

# Updated crosswalk of the revised EUNIS Habitat Classification with the European vegetation classification and indicator species for the EUNIS grassland, shrubland and forest types



*Joop H.J. Schaminée  
Milan Chytrý  
Stephan M. Hennekens  
John A.M. Janssen  
Ilona Knollová  
John S. Rodwell  
Lubomír Tichý*

*and data providers*

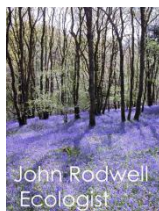
*Framework Contract: EEA/NSS/17/002/Lot 1*

Wageningen Environmental Research (WENR, Alterra), Institute within the legal entity  
Stichting Dienst Landbouwkundig Onderzoek

Professor Joop H.J. Schaminée  
Stephan M. Hennekens  
Doctor John A.M. Janssen

#### Partners

Professor John Rodwell, Ecologist, Lancaster, UK  
Professor Milan Chytrý, Masaryk University, Brno, Czech Republic  
Doctor Ilona Knollová, Masaryk University, Brno, Czech Republic  
Associate Professor Lubomír Tichý, Masaryk University, Brno, Czech Republic



Date: 08 April 2019

Wageningen Environmental Research (WENR)

P.O. Box 47  
6700 AA Wageningen (NL)  
Telephone: +31-317480700

In 2003 Alterra implemented a certified quality management system, according to the standard ISO 9001:2008.

Since 2006 Alterra works with a certified environmental care system according to the standard ISO 14001: 2004.



© 2014 Stichting Dienst Landbouwkundig Onderzoek

All rights reserved. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means - electronic, mechanical, photocopying, recording, or otherwise - without the prior permission in writing of Stichting Dienst Landbouwkundig Onderzoek.

## TABLE OF CONTENTS

### 1 Introduction

- 1.1 The context of the Specific Contract
- 1.2 The aim and objectives of the Specific Contract

### 2 Update of crosswalks of the revised EUNIS habitats of grasslands, shrublands and forests with EuroVegChecklist 2016

- 2.1 Background
- 2.2 EuroVegChecklist 2016
- 2.3 The revised EUNIS habitat classification

### 3 Indicator species and distribution maps of the revised EUNIS habitats of grasslands, shrublands and forests

- 3.1 Background
- 3.2 Data sources
- 3.3 Expert system for identifying EUNIS habitats in vegetation-plot databases
- 3.4 Indicator species of the revised EUNIS habitats of grasslands, shrublands and forests

### 4 References

**Appendix A:** List of the revised EUNIS grassland habitat types, heathland, scrub and tundra habitat types, and forest habitat types including indication of availability of distribution map and indication of EUNIS-syntaxon crosswalk

**Appendix B:** Descriptions of the revised EUNIS grassland habitat types, heathland, scrub and tundra habitat types, and forest habitat types

**Appendix C:** Crosswalk between the revised EUNIS classification for grassland habitat types, heathland, scrub and tundra habitat types, and forest habitat types and *EuroVegChecklist* 2016

**Appendix D:** Formal definitions of the revised EUNIS grassland habitat types, heathland, scrub and tundra habitat types, and forest habitat types

**Appendix E:** Lists of indicator species of the revised EUNIS grassland habitat types, heathland, scrub and tundra habitat types, and forest habitat types

**Appendix F:** List of data providers



# 1 Introduction

## 1.1 The context of the Specific Contract

To underpin the EU2020 Biodiversity Strategy adopted in 2011, the European Council has committed itself to a long-term vision and mid-term headline target: "To halt the loss of biodiversity and the degradation of ecosystem services in the European Union by 2020, restore them in so far as feasible, while stepping up the EU contribution to averting global biodiversity loss". It is impossible to measure progress to this target without reliable and timely information on the status and trends of biodiversity across Europe. Within the European Union, indicators on status and trends of species and ecosystems are reported under the Birds Directive (BD), the Habitats Directive (HD), the Water Framework Directive (WFD) and the Marine Strategy Framework Directive (MSFD). Additional information is needed, however, to establish a more comprehensive assessment of the state of ecosystems and their trends, covering the whole territory of Europe and the whole range of natural and semi-natural landscapes.

The EUNIS habitat classification, developed by the European Topic Centre for Biodiversity (TEC/BD) for the European Environment Agency (EEA) at the end of the last century (Davies & Moss 1999; see Davies et al. 2004; Moss 2008), is covering both the marine and terrestrial realms. In recent years, this classification has been revised at Level 3 (terrestrial) and 4 (marine), aiming at establishing more hierarchical consistency, removing ambiguity and overlap in definitions of types, and extending the typology for the complete European continent and seas. A preliminary, 2014 revised classification has been used in the DG ENV project European Red List of Habitats (Janssen et al. 2016), which has resulted in further improvements to the classification. For the revisions, we have proposed in previous EEA projects, we would refer to the relevant passages in these reports (Schaminée et al. 2012, 2013, 2014, 2016a, 2016b). The revisions include two types of recommendations, one concerning the classification itself, with recommendations for new units, splitting and merging existing units, and one dealing with their naming. In many cases, the EUNIS habitat types were considered too broad and therefore should be divided. The proposed revisions are mainly based on floristic composition, whereas EUNIS sometimes follows a division based on vegetation structure (for example open and closed grassland). In particular, the order level in syntaxonomy proved to be appropriate for making distinctions.

One of the main aims of the EEA Framework contract is to support EEA and other European institutions with data and tools for the assessment of ecosystem status and trends, including their provided services and functions. Task 1 of the contract focuses on enhancing ecosystem maps, using *in situ* vegetation data, as they are brought together in the European Vegetation Archive (EVA), coordinated by the European Vegetation Survey (EVS).

## 1.2 The aim and objective of the Specific Contract

The support to EUNIS habitat classification revision comprises two specific subtasks: (1) an update of crosswalks of the revised EUNIS classification with the updated and formally published *EuroVegCheckList*, and (2) a re-analysis of the formal query routines and indicator species lists.

UPDATE OF CROSSWALK: An updated version of *EuroVegChecklist* was published in 2016 (Mucina et al. 2016). Through a number of European Vegetation Survey (EVS) projects the EUNIS classification has been cross-walked with older versions of *EuroVegChecklist*, during which process the EUNIS Groups E (grasslands), F (heathlands, scrubs and tundra) and G (forests) have been revised at level 3 (Schaminée et al. 2012, 2013, 2014, 2016a, 2016b). In close collaboration with this work, the analysis of the European Red List of Habitats (Janssen et al. 2016) was carried out, resulting – as already mentioned above – in a number of improvements to the EUNIS classification for those habitat groups and countries that were involved, in addition to those changes that were proposed during the work on the EEA projects (Schaminée et al. 2013, 2014, 2016a, 2016b). Further to this, the final EUNIS review has undergone public consultations with experts and countries of the Eionet, of which the most recent results are becoming available now (October 2018). As a consequence of the most recent consultation, some differences with regard to defining, classifying, naming and coding have been brought forward and compared to the ones proposed in the EEA projects and subsequent meetings. The present project focuses on updating the crosswalk with *EuroVegChecklist* 2016 for the habitat groups that were revised by the end of 2017 (grasslands, shrublands and forests). Based on the results of the recent consultation and on discussions in the frame of this work, the already revised grasslands, shrublands and forests were revisited. The development of the crosswalk has been done in close communication with ETC/BD. This subtask is a prerequisite to the following subtask on the identification of indicator species and to the production of distribution maps by EEA-ETC/BD.

QUERY ROUTINES AND INDICATOR SPECIES: Indicator species lists and formal query routines (that define the habitats based on a combination of species occurrence and species cover) were developed for the revised habitat groups through the EEA projects (Schaminée et al. 2013, 2014, 2016a, 2016b). The updated EVA database (Chytrý et al. 2016) includes an increased number of plot data, including from Scandinavia and Macaronesia where data were previously scarce. According to data availability, the updated EVA database and other available sources have been used to re-analyse the lists of indicator species and the query routines and fill the gaps where no vegetation plots were available for the previous assessments for the revised habitat groups of grasslands, shrublands and forests.

For each habitat type of the revised EUNIS classification of Groups E (grasslands), F (heathlands, scrubs and tundra) and G (forests), distribution maps have been compiled on the basis of georeferenced vegetation relevés. The maps have been produced within one of the tasks executed by WENR as

consortium partner of ETC/BD. The maps will become available in a separate document.

## **2 Update of crosswalks of the revised EUNIS habitats of grasslands, shrublands and forests with EuroVegChecklist 2016**

### **2.1 Background**

The update of crosswalks of EUNIS with *EuroVegChecklist* 2016 will replace earlier crosswalks based on previous versions of both classification systems. The updated version is presented in Appendix C. Not all of the habitat types could be crosswalked, as these types cannot syntaxonomically be defined. It concerns the habitat types E71, E72, E73, G28, G3F1, G34d, G56, G57 and G58; the same applies to some of the newly added habitat types with the new codes T1J, T1K, T2A and T3L (for code references, see Appendix A; see also Paragraph 3.3).

The changes in the EUNIS habitat classification over the years were for a long time relatively modest, but more substantial revisions took place as a result of the work carried out through a number of European Vegetation Survey projects for the EEA (Schaminée et al. 2012, 2013, 2014, 2016a, 2016b), the DG-ENV analysis of the European Red List of Habitats (Janssen et al. 2016), further meetings and consultation by the EEA and ETC-BD of the vegetation experts involved, e.g. at a project meeting in Wageningen (9-20 April 2018) and at this year's meeting of the European vegetation Survey in Wrocław, Poland (23-25 May 2018), and a recent public consultation in the EU Member States.

The overview of European syntaxa has undergone substantial expert revision after the publication of *The Diversity of European Vegetation* in 2002, which was a first attempt to achieve a respectable level of stability in the classification of European vegetation (Rodwell et al. 2002), based on a list of European vegetation classes by Mucina, published in 1997 in a bundle of case studies by the EVS (Mucina in Rodwell et al. 1997). This major enterprise, an initiative of the EVS, was carried out by a team under the leadership of Ladislav Mucina, resulting in a new overview, the so-called *EuroVegChecklist*, which was published in 2016. Compared to the 2002 overview, *EuroVegChecklist* is geographically more comprehensive, scientifically more robust, and better grounded within current phytosociological understanding and data.

### **2.2 EuroVegChecklist 2016**

The published version of *EuroVegChecklist* (see Figure 2.1) provides floristic hierarchical classification systems of vascular plant, bryophyte, lichen, and algal

communities. The vascular plant communities include 109 classes, 300 orders, and 1108 alliances. It offers "The first comprehensive and critical account of European syntaxa and synthesizes more than a hundred years of classification effort by European phytosociologists. It aims to document and stabilize the concepts and nomenclature of the syntaxa for practical use, such as calibration of habitat classification used by the European Union, standardization of terminology for environmental assessment, management and conservation of nature areas, landscape planning and education. The presented classification systems provide a baseline for future development and revision of European syntaxonomy", as stated in the summary of the paper (Mucina et al. 2016). The new overview not only gives the lists of syntaxa, but it also briefly characterizes – in ecological and geographic terms – the accepted syntaxonomic concepts, links available synonyms to the accepted syntaxonomic concepts, and provides lists of diagnostic species for all classes.

The plant communities of the "conspectus of the high ranked syntaxa of the European vegetation dominated by vascular plants" are divided into three main groups (Zonal and intrazonal vegetation, Azonal vegetation and Anthropogenic vegetation), which are further ordered along the main geographic zones. The group of the Zonal and intrazonal vegetation, for instance, comprises seven subgroups of vegetation types for respectively the arctic zone, boreal zone, nemoral forest zone, steppe zone, continental desert zone, mediterranean zone, and the Canary Islands, Madeira and Azores.

*EuroVegChecklist* is also published on the web (<https://www.synbiosys.alterra.nl/evc>), where the publication can be downloaded and comments can be posted. Within the EVS a committee has been established and procedures formulated and approved by the EVS Business Meeting in Bilbao on 14 September 2017, to guide and harmonize proposals for future changes to the European vegetation classification.



Figure 2.1. EuroVegChecklist was published in 2016 as an extra issue of Applied Vegetation Science, a journal of the International Association for Vegetation Science (IAVS).

### 2.3 The revised EUNIS habitat classification

In the frame of this work a revised EUNIS list of habitats at level 3 for grassland habitat types (Group E), heathland, scrub and tundra habitat types (Group F), and forest habitat types (Group G) was agreed and is presented in Appendix A. During the process of reviewing, a wide range of topics was extensively discussed, on various occasions, in close collaboration with ETC-BD, of which we will summarize some of the outcomes here. The discussions not only referred to the definition and hierarchic position of the individual habitat types, but also to their naming and coding. During the process, we continually updated a “working list”, which ultimately lead to the final classification as presented in Appendix A. In Appendix B, the descriptions of the revised habitat types have been brought together, based on the EEA reports (Schaminée 2013, 2014, 2016a, 2016b), with some text corrections and a small number of new ones, see also Figure 2.2).

- **Name changes and coding.** A wide variety of name changes has been proposed and accepted, of which the results can be seen in Appendix A. The coding of the EUNIS habitat types is under revision, but as no final decisions have been made yet, we have used the current provisional codes of the “working list”. The “old codes” mentioned in the various appendices

refer to interim codes of the revision projects. The changes in names are relatively modest. Two examples to illustrate this: "E1.1g Perennial rocky grassland of Central Europe and the Carpathians" has been changed into "E1.1g Perennial rocky grassland of Central and South-Eastern Europe", as this habitat type is not restricted to the Carpathians, but also occurs in South-Eastern Europe. "E1.2A Semi-dry perennial calcareous grassland" has become "E1.2A Semi-dry perennial calcareous grassland (meadow steppe)" to clarify already in the name the meaning for Eastern European authors and users of the classification.

- **Coastal habitats.** The coastal habitats will remain as a separate group at level 1 in the final EUNIS classification (Group B). Being not part of the present contract, we excluded them from our working lists, although some of these types were reviewed in the earlier EVS reports (e.g. B1.4B "Mediterranean and Macaronesian coastal dune grassland (grey dune)" and "B1.6A Atlantic and Baltic coastal dune scrub").
- **Semi-desert habitats.** As the Eastern European semi-deserts are part of a separate floristic region, it seems to be consistent for the EUNIS classification to distinguish steppe and semi-desert habitat types at a high level, as has been done for many Macaronesian and Mediterranean habitat types. In total, six new EUNIS habitat types were proposed for the semi-desert and adjacent steppe region of southern Russia and Kazakhstan, excluding potential new coastal habitat types of the Caspian Sea. Within the group of grasslands, this concerns E1.2d Desert steppe, E6.4 Semi-desert salt pan, and E6.5 Continental subsaline alluvial pasture and meadow. Within the group of shrublands, it concerns F6.8b Aralo-Caspian semi-desert scrub, F6.8c Semi-desert sand dune with sparse scrub, and F9.4. Semi-desert riparian scrub. Apart from the classification and names, a short description of the new types has been provided (Janssen & Schaminee 2018) in the frame of the consortium of ETC/BD.



**E1.2d Desert steppe**

Continental, temperate very dry zonal steppe, occurring in a transition belt between the true steppe region and the semi-desert region of the south-east of European Russia and the northern Caucasus, ranging further into Kazakhstan. Dominated by a combination of xerophytic tall and low grasses (*Stipa*, *Koeleria*) and xerophytic semi-shrubs (*Artemisia*, *Tanacetum*). Vegetation cover is relatively low, with most biomass belowground. Typically found on Chernozem and Kastanozem soils.

**E6.4 Semi-desert salt pan**

Azonal, mosaic habitat of halophytic chenopod scrub and saline grassland in the semi-desert zones of south-eastern Europe. Vegetation is a combination of open annual and perennial halophytic communities and more closed grassland. Occurring on so-called solonchak soils, in poorly drained, saline or hypersaline depressions and on shores of rivers and lakes.

**E6.5 Continental subsaline alluvial meadow (or Continental subsaline alluvial pasture and meadow)**

Subsaline, perennial grassland of river valleys and other depressions in the steppe and semi-desert region. Dominated by perennial herbs, typically including *Glycyrrhiza glabra*. Occurring on terraces and elevations in river valleys where this grassland is flooded for a short period in some years and on non-alluvial soils that are temporarily wet.

**F6.8b Aralo-Caspian semi-desert**

Zonal scrubby vegetation on loamy and subsaline soils of the semi-desert and deserts of the Caucasus foothills, south-eastern European Russia and Kazakhstan. The open vegetation is dominated by *Artemisia* spp. and other sub-halophytic shrubs (*Salsola* spp., *Petrosimonia* spp.). In the Caspian lowland this habitat reaches its north-western distribution limit, having its main distribution in the desert regions surrounding the Caspian Sea and Aral Lake, and further into Asia.

**F6.8c Semi-desert sand dune with sparse scrub**

Relatively open perennial vegetation of halophytic shrubs (*Salsola*, *Haloxylon*, *Artemisia*, *Tamarix*) and annuals on wind-blown drifting or stabilised dunes and overgrazed, sandy soils in the semi-desert region of the Caspian lowlands. The sandy soils are weakly developed or not at all.

**F9.4. Semi-desert riparian scrub (or Alluvial scrub of the semi-desert zone)**

Open scrub of *Tamarix* spp. and other shrubs and small trees occupying small or linear patches in sites with seasonally high groundwater table and saline soils in beds of temporary or permanent rivers, in pans or sometimes in human-affected sites like irrigation systems through the semi-desert and desert region.

Figure 2.2. For the semi-desert, six additional EUNIS habitat types have been proposed, three of them classified in Group E and three of them in Group F (Janssen & Schaminée 2018).

- **Anthropogenic habitats.** It has been proposed to distinguish – at level 1 of the EUNIS habitat classification – anthropogenic types at present in Groups E (grasslands), F (heathlands, scrubs and tundra) and G (forests) by putting them in the group I Regularly or recently cultivated agricultural, horticultural and domestic habitats. The group would be renamed to Vegetated man-made habitats and include the relevant anthropogenic habitats. After the recent consultation it was decided to follow for forests the FRA definition of FAO and so to move some of the forest habitats to the group of man-made habitats (Figure 2.2).

<b>PROPOSED TO BE MAN-MADE BUT NOT MOVED</b>	
G1Ca	Broadleaved deciduous plantations of non site-native trees
G1Cb	Broadleaved deciduous plantations of site-native trees
G28a	Broadleaved evergreen plantations of non site-native trees
G28b	Broadleaved evergreen plantations of site-native trees
G3F1	Coniferous plantations of site-native trees
G3F2	Coniferous plantations of non site-native trees
G57	Coppice
G58	Recently felled areas
<b>MOVED TO MAN-MADE</b>	
G1D	Broadleaved fruit and nut tree orchards
G29	Evergreen orchards and groves
G51	Lines of planted trees
G52	Small deciduous broadleaved planted other wooded land
G53	Small evergreen broadleaved planted other wooded land
G54	Small coniferous planted other wooded land

*Figure 2.2. Overview of forest types proposed to be moved to Vegetated man-made habitat types and the finally moved types.*

### **3 Indicator species and distribution maps of the revised EUNIS habitats of grasslands, shrublands and forests**

#### **3.1 Background**

In our previous work (Schaminée et al. 2013, 2014, 2016a, 2016b), we produced lists of indicator species and distribution maps for EUNIS habitat types of grasslands (habitat group E), shrublands (group F) and forests (group G) based on a large set of European vegetation plots.

Vegetation plots (phytosociological relevés) belonging to individual habitat types (henceforth 'habitats') were identified in the databases of the EVA database (Chytrý et al. 2016) and some other databases obtained for this project (see Appendix F). At earlier stages of our work, the identification was based on a crosswalk between syntaxa (phytosociological alliances) and EUNIS habitats (Schaminée et al. 2012, with later updates). However, many plots in the databases were assigned to the syntaxa, and such plots could not be assigned to the habitats. At the same time, the system of European vegetation syntaxa was going through an extensive revision, which was finally published as *EuroVegChecklist* (Mucina et al. 2016). Therefore, an electronic expert system was developed as an alternative approach of identification of EUNIS habitats in the vegetation-plot databases, based on the principles and methods developed by Bruehlheide (1995, 1997, 2000), Kočí et al. (2003), Chytrý (2007; see also Chytrý & Tichý 2018), Landucci et al. (2015) and Mucina et al. (2016), with further modifications. This expert system was independent of plot assignment to syntaxa, but it used information about species composition of individual habitats from the syntaxonomical scientific literature.

Simultaneously with this work, EUNIS habitat classification for grasslands, shrublands and forests was also considerably revised (Schaminée et al. 2013, 2014, 2016a, Janssen et al. 2016) and the proposed revisions were subject to public consultations. Meanwhile, we were continuously improving the expert system software to enable more accurate and reliable identification of habitats, and at the same time, the databases of vegetation plots were growing, and many gaps in their geographical coverage were filled. Finally, the Euro+Med PlantBase was completed in February 2018, providing standard taxonomic concepts and nomenclature for the entire European and Mediterranean vascular flora (Euro+Med 2006–2018). We adopted this source as a standard for plant taxonomy and nomenclature in the outputs from EVA.

In response to all of these significant achievements, it was necessary to update and consolidate the results obtained in our previous work, to reflect the changes in the EUNIS habitat classification, and to make use of the most recent technological advances, new data and standard taxonomy and nomenclature. The aim of this report is to provide updated lists of indicator species for the

revised EUNIS classification of habitat groups E (Grasslands), F (Shrublands) and G (Forests).

### 3.2 Data sources

The primary data source for producing lists of indicator species and maps for the EUNIS habitats were European vegetation plot records (henceforth 'vegetation plots' or 'plots'). Such plots typically contain a full list of vascular (and often also non-vascular) plant species, estimation of cover-abundance of each species, location and various additional information on vegetation structure and environmental features in the plot (Schaminée et al. 2009, Dengler et al. 2011). These plots were compiled from the EVA database (Chytrý et al. 2016) and several other databases not included in EVA but provided for the purpose of this analysis (see Appendix F). We selected all the available vegetation plots, including those representing non-target habitats such as coastal, aquatic, wetland, mire or inland sparsely vegetated habitats. However, we excluded the plots that reported only species composition without cover-abundance information on individual species and the plots in which we detected obvious errors that could lead to their misclassification. This dataset contained a total of 1,563,417 vegetation plots from Europe, of which 1,337,083 were georeferenced (see Figure 3.1). The dataset was prepared using the Turboveg 3 program (S. M. Hennekens, unpublished) and analysed using the Juice 7 program (Tichý 2002). It is by far the most extensive dataset of vegetation plots ever compiled and analysed.

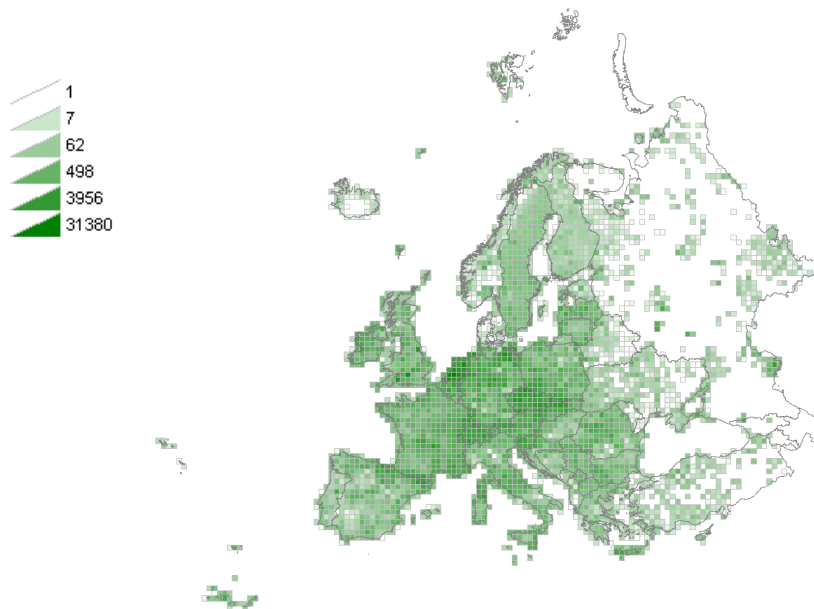


Figure 3.1. Density of 1,337,083 georeferenced plots in EVA and other plots provided for this project in 50 x 50 km grid cells (accessed on 19 September 2018).

The taxon names in this dataset originated from several source databases managed in Turboveg 2 (Hennekens & Schaminée 2001), which use different taxon lists with partly inconsistent taxonomic concepts and nomenclature. Taxon names were unified using the Turboveg 3 program in two steps. Firstly, the names from the original databases were interpreted within a regional context by experts in regional floras, considering the taxonomic concepts and nomenclature used in the focal regions of each database. This step was important because it solved many issues related to regional differences in the use of some names. In this step, taxon lists of most of the European vegetation-plot databases (including all the largest ones) were matched to the SynBioSys Taxon Database, a working database of the EVA project that is not linked to a single unified taxonomic standard. Secondly, the names from the SynBioSys taxon database and the names from the original databases that did not match any name in the SynBioSys Taxon Database were translated to the nomenclature of the Euro+Med PlantBase (Euro+Med 2006–2018; [ww2.bgbm.org/EuroPlusMed](http://ww2.bgbm.org/EuroPlusMed)), using a complete list of accepted names and synonyms of European and Mediterranean vascular plant taxa provided by Dr. Eckhard von Raab-Straube from the Botanischer Garten und Botanisches Museum Berlin-Dahlem in March 2018. Synonyms that can relate to more than one accepted name were assigned to one of these names following the prevailing use of this synonym in most of the modern European floras. The names from the SynBioSys Taxon Database or the names from the taxon lists of the source vegetation-plot databases were used for ca. 3.7% of European vascular plant taxa that did not match any valid name or synonym of the Euro+Med PlantBase.

### **3.3 Expert system for identifying EUNIS habitats in vegetation-plot databases**

The expert system for EUNIS grassland, shrubland and forest habitats described in this report is used for identifying vegetation plots belonging to these habitats in European vegetation databases based on species composition and cover-abundances of particular species or species groups. It was developed as a software tool implemented in the Juice 7 software and, in a simpler form, also in the Turboveg 3 software. The software uses formal definitions of particular habitats, which are written as logical formulas in an editable expert system script stored as a TXT file (see Appendix D). Each plot from a vegetation database submitted to the software is checked to test whether or not it meets the conditions of some of the formal definitions of habitats included in this script. If it does, it is assigned to this habitat.

The expert system script is divided into three sections. Section 1 merges selected taxon names. In most cases, merging concerns subspecies, varieties or forms that are merged into their parent species in order to achieve

consistency of taxonomic concepts across the dataset in cases in which some authors recorded only species and others also intraspecific taxa. Similarly, taxonomically difficult groups of species containing many misidentifications were merged into species aggregates. Also, some of the names not matched to unified concepts or Euro+Med nomenclature in Turboveg 3 were merged here with the names corresponding to the unified concepts. Section 2 defines species groups by listing species that belong to each of them. Section 3 comprises logical definitions of habitat types consisting of relational operators, which define individual assignment criteria, and logical operators AND, OR and NOT, which combine the individual assignment criteria.

The advantages of the expert system approach are that it (i) enables identification of vegetation plots even if they have not been labelled by a name of a habitat or syntaxon; (ii) applies habitat classification consistently across the whole of Europe, unlike assignments by human experts, which depend on subjective regional judgement and varying traditions; (iii) provides explicit qualitative and quantitative criteria used for plot assignment to habitats; (iv) can be used to classify any vegetation plot obtained in the future using the same criteria; (v) can be modified by adding new types or adjusting definitions of already included types.

The expert system contains two types of criteria to assign vegetation-plot records to habitats:

- (i) species-based assignment criteria: plant species composition or relative cover-abundances of plant species in vegetation plots (internal classification criteria according to De Cáceres et al. 2015);
- (ii) location-based assignment criteria: information about plot location, such as geographical coordinates, which can be translated into plot location within individual biogeographical regions (e.g. boreal vs temperate) or habitat complexes (e.g. coastal vs inland), or altitude (external classification criteria according to De Cáceres et al. 2015).

### Species-based assignment criteria

Species-based assignment criteria are either qualitative, i.e. presence or absence of a species or a species group in a plot, or quantitative, i.e. cover-abundance of a species or a species group in a plot being greater or less than a specified threshold of percentage cover-abundance or than the percentage cover-abundance of another species or species group. In most cases, these assignment criteria are applied using the relational operators GR (= greater than), GE (= greater than or equal to) or EQ (equal to). The examples in the following text use GR, which is the most commonly used operator in the expert system script, but GE or EQ can be used instead of GR. Both the qualitative and quantitative criteria can be applied either to single species or to species groups.

When applied to **single species**, the qualitative criterion assesses whether the species is present or absent in a plot, whereas the quantitative criterion assesses whether percentage cover-abundance of the species is greater or less

than a threshold. In the script, the qualitative criterion is defined as `Species name GR 00`, meaning that the cover of this species is greater than zero, while for the quantitative criterion a non-zero percentage value is given, for example, `Fagus sylvatica GR 50` means that the cover of *Fagus sylvatica* in the plot must be greater than 50%. Optionally, the cover of a species can be compared with the total cover of all species occurring in the plot, for example, `Corylus avellana GR $50` means that the cover of *Corylus avellana* is greater than 50% of the total percentage cover of all species in the plot.

When applied to **species groups**, the qualitative criterion assesses whether a certain number of species of the group is present in the plot, or whether the number of species of one group is greater or less than the number of species of another group (or other groups). The quantitative criterion for species groups assesses whether the total cover-abundance of the species of the group is greater or less than the threshold, or whether it is greater or less than the total cover-abundance of species of another group (or other groups). The total cover of a species group is computed by combining percentage covers of individual species of the group that occur in a plot, using an algorithm that assumes random overlap of covers of individual species that was proposed by Chytrý et al. (2005) and recently formally described by Fischer (2015). In contrast to the simple sum of percentage covers of individual species, the total cover of all species in the plot calculated using this algorithm cannot exceed 100%.

The species groups included in the expert system were compiled so as to characterize particular habitats and to enable their identification. The initial lists of species included in the groups were based on various phytosociological literature, information from European flora handbooks, personal field experience, data from our previous reports (Schaminée et al. 2013, 2014, 2016a, b) and fact sheets of the European Red List of Habitats (Janssen et al. 2016). These initial lists were critically revised and extensively modified based on multiple classification trials with successive versions of the expert system. Species that improved the quality of identification of habitats were added to individual groups while species that contributed to misidentifications were removed from the groups.

The expert system contains two basic types of species groups: functional species groups and discriminating species groups. All the groups of both types are defined in Section 2 of the expert system script by listing species belonging to them. Individual groups are identified there by the symbols `###` or `##D`, the former meaning that the group can be used only as a functional group, while the latter meaning that the group can be used both as functional and discriminating.

**Functional species groups.** The concept of the functional species groups follows Landucci et al. (2015). Functional species groups comprise species with similar functional traits (e.g. life form or morphology), similar distribution ranges, affinity to the same habitats, or species characterized by a combination of these properties. In the expert system script, these groups are used in Section 3 to define both the qualitative and quantitative assignment rules. The qualitative assignment rules are as follows:



- A plot contains at least  $n$  species of the group (`#nn Group-name` in the script, where  $nn$  is a two-digit number of required species; for example `#03 Dwarf-shrubs` means at least three species of the functional group Dwarf-shrubs must be present in the plot).
- A plot contains more species from one group than from another group (`### Group-name1 GR ### Group-name2` in the script; for example `### Wet-grassland-herbs GR ### Mesic-grassland-herbs` means that the plot has to contain more herb species of wet grassland than of mesic grassland).

The quantitative assignment rules for functional species groups are as follows:

- The total cover of a species group in the plots is greater than a threshold (`#TC Group-name GR nn` in the script, where `#TC` means the total cover of the species of the group and `GR nn` means greater than a percentage threshold; for example `#TC Dwarf-shrubs GR 50` means that the total cover of dwarf shrubs in the plot is greater than 50%).
- The total cover of a species group is greater than that of another group (`#TC Group-name1 GR #TC Group-name2` in the script; for example `#TC Wet-grassland-herbs GR #TC Mesic-grassland-herbs` means that the plot contains a greater total cover of wet grassland herbs than that of mesic grassland herbs).
- The total cover of a species group is greater than that of another group, excluding the species of the former group from the latter group (`#TC Group-name1 GR #TC Group-name2 EXCEPT #TC Group-name1` in the script; for example `#TC Dark-taiga-trees GR #TC Trees EXCEPT #TC Dark-taiga-trees` means that the cover of the dark taiga trees in the plot is greater than that of other trees). This formula can also be used for comparing the cover of a single species with the total cover of a group, e.g. `#TC Picea abies GR #TC Trees EXCEPT #TC Picea abies` means that *Picea abies* has a greater cover than other trees. Formally a functional species group containing the single species *Picea abies* has to be created in this case.
- The total cover of a species group in a plot is greater than  $n\%$  of the total cover of all species in the plot (`#TC Group-name GR $50` in the script, where `$50` means 50% of the total cover of all species; for example `#TC Dwarf-shrubs GR $50` means that the total cover of dwarf shrubs is greater than 50% of the total cover of all species in the plot).
- Finally, a general group containing all the species occurring in a plot can be created, and its total cover computed using the `#T$` notation in the script. Such a group can be used to define the total cover of vegetation in the plot (e.g. `#T$ GR 30` means that the total vegetation cover in the plot is greater than 30%). Alternatively, it can define the assignment rule that the total cover of a species group is greater than the total cover of all species in the plot except the total cover of species belonging to this group (`#TC Group-name GR #T$` in the script; in this case, `#T$` means the total cover of all the other species in the plot, excluding the species of the group involved in the comparison).

In all cases, two or more functional species groups can be merged in the logical formulas of habitat definitions, e.g. `#TC Trees|#TC Shrubs|#TC Dwarf-shrubs` represents the total cover of all woody plants in the plot.

An example of a definition based on the functional species groups (G16 *Fagus* forest on acid soils):

- ((<#TC *Fagus-sylvatica-orientalis* GR 30> AND <#TC *Fagus-sylvatica-orientalis* GR #TC Trees EXCEPT #TC *Fagus-sylvatica-orientalis*>) AND <### +04 Acidophilous-forest-species GR ### +04 Eutrophic-deciduous-forest-species>) NOT <#TC +04 Eutrophic-deciduous-forest-species GR 25>

This means that the total cover of the functional species groups including the two species *Fagus sylvatica* and *F. orientalis* has to be greater than 30% and at the same time, it has to be greater than the total cover of all the other trees. In addition, the number of acidophilous forest species has to be greater than the number of eutrophic deciduous-forest species and the total cover of the eutrophic deciduous-forest species cannot be greater than 25%.

**Discriminating species groups.** The concept of discriminating species groups follows the proposals of Dengler et al. (2006), Willner (2011) and the principles of the expert system for European vegetation classes developed by Mucina et al. (2016). If this type of species groups is used, one discriminating species group is compiled for each habitat. Such a group includes a subset of diagnostic species of this habitat that can be, as a group, used for reliable identification of this habitat. One species can be assigned to more than one of these groups. A plot is assigned to that habitat for which its discriminating species group is most represented in this plot. The measure of representation is either the number of species of the group (in that case the ##D string is used in the formulas in Section 3 of the expert system script) or, in most cases, the sum of square-rooted percentage covers of individual species (##Q). The latter measure provides an intermediate solution between an emphasis on species numbers and an emphasis on total percentage cover, which could, in some cases, lead to counter-intuitive classification (especially when a plot contains several species of one habitat with a small total cover and one species of another habitat with a high cover). The expert system includes several independent sets of discriminating species groups, which are identified by a number after the + sign at the beginning of the group name. Each comparison of species numbers or covers is done only among the groups with the same number. In the current version of the expert system, groups marked as +01 are compared only among coastal habitats, +02 among inland sparsely vegetated habitats, +03 among all other open habitats, and +04 among a few specific habitats of temperate broadleaved deciduous forests. For example, the expression ##Q +03 E12a-Semi-dry-perennial-calcareous-grassland in the expert system script means that the sum of square-rooted percentage covers of the species belonging to the discriminating species group of semi-dry perennial calcareous grassland in the plot must be greater than the sum of square-rooted percentage covers of the species of the discriminating species group of any other open habitat except coastal and inland sparsely vegetated.

The importance of the functional species groups and the discriminating species groups for habitat classification varies among habitat groups. In the habitats defined by the presence of certain dominant species, especially forest and scrub habitats, the use of functional groups in combination with quantitative assignment criteria is often sufficient and most effective to define the habitat, e.g. heath is a habitat determined by dominance of a few species of ericoid dwarf shrubs. Therefore the threshold total covers of functional groups or even covers of single species are used to define forest and scrub habitats. However, for the habitats characterized by a weak or irregular dominance of specific species, particularly for grasslands, this method of habitat definition rarely provides satisfactory classification. For such habitats, we applied the cover of discriminating species groups as the main classification criterion. In such a way, the cover is compared among larger groups of species characterizing the habitat, not only potential dominants, and each plot is assigned to the habitat that is represented by a greater cover of its species in the plot than any other habitat.

An example of a definition based on a discriminating species group in combination with functional species groups (E31a Mediterranean tall humid inland grassland):

- (<##Q +03 E31a-Mediterranean-tall-humid-inland-grassland>  
AND <#01 E31a-Mediterranean-tall-humid-inland-grassland-  
specialists>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

This means that the sum of square-rooted percentage covers of the discriminating species group of the habitat Mediterranean tall humid inland grassland is greater than that of any other open habitat included in this comparison. In addition, at least one species of the functional group of specialist species of the Mediterranean tall humid inland grassland occurs, and the cover of trees or shrubs is not greater than 5%.

#### Location-based assignment criteria

Some habitats in the EUNIS classification are partly defined by their occurrence in particular vegetation zones, altitudinal belts or habitat complexes. For example, some coniferous forests are divided into boreal and temperate habitats, or some habitats are defined by their occurrence on coastal dunes, although similar habitats also occur on inland dunes. Especially if such habitats are species-poor, it may be impossible to classify them purely according to plant species composition, because at least in some places their species composition can be identical between the boreal and temperate zones, or between coastal and inland dunes. Therefore, we included several location-based assignment criteria into the formal definition of habitat types in the expert system, in addition to the species-based assignment criteria. However, we preferred to try defining the habitat types purely on the basis of species composition and we added the location-based criteria only when the classification based exclusively

on species-based criteria would not separate some types or would require very complex definitions.

The location-based criteria are either qualitative or quantitative: in the expert system script, they are indicated as \$\$C (C stands for "character") or \$\$N (N stands for "numeric"), respectively. The qualitative criteria are defined using the relational operator EQ (equal to), e.g. \$\$C Country EQ Belgium (the plot occurs in Belgium), while the quantitative criteria use the operator GR (greater than) or GE (greater than or equal to), e.g. \$\$N Altitude (m) GR 1000 (altitude of the plot is higher than 1,000 m above sea level). The range of quantitative criteria can be defined by a combination of two statements, e.g. <\$\$N Altitude (m) GE 500> NOT <\$\$N Altitude (m) GR 1000> defines an altitude from 500 to 1,000 m above sea level.

The location-based criteria have to be provided for each vegetation plot in a specific database field (so-called header data" in the terminology of Turboveg and Juice programs). The expert system uses the following variables to define the location-based assignment criteria:

- Country – a qualitative variable containing country names
- ECOREG\_WWF – a qualitative variable containing the codes of the WWF ecoregions (Olson et al. 2001, see <http://ecoregions2017.appspot.com/>). The following ecoregions were used in the expert system:
  - PA0433 Pyrenees conifer and mixed forests
  - PA0436 Sarmatic mixed forests
  - PA0445 Western European broadleaf forests
  - PA0503 Caledon conifer forests
  - PA0520 Scandinavian coastal conifer forests
  - PA0608 Scandinavian and Russian taiga
  - PA0610 Urals montane forests and taiga
  - PA1110 Scandinavian Montane Birch forest and grasslands
- COAST\_EEA – a qualitative variable containing information as to whether the location is on the sea coast, including a buffer distance of up to 5,000 m from the coast. A digital coast map provided by the European Environment Agency (<https://www.eea.europa.eu/data-and-maps/data/eea-coastline-for-analysis-1/gis-data/europe-coastline-shapefile>) was used to identify coastal plots based on their geographic coordinates. The coast was divided into five categories:
  - ARC Arctic
  - ATL Atlantic
  - BAL Baltic
  - BLA Black Sea
  - MED Mediterranean
- DUNES\_BOHN – a qualitative variable containing information whether the location is on coastal dunes. A digital version of the Map of Natural Vegetation of Europe (Bohn et al. 2003) was used, and the plots with geographic coordinates corresponding to the mapping units from P1 to P16 (coastal dune vegetation) were given the code Y (=yes) for this variable.
- DEG\_LAT – a quantitative variable containing the degrees of latitude of the plot in the coordinate system WGS 84, format DD.DDDD.
- DEG\_LON – a quantitative variable containing the degrees of longitude of the plot in the coordinate system WGS 84, format DD.DDDD. Western longitudes are indicated by numbers with minus sign.

- Altitude (m) – a quantitative variable containing the altitude of the plot in metres above sea level.

An example of a definition containing location-based assignment criteria (F12 Moss and lichen tundra):

- ((<#TC Arctic-alpine-bryophytes-lichens GR #T\$> AND <#02 Arctic-alpine-bryophytes-lichens>) NOT (<#TC Sphagnum GR 05> OR <#TC Trees GR 05>)) AND (<\$N DEG\_LAT GR 65> OR <\$C Country EQ Iceland>)

This means that the total cover of the functional group of Arctic and alpine bryophytes and lichens is greater than the cover of any other species in the plot, at the same time at least two species of this group occur, the total cover of *Sphagnum* species or trees is not greater than 5% and the latitude is greater than 65°N or the plot is from Iceland.

### The hierarchical structure of the expert system

The structure of the expert system is hierarchical. Each habitat definition is assigned to a priority degree. The definitions with the highest priority are applied to the dataset first, resulting in habitat assignment of those plots that meet the requirements of these definitions, while other plots remain unclassified. Then, the definitions with lower priority are applied only to the plots that have not been classified by the plots of higher priority.

One habitat can have two definitions with different priority levels. The definition applied at a higher level can be based on the occurrence or high total cover of species from a sociological group that comprises species narrowly specialized to this habitat. This definition usually classifies those plots that are very typical examples of the habitat, but it leaves many less typical plots of this habitat unclassified. Subsequently, a definition at a lower priority level, based on discriminating species groups, can be applied to the unclassified plots. This definition classifies plots that are less typical examples of the habitat but still exhibit a higher degree of membership to this habitat than to any other habitat. For example, the habitat E11a Pannonian and Pontic sandy steppe can be defined by this formula with a higher priority level:

- <#TC E11a-Pannonian-and-Pontic-sandy-steppe-specialists GR15> NOT (<#TC Trees GR05> OR <#TC Shrubs GR05>)

This means that the total cover of the functional species group E11a-Pannonian-and-Pontic-sandy-steppe-specialists, including a selection of narrow specialists of this habitat, must have a cover greater than 15% and neither the groups of trees nor the group of shrubs can have a cover greater than 5%. Then, the following formula with a lower priority level

defining the same habitat is applied to the plots that were not classified by the formula with the higher priority level:

- (`<#Q E11a-Pannonian-and-Pontic-sandy-steppe>` AND `<#03 E11a-Pannonian-and-Pontic-sandy-steppe>`) NOT (`<#TC Trees GR05>` OR `<#TC Shrubs GR05>`)

This means that the sum of square-rooted percentage covers of a discriminating species group of this habitat (including both the narrow specialists and frequently occurring less specialized species) is higher than the sum of square-rooted percentage covers of discriminating species group of any other habitat *and* the plot contains at least three species of this group, *and* the total cover of both trees and shrubs does not exceed 5%.

The current version of the expert system contains habitat definitions assigned to seven priority levels. The definitions at the highest priority level (7) are applied first in the classification, while the definitions at the lowest priority level (1) are applied last:

- Level 7: Habitats of coastal heaths, dune scrub and dune woodlands (habitat group B) and Macaronesian heaths (habitat F43) are defined based on a high cover of dominant species or a high total cover of functional groups of dominant species (dwarf shrubs, shrubs and trees) in combination with occurrence on the coast, on coastal dunes, or in Macaronesia.
- Level 6: Other (i.e. herbaceous) coastal habitats (groups A and B) are defined based on the discriminating species groups of habitats within these two groups, in combination with occurrence on the coast, possibly in combination with other assignment criteria.
- Level 5: The broad habitat group H (inland sparsely vegetated) is defined based on a cover not greater than 30% in combination with the occurrence of at least one species typical of the habitats of this group, and individual habitats within this group are preliminarily defined based on the preliminary lists of their discriminating species groups.
- Level 4: Habitats of shrublands (group F) and forests (group G) not classified above, some habitats of grasslands (group E) and some herbaceous habitats of coastal dunes (group B) are classified using definitions based on a high cover of characteristic dominant species or functional groups of characteristic dominant species, or presence of a specified minimum number of specialist species.
- Level 3: Broad habitat groups of forest (group G), scrub and dwarf scrub (group F), and tree plantations are defined based on the dominance of trees, shrubs or dwarf shrubs. Vegetation plots that have not been previously classified to specific habitats within these groups are classified directly to these broad groups.
- Level 2: All open habitats except inland sparsely vegetated (group H) and most coastal habitats (groups A and B) are defined based on the discriminating species groups.
- Level 1: Broad habitats of inland surface waters (group C), mires (group D), grasslands (group E) and inland sparsely vegetated (group H) are defined based on discriminating species groups. Vegetation plots that have not been previously classified to specific habitats within these groups are classified directly to these broad groups.

### Results of the expert system

We developed formal definitions for 55 habitats of grasslands (group E), 43 habitats of shrublands (group F) and 46 habitats of forests (group G) and included them in the expert system. In addition, the expert system contains 102 preliminary definitions of habitats of other groups, which were however not tested and may misclassify plots; therefore they require a considerable revision in the future for these habitat types. The species composition of all 1,563,417 vegetation plots was compared with all the formal definitions. The plots assigned to individual habitats were checked for species composition and mapped, and based on the results, formal definitions were adjusted and errors in the input database corrected. This procedure was repeated several times until an optimal solution was achieved. At the end, 664,978 plots were classified to one of the habitats of groups E, F or G, 1,009,127 plots were classified directly to one of these three habitats groups but not to particular habitats, 425,700 plots were classified to other habitat groups or their habitats, and 128,590 plots remained unclassified.

### **3.4 Indicator species of the revised EUNIS habitats of grasslands, shrublands and forests**

Indicator species of each habitat were obtained through statistical analysis of the groups of vegetation plots classified by the expert system to this habitat. Three types of indicator species were provided: diagnostic species, constant species and dominant species. Each of these types of indicator species has a different meaning, and together they provide a comprehensive characterization of the habitat's species diversity. Diagnostic species are species with occurrences concentrated in the habitat, being absent or rare in other habitats. As such they are good positive indicators of the habitat, but they may be absent at many sites where the habitat occurs. Constant species are species frequently occurring in the habitat, but they are not exclusive to the habitat: some of them may be generalist species that are also frequent in other habitats. Dominant species are those that often reach high cover in the habitat, thus determining the habitat physiognomy.

For the purposes of computing indicator species, the classified vegetation-plot dataset was geographically stratified (Knollová et al. 2005). This was needed to remove the effect of geographically unbalanced sampling effort across Europe, which meant that some relatively small areas had a high concentration of vegetation plots, while other (often large) areas with less intensive research were represented by few or no plots, even though the habitat may be quite common there. Geographical stratification was performed on the dataset of vegetation plots classified by the expert system, using a grid of 3 x 5 minutes of latitude x longitude (corresponding to approximately 5.5 x 6 km at 50° N). If a cell of this grid contained more than 1 plot belonging to the same habitat,



one plot was selected randomly, and the others were deleted. The minimum total number of plots per habitat in the whole dataset after stratification was set to 10. The resampled dataset contained many fewer plots than the original dataset but it was more balanced and more representative. Plots classified to other habitat types than grasslands, shrublands and forests were retained in the dataset to provide background for calculating the degree of concentration of species occurrences within the target vegetation type in the computation of diagnostic species.

Diagnostic species were determined based on the degree of concentration of their occurrences in groups of plots representing each EUNIS habitat. This degree of concentration was calculated using the phi coefficient of association (Sokal & Rohlf 1995) standardized to an identical number of relevés across all groups, which was arbitrarily set to 1% of the total data set (Tichý & Chytrý 2006). The species with a value of phi for the particular habitat greater than 0.15 were considered as diagnostic for this habitat. However, for some habitats represented by a low number of plots in the stratified dataset, the concentration of species occurrences within the type may not have been statistically significant. Therefore, statistical significance of the species-habitat association was tested using the Fisher's exact test (Sokal & Rohlf 1995), and if this association was not significant at  $P < 0.05$ , the species was excluded from the list of diagnostic species (Tichý & Chytrý 2006).

Constant species were defined as those with constancy (= percentage occurrence frequency) in the target habitat at least 10%.

Dominant species were defined as those that occurred with a cover greater than 25% in at least 5% of vegetation plots classified to the target habitat. This means that a species is considered as dominant even if it does not belong to the highest vegetation layer, and a single plot can have more than one dominant species, or no dominant species if vegetation is very sparse or if cover values of all species are lower than 25%.

Records of taxa identified only to the genus level and records of epiphytic lichens were removed from the lists of indicator species. Records of other non-vascular plants (bryophytes and non-epiphytic lichens) were retained in the lists of indicator species, because many of these species are important ecological indicators. However, as they were not recorded in all the plots, their fidelity and frequency values can be underestimated. A solution would be to compute these values only from plots where they were recorded (or would be recorded if present), but this was not possible because vegetation plots with no bryophytes and lichens in most cases do not carry information whether these species were really absent or were present but not recorded.

The resulting lists of indicator species for EUNIS grassland, shrubland and forest habitats, including diagnostic, constant and dominant species, is in Appendix E. For some habitat types no indicator species have been defined, as these types

cannot be floristically characterized. It concerns the habitat types E71, E72, E73, G3F1, G56, G57 and G58; the same applies to some of the newly added habitat types with the new codes T1J, T1K, T2A and T3L (for code references, see Appendix A).

## 4 References

- Bohn, U., Neuhäusl, R., Gollub, G., Hettwer, C., Neuhäuslová, Z., Schlüter, H. & Weber, H. (eds.) (2003). *Karte der natürlichen Vegetation Europas / Map of the Natural Vegetation of Europe. Maßstab / Scale 1:2.500.000. Teil 1: Erläuterungstext*. Landwirtschaftsverlag, Münster, Germany.
- Bruelheide, H. (1995). Die Grünlandgesellschaften des Harzes und ihre Standortsbedingungen. Mit einem Beitrag zum Gliederungsprinzip auf der Basis von statistisch ermittelten Artengruppen. *Dissertationes Botanicae* 244 1–338.
- Bruelheide, H. (1997). Using formal logic to classify vegetation. *Folia Geobotanica et Phytotaxonomica* 32: 41–46.
- Bruelheide, H. (2000). A new measure of fidelity and its application to defining species groups. *Journal of Vegetation Science* 11: 167–178.
- Chytrý, M. (ed.) (2007). *Vegetace České republiky 1. Travinná a keříčková vegetace. Vegetation of the Czech Republic 1. Grassland and heathland vegetation*. Academia. Praha, Czech Republic.
- Chytrý, M., Pyšek, P., Tichý, L., Knollová, I. & Danihelka, J. (2005). Invasions by alien plants in the Czech Republic: a quantitative assessment across habitats. *Preslia* 77: 339–354.
- Chytrý M., Hennekens S.M., Jiménez-Alfaro, B., Knollová, I., Dengler, J., Jansen, F., Landucci, F., Schaminée, J.H.J. et al. (2016). European Vegetation Archive (EVA): an integrated database of European vegetation plots. *Applied Vegetation Science* 19: 173–180.
- Davies, C. & Moss, D. (1999). *EUNIS Habitats Classification*. Final report to the European Topic Centre on Nature Conservation, European Environment Agency. Institute of Terrestrial Ecology, Huntingdon, UK.
- Davies, C.E., Moss, D. & Hill, M.O. (2004). *EUNIS Habitat Classification*. European Environment Agency, Copenhagen.
- De Cáceres M., Chytrý M., Agrillo E., Attorre F., Botta-Dukát Z., Capelo J., ... Wiser, S.K. (2015). A comparative framework for broad-scale plot-based vegetation classification. *Applied Vegetation Science* 18: 543–560.
- Dengler J., Rūsiņa, S., Boch, S., Bruun, H. H., Diekmann, M., Dierßen, K., ... Zobel, M. (2006). Working group on dry grasslands in the Nordic and Baltic region – outline of the project and first results for the class Festuco-Brometea. *Annali di Botanica, nuova serie* 6: 1–28.
- Dengler J., Jansen F., Glöckler F., Peet R.K., De Cáceres M., Chytrý M., ... & Spencer, N. (2011). The Global Index of Vegetation-Plot Databases (GIVD): a new resource for vegetation science. *Journal of Vegetation Science* 22: 582–597.
- Euro+Med (2006–2018). *Euro+Med PlantBase – the information resource for Euro-Mediterranean plant diversity*. Published on the Internet <http://ww2.bgbm.org/EuroPlusMed/>.

- Fischer, H.S. (2015). On the combination of species cover values from different vegetation layers. *Applied Vegetation Science* 18 : 169–170.
- Hennekens S. M. & Schaminée, J. H. J. (2001). TURBOVEG, a comprehensive data base management system for vegetation data. *Journal of Vegetation Science* 12: 589–591.
- Janssen, J.A.M., Rodwell, J.S., García Criado, M., Gubbay, S., Haynes, T., Nieto, A., ... Valachovič, M. (2016). European Red List of Habitats – Part 2. Terrestrial and freshwater habitats. Luxembourg: Publications Office of the European Union.
- Janssen, J & Schaminée J (2018) Eastern European steppe and semi-desert habitats in the EUNIS classification. Unpublished report for the EEA.
- Knollová, I., Chytrý, M., Tichý, L. & Hájek, O. (2005). Stratified resampling of phytosociological databases: some strategies for obtaining more representative data sets for classification studies. *Journal of Vegetation Science* 16: 479-486.
- Kočí, M., Chytrý, M. & Tichý, L. (2003). Formalized reproduction of an expert-based phytosociological classification: A case study of subalpine tall-forb vegetation. *Journal of Vegetation Science* 14: 601–610.
- Landucci, F., Tichý, L., Šumberová, K. & Chytrý, M. (2015). Formalized classification of species-poor vegetation: a proposal of a consistent protocol for aquatic vegetation. *Journal of Vegetation Science* 26: 791–803.
- Moss, D. (2008). *EUNIS Habitat Classification – a guide for users*. European Topic Centre on Biological Diversity, Paris, and European Environment Agency, Copenhagen.
- Mucina, L., Bültmann, H., Dierßen, K., Theurillat, J.-P., Raus, T., Čarni, A., ... & Tichý, L. (2016). Vegetation of Europe. Hierarchical floristic classification system of vascular plant, bryophyte, lichen, and algal communities. *Applied Vegetation Science* 19, Suppl. 1: 3–264.
- Olson, D.M., Dinerstein, E., Wikramanayake, E.D., Burgess, N.D., Powell, G. V., Underwood, E.C., ... & Loucks, C.J. (2001). Terrestrial Ecoregions of the World: A New Map of Life on Earth A new global map of terrestrial ecoregions provides an innovative tool for conserving biodiversity. *BioScience* 51 (11): 933-938.
- Rodwell, J.S., Mucina, L., Pignatti, S., Schaminée, J.H.J. & Chytrý, M. (1997, red.). *European Vegetation Survey: Case Studies*. Special features in vegetation science 14. Opulus Press, Uppsala, 238 pp.
- Rodwell, J.S., Schaminée, J.H.J., Mucina, L., Pignatti, S., Dring, J. & Moss, D. (2002). *The Diversity of European Vegetation. An overview of phytosociological alliances and their relationships to EUNIS habitats*. Rapport EC-LNV 2000/054, Wageningen, 168 pp.
- Schaminée, J.H.J., Hennekens, S.M., Chytrý, M. & Rodwell, J.S. (2009). Vegetation-plot data and databases in Europe: an overview. *Preslia* 81: 173–185.
- Schaminée, J.H.J., Chytrý, M., Hennekens, S.M., Mucina, L., Rodwell, J.S. & Tichý, L. (2012). *Development of vegetation syntaxa crosswalks to EUNIS habitat classification and related data sets*. Report to the European Environmental Agency. Alterra WUR, Wageningen, the Netherlands.

- Schaminée, J.H.J., Chytrý, M., Hennekens, S.M., Jiménez-Alfaro, B., Mucina, L., Rodwell, J.S. & Tichý, L. (2013). *Review of EUNIS forest habitat classification*. Report to the European Environmental Agency. Alterra WUR, Wageningen, the Netherlands.
- Schaminée, J.H.J., Chytrý, M., Hennekens, S.M., Janssen, J.A.M., Jiménez-Alfaro, B., Knollová, I., Mucina, L., Rodwell, J.S. & Tichý, L. (2014). *Vegetation analysis and distribution maps for EUNIS habitats*. Report to the European Environmental Agency (EEA/NSV/14/006). Alterra WUR, Wageningen, the Netherlands.
- Schaminée, J.H.J., Chytrý, M., Hennekens, S.M., Janssen, J.A.M., Jiménez-Alfaro, B., Knollová, I., Marcenò, C., Mucina, L., Rodwell, J.S., Tichý, L. & data providers (2016a). *Review of grassland habitats and development of distribution maps of heathland, scrub and tundra habitats of EUNIS habitats classification*. Report to the European Environmental Agency. Alterra WUR, Wageningen, the Netherlands.
- Schaminée, J.H.J., Chytrý, M., Dengler, J., Hennekens, S.M., Janssen, J.A.M., Jiménez-Alfaro, B., Knollová, I., Landucci, F., Marcenò, C., Rodwell, J.S., Tichý, L. & data-providers (2016b). *Development of distribution maps of grassland habitats of EUNIS habitat classification*. Report to the European Environmental Agency (EEA/NSV/16/005). Alterra WUR, Wageningen, the Netherlands.
- Sokal, R.R. & Rohlf, F.J. (1995). *Biometry*. 3rd ed. Freeman, New York, USA.
- Tichý, L. (2002). JUICE, software for vegetation classification. *Journal of Vegetation Science* 13: 451–453.
- Tichý, L. & Chytrý, M. (2006). Statistical determination of diagnostic species for site groups of unequal size. *Journal of Vegetation Science* 17: 809–818.
- Willner, W. (2011). Unambiguous assignment of relevés to vegetation units: the example of the Festuco-Brometea and Trifolio-Geranietea sanguinei. *Tuexenia* 31: 271–282.

**Appendix A: List of the revised EUNIS grassland habitat types, heathland, scrub and tundra habitat types, and forest habitat types**

New code	Old code	Habitat name	Map & Indicators species	EUNIS-Syntaxon crosswalk
R11	E11a	Pannonian and Pontic sandy steppe	x	x
R12	E11b	Cryptogam- and annual-dominated vegetation on siliceous rock outcrops	x	x
R13	E11d	Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops	x	x
R14	E11e	Perennial rocky grassland of the Italian Peninsula	x	x
R15	E11f	Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops	x	x
R16	E11g	Perennial rocky grassland of Central and South-Eastern Europe	x	x
R17	E11h	Heavy-metal dry grassland of the Balkans	x	x
R18	E11i	Perennial rocky calcareous grassland of subatlantic-submediterranean Europe	x	x
R19	E11j	Dry steppic submediterranean pasture of the Amphi-Adriatic region	x	x
R1A	E12a	Semi-dry perennial calcareous grassland (meadow steppe)	x	x
R1B	E12b	Continental dry grassland (true steppe)	x	x
R1C	E12c	Desert steppe	x	x
R1D	E13a	Mediterranean closely grazed dry grassland	x	x
R1E	E13b	Mediterranean tall perennial dry grassland	x	x
R1F	E13c	Mediterranean annual-rich dry grassland	x	x
R1G	E15a	Iberian oromediterranean siliceous dry grassland	x	x
R1H	E15b	Iberian oromediterranean basiphilous dry grassland	x	x
R1J	E15c	Cyrno-Sardean oromediterranean siliceous dry grassland	x	x

R1K	E15d	Balkan and Anatolian oromediterranean dry grassland	x	x
R1L	E15e	Madeiran oromediterranean siliceous dry grassland	x	x
R1M	E17	Lowland to montane, dry to mesic grassland usually dominated by <i>Nardus stricta</i>	x	x
R1N	E18	Open Iberian supramediterranean dry acid and neutral grassland	x	x
R1P	E19a	Oceanic to subcontinental inland sand grassland on dry acid and neutral soils	x	x
R1Q	E19b	Inland sanddrift and dune with siliceous grassland	x	x
R1R	E1A	Mediterranean to Atlantic open, dry, acid and neutral grassland	x	x
R1S	E1B	Heavy-metal grassland in Western and Central Europe	x	x
R1T	E1F	Azorean open, dry, acid to neutral grassland	x	x
R21	E21	Mesic permanent pasture of lowlands and mountains	x	x
R22	E22	Low and medium altitude hay meadow	x	x
R23	E23	Mountain hay meadow	x	x
R24	E24	Iberian summer pasture (vallicar)	x	x
R31	E31a	Mediterranean tall humid inland grassland	x	x
R32	E32a	Mediterranean short moist grassland of lowlands	x	x
R33	E32b	Mediterranean short moist grassland of mountains	x	x
R34	E33	Submediterranean moist meadow	x	x
R35	E34a	Moist or wet mesotrophic to eutrophic hay meadow	x	x
R36	E34b	Moist or wet mesotrophic to eutrophic pasture	x	x
R37	E35	Temperate and boreal moist or wet oligotrophic grassland	x	x
R41	E41	Snow-bed vegetation	x	x
R42	E43a	Boreal and arctic acidophilous alpine grassland	x	x
R43	E43b	Temperate acidophilous alpine grassland	x	x
R44	E44a	Arctic-alpine calcareous grassland	x	x



R45	E44b	Alpine and subalpine calcareous grassland of the Balkans and Apennines	x	x
R51	E52a	Thermophilous forest fringe of base-rich soils	x	x
R52	E52b	Forest fringe of acidic nutrient-poor soils	x	x
R53	E52c	Macaronesian thermophilous forest fringe	x	x
R54	E53	Pteridium aquilinum vegetation	x	x
R55	E54	Lowland moist or wet tall-herb and fern fringe	x	x
R56	E55	Montane to subalpine moist or wet tall-herb and fern fringe	x	x
R57	E56	Herbaceous forest clearing vegetation	x	
R61	E61	Mediterranean inland salt steppe	x	x
R62	E62	Continental inland salt steppe	x	x
R63	E63	Temperate inland salt marsh	x	x
R64	E64	Semi-desert salt pan	x	x
R65	E65	Continental subsaline alluvial pasture and meadow	x	x
R71	E71	Temperate wooded pasture and meadow		
R72	E72	Hemiboreal and boreal wooded pasture and meadow		
R73	E73	Mediterranean wooded pasture and meadow		
S11	F11	Shrub tundra	x	x
S12	F12	Moss and lichen tundra	x	x
S21	F21	Subarctic and alpine dwarf Salix scrub	x	x
S22	F22a	Alpine and subalpine ericoid heath	x	x
S23	F22b	Alpine and subalpine Juniperus scrub	x	x
S24	F22c	Subalpine genistoid scrub of the Amphi-Adriatic region	x	x
S25	F23	Subalpine and subarctic deciduous scrub	x	x
S26	F24	Subalpine Pinus mugo scrub	x	x
S27		Krummholz with conifers other than Pinus mugo		
S31	F31a	Lowland to montane temperate and submediterranean Juniperus scrub	x	x
S32	F31b	Temperate Rubus scrub	x	x
S33	F31c	Lowland to montane temperate and submediterranean genistoid scrub	x	x

S34	F31d	Balkan-Anatolian submontane genistoid scrub	x	x
S35	F31e	Temperate and submediterranean thorn scrub	x	x
S36	F31f	Low steppic scrub	x	x
S37	F31g	Corylus avellana scrub	x	x
S38	F31h	Temperate forest clearing scrub	x	x
S41	F41	Wet heath	x	x
S42	F42	Dry heath	x	x
S43	F43	Macaronesian heath	x	x
S51	F51	Mediterranean maquis and arborescent matorral	x	x
S52	F53	Submediterranean pseudomaquis	x	x
S53	F54	Spartium junceum scrub	x	x
S54	F55	Thermomediterranean arid scrub	x	x
S61	F61a	Western basiphilous garrigue	x	x
S62	F61b	Western acidophilous garrigue	x	x
S63	F62	Eastern garrigue	x	x
S64	F65	Macaronesian garrigue	x	x
S65	F67	Mediterranean gypsum scrub	x	x
S66	F68a	Mediterranean halo-nitrophilous scrub	x	x
S67	F68b	Aralo-Caspian semi-desert	x	x
S68	F68c	Semi-desert sand dune with sparse scrub	x	x
S71	F71	Western Mediterranean spiny heath	x	x
S72	F73	Eastern Mediterranean spiny heath (phrygana)	x	x
S73	F74a	Western Mediterranean mountain hedgehog-heath	x	x
S74	F74b	Central Mediterranean mountain hedgehog-heath	x	x
S75	F74c	Eastern Mediterranean mountain hedgehog-heath	x	x
S76	F74d	Canarian mountain hedgehog-heath	x	x
S81	F81	Canarian xerophytic scrub	x	x
S82	F82	Madeiran xerophytic scrub	x	x
S91	F91	Temperate riparian scrub	x	x
S92	F92	Salix fen scrub	x	x
S93	F93	Mediterranean riparian scrub	x	x
S94	F94	Semi-desert riparian scrub	x	x

T11	G11	Temperate Salix and Populus riparian forest	x	x
T12	G12a	Alnus glutinosa-Alnus incana forest on riparian and mineral soils	x	x
T13	G12b	Temperate hardwood riparian forest	x	x
T14	G13	Mediterranean and Macaronesian riparian forest	x	x
T15	G14	Broadleaved swamp forest on non-acid peat	x	x
T16	G15	Broadleaved mire forest on acid peat	x	x
T17	G16a	Fagus forest on non-acid soils	x	x
T18	G16b	Fagus forest on acid soils	x	x
T19	G17a	Temperate and submediterranean thermophilous deciduous forest	x	x
T1A	G17b	Mediterranean thermophilous deciduous forest	x	x
T1B	G18	Acidophilous Quercus forest	x	x
T1C	G19a	Temperate and boreal mountain Betula and Populus tremula forest on mineral soils	x	x
T1D	G19b	Southern European mountain Betula and Populus tremula forest on mineral soils	x	x
T1E	G1Aa	Carpinus and Quercus mesic deciduous forest	x	x
T1F	G1Ab	Ravine forest	x	x
T1G	G1Ba	Alnus cordata forest	x	x
T1H	G1C	Broadleaved deciduous plantation of non site-native trees	x	x
T1J		Deciduous self sown forest of non site-native trees		
T1K		Broadleaved deciduous plantation of site-native trees		
T21	G21	Mediterranean evergreen Quercus forest	x	x
T22	G22	Mainland laurophyllous forest	x	x
T23	G23	Macaronesian laurophyllous forest	x	x
T24	G24	Olea europaea-Ceratonia siliqua forest	x	x
T25	G25a	Phoenix theophrasti vegetation	x	x
T26	G25b	Phoenix canariensis vegetation	x	x
T27	G26	Ilex aquifolium forest	x	x
T28	G27	Macaronesian heathy forest	x	x
T29	G28	Broadleaved evergreen plantation of non site-native trees	x	

T2A		Broadleaved evergreen plantation of site-native trees		
T31	G31a	Temperate mountain <i>Picea</i> forest	x	x
T32	G31b	Temperate mountain <i>Abies</i> forest	x	x
T33	G31c	Mediterranean mountain <i>Abies</i> forest	x	x
T34	G32	Temperate subalpine <i>Larix</i> , <i>Pinus cembra</i> and <i>Pinus uncinata</i> forest	x	x
T35	G34a	Temperate continental <i>Pinus sylvestris</i> forest	x	x
T36	G34b	Temperate and submediterranean montane <i>Pinus sylvestris</i> - <i>Pinus nigra</i> forest	x	x
T37	G34c	Mediterranean montane <i>Pinus sylvestris</i> - <i>Pinus nigra</i> forest	x	x
T38	G34d	Mediterranean montane <i>Cedrus</i> forest	x	x
T39	G36	Mediterranean and Balkan subalpine <i>Pinus heldreichii</i> - <i>Pinus peuce</i> forest	x	x
T3A	G37	Mediterranean lowland to submontane <i>Pinus</i> forest	x	x
T3B	G38	<i>Pinus canariensis</i> forest	x	x
T3C	G39a	<i>Taxus baccata</i> forest	x	x
T3D	G39b	Mediterranean Cupressaceae forest	x	x
T3E	G39c	Macaronesian <i>Juniperus</i> forest	x	x
T3F	G3A	Dark taiga	x	x
T3G	G3B	<i>Pinus sylvestris</i> light taiga	x	x
T3H	G3C	<i>Larix</i> light taiga	x	x
T3J	G3Da	<i>Pinus</i> and <i>Larix</i> mire forest	x	x
T3K	G3Db	<i>Picea</i> mire forest	x	x
T3L		Coniferous self sown forest of non site-native trees		
T3M	G3F1	Coniferous plantation of non site-native trees	x	
T3N	G3F2	Coniferous plantation of site-native trees		
T41	G56	Early-stage natural and semi-natural forest and regrowth		
T42	G57	Coppice and early stage plantations		
T43	G58	Recently felled areas		

**Appendix B: Descriptions of the revised EUNIS grassland habitat types, heathland, scrub and tundra habitat types, and forest habitat types**

New code	Old code	New name	Description
R11	E11a	Pannonian and Pontic sandy steppe	Rather open steppe grassland dominated by perennial tussock grasses and herbs, with frequent spring annuals and cryptogams, typical of nutrient-poor, sandy soils on plains and dunes through the Pannonian, Pontic and southern Baltic regions. The climate is strongly continental with cold winters, often with long frosts and shallow snow, and hot, droughty summers. Traditionally used for extensive grazing by stock, particularly sheep, but now widely abandoned.
R12	E11b	Cryptogam- and annual-dominated vegetation on siliceous rock outcrops	Open pioneer grassland dominated by perennial succulents and annuals, with subordinate small tussock grasses, sometimes geophytes and often a prominent contingent of cryptogams. Typically forming small stands on very shallow and skeletal, impoverished, acid soils on siliceous rock outcrops, eroded slopes and disturbed or artificial habitats like soil heaps and wall tops, the habitat occurs throughout temperate and boreal Europe up to the sub-alpine level, in situations where the permeable soils dry quickly in summer, but where spring rains can permit a quick flush of growth by the annuals.
R13	E11d	Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops	Open pioneer grassland with perennial succulents and spring annuals, subordinate small tussock grasses and herbs, and often with a very prominent and rich contingent of cryptogams. Typically found in small patches on very shallow and skeletal, impoverished, base-rich soils on a wide variety of base-rich and sometimes ultramafic bedrocks, and similar artificial habitats like quarry spoil and wall-tops. It is found from the hemiboreal to the submediterranean, occurring mainly at higher altitudes further south.

R14	E11e	Perennial rocky grassland of the Italian Peninsula	Unique to base-rich bedrocks in the Italian Peninsula (and maybe Sicily) and best developed within the submediterranean bioclimatic zone, this grassland is variously dominated by perennial grasses and herbs, or mat formers and sub-shrubs on steeper, rockier ground. Generally species-rich, and sometimes with contingents of annuals and, in disturbed places, geophytes, the habitat sometimes hosts endemic plants. Developed through clearance of broadleaved and mixed forest it is maintained by traditional grazing in a distinctive cultural landscape.
R15	E11f	Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops	Usually open vegetation dominated by perennial mat-forming continental steppe plants on free-draining base-rich soils of rocky chalk outcrops in the Don and (probably) Volga basins.
R16	E11g	Perennial rocky grassland of Central and South-Eastern Europe	Open grassland generally dominated by perennial grasses with rich mixtures of associated rosette herbs, mat-formers and geophytes, and towards southern Europe especially, annuals. It occurs on shallow, impoverished soils over both calcareous and siliceous bedrocks, through the lowlands and submontane zone of central and southern Europe, best developed on steeper ground uncongenial for agriculture, but extended where forest clearance and grazing, particularly by goats, have been part of traditional farming.
R17	E11h	Heavy-metal dry grassland of the Balkans	Grassland confined to droughty, nutrient-poor soils rich in heavy metals derived from ultramafic rocks in the mountains of the Balkans and Cyprus with an open cover of grasses and forbs, including many endemics.
R18	E11i	Perennial rocky calcareous grassland of subatlantic-submediterranean Europe	Open grasslands, dominated by perennials and especially rich in mat-formers, typical of rudimentary, shallow, nutrient-poor, base-rich soils over sloping, rubbly limestone terrain through the lowland to submontane levels in subatlantic and submediterranean Europe where traditionally maintained by extensive grazing.

R19	E11j	Dry steppic submediterranean pasture of the Amphi-Adriatic region	Dry steppic pasture typical of sharply-draining, base-rich soils developed over valley sides, dolines and sink-holes around the Adriatic coasts where the submediterranean climate is characterised by late autumn and spring rains and summer drought. Dominated by often rich mixtures of graminoids, forbs and mat-formers, the habitat is dependent on extensive grazing and now often survives patchily among mosaics of scrub and forest.
R1A	E12a	Semi-dry perennial calcareous grassland (meadow steppe)	Semi-natural grassland on deeper and not so drought-prone, nutrient-poor, base-rich soils over limestones throughout the lowlands and sub-montane levels of submediterranean to hemiboreal Europe. Generally closed and dominated by mixtures of graminoids and forbs, often extremely species-rich, with many rare plants and sometimes striking contingents of orchids and varying much across the large range with different sets of continental or sub-mediterranean companions. Dependent on extensive grazing, usually with sheep, or on an annual mowing, and often developed over centuries of traditional pastoralism, contributing to some striking cultural landscapes.
R1B	E12b	Continental dry grassland (true steppe)	Steppe and steppe-like grassland on mostly base-rich soils over limestones, of varying depth and stoniness, occurring through the continental lowlands to sub-montane belts of Europe. Dominated by plants adapted to long periods of summer drought, mostly tall tussock grasses and perennial forbs, it shows wide variation in species composition and particular topographic location across the substantial range. In more extreme situations, the grasslands are natural, but they often sustain extensive grazing.

R1C	E12c	Desert steppe	Continental, temperate very dry zonal steppe, occurring in a transition belt between the true steppe region and the semi-desert region of the south-east of European Russia and the northern Caucasus, ranging further into Kazakhstan. Dominated by a combination of xerophytic tall and low grasses ( <i>Stipa</i> , <i>Koeleria</i> ) and xerophytic semi-shrubs ( <i>Artemisia</i> , <i>Tanacetum</i> ). Vegetation cover is relatively low, with most biomass belowground. Typically found on southern brown soil (chernozems) and light chestnut soils (kastanozems).
R1D	E13a	Mediterranean closely grazed dry grassland	Heavily-grazed pasture of the Mediterranean basin, mostly on silt and clay soils in the lowlands, dominated by rosette plants and small grasses tolerant of intensive herbivory and trampling. The soils are dry in summer which helps exclude nitrophilous plants that might be encouraged by dunging but, refreshed by autumn rains, the herbage remains green and productive through the winter, providing valuable forage. Companion plants vary widely across the large range.
R1E	E13b	Mediterranean tall perennial dry grassland	Grassland of impoverished, base-rich soils over various calcareous bedrocks through the Mediterranean region, where grazing and trampling sustain open or closed swards generally dominated by tall, dense tussock grasses that lend a steppe-like character. Summer drought and disturbance help prevent reversion to forest but can encourage the invasion of aliens.
R1F	E13c	Mediterranean annual-rich dry grassland	Usually ephemeral vegetation related to the yearly cycle of spring rains and summer drought through the Mediterranean zone where a high diversity of small annual plants make a brief colourful appearance on bare patches of mainly base-rich soils. The species composition varies greatly, according to the particular regional terrain and climate and the impact of traditional pastoralism.



R1G	E15a	Iberian oromediterranean siliceous dry grassland	Grassland of base-poor soils over siliceous bedrocks on the slopes and crests of high mountains in the Iberian Peninsula with a short growing season and harsh winters with strong winds which blow the ground free of snow and leave the surface subject to deep cold and the development of freeze-thaw features. The vegetation cover, moderately open to closed, is dominated by prostrate or dwarf grasses and forbs, and includes many endemics.
R1H	E15b	Iberian oromediterranean basiphilous dry grassland	Grassland of base-rich soils over calcareous bedrocks on the slopes and crests of high mountains in the Iberian Peninsula and France, with a short growing season and harsh winters when strong winds blow the ground free of snow and leave the surface subject to deep cold which encourages the development of freeze-thaw features. The vegetation cover, moderately open to closed, is dominated by prostrate or dwarf grasses and forbs, and includes many endemics.
R1J	E15c	Cyrno-Sardean oromediterranean siliceous dry grassland	Grassland of base-poor soils over siliceous bedrocks on the slopes and crests of high mountains in Corsica and (probably) Sardinia, with a short growing season and harsh winters when strong winds blow the ground free of snow and leave the surface subject to deep cold which encourages the development of freeze-thaw features. The cover of vegetation is intermediate to complete, dominated by prostrate herbs, cushion plants and dwarf shrubs, and includes many endemics.
R1K	E15d	Balkan and Anatolian oromediterranean dry grassland	Closed grassland of deeper acid soils occurring over various bedrocks above the tree-line on high mountain slopes and hollows in Greece and Anatolia where snow accumulates and provides springtime irrigation with melt-water. The vegetation is species-rich but the dominants and associates vary from place to place. It provides valuable summer grazing for traditional pastoralism.

R1L	E15e	Madeiran oromediterranean siliceous dry grassland	Highly distinctive tussocky grassland, rich in endemics, restricted to high mountains in Madeira, where it occurs in crevices and on ledges in silicate volcanics where the soils are kept permanently moist by the very humid climate. Typically occurring in mosaics with heaths and forests, the decline of domestic goat grazing has favoured its extension into what were once more accessible situations.
R1M	E17	Lowland to montane, dry to mesic grassland usually dominated by <i>Nardus stricta</i>	Usually dominated by the tightly tussocky <i>Nardus stricta</i> , this grassland is characteristic of nutrient-poor, acidic soils, sometimes seasonally wet, on siliceous substrates through the entire lowlands and sub-montane zone of temperate Europe, though optimally developed in the cooler and rainier climate of the atlantic zone. Other grasses may share dominance but the associated flora is generally rather species-poor and related to the type and intensity of grazing.
R1N	E18	Open Iberian supramediterranean dry acid and neutral grassland	Dominated by small tussock grasses, forbs and mat-formers, including many endemics, this grassland occurs on shallow skeletal soils, nutrient-poor and drought-prone, developed over outcrops of siliceous and ultramafic bedrocks at moderate to high altitudes in the western Iberian Peninsula. Traditionally part of pastoral landscapes, grazed mostly by sheep.
R1P	E19a	Oceanic to subcontinental inland sand grassland on dry acid and neutral soils	Moderately open to closed grassland on nutrient-poor sandy soils, mostly acid to neutral though sometimes calcareous, on plains, river terraces and cliffs through the lowlands and sub-montane belts of temperate Europe. Narrow-leaved, tussocky graminoids dominate, associated herbs can be very numerous and more open swards can have rich annual and cryptogam floras. Across the wide range, there is considerable variety among the dominants and companions and the extreme topoclimate can provide a western outpost for steppe elements.

R1Q	E19b	Inland sanddrift and dune with siliceous grassland	Usually sparse grasslands on sand drifts among inland dunes and other open landscapes, mainly in the north central European lowlands, where the nutrient-poor and highly acidic surface is prone to wind erosion and hot droughty summers, forming a highly distinctive 'Atlantic desert' landscape. Soil development is very slow, pioneer moss vegetation succeeded by an open cover of small tussocky grasses, often with rich contingents of lichens on the compacted surface. Military training zones and abandoned lignite areas provide new situations.
R1R	E1A	Mediterranean to Atlantic open, dry, acid and neutral grassland	Usually ephemeral vegetation related to the yearly cycle of spring rains and summer drought through the western Mediterranean and more fragmentarily into the atlantic and continental zones where a high diversity of small annual plants make a brief colourful appearance on bare patches of nutrient-poor, acidic soils. Typically, the habitat occurs as small patches in intimate mosaics with heath and scrub and has provided a valuable supplementary resource for sheep at lambing time.
R1S	E1B	Heavy-metal grassland in Western and Central Europe	Short open sward with a distinctive metallophyte component, occurring on shallow, skeletal soils over natural rock exposures with heavy metals in western and central Europe, on mine spoil or ground contaminated by dust and waters from such sources. Typically occurs locally in other landscapes, colonising slowly and sustained by the extreme environment, though also sometimes dependent on grazing by wild herbivores for maintaining early successional stages which are richer in cryptogams.
R1T	E1F	Azorean open, dry, acid to neutral grassland	Ungrazed grassland, with mixtures of grasses, herbs and mat-formers, including many endemics which may dominate, confined to the Azores where it is characteristic of exposed or unstable rocky slopes, ledges and landslips with nutrient-poor acid soils. The species composition varies according to the altitude and climate, rock type and stability of the terrain.

R21	E21	Mesic permanent pasture of lowlands and mountains	The most common and widespread kind of traditionally managed pasture on deeper, well-drained mesic soils throughout temperate Europe, with many local types related to regional climate, terrain and pastoral traditions. Typically dominated by mixtures of productive grasses and herbs, it can be species-rich with distinctive scarce and rare plants where low input grazing and dunging are maintained. Often once part of wider pastoral landscapes with distinctive associated meadows, it is now widely transformed by intensive grazing and transitions are commonplace.
R22	E22	Low and medium altitude hay meadow	The most common and widespread kind of traditionally managed meadow in deeper, well-drained mesic soils throughout the lowlands and foothills of temperate Europe, with many local types differing according to regional climate, terrain and mowing traditions. Typically dominated by mixtures of productive grasses and herbs, it can be very species-rich with distinctive scarce and rare plants where traditional regimes of mowing, grazing and dunging are maintained. Often once part of wider agricultural landscapes with distinctive associated pastures, it is now widely transformed by shifts to silage production and transitions to intensive silage grasslands are commonplace.
R23	E23	Mountain hay meadow	The typical kind of traditionally-managed meadow on deep, well-drained, mesic soils throughout the mountains of northern and central Europe where there is a short cool growing season. There are many local types differing according to regional climate, terrain and farming traditions but the vegetation is typically dominated by mixtures of productive grasses and herbs, and can be species-rich with distinctive scarce and rare plants where traditional regimes of mowing, grazing and dunging are maintained. Often once part of wider agricultural landscapes with distinctive associated pastures, good examples of the habitat now often survive more fragmentarily and transitions to improved silage grassland are widespread.

R24	E24	Iberian summer pasture (vallicar)	Highly distinctive tall grass pasture and meadow associated with traditional cattle rearing in the lowlands and foothills of western Iberia where a mediterranean or submediterranean climate and the long-established grazing and occasional mowing regimes sustain a striking contingent of regional plants and association with dehesa. The substrate is sandy or clayey, often subject to temporary flooding with rapid dessication, conditions which affect the pattern of grass dominance.
R31	E31a	Mediterranean tall humid inland grassland	Rush- and tall grass-dominated vegetation of seasonally waterlogged soils, mostly acidic, occurring in depressions throughout the Mediterranean basin. Though not dependent on grazing, it can be a valuable source of fodder for cattle and sheep in traditional pastoral systems during summer when other pastures are dried up.
R32	E32a	Mediterranean short moist grassland of lowlands	Short species-rich grassy sward, traditionally sustained by heavy grazing, on clay soils through the Mediterranean region where there is winter waterlogging and distinctive surface cracking in the droughty summer.
R33	E32b	Mediterranean short moist grassland of mountains	Closed tussocky grassland of moist ground at high altitudes in the west Mediterranean which, remaining green through the summer, provide valuable grazing for transhumant cattle and sheep.
R34	E33	Submediterranean moist meadow	Moist meadows of sandy to clayey, mesotrophic to eutrophic soils on riverside terraces and gentle slopes, mainly within the lowlands and sub-montane zone of south-eastern Europe, extending westwards to central Italy. Winter and spring flooding is common but later in the season the ground may dry up and become locally saline. The species composition reflects regional differences in temperature and rainfall but patterns of mowing and grazing can also affect the species composition.

R35	E34a	Moist or wet mesotrophic to eutrophic hay meadow	Meadows of moist, sometimes seasonally flooded, nutrient-rich soils on floodplains and in brook-valleys throughout lowland and submontane Europe. Traditionally cut for hay, though sometimes also light grazed in late summer and autumn, the vegetation is often species-rich with a diverse associated invertebrate fauna attracted by the abundance of flowers. Often once part of wider agricultural landscapes with distinctive associated pastures, good examples of the habitat now often survive more fragmentarily and transitions to improved silage grassland on flood-protected land are widespread.
R36	E34b	Moist or wet mesotrophic to eutrophic pasture	Pastures of moist to wet, mesotrophic to eutrophic soils, generally inundated during winter and spring, on floodplains, lake shores and ditchesides throughout temperate Europe, sometimes with a brackish influence. Grazing is mostly by cattle which can strongly affect the nutrient status and compaction of the soil and plants tolerant of inundation and trampling dominate here with a paucity of attractive flowers and a poor associated invertebrate fauna.
R37	E35	Temperate and boreal moist or wet oligotrophic grassland	Meadows and pastures of less nutrient-rich soils, wet for much of the year, though not inundated by floodwaters and drying out in summer, especially in more continental regions. The soils may be somewhat acidic to base-rich, sometimes peaty above, and through the lowlands and sub-montane zones of Europe, they have been part of wider landscapes among fens and drier grasslands. Less productive than flood meadows, they are mown just once a year, and towards the west of the range, often just lightly grazed, but they can be species-rich with some characteristic and striking species.

R41	E41	Snow-bed vegetation	Vegetation on skeletal, sometimes humic, soils developed beneath late-lying snow patches in boreal and arctic mountains and the subarctic lowlands of Europe. Dominated by grasses, sedges, herbs and cryptogams, the species composition depends on regional climate, altitude, bedrock and soil type, and sometimes includes endemics, particular on high south European peaks.
R42	E43a	Boreal and arctic acidophilous alpine grassland	Boreal and arctic acidophilous alpine grasslands, dominated by low graminoids and herbs, characteristic of shallow mostly base-poor soils with thick late snow-lie, occurring through the high mountains of Fennoscandia, Iceland and Scotland.
R43	E43b	Temperate acidophilous alpine grassland	Grassland and dwarf chamaephyte vegetation on skeletal and shallow soils over predominantly siliceous bedrocks in the alpine belt throughout the temperate mountains of Europe, typical of the highest summits and ridges, often very exposed to strong winds and largely blown clear of snow in the winter.
R44	E44a	Arctic-alpine calcareous grassland	Grasslands on shallow, highly calcareous soils on limestone or dolomite slopes and ridges in the alpine or subalpine belts of the high mountains of the nemoral zone, being best developed in the Alps, but occurring also in the Carpathians and Pyrenees, with small fragmentary stands also in the Sudetes and in Scotland. Grasses and sedges dominate, along with numerous small herbs, the cover varying from sparse to complete according to the soil depth.
R45	E44b	Alpine and subalpine calcareous grassland of the Balkans and Apennines	Grass-dominated vegetation of base-rich soils in the high mountains in the Balkans and Apennines including both primary vegetation above the tree-line but also secondary grasslands maintained by grazing at lower altitudes.

R51	E52a	Thermophilous forest fringe of base-rich soils	Fringe communities on neutral to base-rich, only moderately nutrient-rich, soils in the transition zone between forests and open habitats or in similar situations alongside cliffs and on roadsides, occurring across large parts of lowland north-west Europe, but also extending into more continental regions where they fringe more open thermophilous forests, and into cooler montane levels to the south and south-east. Typically comprising half-shade plants, other species of neighbouring habitats can also find a place and, in calcareous landscapes, the vegetation can be more species-rich, harbouring a lot of rare and/or endangered species. vegetation. Dependent on grazing or mowing for preventing succession.
R52	E52b	Forest fringe of acidic nutrient-poor soils	Fringe vegetation of semi-shaded forest margins and similar situations on acidic, nutrient-poor soils in the cooler atlantic and subatlantic regions of Europe, becoming rare and more species-poor further east. It is generally dominated by bulky grasses and tall herbs, rather species-poor, and ultimately dependent on extensive grazing or occasional mowing to prevent encroachment by shrubs and trees that threaten denser shade.
R53	E52c	Macaronesian thermophilous forest fringe	Perennial herbaceous communities of the warm half-shade of forest fringes and clearings of Macaronesian laurel forests in the Canary Islands, Azores and Madeira. It is found as sunnier micro-sites in or along humid woodland edges but is dependent on forest litterfall producing somewhat mesotrophic conditions.
R54	E53	<i>Pteridium aquilinum</i> vegetation	Dense species-poor stands of bracken ( <i>Pteridium aquilinum</i> ), naturally a lowland European forest fern which, when not held in check by dense shade and lacking the traditional management of cutting and trampling by cattle, readily establishes itself as a dominant, spreading vigorously by rhizome extension and producing deep litter, a feature now of many pastoral landscapes less traditionally managed than before.



R55	E54	Lowland moist or wet tall-herb and fern fringe	Tall-herb and fern-dominated communities of moist, sometimes flooded, nutrient-rich soils in the lowlands and lower mountain areas of Europe, up to the subalpine zone, through the nemoral, boreal and submediterranean regions. The relatively species-rich vegetation may be found in river floodplains, along smaller watercourses, in the shade at the edge of forests, often as narrow strips, and, as secondary vegetation after the abandonment of pastures and especially meadows. The species composition is quite diverse, depending on the altitude, geographic distribution and location in the landscape.
R56	E55	Montane to subalpine moist or wet tall-herb and fern fringe	Tall forb and fern vegetation of moist, fertile soils in relatively cool and humid situations through high levels of the mountain ranges of Europe, having its optimum in the subalpine zone but also occurring in the arctic lowlands of Scandinavia. Typically found as strips along streams and on the edges of forests, in the shelter of large rocks, on mountain ledges and under scrub, sometimes also fringing snowbeds where it benefits from protection from winter frosts. The vegetation is often very rich in species and hosts many local and regional endemics, as well as widespread montane plants. Vulnerable to grazing by wild herbivores and stock, but often protected by its remoteness.
R57	E56	Herbaceous forest clearing vegetation	Short-lived herbaceous communities colonizing recent forest clearings

R61	E61	Mediterranean inland salt steppe	Halophyte vegetation of inland situations in the Mediterranean region where the soils of flats or gentle hollows are permeated by waters laden with soluble salts from underlying substrates, and are then subject to extreme summer drought, with surface efflorescence of crystalline deposits. The vegetation can be rich in endemics, but the particular species composition depends on the regional climate and local soil conditions and there is often a distinctive seasonal pattern of growth and zonation around the hollows. In some regions, the vegetation has provided valuable grazing for sheep and goats in summer drought.
R62	E62	Continental inland salt steppe	Salt steppe of the Pannonian biogeographic region, characteristic of solonetz soils, saturated, even shallow flooded, by soluble carbonates in spring, then drying in summer with surface cracking. According to variations in salinity, slope and erosion by spring floods, the vegetation is a complex mosaic of grasslands and more halophytic herb communities, rich in endemic species and plant communities. Traditionally part of the pastoral landscape of older breeds of cattle.
R63	E63	Temperate inland salt marsh	Inland salt marsh and meadow of temperate and continental regions, characteristic of situations where fossil salt lies close to the surface or where relict sea water is present, resulting in brackish or saline ground and surface water. In more continental regions inland salt pans are more common, where the habitat is found in depressions within a matrix of salt steppes and as sub-halophytic meadows. Elsewhere in Europe, the habitat can be found in association with a variety of salty bedrocks and also on abandoned salt workings. The species composition is very varied according to the regional climate and particular site conditions.

R64	E64	Semi-desert salt pan	Azonal, mosaic habitat of halophytic chenopod scrub and saline grassland in the semi-desert zones of south-eastern Europe. Vegetation is a combination of open annual and perennial halophytic communities and more closed grassland. Occurring on so-called solonchak soils, in poorly drained, saline or hypersaline depressions and on shores of rivers and lakes.
R65	E65	Continental subsaline alluvial pasture and meadow	Subsaline, perennial grassland of river valleys and other depressions in the steppe and semi-desert region. Dominated by perennial herbs, typically including <i>Glycyrrhiza glabra</i> . Occurring on terraces and elevations in river valleys where this grassland is flooded for a short period in some years and on non-alluvial soils that are temporarily wet.
R71	E71	Temperate wooded pasture and meadow	A very diverse landscape-scale habitat occurring across the nemoral zone of Europe where different traditions of grazing, mowing and silviculture have together created distinctive associations of trees growing among pastures and meadows. Such wood-pastures, wooded steppes, park meadows, grazed orchards, parklands and open hunting forests, variously managed for stock rearing, hay production, coppice and timber products, represent highly distinctive social and economic histories and can express great cultural traditions. Species-rich types occur, including contingents of epiphytic plants growing on veteran trees but, even where the components are more commonplace, the combinations of floristic and structural elements are striking.

R72	E72	Hemiboreal and boreal wooded pasture and meadow	Open wooded landscapes of the lowlands, foothills and mountains of the boreal zone, traditionally managed for grazing, hay-making and forest products, mainly by pollarding. Diverse very open canopies of broadleaved and coniferous trees, including veterans sometimes with rich epiphytic cryptogam floras, often with few or no associated shrubs, occur scattered over pasture and meadow vegetation. Long traditions of complex interactions and cultural associations make these landscapes both dynamic and distinctive.
R73	E73	Mediterranean wooded pasture and meadow	Open wooded landscapes created and maintained through combinations of traditional grazing, hay-making and tree management in the Mediterranean region. Variations in the local climate, topography and interventions, and the accumulation of long cultural traditions of use have resulted in a variety of highly distinctive types such as the dehesas of Spain and montados of Portugal. Typically the tree canopy is of evergreen broadleaved trees, variously with veterans, pollards or coppice, often with elements of sclerophyllous scrub beneath, and perennial and annual grasses and herbs in the field layer. In some traditions, there can even be small arable areas.
S11	F11	Shrub tundra	Tundra with a usually extensive cover of sub-shrubs or low shrubs over herbs, mosses and lichens on sporadically permafrost soils of the southern arctic and subarctic zones, often grazed into grassy mosaics.
S12	F12	Moss and lichen tundra	Tundra of the middle and northern high arctic zone where permafrost soils, often occurring in patterned ground, support a frequently sparse cover of mosses, lichens and low herbs.

S21	F21	Subarctic and alpine dwarf Salix scrub	Salix-dominated dwarf scrub, often with abundant bryophytes and lichens, on skeletal calcareous or siliceous soils in late snow beds with a short growing-season, occurring in the subarctic north of the forest zone and in the high mountains of nemoral Europe, increasingly local and fragmentary to the south.
S22	F22a	Alpine and subalpine ericoid heath	Dwarf-shrub vegetation dominated by ericoids and other woody species (not Juniperus or genistoids) occurring in high mountains throughout Europe, varying in dominants and associates according to regional climate, degree of exposure and snow lie, soil reaction, soil depth and moisture.
S23	F22b	Alpine and subalpine Juniperus scrub	Juniper-dominated vegetation of the montane to sub-alpine belts of European mountains, occurring as primary vegetation tolerant of both high exposure and snow-lie, but also a secondary derivative of deforested, long-grazed and eroded ground at high altitudes.
S24	F22c	Subalpine genistoid scrub of the Amphi-Adriatic region	Genistoid heath and scrub of high mountains in Italy and the Balkans, often in primary grassy mosaics at higher altitudes, but also extending below the timberline where wood-cutting and grazing open up the forest cover and sustain the vegetation as an anthropogenic replacement.
S25	F23	Subalpine and subarctic deciduous scrub	Low scrub, including krummholz, dominated by various deciduous trees and shrubs, on moist but free-draining, sometimes quite fertile, soils on high mountain slopes throughout Europe, often with long snow-lie and prone to natural disturbance due to avalanche and scree slides, after which it is well able to recover and recolonise. The associated flora can be rich in tall mountain herbs. It can also be found as a secondary succession stage in abandoned subalpine pastures and meadows.

S26	F24	Subalpine <i>Pinus mugo</i> scrub	<i>Pinus mugo</i> krummholz on mineral soils with long snow-lie above the tree line through the mountains of central and south-eastern Europe. Woody and herbaceous associates and the sometimes abundant bryophyte layer vary according to the base-richness of the soils and ground moisture.
S27		Krummholz with conifers other than <i>Pinus mugo</i>	Krummholz on mineral soils with long snow-lie above the tree line with coniferous species other than <i>Pinus mugo</i> (eg <i>Pinus sylvestris</i> , <i>Picea abies</i> ) which are usually trees. Woody and herbaceous associates and the sometimes abundant bryophyte layer vary according to the base-richness of the soils and ground moisture.
S31	F31a	Lowland to montane temperate and submediterranean <i>Juniperus</i> scrub	<i>Juniperus communis</i> scrub on nutrient-poor sandy and calcareous soils through the temperate and submediterranean lowlands and foothills of Europe. The juniper can be very patchy in occurrence, often related to past land-use, and with a striking variety of growth forms, the associated flora being very diverse according to soil base-status, sharing much in common, where the scrub is open, with local calcicolous grasslands or heath.
S32	F31b	Temperate <i>Rubus</i> scrub	Low <i>Rubus</i> -dominated scrub, deciduous or sometimes evergreen, of successions and ecotones in a wide variety of semi-natural landscapes through the atlantic zone and elsewhere in sub-montane Europe where a locally moist climate prevails. <i>Rubus</i> is an enormously diverse genus of often apomictic and endemic taxa with associated floras related to soil base-status and moisture.
S33	F31c	Lowland to montane temperate and submediterranean genistoid scrub	Low scrub dominated by various woody legumes on mostly sharply-draining, nutrient-poor acidic soils through the temperate and submediterranean lowlands and mediterranean foothills of Europe. To the north the vegetation is usually found in successions or ecotones within pastoral landscapes and is often rather species-poor; further south, the scrub can occur as a more persistent or repeatedly renewed habitat among rocky or unstable hill-slopes with richer associated floras.

S34	F31d	Balkan-Anatolian submontane genistoid scrub	Open scrub, dominated by <i>Genista rumelica/lydia</i> endemic to steep rocky slopes and scree, and also degraded forest, in the lowlands and foothills of the south-eastern Balkans, on various soils but especially rich on limey substrates where calcicolous grassland species figure strongly among the associated flora.
S35	F31e	Temperate and submediterranean thorn scrub	Scrub dominated by a diversity of mostly thorny shrubs, small trees and saplings, in successions and ecotones on mesic soils in a wide variety of semi-natural landscapes through the temperate and submediterranean lowlands of Europe but sometimes extending to higher altitudes, as with the Balkan šibljak. The dominants and associated floras vary widely with differences in regional climate and soils.
S36	F31f	Low steppic scrub	Low scrub, dominated by various, often clonal, shrubs frequently forming patches in locally mesic and sheltered situations within the dry grasslands of the steppe zone of central and eastern Europe. It can form a persistent natural landscape element or develop after abandonment of pasturing.
S37	F31g	<i>Corylus avellana</i> scrub	Low scrub dominated by <i>Corylus avellana</i> , permanently maintained by exposure to winds and on shallow soils along the north Atlantic coast and locally on rocky slopes and cliffs through the continental region.
S38	F31h	Temperate forest clearing scrub	Often dense scrub of shrubs and small trees invading after natural or anthropogenic clearance in forests of the temperate zone.
S41	F41	Wet heath	Heath with prominent <i>Erica tetralix</i> on shallow, acid, nutrient-poor peats and peaty mineral soils, kept moist for much of the year and often seasonally waterlogged, through the atlantic and subatlantic lowlands and foothills of Europe. Typically occurring in wet depressions and seepage areas within dry heaths or as a marginal zone around bogs where drainage of deeper peats can increase its extent. In milder oceanic climates, other <i>Erica</i> and <i>Ulex</i> spp. occur in richer humid heath. Frequently influenced by grazing and sod-cutting.

S42	F42	Dry heath	Heath dominated by various ericaceous sub-shrubs on free-draining, nutrient-poor, acid sands and siliceous soils through the lowlands and foothills of western and central Europe, extending northwards in more oceanic situations and into continental regions at higher rainier altitudes. Very often influenced by grazing and burning and frequently a secondary vegetation type derived by clearance of acidophilous forest and maintained anthropogenically.
S43	F43	Macaronesian heath	Shrubby vegetation on thin soils in the Azores, Madeira and Canary Islands, colonising pyroclastic debris, lava, rock outcrops and landslips, sometimes cyclically renewed by further disturbance or seral to forest. Floristically diverse between and within the archipelagos.
S51	F51	Mediterranean maquis and arborescent matorral	Evergreen sclerophyllous or laurophyllous shrub vegetation forming a dense closed canopy, with or without low emergent trees, on a wide variety of substrates and soils through the thermo- to mesomediterranean belts. May be permanent primary vegetation on xeric sites but is usually derived by degradation of evergreen deciduous or coniferous forest and much influenced in structure and composition by grazing and fire.
S52	F53	Submediterranean pseudomaquis	Mixed deciduous and evergreen scrub of shallow, rocky, mostly calcareous soils in the lowlands and foothills of southern Europe, particularly the east. Usually derived by forest degradation and much affected in structure and composition by grazing, fire and logging.
S53	F54	Spartium junceum scrub	Scrub dominated by <i>Spartium junceum</i> , typical of disturbed, open, sunny situations on a wide variety of soils through the mediterranean and submediterranean zones, where its rapid establishment is favoured by post-fire seed germination, aggressive rooting, nitrogen-fixation and unpalatability.



S54	F55	Thermomediterranean arid scrub	Scrub with a usually low and rather open cover of shrubs with sub-shrubs, dwarf shrubs and herbs between, on dry soils of varied composition through the thermomediterranean zone, and of very diverse local composition. Primary and permanent in more arid and exposed situations, but can be successional to forest and often much affected by grazing.
S61	F61a	Western basiphilous garrigue	Sub-shrub vegetation dominated by nanophanerophytes and chamaephytes on thin, base-rich soils through the western thermo- to mesomediterranean belts, very diverse in composition with differences in local climate and soils. In rockier situations, it can be a permanent coloniser but is often derived from forest clearance and is much affected by grazing and fire.
S62	F61b	Western acidophilous garrigue	Sub-shrub vegetation dominated by nanophanerophytes on thin acidic soils, both hard silicate and soft sands, through the western thermo- to lower supramediterranean belts, very diverse in composition with differences in local climate and soils. In rockier situations, it can be a permanent coloniser but is often derived from forest clearance or abandonment of farm fields and is much affected by grazing and fire.
S63	F62	Eastern garrigue	Low, mostly evergreen sclerophyllous scrub on diverse soils through the eastern meso-, thermo- and occasionally supramediterranean belts, including around the Black Sea, where deciduous species can prevail. Derived by forest degradation and usually maintained by grazing and fire, their structure and composition vary greatly with local climate and human impacts.
S64	F65	Macaronesian garrigue	Low shrub vegetation with an open canopy, of the Canary Islands, Azores and Madeira.

S65	F67	Mediterranean gypsum scrub	Open chamaephyte scrub with a lichen crust and rainy-spring annual herb flora, on gypsum-rich substrates in areas with a dry to semi-arid mediterranean climate in the Iberian Peninsula. The extreme climatic and edaphic conditions maintain the habitat as naturally stable but it can bear some light grazing.
S66	F68a	Mediterranean halo-nitrophilous scrub	Perennial scrubby vegetation with nitrophilous and salt-tolerant associates in often artificially-disturbed places through the semi-arid thermo- and inframediterranean belts where the dry climate slows the decomposition of litter and aids precipitation of salt from the soil.
S67	F68b	Aralo-Caspian semi-desert	Zonal scrubby vegetation on loamy and subsaline soils of the semi-desert and deserts of the Caucasus foothills, south-eastern European Russia and Kazakhstan. The open vegetation is dominated by Artemisia spp. and other sub-halophytic shrubs (Salsola spp., Petrosimonia spp.). In the Caspian lowland this habitat reaches its north-western distribution limit, having its main distribution in the desert regions surrounding the Caspian Sea and Aral Lake, and further into Asia.
S68	F68c	Semi-desert sand dune with sparse scrub	Relatively open perennial vegetation of halophytic shrubs (Salsola, Haloxylon, Artemisia, Tamarix) and annuals on wind-blown drifting or stabilised dunes and overgrazed, sandy soils in the semi-desert region of the Caspian lowlands. The sandy soils are weakly developed or not at all.
S71	F71	Western Mediterranean spiny heath	Low scrub of often spiny, cushion-forming plants on thin soils on wind-exposed and spray-splashed tops of rocky cliffs on Corsica, Sardinia, Pantelleria and in the Gulf of Taranto.

S72	F73	Eastern Mediterranean spiny heath (phrygana)	Low scrub dominated by thorny hemispherical chamaephytes on various base-rich and acidic substrates in the thermo-, meso- and supramediterranean belts of mainland Greece, Anatolia, the Aegean and Ionian islands, Crete, Cyprus and the north-east Mediterranean coast, rarely also in Sicily. Can be of primary origin or result from clearance of evergreen sclerophyll forest.
S73	F74a	Western Mediterranean mountain hedgehog-heath	Heath of often spiny hedgehog sub-shrubs on base-rich and acidic soils in the cold and droughty upper supra- and oromediterranean belts of the Iberian Peninsula, historically sustaining transhumance pastoralism but often extending down from crests and steep slopes due to grazing and burning.
S74	F74b	Central Mediterranean mountain hedgehog-heath	Heath of often spiny hedgehog sub-shrubs on base-rich and acidic soils in windy and sunny situations in the supra- and oromediterranean belts of Corsica, Sardinia, Elba, Sicily and the southern mainland Mountains of Italy. Downslope expansion below the timberline can follow clearance and grazing.
S75	F74c	Eastern Mediterranean mountain hedgehog-heath	Heath of often spiny hedgehog sub-shrubs on mostly base-rich soils in dry mountains of the supra- and oromediterranean belts of the east Mediterranean. Downslope expansion below the timberline can follow clearance and grazing.
S76	F74d	Canarian mountain hedgehog-heath	Heath of hedgehog sub-shrubs on screes and volcanic soils in the subalpine semi-desert belt of Tenerife and La Palma.
S81	F81	Canarian xerophytic scrub	Open scrub of sclerophyllous shrubs and succulent herbs on rocky substrates with skeletal soils in the arid lowlands and on deeper soils in the moister foothills of the Canary Islands.
S82	F82	Madeiran xerophytic scrub	Diverse scrub of sclerophyllous shrubs, small trees and succulent herbs on usually thin soils of rocky outcrops, cliffs and abandoned fields in the arid lowlands of Madeira.

S91	F91	Temperate riparian scrub	Scrub of <i>Salix</i> spp. and <i>Myricaria germanica</i> developed on the mineral sediments of shoals and banks of lowland rivers through the temperate zone, re-establishing after seasonal flooding or succeeding to riparian and gallery forest where the sediments stabilise.
S92	F92	<i>Salix</i> fen scrub	Scrub dominated by various <i>Salix</i> spp. on peaty and mineral soils maintained in a permanently waterlogged state by high ground water in floodplain backwaters, around lakes and ponds, among mires and dunes, and in abandoned wet meadows and pastures, occurring through the lowlands of atlantic, boreal and continental Europe and extending into the mediterranean region at higher altitudes. Associated floras vary according to the base status of the ground waters and soils.
S93	F93	Mediterranean riparian scrub	Usually open scrub of <i>Tamarix</i> spp., <i>Nerium oleander</i> , <i>Vitex agnus-castus</i> and similar shrubs and small trees on seasonally droughted and irregularly flooded riverbeds, streamsides and depressions through the thermo- and mesomediterranean belts.
S94	F94	Semi-desert riparian scrub	Open scrub of <i>Tamarix</i> spp. and other shrubs and small trees occupying small or linear patches in sites with seasonally high groundwater table and saline soils in beds of temporary or permanent rivers, in pans or sometimes in human-affected sites like irrigation systems through the semi-desert and desert region.
T11	G11	Temperate <i>Salix</i> and <i>Populus</i> riparian forest	Willow- and poplar- ( <i>Salix</i> - and <i>Populus</i> -) dominated forest of periodically-inundated terraces and shoals with deposition of nutrient-rich alluvium in the active floodplains of rivers through the lowlands of the boreal, nemoral, submediterranean and steppe zones.

T12	G12a	Alnus glutinosa-Alnus incana forest on riparian and mineral soils	Riparian and land-upheaval forests dominated by Alnus glutinosa, A. incana, and sometimes Fraxinus excelsior, typically without many softwood willows in the canopy and occurring throughout Europe along streams and small to medium rivers. The field layer can be quite species-rich, especially in moister situations, when more nutrient demanding herbs such as Urtica dioica and Filipendula ulmaria may be abundant. This habitat type also includes similar forests on flushed mineral soils.
T13	G12b	Temperate hardwood riparian forest	Mixed broadleaved forests typical of less-frequently flooded, well-aerated mineral soils on floodplains of the middle and lower reaches of major European rivers. The canopy in high-forest stands can be very tall and multi-layered and is typically dominated by various mixtures of Fraxinus excelsior, F. angustifolia, Alnus glutinosa, Populus alba, P. canescens, Quercus robur, Prunus padus, Ulmus glabra, U. minor and U. laevis. There is typically an abundant and varied understorey, again often structurally complex, with a range of small trees, shrubs and lianes that are more typical of mesic deciduous forests (such as T1E Carpinus and Quercus mesic deciduous forest).
T14	G13	Mediterranean and Macaronesian riparian forest	Deciduous broadleaved forest, most commonly dominated by poplars (Populus), willows (Salix) or oriental plane (Platanus orientalis), on periodically flooded alluvium or gravel terraces and streambanks in humid localities in the mediterranean zone and Macaronesia. Also includes streamside forests with Rhododendron ponticum and birch (Betula pendula var. fontqueri) in Spain.
T15	G14	Broadleaved swamp forest on non-acid peat	Deciduous broadleaved forest, commonly dominated by alder (Alnus glutinosa, A. incana), oak (Quercus robur) or aspen (Populus tremula) on non-acid peat with ground water at or seasonally above the surface in swamps through the lowlands of the nemoral and boreal zones.

T16	G15	Broadleaved mire forest on acid peat	Deciduous broadleaved or mixed forest on acid peat on or around active bogs and poor fens with nutrient-poor ground waters occurring through the atlantic and boreal zones and locally, where ground conditions permit, in the continental zone. Usually dominated by birch ( <i>Betula pubescens</i> ).
T17	G16a	Fagus forest on non-acid soils	Beech- ( <i>Fagus sylvatica</i> and <i>F. orientalis</i> ) dominated forest of base-rich to neutral, oligotrophic to mesotrophic, mineral soils occurring through the atlantic and continental zones, and reaching into the alpine and, at higher altitudes, the submediterranean region. Associated trees, including evergreen conifers like fir ( <i>Abies alba</i> ) and spruce ( <i>Picea abies</i> ) which figures at the altitudinal limit, are always subordinate in cover and usually in height, though broadleaved associates are more extensive and diverse on richer soils and, like the usually sparse shrub layer, show regional climate-related variation. The field layer can be species-rich.
T18	G16b	Fagus forest on acid soils	Beech- ( <i>Fagus sylvatica</i> and <i>F. orientalis</i> ) dominated woodland of oligotrophic, base-poor mineral soils through the atlantic and continental zones, into the alpine and, at higher altitudes, the submediterranean zone. Associated broadleaved trees are few and always subordinate in cover, though oaks may be co-dominant. Evergreen conifers like fir ( <i>Abies alba</i> ) and, at the altitudinal limit, spruce ( <i>Picea abies</i> ) can figure as minority canopy components. The field layer is generally species-poor.
T19	G17a	Temperate and submediterranean thermophilous deciduous forest	These thermophilous broadleaved deciduous forests form a wide, but interrupted, belt across the submediterranean zone of Europe, with milder winters and warmer drought-prone summers than sustain the broadleaved temperate forests, but colder, intermittently frosty and snowy winters than are typical for the evergreen broadleaved forests and scrub of the Mediterranean. To the north, they tend to occupy lower altitude, drier and warmer sites, to the south, rainier sites at higher altitudes.

T1A	G17b	Mediterranean thermophilous deciduous forest	Mediterranean deciduous forests usually dominated by <i>Quercus ithaburensis</i> subsp. <i>macrolepis</i> forming open forest, the canopy may be pure or with other oaks. Stands are mostly on shallow soil at usually at altitudes less than 700 m.
T1B	G18	Acidophilous <i>Quercus</i> forest	Oak-dominated forest (mainly <i>Quercus robur</i> and <i>Q. petraea</i> but also other regional species) of impoverished acid soils through the atlantic and continental zones, where beech ( <i>Fagus sylvatica</i> ) is a potential competitor and extending northwards into the boreal zone where Scot's pine ( <i>Pinus sylvestris</i> ) increasingly figures in the canopy. Associated floras are generally rather poor but show some regional distinctiveness and towards the very humid western Atlantic seaboard have extraordinary richness of ferns and cryptogams.
T1C	G19a	Temperate and boreal mountain <i>Betula</i> and <i>Populus tremula</i> forest on mineral soils	Open, low canopy climax birch forests ( <i>Betula pubescens</i> var. <i>glabrata</i> , <i>Betula pubescens</i> var. <i>pumila</i> , <i>Betula litwinowii</i> ) with a heathy or herb-rich field layer in the boreal region, in temperate mountain ranges, and in the Caucasus.
T1D	G19b	Southern European mountain <i>Betula</i> and <i>Populus tremula</i> forest on mineral soils	Diverse climax forests dominated by birch ( <i>Betula pendula</i> and closely related species) or aspen ( <i>Populus tremula</i> ) on usually acidic mineral soils in humid ravines and gorges in the sub-alpine Pyrenees, Corsica, the Apennines and Sicily, with associated floras characteristic of the local climatic conditions.

T1E	G1Aa	Carpinus and Quercus mesic deciduous forest	<p>Deciduous broadleaved forests typical of somewhat to strongly impeded brown earth soils and gleys of quite low, moderate to high base-status and moderate to high nutrient content across the lowlands and foothills of the temperate zone of western, central and southern Europe, with local extensions into regions of submediterranean, Pannonian and boreal climate. Partially this includes alluvial Quercus/Carpinus-dominated forests in mountain valleys with infrequent inundation. The canopy is typically of mixed composition with oaks figuring prominently, notably Quercus robur and Q. petraea but with regional contributions from other oaks, along with Carpinus betulus, Fraxinus excelsior, Acer pseudoplatanus, A. campestre, A. platanoides, Ulmus glabra, Tilia cordata and T. tomentosa. Typically, Fagus sylvatica is at most a minor component. The canopy can have a complex, multi-layered structure including shrubs and lianes while the herb layer can be species-rich with much regional variation in composition.</p>
T1F	G1Ab	Ravine forest	<p>Forests on steep slopes, frequently in ravines, where deep, well drained and fertile soils develop which allow trees such as Fraxinus excelsior, Acer pseudoplatanus, A. platanoides, Ulmus glabra, Tilia platyphyllos and Tilia cordata to outcompete trees such as Fagus sylvatica and Quercus spp. The herb layer is dominated by luxuriant nitrophilous herbs such as Urtica dioica, Aegopodium podagraria and Impatiens noli-tangere, moisture-loving vernal plants like Allium ursinum and, on the typically base-rich soils, Mercurialis perennis, Geranium robertianum, Brachypodium sylvaticum and Circaea lutetiana. In the southern part of its distribution thermophilous species such as Cotoneaster integerrimus, Sesleria caerulea, Athericum ramosum and Vincetoxicum hirundinaria appear.</p>



T1G	G1Ba	Alnus cordata forest	Broadleaved deciduous, non-riparian forests dominated by <i>Alnus cordata</i> , subendemic to Corsica and southern-Italy (Campania, Basilicata and Calabria Regions). The dominant species is a relict from the Tertiary period and is also present in other areas, where it is not considered native. <i>Alnus cordata</i> tends to form forests, either pure or mixed with other deciduous species such as <i>Quercus cerris</i> , <i>Castanea sativa</i> or, at higher altitudes, <i>Fagus sylvatica</i> , frequently on steep slopes and sides of deep valleys.
T1H	G1C	Broadleaved deciduous plantation of non site-native trees	Cultivated deciduous broadleaved tree formations planted for the production of wood, composed of exotic species or of native species out of their natural range.
T1J		Deciduous self sown forest of non site-native trees	Unplanted stands dominated by non-native species such as <i>Robinia pseudoacacia</i> .
T1K		Broadleaved deciduous plantation of site-native trees	Cultivated stands of broadleaved deciduous trees planted for the production of wood, composed of site-native broadleaved deciduous tree species.
T21	G21	Mediterranean evergreen Quercus forest	Forest dominated by evergreen broadleaved oaks (most widely <i>Quercus ilex</i> ) with associated sclerophyllous and laurophyllous trees and shrubs in the summer-drought climate of the mediterranean lowlands and foothills. The tree canopy is often low and much modified, with widespread transitions to scrubby maquis/matorral and open dehesa/montado wood pasture.
T22	G22	Mainland laurophyllous forest	Evergreen laurophyllous short-stature woodland, often dominant by bay ( <i>Laurus nobilis</i> ), firetree ( <i>Morella faya</i> ) and Portugal laurel ( <i>Prunus lusitanica</i> subsp. <i>lusitanica</i> ) in warm temperate oceanic and hyper-humid situations, now surviving as small relics in sheltered situations like ravines along the Atlantic coast of Portugal and Spain and in Sardinia, southern Italy and Sicily. Typically species-poor with an associated flora similar to T21.

T23	G23	Macaronesian laurophyllous forest	Evergreen laurophyllous forest on deep soils in the hyper-humid, frost-free, fog belt of the Macaronesian hills. The tree and shrub canopy is very diverse and rich in endemics, with striking differences related to climatic conditions across the different island groups, local topography and long isolation of the floras.
T24	G24	Olea europaea-Ceratonia siliqua forest	Olive ( <i>Olea europaea</i> ), carob ( <i>Ceratonia siliqua</i> ) and mastic ( <i>Pistacia lentiscus</i> ) forest with a tall, closed tree canopy in the drought-prone lowlands and foothills of the Mediterranean and Macaronesia.
T25	G25a	Phoenix theophrasti vegetation	Sparse groves with the palm tree <i>Phoenix theophrasti</i> , found on the island of Crete and south-western Anatolia. The habitat may be either riparian (with the palm forming temporarily inundated gallery forest along permanent fresh or brackish waters), or related to seasonally or episodically flooded coastal valleys.
T26	G25b	Phoenix canariensis vegetation	Sparse <i>Phoenix canariensis</i> groves (palmares) of colluvial deposits, mostly on flat midslope sites or at the base of irregular temporary streams. Endemic to the Canary Islands, they are dependent on brief, temporary water-tables present in sporadic torrential flows during the winter. Thus, they are azonal in the dry to arid bioclimatic belts of the infra-thermomediterranean where the zonal.
T27	G26	Ilex aquifolium forest	Holly ( <i>Ilex aquifolium</i> ) dominated forest occurring in scattered localities across Europe and probably an arborescent survival of T3D <i>Taxus</i> forest at middle altitudes in the Mediterranean zone and of T17 and T18 beech forests and T1B oak forests in the nemoral lowlands.
T28	G27	Macaronesian heathy forest	Small-stature woodland variously dominated by arborescent ericoids, strawberry tree ( <i>Arbutus canariensis</i> ) and Canarian holly ( <i>Ilex canariensis</i> ) in situations that range from cold and hyper-humid slopes and exposed fog-bound outcrops to sub-humid and dry foothills of Madeira and the Canaries.

T29	G28	Broadleaved evergreen plantation of non site-native trees	Cultivated evergreen broad-leaved tree formations planted for the production of wood, composed of exotic species, of native species out of their natural range, or of native species planted in clearly unnatural stands, often as monocultures.
T2A		Broadleaved evergreen plantation of site-native trees	Cultivated stands of broadleaved evergreen trees planted for the production of wood, composed of site-native broadleaved evergreen tree species.
T31	G31a	Temperate mountain Picea forest	Evergreen coniferous forest dominated by spruce ( <i>Picea abies</i> and, in the Dinaric mountains, relict <i>P. omorika</i> ), often with some fir ( <i>Abies alba</i> ) on usually acidic, even very oligotrophic, wet, cold or rocky soils in the montane and sub-alpine belts of nemoral mountains.
T32	G31b	Temperate mountain Abies forest	forests of fir ( <i>Abies alba</i> ) in nemoral mountains, often with beech ( <i>Fagus sylvatica</i> ) towards the sub-montane limit, spruce ( <i>Picea abies</i> ) where site conditions are harsher at higher altitudes. On generally acidic soils though extending on to more base-rich and mesotrophic soils where distinctive contingents of herbs augment or replace the usually heathy field layer.
T33	G31c	Mediterranean mountain Abies forest	Evergreen coniferous forests of more sunless or fog-bound slopes and gullies in the lower to mid altitudinal belts of mediterranean mountains where firs of very limited distribution dominate in highly distinctive relic stands: Spanish fir ( <i>A. pinsapo</i> ), Greek fir ( <i>A. cephalonica</i> ), King Boris's fir ( <i>A. borisii-regis</i> ), Apennine or Sicilian stands of silver fir ( <i>A. alba</i> ) and Sicilian fir ( <i>A. nebrodensis</i> ).
T34	G32	Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest	Coniferous, in part deciduous, forest of larch ( <i>Larix decidua</i> ) or Arolla pine ( <i>Pinus cembra</i> ) in the mid sub-alpine belt of temperate mountains in the central Alps and Carpathians with long but shallow snow-lie and a short growing season. Dwarf mountain pine ( <i>P. mugo</i> ), spruce ( <i>Picea abies</i> ), fir ( <i>Abies alba</i> ), rhododendrons and other sub-shrubs are never more than subordinate but various whitebeams ( <i>Sorbus</i> spp.) are characteristic associates.

T35	G34a	Temperate continental Pinus sylvestris forest	Forests dominated by pine ( <i>Pinus sylvestris</i> ), often with some birch ( <i>Betula pendula</i> and <i>B. pubescens</i> ), aspen ( <i>Populus tremula</i> ), juniper ( <i>Juniperus communis</i> ) and various whitebeams ( <i>Sorbus</i> spp.), on acidic to base-rich soils through the north nemoral zone and into the hemi-boreal.
T36	G34b	Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest	Evergreen coniferous forests, generally dominated by either Scot's pine ( <i>Pinus sylvestris</i> ) or black pine ( <i>P. nigra</i> and, towards the southern limit, various subspecies), less commonly with some spruce ( <i>Picea abies</i> ) and deciduous associates, often in isolated and small stands on base-rich soils through the mountains of the south temperate and sub-mediterranean zones.
T37	G34c	Mediterranean montane Pinus sylvestris-Pinus nigra forest	Evergreen coniferous forest of more drought-prone situations at scattered localities through the mountains of the mediterranean zone, dominated by black pine ( <i>Pinus nigra</i> ) and, except on Mediterranean islands, sometimes with subordinate Scot's pine ( <i>Pinus sylvestris</i> ), both trees often occurring as vicariant forms in different localities.
T38	G34d	Mediterranean montane Cedrus forest	Forests dominated by <i>Cedrus atlantica</i> or <i>C. libani</i> found on mountains of North Africa, Lebanon, Syria, Asiatic Turkey and Cyprus.
T39	G36	Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest	Evergreen coniferous forest of timberlines in the mountains of the Balkans and southern Italy, dominated by Bosnian pine ( <i>Pinus heldreichii</i> ) on base-rich soils in more sunny and drought-prone situations or by Macedonian pine ( <i>P. peuce</i> ) on siliceous soils.
T3A	G37	Mediterranean lowland to submontane Pinus forest	Evergreen coniferous forest dominated by various thermophilous pines: maritime pine ( <i>Pinus pinaster</i> in western mediterranean and warm atlantic zones), Aleppo pine ( <i>P. halepensis</i> ) and stone pine ( <i>P. pinea</i> all around the southern European coast) and Aegean pine ( <i>P. brutia</i> in Greece and Anatolia), the first three often favouring unstable substrates or pre-climax situations.

T3B	G38	<i>Pinus canariensis</i> forest	Forest of endemic Canarian pine ( <i>Pinus canariensis</i> ) occurring mostly at high altitudes in dry sunny situations above the fog belt, locally on foothill rock outcrops and old lava flows, in the western Canary Islands.
T3C	G39a	<i>Taxus baccata</i> forest	Evergreen woodlands overwhelmingly dominated by yew ( <i>Taxus baccata</i> ), sometimes with holly ( <i>Ilex aquifolium</i> ), whitebeam ( <i>Sorbus aria</i> ) and box ( <i>Buxus sempervirens</i> ), maybe in halted successions or as senescent survivals, occurring very locally on base-rich soils in the mediterranean zone and in the British Isles.
T3D	G39b	Mediterranean Cupressaceae forest	Evergreen forests of cypress ( <i>Cupressus sempervirens</i> ), junipers ( <i>Juniperus drupacea</i> , <i>J. excelsa</i> , <i>J. foetidissima</i> , <i>J. thurifera</i> ) or alerce ( <i>Tetraclinis articulata</i> ) with a usually open canopy with scrubby understorey and grassy field layer, on shallow, usually base-rich soils, in dry rocky situations scattered through the mediterranean zone.
T3E	G39c	Macaronesian <i>Juniperus</i> forest	Evergreen forests of endemic macaronesian junipers ( <i>Juniperus turbinata</i> subsp. <i>canariensis</i> , <i>J. cedrus</i> subsp. <i>cedrus</i> and subsp. <i>maderensis</i> , <i>J. brevifolia</i> ) in diverse habitats as sometimes very small isolated populations, each with distinctive associated floras.
T3F	G3A	Dark taiga	Forest naturally dominated by spruce ( <i>Picea abies</i> , <i>P. obovata</i> ), Siberian fir ( <i>Abies sibirica</i> ) or Siberian pine ( <i>Pinus sibirica</i> ) on more mesic soils through the north-eastern continental and boreal regions, often with a subordinate deciduous broadleaf component (e.g. <i>Betula pendula</i> and <i>B. pubescens</i> ) in the canopy and understorey and varied field-layer with significant participation of dwarf shrubs, bryophytes and lichens.
T3G	G3B	<i>Pinus sylvestris</i> light taiga	Forest naturally dominated by Scot's pine ( <i>Pinus sylvestris</i> ) but often with some birch ( <i>Betula pendula</i> and <i>B. pubescens</i> ) on lithomorphic and podzolized soils of dry and barren situations through the north-eastern continental and boreal regions with a generally heathy field layer but, when on eskers, a specialised herb flora.

T3H	G3C	Larix light taiga	Deciduous coniferous woodland of Siberian larch ( <i>Larix sibirica</i> ) in the boreal zone of north-eastern Europe and western Siberia.
T3J	G3Da	Pinus and Larix mire forest	Open woodland dominated by pine ( <i>Pinus sylvestris</i> , <i>P. rotundata</i> ) or larch ( <i>Larix sibirica</i> , <i>L. decidua</i> ) on acid peat or around active bogs and poor fens with nutrient-poor ground waters occurring through the boreal zone and locally, where ground conditions permit, in the continental zone.
T3K	G3Db	Picea mire forest	Open woodland dominated by spruce ( <i>Picea abies</i> , <i>P. obovata</i> ) on acid peat or around active bogs and poor fens with nutrient-poor ground waters occurring through the boreal zone and locally, where ground conditions permit, in the continental zone.
T3L		Coniferous self sown forest of non site-native trees	Spontaneously established forests composed of exotic conifer species or of European conifers out of their natural range.
T3M	G3F1	Coniferous plantation of non site-native trees	Cultivated stands of coniferous trees planted for the production of wood, composed of exotic conifer species or of European conifers out of their natural range.
T3N	G3F2	Coniferous plantation of site-native trees	Cultivated stands of coniferous trees planted for the production of wood, composed of site-native conifer species.
T41	G56	Early-stage natural and semi-natural forest and regrowth	Early stages of forest regrowth or newly-colonizing forest composed predominantly of young individuals of high-forest species that are still less than 5 m in height. Includes young native forest replanted with indigenous trees and naturally-colonizing stands of non-native trees.
T42	G57	Coppice and early stage plantations	Forest treated as coppice without standards. Plantations with a dominant canopy of young trees that are still less than 5 m in height. Plantations of dwarf trees or shrubs cultivated for wood or small-tree production, with a regular whole-plant harvesting regime, including short-rotation <i>Salix</i> beds for biomass production, Christmas tree crops, tree nurseries.

T43	G58	Recently felled areas	Land that has recently supported deciduous or coniferous forest after the trees have been clear-felled or burned. Includes forest with successional vegetation dominated by shrubs provided that these will soon be overtopped by a tree canopy. Clearings with herbaceous vegetation are considered part of R57 Herbaceous forest clearing vegetation although that may be a temporary stage before tree cover returns.
-----	-----	-----------------------	--

## **Appendix C: Crosswalk between the revised EUNIS classification for grassland habitat types, heathland, scrub and tundra habitat types, and forest habitat types and EuroVegChecklist 2016**

### **R11 - [E11a] Pannonian and Pontic sandy steppe**

- <> COR-01B - Koelerion glaucae Volk 1931
- < COR-02A - Festucion vaginatae de Soó 1929
- < COR-02B - Festucion beckeri Vicherek 1972
- <> SED-04G - Sileno conicae-Cerastion semidecandri Korneck 1974
- <> SED-04H - Bassio laniflorae-Bromion tectorum Borhidi 1996 nom. conserv. propos.

### **R12 - [E11b] Cryptogam- and annual-dominated vegetation on siliceous rock outcrops**

- < SED-01B - Rumici acetosellae-Agrostion borealis Knapp 1964
- < SED-02A - Sedo albi-Veronicion dillenii Korneck 1974
- < SED-02B - Sedo-Scleranthion Br.-Bl. et Richard 1950
- < SED-02C - Sedion anglici Br.-Bl. in Br.-Bl. et Tx. 1952
- < SED-02D - Sedion pyrenaici Tx. in Rivas-Mart. et al. 2011
- < SED-02E - Hyperico perforati-Scleranthion perennis Moravec 1967
- < SED-02F - Scabioso-Trifolion dalmatici Horvatić et N. Ranđelović in N. Ranđelović 1977
- < SED-02G - Poo bulbosae-Stipion graniticola Vynokurov 2014
- <> SED-03A - Thero-Airion Tx. ex Oberd. 1957

### **R13 - [E11d] Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops**

- < SED-01A - Veronico-Poion glaucae Nordhagen 1943
- < SED-04A - Alysso alyssoidis-Sedion Oberd. et T. Müller in T. Müller 1961
- < SED-04B - Tortello tortuosae-Sedion albi Hallberg ex Dengler et Löbel 2006
- < SED-04C - Sedion micrantho-sediformis Rivas-Mart., P. Sánchez et Alcaraz ex P. Sánchez et Alcaraz 1993
- <> SED-04D - Armerion juncea Br.-Bl. ex Br.-Bl. et al. 1952
- < SED-04E - Valerianion tuberosae Guinochet 1975
- < SED-04F - Aethionemion saxatilis Bergmeier et al. 2009
- <> SED-04G - Sileno conicae-Cerastion semidecandri Korneck 1974
- <> SED-04H - Bassio laniflorae-Bromion tectorum Borhidi 1996 nom. conserv. propos.

### **R14 - [E11e] Perennial rocky grassland of the Italian Peninsula**



- < ONO-03A - *Alyssion bertolonii* E. Pignatti et Pignatti 1977
- < ONO-03B - *Cytiso spinescentis-Saturejion montanae* Pirone et Tammaro 1997
- < ONO-03C - *Cytiso spinescentis-Bromion erecti* Bonin 1978
- < ONO-03D - *Seslerio nitidae-Caricion macrolepidis* Ubaldi 1997

**R15 - [E11f] Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**

- < FES-06A - *Artemisio hololeucae-Hyssopion cretacei* Romashchenko et al. 1996
- < FES-06B - *Euphorbio cretophilae-Thymion cretacei* Didukh 1989

**R16 - [E11g] Perennial rocky grassland of Central and South-Eastern Europe**

- < FES-05A - *Alyso-Festucion pallentis* Moravec in Holub et al. 1967
- < FES-05B - *Asplenio-Festucion pallentis* Zólyomi 1936 corr. 1966
- < FES-05C - *Bromo pannonici-Festucion csikhegyensis* Zólyomi 1966 corr. Mucina in Di Pietro et al. 2015
- < FES-05D - *Chrysopogono-Festucion dalmatica* Borhidi 1996
- < FES-05E - *Saturejion montanae* Horvat in Horvat et al. 1974
- < FES-05F - *Pimpinello-Thymion zygoidei* Dihoru et Donița 1970
- < FES-05G - *Potentillo arenariae-Linion czerniaevii* Krasova et Smetana 1999
- < FES-05H - *Androsaco tauricae-Caricion humilis* Didukh in Mucina et Didukh 2014
- < FES-05I - *Diantho lumnitzeri-Seslerion* (Soó 1971) Chytrý et Mucina in Mucina et Kolbek 1993
- < FES-05J - *Seslerion rigidae* Zólyomi 1936
- < FES-10A - *Saturejo-Thymion* Micevski 1971

**R17 - [E11h] Heavy-metal dry grassland of the Balkans**

- < FES-11A - *Polygonion albanicae* Ritter-Studnička 1970
- < FES-11B - *Centaureo-Bromion fibrosi* Blečić et al. 1969
- < FES-11C - *Alyssion heldreichii* Bergmeier et al. 2009

**R18 - [E11i] Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**

- < FES-08A - *Xerobromion erecti* Zoller 1954
- < FES-08B - *Festuco-Bromion* Barbero et Loisel 1971

**R19 - [E11j] Dry steppic submediterranean pasture of the Amphi-Adriatic region**

- < FES-09A - *Chrysopogono grylli-Koelerion splendidis* Horvatić 1973
- < FES-09B - *Saturejion subspicatae* Tomić-Stanković 1970
- < FES-09C - *Centaureion dichroanthae* Pignatti 1952
- < FES-09D - *Scorzonerion villosae* Horvatić ex Kovačević 1959

- < FES-09E - Hippocrepido glaucae-Stipion austroitalicae Forte et Terzi in Forte et al. 2005

**R1A - [E12a] Semi-dry perennial calcareous grassland (meadow steppe)**

- < FES-01A - Bromion erecti Koch 1926
- < FES-01B - Cirsio-Brachypodion pinnati Hadač et Klika in Klika et Hadač 1944
- < FES-01C - Filipendulo vulgaris-Helictotrichion pratensis Dengler et Löbel in Dengler et al. 2003
- < FES-01D - Gentianello amarella-Helictotrichion pratensis Royer ex Dengler in Mucina et al. 2009
- < FES-01E - Potentillo-Brachypodion pinnati Br.-Bl. 1967
- < FES-01F - Polygalo mediterraneae-Bromion erecti (Biondi et al. 2005) Di Pietro in Di Pietro et al. 2015
- < FES-01G - Chrysopogono-Danthonion calycinae Kojić 1959
- <> FES-02B - Koelerio-Phleion phleoidis Korneck 1974
- < FES-07A - Brachypodion phoenicoidis Br.-Bl. ex Molinier 1934
- < FES-07B - Artemisio albae-Dichanthion ischaemi X. Font ex Rivas-Mart. et M.L. López in Rivas-Mart. et al. 2002
- < FES-07C - Diplachnion serotinae Br.-Bl. 1961

**R1B - [E12b] Continental dry grassland (true steppe)**

- <> ART-02A - Bassio-Artemision austriacae Solomeshch in A. Ishbirdin et al. 1988
- <> ART-03C - Artemisio marschalliana-Elytrigion intermedii Korotchenko et Didukh 1997
- < FES-02A - Festucion valesiaca Klika 1931 nom. conserv. propos.
- <> FES-02B - Koelerio-Phleion phleoidis Korneck 1974
- < FES-02C - Stipion lessingiana Soó 1947
- < FES-02D - Centaureo carbonatae-Koelerion talievii Romashchenko et al. 1996
- < FES-02E - Adonido vernalis-Stipion tirsae Didukh in Didukh et Mucina 2014
- < FES-02F - Veronico multifidae-Stipion ponticae Didukh in Didukh et Mucina 2014
- < FES-02G - Artemisio tauricae-Festucion Korzhenevsky et Klyukin 1991
- < FES-02H - Agropyron pectinati Golub et Uzhametskaya 1991
- < FES-02I - Artemisio-Kochion Soó 1964
- < FES-02J - Stipo-Poion xerophilae Br.-Bl. et Richard 1950
- < FES-03A - Helictotricho desertorum-Stipion rubentis Toman 1969
- < FES-03B - Scorzonero austriacae-Koelerion sclerophyllae Solomeshch et al. 1994
- < FES-03C - Lathyro pallescentis-Helictotrichion schelliani Solomeshch et al. 1994
- < FES-03D - Aconopogonion alpini Yamalov et al. 2009 nom. inval.

- < FES-03E - *Centaureion sumensis* Golub et al. 1995

**R1C - [E12c] Desert steppe**

- < FES-04A - *Tanaceto achilleifolii*-*Stipion lessingiana* Royer ex Lysenko et Mucina all. nov.
- < FES-04B - *Stipion korshinskyi* Toman 1969
- < FES-04C - *Caricion stenophyllae* Golub et Saveleva 1991

**R1D - [E13a] Mediterranean closely grazed dry grassland**

- < BUL-01A - *Trifolio subterranei*-*Periballion minutae* Rivas Goday 1964
- < BUL-01B - *Plantaginion serrariae* Galán de Mera et al. 2000
- < BUL-01C - *Poo bulbosae*-*Astragalion sesamei* Rivas Goday et Ladero 1970
- < BUL-01D - *Ornithogalo corsici*-*Trifolion subterranei* (Farris et al. 2013) Farris & Mucina stat. nov.
- < BUL-01E - *Plantaginion cupanii* S. Brullo et Grillo 1978
- < BUL-01F - *Romuleion* Oberd. 1954

**R1E - [E13b] Mediterranean tall perennial dry grassland**

- < LYG-01A - *Phlomido lychnitis*-*Brachypodion retusi* Mateo ex Theurillat et Mucina all. nov.
- < LYG-01B - *Triseto velutini*-*Brachypodion boissieri* Rivas-Mart. et al. 2002
- < LYG-01C - *Festucion scariosae* Martínez-Parras et al. 1984
- < LYG-01D - *Stipion parviflorae* De la Torre et al. 1996
- < LYG-01E - *Leontodonto tuberosi*-*Bellion sylvestris* Biondi et al. 2001
- < LYG-01F - *Reichardio maritimae*-*Dactylidion hispanicae* Biondi et al. 2001
- < LYG-01G - *Cymbopogono*-*Brachypodion ramosi* Horvatić 1963
- < LYG-01H - *Hyparrhenion hirtae* Br.-Bl. et al. 1956
- < LYG-02A - *Agropyro pectinati*-*Lygeion sparti* Br.-Bl. et O. de Bolòs 1958 corr. Rivas-Mart. et al. 1999
- < LYG-02B - *Stipion tenacissimae* Rivas-Mart. 1984
- < LYG-02C - *Moricandio*-*Lygeion sparti* S. Brullo et al. 1990
- < LYG-02D - *Scorzonero creticae*-*Lygeion sparti* S. Brullo et al. 2002

**R1F - [E13c] Mediterranean annual-rich dry grassland**

- < TRA-01A - *Trachynion distachyae* Rivas-Mart. 1978
- < TRA-01B - *Stipion retortae* O. de Bolòs 1957
- <> TRA-01C - *Sedo*-*Ctenopsion gypsophilae* Rivas Goday et Rivas-Mart. ex Izco 1974
- < TRA-01D - *Omphalodion commutatae* Rivas-Mart., Izco et M. Costa ex Izco 1976 corr. Pérez Raya et al. 1991
- <> TRA-02A - *Vulpio ciliatae*-*Crepidion neglectae* Poldini 1989
- < TRA-02B - *Vulpion ligusticae* Aubert et Loisel 1971

- < TRA-02C - Onobrychido-Ptilostemonion stellati S. Brullo et al. 2001
- < TRA-02D - Xeranthemion annui Oberd. 1954
- < TRA-02E - Diantho humilis-Velezion rigidae Korzhenevskii et Kliukin ex Didukh et Mucina 2014
- < TRA-03A - Plantagini-Catapodium marini S. Brullo 1985
- < TRA-03B - Dauco-Catananchion luteae S. Brullo 1985

**R1G - [E15a] Iberian oromediterranean siliceous dry grassland**

- < IND-01A - Teesdaliopsis confertae-Luzulion caespitosae Rivas-Mart. 1987
- < IND-01B - Jasionion carpetanae González-Albo 1941
- < IND-01C - Ptilotrichion purpurei Quézel 1953
- < IND-02A - Hieracio castellani-Plantaginion radicatae Rivas-Mart. et Cantó 1987
- < IND-02B - Armerion eriophyllae Pinto da Silva 1970
- < IND-02C - Thymion serpylloidis Rivas Goday et Rivas-Mart. in Rivas-Mart. 1965

**R1H - [E15b] Iberian oromediterranean basiphilous dry grassland**

- < ONO-01A - Festucion burnatii Rivas Goday et Rivas-Mart. ex Mayor et al. 1973
- < ONO-01B - Sideritido fontquerianae-Arenarion microphyllae Rivas Goday et Borja 1961 corr. Rivas-Mart. et al. 2002
- < ONO-02A - Ononidion striatae Br.-Bl. et Susplugas 1937
- < ONO-02B - Ononidion cristatae Royer 1991
- < ONO-02C - Festucion scopariae Br.-Bl. 1948
- < ONO-02D - Avenion sempervirentis Barbero 1968

**R1J - [E15c] Cyrno-Sardean oromediterranean siliceous dry grassland**

- < PIL-01A - Sesamoido pygmaeae-Poion violaceae Gamisans 1975

**R1K - [E15d] Balkan and Anatolian oromediterranean dry grassland**

- < ANA-01A - Trifolion parnassii Quézel 1964

**R1L - [E15e] Madeiran oromediterranean siliceous dry grassland**

- < SAC-02A - Deschampsio maderensis-Parafestucion albidae Capelo et al. 2000

**R1M - [E17] Lowland to montane, dry to mesic grassland usually dominated by *Nardus stricta***

- < NAR-01A - Equiseto-Galion borealis Tx. in Tx. et Böttcher 1969
- < NAR-01B - Violion caninae Schwickerath 1944
- < NAR-01C - Nardo-Juncion squarrosi (Oberd. 1957) Passarge 1964
- < NAR-01D - Nardo-Agrostion tenuis Sillinger 1933

- < NAR-01E - Campanulo-Nardion Rivas-Mart. 1964
- < NAR-01F - Nardo-Agrostion caninae Cortini-Pedrotti et al. 1973
- < NAR-01G - Cirsio vallis-demoni-Nardion Giacomini et Gentile ex Di Pietro et Theurillat in Di Pietro et al. 2015
- < NAR-01H - Achilleo-Arnicion Horvat et Pawłowski in Horvat 1960

**R1N - [E18] Open Iberian supramediterranean dry acid and neutral grassland**

- <> SAC-01A - Festuco amplae-Agrostion castellanae Theurillat in Di Pietro et al. 2015
- <> SAC-01B - Festucion merinoi Rivas-Mart. et Sánchez-Mata in Rivas-Mart. et al. 1986 corr. Rivas-Mart. et Sánchez-Mata in Rivas-Mart. et al. 2002
- <> SAC-01C - Agrostio castellanae-Stipion giganteae Rivas Goday ex Rivas-Mart. et Fernández-González 1991

**R1P - [E19a] Oceanic to subcontinental inland sand grassland on dry acid and neutral soils**

- < COR-01C - Sedo-Cerastion arvensis Sissingh et Tideman 1960
- < COR-01D - Armerion elongatae Pötsch 1962
- <> SED-03A - Thero-Airion Tx. ex Oberd. 1957
- <> SED-04D - Armerion juncea Br.-Bl. ex Br.-Bl. et al. 1952
- <> SED-04G - Sileno conicae-Cerastion semidecandri Korneck 1974

**R1Q - [E19b] Inland sanddrift and dune with siliceous grassland**

- <> COR-01A - Corynephorion canescentis Klika 1931
- <> COR-01B - Koelerion glaucae Volk 1931
- <> SED-03A - Thero-Airion Tx. ex Oberd. 1957

**R1R - [E1A] Mediterranean to Atlantic open, dry, acid and neutral grassland**

- < SAC-03A - Armerio rumelicae-Potentillion Mitsevski 1978
- < TUB-01A - Helianthemion guttati Br.-Bl. in Br.-Bl. et al. 1940
- < TUB-01B - Crassulo tillaeae-Sedion caespitosi de Foucault 1999
- < TUB-01C - Molinerion laevis Br.-Bl. et al. 1952
- < TUB-01D - Sedion pedicellato-andegavensis Rivas-Mart. et al. 1986
- < TUB-01E - Trifolion cherleri Micevski 1972
- < TUB-01F - Sclerantho-Myositidion incrassatae S. Brullo et al. 2001
- < TUB-01G - Thymion micantis J.C. Costa et al. 2005
- < TUB-01H - Ornithopodo pinnati-Gaudinion coarctatae Fernández Prieto et Aguiar in Fernández Prieto et al. 2012
- <> TUB-03A - Anthyllido hamosae-Malcolmion lacerae Rivas Goday 1958
- < TUB-03B - Corynephoru articulati-Malcolmion patulae Rivas Goday 1958
- < TUB-03C - Corynephorion maritimi Costa, Pinto-Gomes, Neto et Rivas-Mart. in J.C. Costa et al. 2012

- < TUB-03D - Ormenido multicaulis-Malcolmion broussonetii Br.-Bl. in Br.-Bl. et al. 1940
- < TUB-03E - Filagini asterisciflorae-Linarion humilis Minissale et Sciandrello 2015

**R1S - [E1B] Heavy-metal grassland in Western and Central Europe**

- < THL-10A - Thlaspion calaminarii Ernst 1965
- < THL-10B - Armerion halleri Ernst 1965

**R1T - [E1F] Azorean open, dry, acid to neutral grassland**

- < TOL-01A - Festucion francoi Lüpnitz 1976 corr. Fernández Prieto, Aguiar, J.C. Costa, Lousã et Rivas-Mart. in Fernández Prieto et al. 2012
- < TOL-01B - Tolpido succulentae-Agrostion congestiflorae Aguiar et Fernández Prieto in Fernández Prieto et al. 2012

**R21 - [E21] Mesic permanent pasture of lowlands and mountains**

- <> MOL-01C - Cynosurion cristati Tx. 1947
- < MOL-03B - Poion alpinae Gams ex Oberd. 1950
- < MOL-03C - Poion supinae Rivas-Mart. et Géhu 1978

**R22 - [E22] Low and medium altitude hay meadow**

- < MOL-01A - Arrhenatherion elatioris Luquet 1926
- <> MOL-01C - Cynosurion cristati Tx. 1947
- < MOL-01E - Brachypodio-Centaureion nemoralis Br.-Bl. 1967
- < MOL-01F - Salvio pratensis-Dactylidion glomeratae Ubaldi et al. in Ubaldi 2003
- < MOL-01G - Rumicion thrysiflori Micevski 1994
- < MOL-01H - Trifolio pratensis-Brizion elatioris Didukh et Kuzemko 2009

**R23 - [E23] Mountain hay meadow**

- < MOL-01B - Phyteumato-Trisetion Ellmauer et Mucina 1993
- < MOL-03A - Trisetio flavescens-Polygonion bistortae Br.-Bl. et Tx. ex Marschall 1947
- < MOL-03D - Violion cornutae Nègre 1972
- < MOL-03E - Pancicion serbicae Lakušić 1966
- < MOL-03F - Helictotricho compressi-Bistortion officinalis Didukh et Kuzemko 2009
- < MOL-03G - Astrantion maximae Korotkov 2013
- < MOL-04A - Polygonion krascheninnikovii Kashapov 1985

**R24 - [E24] Iberian summer pasture (vallicar)**

- <> SAC-01A - Festuco amplae-Agrostion castellanae Theurillat in Di Pietro et al. 2015
- <> SAC-01B - Festucion merinoi Rivas-Mart. et Sánchez-Mata in Rivas-Mart. et al. 1986 corr. Rivas-Mart. et Sánchez-Mata in Rivas-Mart. et al. 2002
- <> SAC-01C - Agrostio castellanae-Stipion giganteae Rivas Goday ex Rivas-Mart. et Fernández-González 1991

**R31 - [E31a] Mediterranean tall humid inland grassland**

- < MOL-07A - Molinio-Holoschoenion Br.-Bl. ex Tchou 1948
- < MOL-07C - Dactylorhizo-Juncion striati S. Brullo et Grillo 1978
- < MOL-07F - Brachypodio sylvatici-Holoschoenion romani Gradstein et Smittenberg 1977

**R32 - [E32a] Mediterranean short moist grassland of lowlands**

- < MOL-07D - Deschampsion mediae Br.-Bl. et al. 1952 nom. conserv. propos.
- < MOL-07E - Gaudinio fragilis-Hordeion bulbosi Galán de Mera et al. 1997
- < MOL-10C - Trifolion maritimi Br.-Bl. ex Br.-Bl. et al. 1952

**R33 - [E32b] Mediterranean short moist grassland of mountains**

- < GEN-01B - Plantaginion insularis Klein 1972
- < MOL-07B - Sieglingion decumbentis Gamisans 1976
- < TRI-06A - Campanulo herminii-Nardion strictae Rivas-Mart. 1964
- < TRI-06B - Plantaginion thalackeri Quézel 1953

**R34 - [E33] Submediterranean moist meadow**

- < MOL-06A - Molinio-Hordeion secalini Horvatić 1934
- < MOL-06B - Trifolion resupinati Micevski 1957
- < MOL-06C - Trifolio-Ranunculion pedati Slavnić 1948
- < MOL-06D - Trifolion pallidi Ilijanić 1969
- < MOL-06E - Ranunculion velutini Pedrotti 1978

**R35 - [E34a] Moist or wet mesotrophic to eutrophic hay meadow**

- < MOL-02A - Agrostion vinealis Sipailova et al. 1985
- < MOL-02B - Artemision ponticae Golub et Saveleva in Golub 1995
- < MOL-02C - Trifolion montani Naumova 1986
- < MOL-05B - Calthion palustris Tx. 1937
- < MOL-05C - Bromion racemosi Tx. In Tx. et Preising ex de Foucault 2009
- < MOL-05D - Deschampsion cespitosae Horvatić 1930
- < MOL-05F - Oenanthion fistulosae de Foucault 2009
- < MOL-05G - Eleocharition palustris Mirkin et Naumova 1986

**R36 - [E34b] Moist or wet mesotrophic to eutrophic pasture**

- <> MOL-05E - Conioselinion tatarici Golub et al. 2003
- < MOL-08E - Mentho longifoliae-Juncion inflexi T. Müller et Görs ex de Foucault 2009
- < MOL-10A - Potentillion anserinae Tx. 1947

**R37 - [E35] Temperate and boreal moist or wet oligotrophic grassland**

- < MOL-05A - Molinion caeruleae Koch 1926

**R41 - [E41] Snow-bed vegetation**

- <> HER-01A - Salicion herbaceae Br.-Bl. in Br.-Bl. et Jenny 1926
- <> HER-01B - Salici herbaceae-Arabidion caeruleae Englisch 1999
- < HER-01C - Salici herbaceae-Caricion lachenalii Béguin et Theurillat 1982
- < HER-01D - Festucion picturatae Krajina 1933 corr. Dúbravcová 2007
- < HER-01E - Ranunculion crenati Lakušić 1968
- < HER-01F - Sedion candollei Rivas-Mart., Fernández-González et Loidi in Rivas-Mart. et al. 2011
- < HER-01G - Hyalopoion ponticae Rabotnova et Onipchenko in Onipchenko 2002
- <> HER-01H - Cassiopo-Salicion herbaceae Nordhagen 1943
- < HER-01I - Deschampsio-Anthoxanthion Gjaerevoll 1950
- < HER-01J - Saxifrago stellaris-Oxyrion digynae Gjaerevoll 1950
- < THL-02A - Saxifrago oppositifoliae-Oxyrion digynae Gjaerevoll 1950
- < THL-02B - Ranunculo-Poion alpinae Gjaerevoll ex Daniëls
- < THL-02C - Arabidion caeruleae Br.-Bl. in Br.-Bl. et Jenny 1926

**R42 - [E43a] Boreal and arctic acidophilous alpine grassland**

- < TRI-01A - Carici-Juncion trifidi Nordhagen 1943
- <> TRI-01B - Nardo-Caricion rigidae Nordhagen 1943
- < TRI-01C - Cladonio-Viscarion alpinae Daniëls 1982

**R43 - [E43b] Temperate acidophilous alpine grassland**

- < NAR-01I - Potentillo montenegrinae-Festucion paniculatae Redžić ex Čarni et Mucina 2015
- <> TRI-01B - Nardo-Caricion rigidae Nordhagen 1943
- < TRI-01D - Lagotido uralensis-Caricion ensifoliae Chytrý et Mucina in Chytrý et al. 2015
- < TRI-02A - Caricion curvulae Br.-Bl. 1925
- < TRI-02B - Juncion trifidi Krajina 1933
- < TRI-02C - Festucion supinae Br.-Bl. 1948
- < TRI-02D - Anemonion speciosae Minaeva ex Onipchenko 2002



- < TRI-03A - Carici macrostylidi-Nardion (Rivas-Mart. et al. 1984) de Foucault 1994
- < TRI-03B - Nardion strictae Br.-Bl. 1926
- < TRI-03C - Potentillo ternatae-Nardion Simon 1958
- < TRI-03D - Festucion variae Br.-Bl. ex Guinochet 1938
- < TRI-03E - Agrostion schraderianae Grabherr 1993
- < TRI-03F - Festucion eskiae Br.-Bl. 1948
- < TRI-04A - Festuco italicae-Nardion strictae Di Pietro, Terzi et Fortini ined.
- < TRI-04B - Ranunculo-Nardion strictae Bonin 1972
- < TRI-05A - Festucion woronowii Tsepikova 1987
- < TRI-07A - Poion violaceae Horvat et al. 1937
- < TRI-07B - Seslerion comosae Horvat et al. 1937
- < TRI-07C - Campanulion albanicae Lakušić 1966

#### **R44 - [E44a] Arctic-alpine calcareous grassland**

- <> KOB-01A - Kobresio-Dryadion Nordhagen 1943
- <> KOB-01C - Dryadion integrifoliae Ohba ex Daniëls 1982
- < KOB-02A - Oxytropido-Elynon myosuroidis Br.-Bl. 1950
- < KOB-02B - Leontopodio nivalis-Elynon myosuroidis (Blasi et al. 2003) Di Pietro et Mucina in Chytrý et al. 2015
- < KOB-02C - Festucion versicoloris Krajina 1933
- < KOB-02D - Agrostion alpinae Jeník et al. 1980
- < KOB-03A - Kobresion capilliformis Tsepikova 1987
- < SES-01A - Seslerion caeruleae Br.-Bl. in Br.-Bl. et Jenny 1926
- < SES-01B - Caricion austroalpinae Sutter 1962
- < SES-01C - Caricion ferrugineae G. Br.-Bl. et Br.-Bl. in G. Br.-Bl. 1931
- < SES-01D - Caricion firmae Gams 1936
- < SES-01E - Astero alpini-Seslerion calcariae Hadač in Hadač et al. 1969 nom. invers. propos.
- < SES-01F - Seslerion tatrae Pawłowski 1935 corr. Klika 1955
- < SES-01G - Festuco saxatilis-Seslerion bielzii (Pawłowski et Walas 1949) Coldea 1984
- <> SES-01H - Primulion intricatae Br.-Bl. ex Vigo 1972
- <> SES-01H - Primulion intricatae Br.-Bl. ex Vigo 1972
- < SES-01I - Armerion cantabricae Rivas-Mart. et al. 1984

#### **R45 - [E44b] Alpine and subalpine calcareous grassland of the Balkans and Apennines**

- < SES-02A - Seslerion tenuifoliae Horvat 1930
- < SES-02B - Seslerio juncifoliae-Caricion firmae Trinajstić 2005
- < SES-02C - Festucion pungentis Horvat 1930
- < SES-02D - Seslerion apenninae Furnari in Bruno et Furnari 1966

- < SES-03A - Oxytropidion dinaricae Lakušić 1966
- < SES-03B - Anthyllido-Seslerion klasterskyi Simon 1958
- < SES-03C - Seslerio-Festucion xanthinae Horvat in Horvat et al. 1974
- < SES-03D - Festuco-Knaution longifoliae Jovanović-Dunjić 1955
- < SES-03E - Festucion xanthinae Lakušić et al. 1969
- < SES-03F - Seslerion nitidae Horvat 1936

#### **R51 - [E52a] Thermophilous forest fringe of base-rich soils**

- < GER-01A - Knaution dipsacifoliae Julve ex Dengler et Boch 2008
- < GER-01B - Trifolion medii T. Müller 1962
- < GER-01C - Violion kitaibeliana Ubaldi 2011
- < GER-02A - Geranion sanguinei Tx. in T. Müller 1962
- < GER-02B - Galio littoralis-Geranion sanguinei Géhu et Géhu-Franck in de Foucault et al. 1983
- < GER-02C - Dictamno albi-Ferulagion galbaniferae (van Gils et al. 1975) de Foucault et al. ex Čarni et Dengler in Mucina et al. 2009
- < GER-02D - Lathyro laxiflori-Trifolion velenovskyi (Čarni et al. 2000) Čarni 2005
- < GER-02E - Asparago acutifolii-Teucrion chamaedryos Ubaldi 2011
- < GER-03A - Stachyo lusitanicae-Cheirolophion sempervirentis (Capelo 1996) Capelo in Di Pietro et al. 2015
- < GER-03B - Thalictro aquilegiifolii-Asphodelion macrocarpi Allegrezza et al. 2015
- < GER-03C - Cyano triumfetti-Asphodelion macrocarpae Biondi et Allegrezza in Biondi et al. 2014

#### **R52 - [E52b] Forest fringe of acidic nutrient-poor soils**

- < GER-03D - Hyperico calabricae-Asphodelion macrocarpi Biondi, Gangale et Uzunov in Biondi et al. 2014
- < GER-05A - Melampyrion pratensis Passarge 1979
- < GER-05B - Violo riviniana-Stellarion holostea Passarge 1994
- < GER-05C - Poion nemoralis Dengler et al. 2006
- < GER-05D - Teucrion scorodoniae de Foucault et al. 1983
- < GER-05E - Linarion triornithophorae Rivas-Mart. et al. 1984
- < GER-05F - Origanion virentis Rivas-Mart. et O. de Bolòs in Rivas-Mart. et al. 1984
- < GER-05G - Luzulo sieberi-Brachypodion genuensis Allegrezza et Biondi in Biondi et al. 2015

#### **R53 - [E52c] Macaronesian thermophilous forest fringe**

- < GER-04A - Ranunculo cortusifolii-Geranion canariensis Rivas-Mart. et al. 1993

- < GER-04B - Pericallion malvifoliae Fernández Prieto, Dias et Aguiar in Fernández Prieto et al. 2012

**R54 - [E53] Pteridium aquilinum vegetation**

- <> EPI-01A - Epilobion angustifolii Oberd. 1957
- <> LON-01A - Lonicero-Rubion silvatici Tx. et Neumann ex Wittig 1977
- < GER-05H - Digitalidi ferrugineae-Pteridion aquilini Biondi et Casavecchia in Biondi et al. 2014

**R55 - [E54] Lowland moist or wet tall-herb and fern fringe**

- < EPI-02B - Impatienti noli-tangere-Stachyion sylvaticae Görs ex Mucina 1993
- < EPI-02C - Aegopodion podagrariae Tx. 1967 nom. conserv. propos.
- < EPI-04A - Senecionion fluviatilis Tx. ex Moor 1958
- < EPI-04B - Archangelicion litoralis Scamoni et Passarge 1963
- < EPI-04C - Nardosmion laevigatae Klotz et Köck 1986
- < EPI-04D - Cynancho-Convolvulion sepium Rivas Goday et Rivas-Mart. ex Rivas-Mart. 1977
- < EPI-04E - Dorycnio recti-Rumicion conglomerati Gradstein et Smittenberg 1977
- < EPI-04F - Ipomoeo acuminatae-Ageratinion adenophorae Espírito-Santo et al. 2004
- <> MOL-05E - Conioselinion tatarici Golub et al. 2003
- < MOL-08A - Filipendulo-Petasition Br.-Bl. ex Duvigneaud 1949
- < MOL-08B - Rumicion balcanici Lakušić ex D. Lakušić et al. 2015
- < MOL-08C - Veronico longifoliae-Lysimachion vulgaris (Passarge 1977) Bal.-Tul. 1981
- < MOL-08D - Filipendulion ulmariae Segal ex Westhoff et Den Held 1969
- < MOL-09A - Althaeion officinalis Golub et Mirkin in Golub 1995
- < MOL-09B - Euphorbion palustris Ageleulov et Golub in Golub 1995
- < MOL-09C - Lythro-Euphorbion Mirkin et Naumova 1986

**R56 - [E55] Montane to subalpine moist or wet tall-herb and fern fringe**

- < MUL-01A - Adenostylion alliariae Br.-Bl. 1926 nom. conserv. propos.
- < MUL-01B - Dryopterido filicis-maris-Athyron distentifolii (Holub ex Sýkora et Štursa 1973) Jeník et al. 1980
- < MUL-01C - Delphinion elati Hadač in Hadač et al. 1969
- < MUL-01D - Cirsion flavispinae Quézel 1953
- < MUL-01E - Doronicion corsici Gamisans 1975
- < MUL-01F - Cirsion appendiculati Horvat et al. 1937
- < MUL-02A - Calamagrostion villosae Pawłowski et al. 1928
- < MUL-02B - Trisetion fuscii Krajina 1933
- < MUL-02C - Calamagrostion arundinaceae (Luquet 1926) Oberd. 1957

- < MUL-03A - Petasition officinalis Sillinger 1933
- < MUL-03B - Arunco-Petasition albi Br.-Bl. et Sutter 1977
- < MUL-03C - Senecionion samniti Bonin 1978
- < MUL-04A - Rumicion alpini Scharfetter 1938
- < MUL-05A - Mulgedion alpini Nordhagen 1943
- < MUL-06A - Polemonio acutiflori-Veratrion lobeliani Telyatnikov 2012
- < MUL-07A - Trisetio sibirici-Aconition septentrionalis Ermakov et al. 2000

#### **R57 - [E56] Herbaceous forest clearing vegetation**

- < EPI-01A - Epilobion angustifolii Oberd. 1957
- < EPI-01B - Linarion niveae Rivas-Mart. 1964

#### **R61 - [E61] Mediterranean inland salt steppe**

- < FEP-01D - Puccinellion convolutae Micevski 1965
- < FEP-01E - Puccinellion lagascanae Rivas-Mart. in Rivas-Mart. et M. Costa 1976 corr. Alonso et De la Torre 2004
- < FEP-02A - Halo-Artemision Pignatti 1953
- < SAG-02A - Frankenion pulverulentae Rivas-Mart. ex Castroviejo et Porta 1976
- < SAG-02B - Polypogonion subspathacei Gamisans 1990
- < SAG-02C - Gaudinio-Podospermion cani S. Brullo et Siracusa 2000
- < SAG-02D - Pholiuro-Spergularion Pignatti 1952
- < SAG-02E - Mesembryanthemion nodiflori Nègre 1959
- < SAG-02F - Mesembryanthemion crystallini Rivas-Mart. et al. 1993
- < SAL-01A - Salicornion fruticosae Br.-Bl. 1933
- < SAL-02A - Lygeo-Lepidion cardaminis Rivas Goday et Rivas-Mart. in Rivas-Mart. et M. Costa 1984
- < SAL-02B - Lygeo sparti-Limonion furfuracei Rigual 1972
- < SAL-02C - Limonion catalaunico-viciosoi Rivas-Mart. et M. Costa 1984
- < SAL-02D - Limonion algarvensi-lanceolati J.C. Costa et al. 2012
- < SAL-02E - Limonion confusi (Br.-Bl. 1933) Rivas-Mart. et M. Costa 1984
- < SAL-02F - Triglochino barrelieri-Limonion glomerati Biondi et al. 2001
- < SAL-03A - Limoniastrion monopetali Pignatti 1952
- < SAL-03B - Halocnemion cruciati Biondi et al. 2013
- < THE-02C - Microcnemion coralloidis Rivas-Mart. et Géhu in Rivas-Mart. 1984

#### **R62 - [E62] Continental inland salt steppe**

- < FEP-01A - Festucion pseudovinae Soó 1933
- < FEP-01B - Peucedano officinalis-Asterion sedifolii Borhidi 1996
- < FEP-01C - Puccinellion limosae Soó 1933

- < FEP-02B - *Artemision maritimae* Micevski 1970
- < FEP-02C - *Atraphaxo-Capparion Korzhenevskii* 1992
- < FEP-03A - *Plantagini salsae-Artemision santonici* Lysenko et Mucina in Lysenko et al. 2011
- < FEP-03B - *Limonion sareptani* Golub 1994
- < FEP-03C - *Limonion tomentelli* Agafonov et Golub in Golub 1994
- < FEP-03D - *Puccinellion giganteae* Dubyna et Neuhäuslová 2000
- < FEP-03E - *Festuco valesiacae-Limonion gmelinii* Mirkin in Golub et V. Solomakha 1988
- < FEP-03F - *Diantho guttati-Milion vernalis* Umanets et V. Solomakha 1998
- < THE-02D - *Thero-Camphorosmion annuae* Vicherek 1973

### **R63 - [E63] Temperate inland salt marsh**

- < FEP-05A - *Juncion gerardi* Wendelberger 1943
- < FEP-05B - *Beckmannion eruciformis* Soó 1933
- < FEP-05C - *Carici dilutae-Juncion gerardi* Lysenko et Mucina 2015
- < FEP-05D - *Agrostio stoloniferae-Beckmannion eruciformis* Mirkin in Barabash et al. 1989
- < FEP-05E - *Cirsion esculenti* Golub 1994
- < JUN-03A - *Festucion maritimae* Christiansen 1927
- < JUN-03B - *Puccinellio maritimae-Spergularion salinae* Beeftink 1965
- < JUN-03C - *Armerion maritimae* Br.-Bl. et De Leeuw 1936
- <> MOL-10B - *Loto tenuis-Trifolion fragiferi* Westhoff et Den Held ex de Foucault 2009
- < THE-01A - *Therosalicornion* Br.-Bl. 1933
- < THE-02A - *Salicornion prostratae* Géhu 1992
- <> THE-02B - *Suaedion acuminatae* Golub et Tsozbadze in Golub 1995 corr. Lysenko et Mucina 2015

### **R64 - [E64] Semi-desert salt pan**

- < AEL-01A - *Elytrigio-Aeluropodion Ageleulov* et Golub in Golub 1995
- < FEP-04A - *Artemisio pauciflorae-Camphorosmion monspeliacae* Karpov 2001
- < FEP-04B - *Alhagion pseudalhagi* Golub et Czorbadze in Golub 1994
- < KAL-01A - *Kalidion caspici* Golub et al. 2001
- < KAL-01B - *Climacoptero crassae-Suaedion acuminatae* Golub et Čorbadze 1989 corr. Lysenko et Mucina 2015
- < KAL-02A - *Artemisio santonicae-Puccinellion fominii* Shelyag-Sosonko et al. 1989
- < KAL-02B - *Camphorosmo-Agropyron desertorum* Korzhenevsky et Klyukin ex Golub et al. 2006
- < THE-02A - *Salicornion prostratae* Géhu 1992

- <> THE-02B - Suaedion acuminatae Golub et Tsoarbadze in Golub 1995 corr. Lysenko et Mucina 2015
- < THE-02E - Camphorosmo songoricae-Suaedion corniculatae Freitag et al. 2001

#### **R65 - [E65] Continental subsaline alluvial pasture and meadow**

- < FEP-06A - Glycyrrhizion echinatae Golub et Saveleva in Golub 1995
- < FEP-06B - Glycyrrhizion korshinskyi Lysenko 2010
- < FEP-06C - Glycyrrhizion glabrae Golub et Mirkin in Golub 1995

#### **S11 - [F11] Shrub tundra**

- <> KOB-01A - Kobresio-Dryadion Nordhagen 1943
- <> KOB-01B - Dryado octopetalae-Caricion arctisibiricae Koroleva et Kulyugina in Chytrý et al. 2015
- <> KOB-01C - Dryadion integrifoliae Ohba ex Daniëls 1982
- <> LOI-03A - Loiseleurio-Arctostaphylion Kalliola ex Nordhagen 1943
- <> LOI-03B - Phyllodoco-Vaccinion myrtilli Nordhagen 1943

#### **S12 - [F12] Moss and lichen tundra**

- < COC-01B - Cerastio arctici-Saxifragion cernuae H. Hartmann ex Mucina et Daniëls all. nov.
- <> KOB-01A - Kobresio-Dryadion Nordhagen 1943
- <> KOB-01B - Dryado octopetalae-Caricion arctisibiricae Koroleva et Kulyugina in Chytrý et al. 2015
- <> KOB-01C - Dryadion integrifoliae Ohba ex Daniëls 1982
- <> LOI-03A - Loiseleurio-Arctostaphylion Kalliola ex Nordhagen 1943
- <> LOI-03B - Phyllodoco-Vaccinion myrtilli Nordhagen 1943

#### **S21 - [F21] Subarctic and alpine dwarf Salix scrub**

- <> HER-01A - Salicion herbaceae Br.-Bl. in Br.-Bl. et Jenny 1926
- <> HER-01B - Salici herbaceae-Arabidion caeruleae Englisch 1999
- <> HER-01H - Cassiopo-Salicion herbaceae Nordhagen 1943

#### **S22 - [F22a] Alpine and subalpine ericoid heath**

- <> KOB-01A - Kobresio-Dryadion Nordhagen 1943
- < KOB-03B - Salici kazbekensis-Empetrion nigrae Onipchenko 2002
- < LOI-01A - Loiseleurio procumbentis-Vaccinion Br.-Bl. in Br.-Bl. et Jenny 1926
- < LOI-01B - Rhododendro ferruginei-Vaccinion Br.-Bl. ex Schnyder 1930
- < LOI-01C - Vaccinion myrtilli Krajina 1933
- < LOI-01D - Rhododendron myrtifolii de Foucault ex Theurillat et Mucina all. nov.
- < LOI-01E - Rhododendron caucasici Onipchenko 2002

- <> LOI-03A - Loiseleurio-Arctostaphylion Kalliola ex Nordhagen 1943
- <> LOI-03B - Phyllodoco-Vaccinion myrtilli Nordhagen 1943
- < RHO-01A - Ericion carneae Rübél ex Grabherr et al. 1993
- < RHO-01B - Aquilegio nigricantis-Rhododendrion hirsuti Čarni et Mucina 2015
- <> ULI-02D - Genisto pilosae-Vaccinion Br.-Bl. 1926
- < ULI-02E - Bruckenthalion spiculifoliae Horvat 1949

**S23 - [F22b] Alpine and subalpine Juniperus scrub**

- < LOI-02A - Juniperion nanae Br.-Bl. in Br.-Bl. et al. 1939
- < LOI-02B - Daphno oleoidis-Juniperion alpinae Stanisci 1997
- < LOI-02C - Aconito nasuti-Juniperion communis Onipchenko 2002
- < SAB-02B - Genisto versicoloris-Juniperion hemisphaericae Rivas-Mart. et J.A. Molina in Rivas-Mart. et al. 1999
- < SAB-02C - Pruno prostratae-Juniperion sabiniae Rivas-Mart. et J.A. Molina in Rivas-Mart. et al. 1999

**S24 - [F22c] Subalpine genistoid scrub of the Amphi-Adriatic region**

- < RHO-01C - Daphno oleoidis-Genistion radiatae N. Randelović, Rexhepi et Jovanović ex Mucina et Theurillat all. nov.

**S25 - [F23] Subalpine and subarctic deciduous scrub**

- < VIR-01A - Alnion viridis Schnyder 1930
- < VIR-01B - Salicion pentandrae Br.-Bl. 1967
- < VIR-01C - Salicion helveticae Rübél ex Theurillat in Theurillat et al. 1995
- < VIR-01D - Salicion silesiaca Rejmánek et al. 1971
- < VIR-01E - Pruno petraeae-Sorbion aucupariae Rameau ex Seytre et Bœuf in Bœuf 2011
- < VIR-02A - Seslerio calcariae-Rhamnion fallacis Dakskobler et al. 2013
- < VIR-02B - Lonicero-Rhamnion fallacis P. Fukarek 1969
- <> VIR-03A - Salicion phlycifoliae Dierssen 1992
- < VIR-03B - Salicion callicarpeae Daniëls all. nov.
- < VIR-03C - Geranio sylvatici-Betulion pumilae Mucina et Willner ined.
- <> VIR-04A - Rhododendro caucasici-Betulion litwinowii Onipchenko 2002

**S26 - [F24] Subalpine Pinus mugo scrub**

- < MUG-01A - Pinion mugo Pawłowski et al. 1928
- < MUG-01B - Erico-Pinion mugo Leibundgut 1948
- < MUG-01C - Epipactido atropurpureae-Pinion mugo Stanisci 1997
- < MUG-01D - Lonicero borbasiana-Pinion mugo Čarni et Mucina 2015

**S31 - [F31a] Lowland to montane temperate and submediterranean Juniperus scrub**

- < RHA-01I - *Brachypodio pinnati-Juniperion communis* Mucina all. nov.
- <> SAB-03C - *Jasmino-Juniperion excelsae* Didukh, Vakarenko et Shelyag-Sosonko ex Didukh 1996
- < ULI-03A - *Vaccinio-Juniperion communis* Passarge in Passarge et G. Hofmann 1968

### **S32 - [F31b] Temperate Rubus scrub**

- < LON-01A - *Lonicero-Rubion silvatici* Tx. et Neumann ex Wittig 1977
- < LON-02A - *Frangulo-Rubion* Rivas Goday 1964
- < RHA-01F - *Pruno-Rubion radulae* Weber 1974
- <> RHA-03A - *Pruno spinosae-Rubion ulmifolii* O. de Bolòs 1954
- < RHA-03D - *Scrophulario glabratae-Rubion ulmifolii* Vicente Orellana et al. 2012

### **S33 - [F31c] Lowland to montane temperate and submediterranean genistoid scrub**

- < CYT-01A - *Ulici europaei-Cytision striati* Rivas-Mart. et al. 1991
- < CYT-01B - *Genistion floridae* Rivas-Mart. 1974
- < CYT-01C - *Cytision multiflori* Rivas-Mart. 1974
- < CYT-01D - *Retamion monospermae* Rivas-Mart. et Cantó in Rivas-Mart et al. 2002
- < CYT-01E - *Retamion sphaerocarpae* Rivas-Mart. 1981
- < CYT-01F - *Adenocarpion decorticantis* (Rivas-Mart. et F. Valle ex F. Valle 1985) Rivas-Mart. et al. 1999
- < CYT-01G - *Violo messanensis-Adenocarpion complicati* Mucina all. nov.
- < CYT-02A - *Telinion monspessulano-linifoliae* Rivas-Mart. et al. 2002
- < CYT-02B - *Genisto spartioideis-Phlomidion almeriensis* Rivas Goday et Rivas-Mart. 1969
- < CYT-02C - *Genisto scorpii-Retamion sphaerocarpae* Rivas-Mart. et M. Costa in Rivas-Mart. et al. 2011
- < CYT-02D - *Genistion specioso-equisetiformis* Rivas-Mart. et F. Valle in Rivas-Mart. et al. 2011
- <> CYT-03A - *Sarothamnion scoparii* Oberd. 1957
- <> CYT-03C - *Erico scopariae-Cytision scoparii* Mucina all. nov.
- < RHA-02A - *Cytision sessilifolii* Biondi in Biondi et al. 1989

### **S34 - [F31d] Balkan-Anatolian submontane genistoid scrub**

- < - no relationship (yet)

### **S35 - [F31e] Temperate and submediterranean thorn scrub**

- <> LON-01B - *Molinio-Frangulion* Passarge in Passarge et G. Hofmann 1968
- <> PUB-01H - *Syringo-Carpinion orientalis* Jakucs (1959) 1960
- <> RHA-01A - *Berberidion vulgaris* Br.-Bl. ex Tx. 1952 nom. conserv. propos.



- <> RHA-01B - Amelanchiero-Buxion O. de Bolòs et Romo in Romo 1989
- < RHA-01C - Lonicero arboreae-Berberidion hispanicae O. de Bolòs 1954
- <> RHA-01D - Urtico-Crataegion Passarge et G. Hofmann 1968
- < RHA-01G - Frangulo alni-Pyrion cordatae Herrera et al. 1991
- <> RHA-01H - Tamo communis-Viburnion lantanae (Géhu et al. 1983) Mucina stat. nov.
- < RHA-01K - Lamio purpureae-Acerion tatarici Fitsailo 2007
- <> RHA-02B - Ilici aquifolii-Crataegion laciniatae Ubaldi 2011
- < RHA-02C - Fraxino orni-Cotinion Soó 1960
- <> RHA-02D - Buxo-Syringion P. Fukarek ex Diklić 1965
- <> RHA-02E - Paliuro-Petterion P. Fukarek 1962
- < RHA-02F - Rhamno saxatilis-Paliurion spinae-christi Biondi, Casavecchia, Biscotti et Pesaresi in Biondi et al. 2014
- < RHA-02G - Eryngio campestris-Paliurion spinae-christi (Jovanović 1985) Matevski et al. 2008
- <> RHA-02H - Berberido creticae-Prunion cocomiliae Bergmeier 1990
- < RHA-02I - Asparago verticillati-Crataegion tauricae Korzhenevskii et Kliukin 1990
- <> RHA-02J - Elytrigio nodosae-Rhuion coriariae Korzhenevskii et Ryff ex Didukh et Mucina 2014
- < RHA-03B - Arundo plinii-Rubion ulmifolii Biondi, Blasi, Casavecchia et Gasparri in Biondi et al. 2014
- < RHA-03C - Rubio periclymeni-Rubion ulmifolii Oberd. ex Rivas-Mart. et al. 1993
- < RHA-04A - Lauro nobilis-Sambucion nigrae Biondi, Blasi, Casavecchia, Galdenzi et Gasparri in Biondi et al. 2014

#### **S36 - [F31f] Low steppic scrub**

- < RHA-01J - Prunion fruticosae Tx. 1952

#### **S37 - [F31g] Corylus avellana scrub**

- <> RHA-01A - Berberidion vulgaris Br.-Bl. ex Tx. 1952 nom. conserv. propos.
- <> RHA-01D - Urtico-Crataegion Passarge et G. Hofmann 1968
- < RHA-01E - Astantio-Corylion avellanae Passarge 1978
- <> RHA-01H - Tamo communis-Viburnion lantanae (Géhu et al. 1983) Mucina stat. nov.

#### **S38 - [F31h] Temperate forest clearing scrub**

- < ROB-01A - Sambuco-Salicion capreae Tx. et Neumann ex Oberd. 1957
- <> LON-01B - Molinio-Frangulion Passarge in Passarge et G. Hofmann 1968

#### **S41 - [F41] Wet heath**

- < OXY-01A - *Ericion tetralicis* Schwickerath 1933
- < OXY-01B - *Oxycocco-Ericion tetralicis* Nordhagen ex Tx. 1937
- <> ULI-01B - *Ulicion Malcuit* 1929
- < ULI-01E - *Genistion micrantho-anglicae* Rivas-Mart. 1979

#### **S42 - [F42] Dry heath**

- < ULI-01A - *Ericion cinereae* Böcher 1940
- <> ULI-01B - *Ulicion Malcuit* 1929
- < ULI-01C - *Daboecion cantabricae* (Dupont ex Rivas-Mart. 1979) Rivas-Mart. et al. in Loidi et al. 1997
- <> ULI-01D - *Ericion umbellatae* Br.-Bl. in Br.-Bl. et al. 1952
- < ULI-01F - *Stauracanthion boivinii* (Rivas-Mart. 1979) Rivas-Mart. et al. 1999
- <> ULI-02B - *Calluno-Genistion pilosae* P. Duvigneaud 1945
- < ULI-02C - *Euphorbio-Callunion* Schubert ex Passarge 1964
- <> ULI-02D - *Genisto pilosae-Vaccinion* Br.-Bl. 1926

#### **S43 - [F43] Macaronesian heath**

- <> LAU-01A - *Myrico fayae-Ericion arboreae* Oberd. 1965
- <> LAU-01B - *Polysticho falcinelli-Ericion arboreae* Rivas-Mart. et al. 2002
- < LAU-01C - *Telino canariensis-Adenocarpion foliolosi* Rivas-Mart. et al. 1993
- < LAU-01D - *Bystropogono punctati-Telinion maderensis* Capelo et al. 2000
- < ULI-01G - *Daboecion azoricae* Lüpnitz 1975

#### **S51 - [F51] Mediterranean maquis and arborescent matorral**

- <> LAV-01D - *Quercion fruticosae* Rothmaler 1954
- <> QUI-04A - *Ericion arboreae* (Rivas-Mart. ex Rivas-Mart. et al. 1986) Rivas-Mart. 1987
- <> QUI-04C - *Asparago albi-Rhamnion oleoidis* Rivas Goday ex Rivas-Mart. 1975
- <> QUI-04D - *Rhamno lycioidis-Quercion cocciferae* Rivas Goday ex Rivas-Mart. 1975
- <> QUI-04E - *Periplocion angustifoliae* Rivas-Mart. 1975
- <> QUI-04H - *Oleo-Ceratonion siliquae* Br.-Bl. ex Guinochet et Drouineau 1944
- <> QUI-04L - *Ceratonio-Pistacion lentisci* Zohary et Orshan 1959
- < QUI-04M - *Pistacio terebinthi-Rhamnion alaterni* Barbero et Quézel 1975

#### **S52 - [F53] Submediterranean pseudomaquis**

- <> PUB-01H - *Syringo-Carpinion orientalis* Jakucs (1959) 1960
- <> RHA-01B - *Amelanchiero-Buxion* O. de Bolòs et Romo in Romo 1989
- <> RHA-02B - *Illici aquifolii-Crataegion laciniatae* Ubaldi 2011
- <> RHA-02D - *Buxo-Syringion* P. Fukarek ex Diklić 1965

- <> RHA-02E - Paliuro-Petterion P. Fukarek 1962
- <> RHA-02H - Berberido creticae-Prunion cocomiliae Bergmeier 1990
- <> RHA-02J - Elytrigio nodosae-Rhuion coriariae Korzhenevskii et Ryff ex Didukh et Mucina 2014

#### **S53 - [F54] Spartium junceum scrub**

- <> CYT-03A - Sarothamnion scoparii Oberd. 1957
- <> CYT-03B - Cytision oromediterraneo-scoparii Rivas-Mart. et al. 2002
- <> CYT-03C - Erico scopariae-Cytision scoparii Mucina all. nov.
- <> QUI-04A - Ericion arboreae (Rivas-Mart. ex Rivas-Mart. et al. 1986) Rivas-Mart. 1987
- <> QUI-04C - Asparago albi-Rhamnion oleoidis Rivas Goday ex Rivas-Mart. 1975
- <> QUI-04D - Rhamno lycioidis-Quercion cocciferae Rivas Goday ex Rivas-Mart. 1975
- <> QUI-04E - Periplocion angustifoliae Rivas-Mart. 1975
- <> QUI-04H - Oleo-Ceratonion siliquae Br.-Bl. ex Guinochet et Drouineau 1944
- <> QUI-04L - Ceratonio-Pistacion lentisci Zohary et Orshan 1959
- < QUI-04M - Pistacio terebinthi-Rhamnion alaterni Barbero et Quézel 1975

#### **S54 - [F55] Thermomediterranean arid scrub**

- <> QUI-04C - Asparago albi-Rhamnion oleoidis Rivas Goday ex Rivas-Mart. 1975
- <> QUI-04E - Periplocion angustifoliae Rivas-Mart. 1975

#### **S61 - [F61a] Western basiphilous garrigue**

- < ONO-01C - Plantagini discoloris-Thymion mastigophori Molina et Izco 1989
- < ONO-01D - Seselio granatensis-Festucion hystricis Rivas-Mart. in Rivas-Mart. et al. 2011
- < ONO-02E - Genistion lobelii Molinier 1934
- < ONO-02H - Lavandulo angustifoliae-Genistion cinerea Barbero et al. 1974
- < ROS-01A - Lavandulo latifoliae-Genistion boissieri Rivas Goday et Rivas-Mart. 1969
- < ROS-01B - Eryngio trifidi-Ulicion erinacei Rothmaler 1943
- < ROS-01C - Ulici densi-Thymion sylvestris (Capelo et al. 1993) J.C. Costa et al. 2009
- < ROS-01D - Sideritido incanae-Salvion lavandulifoliae (Rivas Goday et Rivas-Mart. 1969) Izco et Molina 1989
- < ROS-01E - Helianthemo italici-Aphyllanthion monspeliensis Díez Garretas et al. 1998
- <> ROS-01F - Rosmarinion officinalis Molinier 1934
- < ROS-01G - Hypericion ericoidis Esteve ex M. Costa et Peris 1985
- <> ROS-01H - Hypericion balearici O. de Bolòs et Molinier 1958

- < ROS-01I - Cisto cretici-Genistion corsicae Arrigoni et Di Tommaso 1991
- < ROS-01J - Polygalo-Seslerion insularis Arrigoni ex Arrigoni et Di Tommaso 1986
- < ROS-04A - Thymo-Sideritidion leucanthae O. de Bolòs 1957
- < ROS-04B - Anthyllido terniflorae-Salsolion papillosae Rivas Goday et Esteve 1968
- < ROS-04C - Sideritidion bourgaeanae Peinado et Martínez-Parras in Peinado et al. 1992
- <> ROS-05A - Andryalion agardhii Rivas-Mart. ex Rivas Goday et Mayor 1966
- < ROS-05B - Lavandulion lanatae (Martínez-Parras et al. 1984) Rivas-Mart. et al. 2002

#### **S62 - [F61b] Western acidophilous garrigue**

- < LAV-01A - Cistion laurifolii Rivas Goday in Rivas Goday et al. 1956
- < LAV-01B - Staehelino-Ulicion baetici Rivas Goday et Rivas-Mart. 1969
- < LAV-01C - Ulici argentei-Cistion ladaniferi Br.-Bl. et al. 1964
- < LAV-01E - Cistion ladaniferi Br.-Bl. ex A. Bolòs et O. Bolòs in A. Bolòs 1950
- < LAV-01F - Calicotomo villosae-Genistion tyrrhenae Biondi 2000
- < LAV-01G - Teucrium mari (Gamisans et Muracciole 1984) Biondi et Mossa 1992
- < LAV-01H - Armerio sardoae-Genistion salzmännii Arrigoni 1986
- < LAV-02A - Coremation albi Rothmaler 1943

#### **S63 - [F62] Eastern garrigue**

- < ROS-06A - Cisto cretici-Ericion manipuliflorae Horvatić 1958
- < ROS-06B - Cisto eriocephali-Ericion multiflorae Biondi 2000
- <> ROS-06C - Micromerion Oberd. 1954
- < ROS-06D - Dorycnio-Coridothymion capitati (Oberd. 1954) S. Brullo et al. 1997

#### **S64 - [F65] Macaronesian garrigue**

- < OLE-02A - Cisto canariensis-Micromerion hyssopifoliae Pérez de Paz et al. 1990 corr. Rivas-Mart. in Rivas-Mart. 2011
- < OLE-02B - Soncho ustulati-Artemision argenteae Capelo et al. 2000

#### **S65 - [F67] Mediterranean gypsum scrub**

- < ROS-03A - Lepidion subulati Bellot et Rivas Goday in Rivas Goday et al. 1957
- <> ROS-03B - Thymo-Teucrium verticillati Rivas Goday in Rivas Goday et al. 1957
- <> TRA-01C - Sedo-Ctenopsion gypsophilae Rivas Goday et Rivas-Mart. ex Izco 1974

**S66 - [F68a] Mediterranean halo-nitrophilous scrub**

- < PEG-01A - Salsolo vermiculatae-Peganion harmalae Br.-Bl. et O. de Bolòs 1954
- < PEG-01B - Haloxyllo-Atriplicion Rivas Goday et Rivas-Mart. ex Rigual 1972
- < PEG-01C - Salsolo oppositifoliae-Suaedion fruticosae Rigual 1972
- < PEG-01D - Lycio europaei-Ipomoeion purpureae O. de Bolòs ex Mucina all. nov.
- < PEG-01E - Artemision arborescentis Géhu et al. 1986
- < PEG-01F - Atriplici halimi-Suaedion verae Géhu et al. ex Bergmeier et Dimopoulos 2003
- < PEG-01G - Medicagini citrinae-Lavaterion arboreae O. de Bolòs et Vigo in O. de Bolòs et al. 1984
- < PEG-02A - Artemisio glutinosae-Santolinion rosmarinifoliae M. Costa 1975
- < PEG-02B - Santolinion pectinato-canescens Peinado et Martínez-Parras 1984
- < PEG-03A - Chenoleion tomentosae Sunding 1972
- < PEG-04A - Artemisio thusculae-Rumicion lunariae Rivas-Mart. et al. 1993
- < PEG-04B - Launaeo arborescentis-Schizogynion sericeae Rivas-Mart. et al. 1993
- < PEG-04C - Argyranthemo succulenti-Calendulion maderensis Capelo et al. 2000
- < PEG-04D - Nicotiano glaucae-Ricinion communis Rivas-Mart. et al. 1999

**S67 - [F68b] Aralo-Caspian semi-desert**

- < LER-01A - Artemision lerchianae Golub 1994
- < LER-01B - Anabasio aphyllae-Artemisio pauciflorae Lysenko in Lysenko et Mucina 2015

**S68 - [F68c] Semi-desert sand dune with sparse scrub**

- < DIG-01G - Tamarici ramosissimae-Salsolion australis Golub 1994
- < LER-02A - Euphorbion seguieranae Golub 1994

**S71 - [F71] Western Mediterranean spiny heath**

- < CRI-02B - Astragalion tragacanthae (Folch ex Rivas-Mart., Fernández-González et Loidi 1999) Rivas-Mart. et al. 2002
- < CRI-02C - Launaeion cervicornis (O. de Bolòs et Vigo ex Gil et Llorens 1995) Rivas-Mart. et al. 1999
- <> ROS-01F - Rosmarinion officinalis Molinier 1934
- <> ROS-01H - Hypericion balearici O. de Bolòs et Molinier 1958

**S72 - [F73] Eastern Mediterranean spiny heath (phrygana)**

- < LAV-03A - Hyperico olympici-Cistion cretici (Oberd. 1954) R. Jahn et Bergmeier in Mucina et al. 2009

- < LAV-03B - *Odontarrheno euboeae-Lavandulion stoechadis* Mucina all. nov.
- < LAV-03C - *Helichryso barrelieri-Phagnalion graeci* (Barbero et Quézel 1989) R. Jahn in Mucina et al. 2009
- <> ROS-06C - *Micromerion* Oberd. 1954
- < ROS-07A - *Hyperico empetrifolii-Micromerion graecae* Barbero et Quézel 1989
- < ROS-07B - *Origano syriaci-Hypericion thymifolii* Mucina et Theurillat all. nov.
- < ROS-07C - *Sarcopoterio spinosi-Genistion fasselatae* M. Costa et al. 1984

#### **S73 - [F74a] Western Mediterranean mountain hedgehog-heath**

- <> CYT-03B - *Cytision oromediterraneo-scoparii* Rivas-Mart. et al. 2002
- < ONO-02F - *Echinospartion horridi* Rivas-Mart. et al. 1991
- < ONO-02G - *Genistion occidentalis* Rivas-Mart. in Rivas-Mart. et al. 1984
- < ROS-02A - *Xeroacantho-Erinaceion* (Quézel 1953) O. de Bolòs 1967
- <> ROS-05A - *Andryalion agardhii* Rivas-Mart. ex Rivas Goday et Mayor 1966
- < SAB-02A - *Cytision oromediterranei* Tx. in Tx. et Oberd. 1958 corr. Rivas-Mart. 1987

#### **S74 - [F74b] Central Mediterranean mountain hedgehog-heath**

- < GEN-01A - *Anthyllidion hermanniae* Klein 1972
- < ONO-03E - *Cerastio-Astragalion nebrodensis* Pignatti et Nimis ex S. Brullo 1984
- < RUM-01A - *Rumici-Astragalion siculi* Poli 1965
- < RUM-01B - *Armerion nebrodensis* S. Brullo 1984
- < RUM-02A - *Koelerio brutiae-Astragalion calabrici* Giacomini et Gentile ex S. Brullo 2005
- < RUM-02B - *Armerion aspromontanae* S. Brullo et al. 2001

#### **S75 - [F74c] Eastern Mediterranean mountain hedgehog-heath**

- < CYP-01A - *Hyperico stenobotryos-Alyssion troodi* S. Brullo et al. 2005
- < DAP-01A - *Astragalo angustifolii-Seslerion coerulantis* Quézel 1964
- < DAP-01B - *Eryngio multifidi-Bromion fibrosi* Quézel 1964
- < DAP-01C - *Stipo pulcherrimae-Morinion persicae* Quézel 1964
- < DAP-02A - *Astragalion cretici* Bergmeier 2002
- < DAP-02B - *Verbascion spinosi* Zaffran ex Bergmeier 2002
- < DAP-02C - *Colchico cretensis-Cirsion morinifolii* Bergmeier 2002

#### **S76 - [F74d] Canarian mountain hedgehog-heath**

- < SUP-01A - *Spartocytision nubigeni* Oberd. ex Esteve 1973
- < SUP-01B - *Plantaginion webbii* Martín Osorio, Wildpret et Rivas-Mart. In Martín Osorio et al. 2007

- < VIO-01A - *Violion cheiranthifoliae* Voggenreiter ex Martín Osorio, Wildpret et Rivas-Mart. in Martín Osorio et al. 2007

**S81 - [F81] Canarian xerophytic scrub**

- < AEO-01A - *Soncho acaulis*-*Sempervivion* Sunding 1972
- < AEO-01B - *Greenovion aureae* Rivas-Mart. et al. 1993
- < AEO-02A - *Aichryso laxi*-*Monanthion laxiflorae* Santos et Reyes Betancort 2009
- <> KLE-01A - *Aeonio-Euphorbion canariensis* Sunding 1972
- < KLE-01B - *Euphorbion regijs-jubo-lamarckii* Rivas-Mart., Wildpret, O. Rodríguez et Del Arco in Rivas-Mart. et al. 2011

**S82 - [F82] Madeiran xerophytic scrub**

- < AEO-01C - *Sinapidendro angustifolii*-*Aeonion glutinosi* Capelo et al. 2000
- <> KLE-01A - *Aeonio-Euphorbion canariensis* Sunding 1972

**S91 - [F91] Temperate riparian scrub**

- < PUR-01A - *Salicion eleagno-daphnoidis* (Moor 1958) Grass 1993
- < PUR-01C - *Salicion triandrae* T. Müller et Görs 1958
- < PUR-01D - *Rubo caesii*-*Amorphion fruticosae* Shevchyk et V. Solomakha in Shevchyk et al. 1996
- < PUR-01E - *Artemisio dniproicae*-*Salicion acutifoliae* Shevchyk et V. Solomakha in Shevchyk et al. 1996
- < PUR-01F - *Salicion salviifoliae* Rivas-Mart. et al. 1984
- < PUR-01G - *Salicion discolori-neotrichae* Br.-Bl. et O. de Bolòs 1958 corr. Rivas-Mart. et al. 2002
- < PUR-01H - *Salicion cantabricae* Rivas-Mart., T.E. Díaz et Penas in Rivas-Mart. et al. 2011
- < PUR-01I - *Salicion pedicellatae* Rivas-Mart. et al. 1984
- < PUR-01J - *Salicion apennino-purpureae* Biondi et Allegranza in Biondi et al. 2014
- < PUR-02A - *Tamaricion parviflorae* I. Kárpáti et V. Kárpáti 1961
- < PUR-02B - *Artemisio scopariae*-*Tamaricion ramosissimae* Simon et Dihoru 1963
- <> VIR-03A - *Salicion phylicifoliae* Dierssen 1992

**S92 - [F92] *Salix fen* scrub**

- < FRA-01A - *Salicion cinereae* T. Müller et Görs ex Passarge 1961
- < FRA-01B - *Alno incanae*-*Salicion pentandrae* Kielland-Lund 1981

**S93 - [F93] Mediterranean riparian scrub**

- < NER-01A - *Tamaricion africanae* Br.-Bl. et O. de Bolòs 1958

- < NER-01B - Tamaricion boveano-canariensis Izco et al. 1984
- < NER-01C - Rubo ulmifolii-Nerion oleandri O. de Bolòs 1958
- < NER-01D - Securinegion buxifoliae Rivas Goday ex López Sáez et Velasco-Negueruela 1995
- < NER-01E - Tamaricion dalmaticae Jasprica in Jasprica, Kovačić & Ruščić 2016
- <> NER-01F - Rubo sancti-Nerion oleandri Brullo et al. 2004
- < PUR-03A - Salicion canariensis Rivas-Mart., Wildpret, Del Arco, O. Rodríguez, Pérez de Paz, García Gallo, Acebes, T.E. Díaz et Fernández-González ex Rivas-Mart. et al. 1999

**S94 - [F94] Semi-desert riparian scrub**

- < TAM-01A - Agropyro fragilis-Tamaricion ramosissimae Golub in Barmin 2001

**T11 - [G11] Temperate Salix and Populus riparian forest**

- < PUR-01B - Salicion albae Soó 1951

**T12 - [G12a] Alnus glutinosa-Alnus incana forest on riparian and mineral soils**

- <> POP-02A - Alnion incanae Pawłowski et al. 1928

**T13 - [G12b] Temperate hardwood riparian forest**

- <> POP-02A - Alnion incanae Pawłowski et al. 1928
- < POP-02B - Hyperico androsaemi-Alnion glutinosae (Amigo et al. 1987) Biurrun et al. 2016
- < POP-02C - Fraxino-Quercion roboris Passarge 1968
- <> POP-02D - Alno-Quercion roboris Horvat 1950
- < POP-02E - Poo angustifoliae-Ulmion laevis Golub in Golub et Kuzmina 1997

**T14 - [G13] Mediterranean and Macaronesian riparian forest**

- POP-01A - Populion albae Br.-Bl. ex Tchou 1949
- =
- < POP-01A - Populion albae Br.-Bl. ex Tchou 1949
- POP-01B - Ligustro vulgaris–Alnion glutinosae Poldini, Sburlino et Venanzoni in Biondi et al. 2015
- = Venanzoni in Biondi et al. 2015
- < POP-01B - Ligustro vulgaris–Alnion glutinosae Poldini, Sburlino et Venanzoni in Biondi et al. 2015
- POP-01C - Osmundo-Alnion glutinosae (Br.-Bl. et al. 1956) Dierschke et Rivas-Mart. in Rivas-Mart. 1975
- = Rivas-Mart. in Rivas-Mart. 1975
- < POP-01C - Osmundo-Alnion glutinosae (Br.-Bl. et al. 1956) Dierschke et Rivas-Mart. in Rivas-Mart. 1975
- POP-01D - Rhododendro pontici-Prunion lusitanicae Pérez Latorre, Galán de Mera et Cabezudo in Pérez Latorre et al. 1999
- = de Mera et Cabezudo in Pérez Latorre et al. 1999



- < POP-01D - *Rhododendro pontici-Prunion lusitanicae* Pérez Latorre, Galán de Mera et Cabezudo in Pérez Latorre et al. 1999
- POP-01E - *Platanion orientalis* I. Kárpáti et V. Kárpáti 1961
- =
- < POP-01E - *Platanion orientalis* I. Kárpáti et V. Kárpáti 1961
- POP-01F - *Lauro nobilis-Fraxinion angustifoliae* I. Kárpáti et V. Kárpáti 1961
- =
- < POP-01F - *Lauro nobilis-Fraxinion angustifoliae* I. Kárpáti et V. Kárpáti 1961
- PUR-03A - *Salicion canariensis* Rivas-Mart., Wildpret, Del Arco, O. Rodríguez, Pérez de Paz, García Gallo, Acebes, T.E. Díaz et Fernández-González ex Rivas-Mart. et al. 1999

**T15 - [G14] Broadleaved swamp forest on non-acid peat**

- = ALN-01A - *Alnion glutinosae* Malcuit 1929
- = ALN-01B - *Frangulo alni-Fraxinion oxycarpae* Poldini, Sbulino et Venanzoni in Biondi et al. 2015
- < ALN-01B - *Frangulo alni-Fraxinion oxycarpae* Poldini, Sbulino et Venanzoni in Biondi et al. 2015
- = ALN-02A - *Salici pentandrae-Betulion pubescentis* Clausnitzer in Dengler et al. 2004
- < ALN-02A - *Salici pentandrae-Betulion pubescentis* Clausnitzer in Dengler et al. 2004

**T16 - [G15] Broadleaved mire forest on acid peat**

- = ALN-03A - *Betulion pubescentis* Lohmeyer et Tx. ex Oberd. 1957

**T17 - [G16a] *Fagus* forest on non-acid soils**

- <> FAG-02A - *Aremonio-Fagion* (Horvat 1950) Borhidi in Török et al. 1989
- <> FAG-02B - *Fagion sylvaticae* Luquet 1926
- <> FAG-02C - *Geranio striati-Fagion* Gentile 1970
- <> FAG-06A - *Fagion orientalis* Soó 1964
- < FAG-06B - *Dentario quinquefoliae-Fagion* Didukh 1996

**T18 - [G16b] *Fagus* forest on acid soils**

- <> FAG-01A - *Luzulo-Fagion sylvaticae* Lohmeyer et Tx. in Tx. 1954
- < FAG-01B - *Illici-Fagion sylvaticae* Br.-Bl. 1967
- < FAG-01C - *Galio rotundifolii-Fagion* Gamisans 1975

**T19 - [G17a] Temperate and submediterranean thermophilous deciduous forest**

- < PUB-01A - *Quercion petraeae* Issler 1931
- < PUB-01B - *Quercion pubescenti-petraeae* Br.-Bl. 1932 nom. mut.
- < PUB-01C - *Aceri tatarici-Quercion* Zólyomi 1957

- < PUB-01D - Lathyro pisiformis-Quercion roboris Solomeshch et Grigoriev in Willner et al. 2015
- < PUB-01E - Aceri granatensis-Quercion fagineae (Rivas Goday, Rigual et Rivas-Mart. 1960) Rivas-Mart. 1987
- < PUB-01F - Fraxino orni-Ostryion Tomažič 1940
- < PUB-01G - Carpinion orientalis Horvat 1958
- <> PUB-01H - Syringo-Carpinion orientalis Jakucs (1959) 1960
- < PUB-01I - Elytrigio nodosae-Quercion pubescentis Didukh 1996
- < PUB-01K - Physospermo-Quercion petraeae A.O. Horvát 1976
- < PUB-01L - Crataego laevigatae-Quercion cerridis Arrigoni 1997
- < PUB-01M - Pino calabricae-Quercion congestae S. Brullo et al. 1999
- < PUB-01N - Quercion confertae Horvat 1958
- < PUB-01O - Quercion petraeo-cerridis Lakušić et B. Jovanović in B. Jovanović et al. ex Čarni et Mucina 2015
- < PUB-01P - Melitto albidae-Quercion Barbero et Quézel 1976

**T1A - [G17b] Mediterranean thermophilous deciduous forest**

- < PUB-01T - Quercion macrolepidis Zohary ex Di Pietro et al. ined.

**T1B - [G18] Acidophilous Quercus forest**

- < QUE-01A - Hymenophyllo-Quercion petraeae Pallas 2000
- <> QUE-01B - Quercion roboris Malcuit 1929
- < QUE-01C - Agrostio-Quercion petraeae Scamoni et Passarge 1959
- < QUE-01D - Quercion pyrenaicae Rivas Goday ex Rivas-Martínez 1965
- < QUE-01E - Castaneo-Quercion petraeae Soó 1964

**T1C - [G19a] Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**

- <> BRA-01B - Veronico teucarii-Pinion sylvestris Ermakov et Solomeshch in Ermakov et al. 2000
- <> BRA-01C - Trollio europaei-Pinion sylvestris Fedorov in Ermakov et al. 2000
- < BRA-02A - Fragario vescae-Populion tremulae Willner et Mucina ined.
- < PIC-04B - Empetro hermaphroditi-Betulion pumilae Mucina, Willner et Grabherr ined.
- <> QUE-02B - Lonicero periclymeni-Betulion pubescentis Géhu 2006
- <> VIR-04A - Rhododendro caucasici-Betulion litwinowii Onipchenko 2002

**T1D - [G19b] Southern European mountain Betula and Populus tremula forest on mineral soils**

- < PIC-04A - Betulion carpatico-pubescentis Rivas-Mart. et M. Costa in Rivas-Mart. et al. 2002
- < QUE-02A - Betulion fontquerio-celtibericae Rivas-Mart. et M. Costa in Rivas-Mart. et al. 2002

#### **T1E - [G1Aa] Carpinus and Quercus mesic deciduous forest**

- <> FAG-03A - Carpinion betuli Issler 1931
- <> FAG-03B - Pulmonario longifoliae-Quercion roboris Rivas-Mart. et Izco in Rivas-Mart. et al. 2002
- < FAG-03C - Erythronio-Carpinion (Horvat 1958) Marinček in Wallnöfer et al. 1993
- < FAG-03D - Castaneo sativae-Carpinion orientalis Quézel, Barbero et Akman ex Quézel et al. 1993
- <> FAG-03E - Paeonio dauricae-Quercion petraeae Didukh 1996
- <> FAG-03E - Paeonio dauricae-Quercion petraeae Didukh 1996
- < FAG-03F - Querco roboris-Tilion cordatae Solomeshch et Laiviņš ex Bulokhov et Solomeshch in Bulokhov et Semenishchenkov 2015
- < FAG-03G - Scillo sibericae-Quercion roboris Onyshchenko 2009
- < FAG-03H - Aconito lycoctoni-Tilion cordatae Solomeshch et Grigoriev in Willner et al. 2016
- < FAG-04A - Crataego-Carpinion caucasicae Passarge 1981
- < FAG-04B - Astrantio-Carpinion caucasicae Passarge 1981

#### **T1F - [G1Ab] Ravine forest**

- <> FAG-05A - Tilio-Acerion Klika 1955
- < FAG-05B - Melico-Tilion platyphylli Passarge et G. Hofmann 1968
- < FAG-05C - Dryopterido affinis-Fraxinion excelsioris Vanden Berghen ex Bœuf et al. in Bœuf 2011
- < FAG-05D - Fraxino excelsioris-Acerion pseudoplatani P. Fukarek 1969
- < FAG-05E - Ostryo carpinifoliae-Tilion platyphylli (Košir et al. 2008) Čarni in Willner et al. 2016
- < FAG-05F - Tilio pseudorubrae-Ostryion carpinifoliae S. Brullo et al. 2001

#### **T1G - [G1Ba] Alnus cordata forest**

- <> FAG-02C - Geranio striati-Fagion Gentile 1970
- <> POP-02A - Alnion incanae Pawłowski et al. 1928
- <> PUB-01R - Lathyro veneti-Taxion baccatae Čarni et Mucina 2015

#### **T1H - [G1C] Broadleaved deciduous plantation of non site-native trees**

- < ROB-02B - Balloto nigrae-Robinion pseudoacaciae Hadač et Sofron 1980
- < ROB-02C - Chelidonio majoris-Robinion pseudoacaciae Hadač et Sofron ex Vítková in Chytrý 2013
- < ROB-02D - Euphorbio cyparissiae-Robinion pseudoacaciae Vítková in Kolbek et al. 2003

#### **T21 - [G21] Mediterranean evergreen Quercus forest**

- < QUI-01A - Quercion ilicis Br.-Bl. ex Molinier 1934

- < QUI-01B - Oleo sylvestris-Quercion rotundifoliae Barbero, Quézel et Rivas-Mart. in Rivas-Mart. et al. 1986 nom. invers. propos.
- < QUI-01C - Quercion broteroi Br.-Bl. et al. 1956 corr. Rivas-Mart. 1972
- <> QUI-01D - Fraxino orni-Quercion ilicis Biondi, Casavecchia et Gigante in Biondi et al. 2013
- < QUI-01E - Erico-Quercion ilicis S. Brullo et al. 1977
- < QUI-01G - Cyclamini cretici-Quercion ilicis Barbero et Quézel in Quézel et al. 1993
- < QUI-01H - Arbuto andrachnes-Quercion cocciferae Barbero et Quézel 1979
- < QUI-02A - Quercion calliprini Zohary 1955
- < QUI-02C - Quercion alnifoliae Barbero et Quézel ex Bergmeier, Mucina et Theurillat in Willner et al. 2015

#### **T22 - [G22] Mainland laurophyllous forest**

- < QUI-01I - Arbuto unedonis-Laurion nobilis Rivas-Mart. et al. 1999

#### **T23 - [G23] Macaronesian laurophyllous forest**

- < AZO-02A - Dryopterido azoricae-Laurion azoricae Rivas-Mart. et al. 2002
- < AZO-02B - Myrico fayae-Pittosporion undulati Lüpnitz 1976
- < LAU-02A - Ixantho viscosae-Laurion azoricae Oberd. ex Santos in Rivas-Mart. et al. 1977
- < LAU-02B - Sibthorpio peregrinae-Clethrion arborea Capelo et al. 2000
- < LAU-02C - Visneo mocanerae-Apollonion barbujae Rivas-Mart. in Capelo et al. 2000

#### **T24 - [G24] Olea europaea-Ceratonia siliqua forest**

- <> OLE-01A - Mayteno canariensis-Juniperion canariensis Santos et F. Galván ex Santos 1983 corr. Rivas-Mart. et al. 1993
- < OLE-01B - Retamion rhodorhizoidis Del Arco et al. 2009
- < OLE-01C - Oleo maderensis-Maytenion umbellatae Capelo et al. 2000
- <> QUI-04H - Oleo-Ceratonion siliquae Br.-Bl. ex Guinochet et Drouineau 1944
- <> QUI-04L - Ceratonio-Pistacion lentisci Zohary et Orshan 1959

#### **T25 - [G25a] Phoenix theophrasti vegetation**

- <> NER-01F - Rubo sancti-Nerion oleandri Brullo et al. 2004

#### **T26 - [G25b] Phoenix canariensis vegetation**

- < OLE-01D - Phoenicion canariensis Rivas-Mart. et Del Arco in Rivas-Mart. et al. 2011

#### **T27 - [G26] Ilex aquifolium forest**

- <> FAG-01A - Luzulo-Fagion sylvaticae Lohmeyer et Tx. in Tx. 1954

- <> FAG-02B - Fagion sylvaticae Luquet 1926
- <> FAG-03A - Carpinion betuli Issler 1931
- <> FAG-03B - Pulmonario longifoliae-Quercion roboris Rivas-Mart. et Izco in Rivas-Mart. et al. 2002
- <> QUE-01B - Quercion roboris Malcuit 1929
- <> QUI-01D - Fraxino orni-Quercion ilicis Biondi, Casavecchia et Gigante in Biondi et al. 2013

#### **T28 - [G27] Macaronesian heathy forest**

- <> AZO-01A - Juniperion brevifoliae Sjögren 1973
- <> LAU-01A - Myrico fayae-Ericion arboreae Oberd. 1965
- <> LAU-01B - Polysticho falcinelli-Ericion arboreae Rivas-Mart. et al. 2002
- < LAU-01E - Euphorbion melliferae Capelo et al. 2003

#### **T31 - [G31a] Temperate mountain Picea forest**

- <> ASA-01A - Aconito septentrionalis-Piceion obovatae Solomeshch, Grigoriev, Khaziakhmetov et Baisheva in Martynenko et al. 2008
- < ERI-01D - Erico carnea-Piceion omorikae Mucina et Čarni all. nov.
- <> PIC-01A - Piceion excelsae Pawłowski et al. 1928
- <> PIC-02A - Aconito rubicundi-Abietion sibiricae Anenkhnov et Chytrý 1998
- <> PIC-06A - Chrysanthemo rotundifolii-Piceion (Krajina 1933) Březina et Hadač in Hadač 1962
- <> PIC-06B - Abieti-Piceion (Br.-Bl. in Br.-Bl. et al. 1939) Soó 1964

#### **T32 - [G31b] Temperate mountain Abies forest**

- <> ASA-01A - Aconito septentrionalis-Piceion obovatae Solomeshch, Grigoriev, Khaziakhmetov et Baisheva in Martynenko et al. 2008
- < FAG-01A - Luzulo-Fagion sylvaticae Lohmeyer et Tx. in Tx. 1954
- <> FAG-02A - Aremonio-Fagion (Horvat 1950) Borhidi in Török et al. 1989
- <> FAG-02B - Fagion sylvaticae Luquet 1926
- <> FAG-02C - Geranio striati-Fagion Gentile 1970
- <> FAG-06A - Fagion orientalis Soó 1964
- <> PIC-02A - Aconito rubicundi-Abietion sibiricae Anenkhnov et Chytrý 1998
- <> PIC-06A - Chrysanthemo rotundifolii-Piceion (Krajina 1933) Březina et Hadač in Hadač 1962
- <> PIC-06B - Abieti-Piceion (Br.-Bl. in Br.-Bl. et al. 1939) Soó 1964
- < PIC-06C - Calamagrostio-Abietion Horvat 1962 nom. invers. propos.

#### **T33 - [G31c] Mediterranean mountain Abies forest**

- <> FAG-02C - Geranio striati-Fagion Gentile 1970
- < PUB-01Q - Paeonio broteroi-Abietion pinsapo (Rivas-Mart. 1987) Rivas-Mart. et al. 2002

- < PUB-01S - *Abietion cephalonicae* Horvat et al. 1974

**T34 - [G32] Temperate subalpine *Larix*, *Pinus cembra* and *Pinus uncinata* forest**

- <> ERI-01A - *Erico carnea*-*Pinion Br.-Bl.* in *Br.-Bl.* et al. 1939 nom. invers. propos.
- <> PIC-01A - *Piceion excelsae* Pawłowski et al. 1928
- < PIC-06D - *Seslerio caeruleae*-*Pinion uncinatae* Vigo 1974

**T35 - [G34a] Temperate continental *Pinus sylvestris* forest**

- < BRA-01A - *Caragano fruticis*-*Pinion sylvestris* Solomeshch et al. 2002
- <> BRA-01B - *Veronico teucarii*-*Pinion sylvestris* Ermakov et Solomeshch in Ermakov et al. 2000
- <> BRA-01C - *Trollio europaei*-*Pinion sylvestris* Fedorov in Ermakov et al. 2000
- <> PIC-03A - *Dicrano*-*Pinion sylvestris* (Libbert 1933) W. Matuszkiewicz 1962 nom. conserv. propos.
- < PYR-01A - *Ononido rotundifoliae*-*Pinion sylvestris* Br.-Bl. 1950
- < PYR-02A - *Festuco*-*Pinion sylvestris* Passarge 1968
- < PYR-03A - *Koelerio glaucae*-*Pinion sylvestris* Ermakov 1999

**T36 - [G34b] Temperate and submediterranean montane *Pinus sylvestris*-*Pinus nigra* forest**

- <> ERI-01A - *Erico carnea*-*Pinion Br.-Bl.* in *Br.-Bl.* et al. 1939 nom. invers. propos.
- < ERI-01B - *Pulsatillo slavicae*-*Pinion* Fajmonová 1978
- < ERI-01C - *Seslerio rigidae*-*Pinion Coldea ex Mucina et Čarni* all. nov.
- < ERI-01E - *Fraxino orni*-*Pinion nigrae* Em 1978
- < ERI-01F - *Erico-Fraxinion orni* Horvat 1959 nom. invers. propos.
- < ERI-01G - *Chamaecytiso hirsuti*-*Pinion pallasianae* Barbero et Quézel 1976 nom. invers. propos.
- < ERI-02A - *Pinion pallasianae* Korzhenevsky 1998
- < ERI-02B - *Libanotido intermediae*-*Pinion sylvestris* Didukh 2003

**T37 - [G34c] Mediterranean montane *Pinus sylvestris*-*Pinus nigra* forest**

- < SAB-01A - *Junipero*-*Pinion sylvestris* Rivas Goday in Rivas Goday et Borja 1961 nom. invers. propos.
- < SAB-01C - *Junipero hemisphaericae*-*Pinion sylvestris* Rivas-Mart. 1983
- < SAB-01D - *Avenello ibericae*-*Pinion ibericae* Rivas-Mart. et J.A. Molina in Rivas-Mart. et al. 1999
- < SAB-03A - *Berberido aetnensis*-*Pinion laricionis* (S. Brullo et al. 2001) Mucina et Theurillat nom. nov.

**T38 - [G34d] Mediterranean montane *Cedrus* forest**

- < PUB-02A - *Querco-Cedrion libani* Barbero et al. 1974

- < PIC-01B - Pinion peucis Horvat 1950
- T39 - [G36] Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest**
- T3A - [G37] Mediterranean lowland to submontane Pinus forest**
- < ERI-01H - Pinion heldreichii Horvat 1946
- < PIC-01B - Pinion peucis Horvat 1950
- < QUI-01F - Genisto pilosae-Pinion pinastri Biondi et Vagge 2015
- T3A - [G37] Mediterranean lowland to submontane Pinus forest**
- <> QUI-03A - Pistacio lentisci-Pinion halepensis Biondi, Blasi, Galdenzi, Pesaresi et Vagge in Biondi et al. 2014
- < PUB-01J - Campanulo sibiricae-Pinion brutiae Litvinskaya et Postarnak ex Mucina all. nov.
- < QUI-01F - Genisto pilosae-Pinion pinastri Biondi et Vagge 2015
- <> QUI-03A - Pistacio lentisci-Pinion halepensis Biondi, Blasi, Galdenzi, Pesaresi et Vagge in Biondi et al. 2014
- < QUI-03B - Alkanno baeoticae-Pinion halepensis Mucina et Dimopoulos in Mucina et al. 2009
- < QUI-03C - Salvio fruticosae-Pinion brutiae Konstantinidis, Mucina et Bergmeier ined.
- T3B - [G38] Pinus canariensis forest**
- <> QUI-03D - Pinion pineae Feinbrun 1959
- <> QUI-04F - Pino pinastri-Juniperion phoeniceae Pérez Latorre et Cabezudo in Pérez Latorre et al. 1998
- T3B - [G38] Pinus canariensis forest**
- < CAN-01A - Cisto symphyfolii-Pinion canariensis Rivas Goday et Esteve ex Esteve 1969
- T3C - [G39a] Taxus baccata forest**
- <> FAG-03A - Carpinion betuli Issler 1931
- <> FAG-05A - Tilio-Acerion Klika 1955
- <> PUB-01R - Lathyro veneti-Taxion baccatae Čarni et Mucina 2015
- T3D - [G39b] Mediterranean Cupressaceae forest**
- < QUI-02B - Aceri sempervirentis-Cupression sempervirentis Barbero et Quézel ex Quézel et al. 1993
- <> QUI-04F - Pino pinastri-Juniperion phoeniceae Pérez Latorre et Cabezudo in Pérez Latorre et al. 1998

- < QUI-04G - Juniperion lagunae Cano et al. 2007
- < QUI-04J - Rhamno graecae-Juniperion lyciae M. Costa et al. 1984
- < SAB-01B - Juniperion thuriferae Rivas-Mart. 1969
- < SAB-03B - Juniperion excelso-foetidissimae Em ex Matevski et al. 2010
- <> SAB-03C - Jasmino-Juniperion excelsae Didukh, Vakarenko et Shelyag-Sosonko ex Didukh 1996
- < SAB-03D - Berberido creticae-Juniperion foetidissimae S. Brullo et al. 2001

### **T3E - [G39c] Macaronesian Juniperus forest**

- <> AZO-01A - Juniperion brevifoliae Sjögren 1973
- < CAN-01B - Juniperion cedri Martín Osorio, Wildpret et Rivas-Mart. in Martín Osorio et al. 2007
- <> OLE-01A - Mayteno canariensis-Juniperion canariensis Santos et F. Galván ex Santos 1983 corr. Rivas-Mart. et al. 1993

### **T3F - [G3A] Dark taiga**

- <> PIC-01A - Piceion excelsae Pawłowski et al. 1928
- <> PIC-02A - Aconito rubicundi-Abietion sibiricae Anenkhonov et Chytrý 1998
- <> PIC-05A - Empetro-Piceion obovatae Morozova et al. 2008

### **T3G - [G3B] Pinus sylvestris light taiga**

- <> PIC-03A - Dicrano-Pinion sylvestris (Libbert 1933) W. Matuszkiewicz 1962 nom. conserv. propos.
- < PIC-03B - Cladonio stellaris-Pinion sylvestris Kielland-Lund ex Ermakov et Morozova 2011

### **T3H - [G3C] Larix light taiga**

- <> PIC-05A - Empetro-Piceion obovatae Morozova et al. 2008

### **T3J - [G3Da] Pinus and Larix mire forest**

- < OXY-02B - Sphagnion medii Kästner et Flössner 1933
- < PIC-07A - Vaccinio uliginosi-Pinion sylvestris Passarge 1968

### **T3K - [G3Db] Picea mire forest**

- < PIC-07B - Eriophoro-Piceion abietis Passarge 1968
- < PIC-08A - Calamagrostio canescentis-Piceion abietis Solomeshch in Willner et al. 2015

## **Explanation of the qualifiers**

- = the type definitions are (more or less) equal
- < the type left of the qualifier is defined as a part of the type right of the qualifier



- > the type left of the qualifier is defined as a broader than and completely including the type right of the qu
- <> both types have a large part that overlaps, but also parts that do not overlap
- ↓ Type moved to another group

## Appendix D: Formal definitions of the revised EUNIS grassland habitat types, heathland, scrub and tundra habitat types, and forest habitat types

The formal definitions also includes preliminary definitions of habitats not belonging to the groups of Grasslands, Shrublands or Forests. These definitions were not prepared as a part of this contract. They are included because they are needed for proper identification of Grassland, Shrubland and Forest habitat types. However, these definitions were not tested, they provide only approximate identifications of the respective habitats, and identification errors can occur. Therefore we do not recommend to use the expert system for identification of other habitats than Grasslands, Shrublands and Forests.

### SECTION 1: Species aggregation

<i>Abies cilicica</i>	-	0
<i>Abies cilicica</i>		0
<i>Abies cilicica</i> subsp. <i>cilicica</i>		0
<i>Abies cilicica</i> subsp. <i>isaurica</i>		0
<i>Abies nordmanniana</i>	-	0
<i>Abies nordmanniana</i>		0
<i>Abies nordmanniana</i> subsp. <i>equi-trojani</i>		0
<i>Abies nordmanniana</i> subsp. <i>nordmanniana</i>		0
<i>Abietinella abietina</i>	-	0
<i>Abietinella abietina</i>		0
<i>Abietinella abietina</i> var. <i>abietina</i>		0
<i>Abietinella abietina</i> var. <i>hystricosa</i>		0
<i>Thuidium abietinum</i> subsp. <i>abietinum</i>		0
<i>Thuidium abietinum</i> subsp. <i>hystricosum</i>		0
<i>Acantholimon acerosum</i>	-	0
<i>Acantholimon acerosum</i>		0
<i>Acantholimon acerosum</i> subsp. <i>brachystachyum</i>		0
<i>Acantholimon ulicinum</i>	-	0
<i>Acantholimon ulicinum</i>		0
<i>Acantholimon ulicinum</i> subsp. <i>ulicinum</i> var. <i>ulicinu</i>		0
<i>Acantholimon venestum</i>	-	0
<i>Acantholimon venestum</i> var. <i>laxiflorum</i>		0
<i>Acantholimon venestum</i> var. <i>venustum</i>		0
<i>Acanthus mollis</i>	-	0

Acanthus mollis	0
Acanthus mollis subsp. mollis	0
Acanthus mollis subsp. platyphyllus	0
Acer campestre	- 0
Acer campestre	0
Acer campestre subsp. campestre	0
Acer campestre subsp. marsicum	0
Acer cappadocicum	- 0
Acer cappadocicum	0
Acer lobelii	0
Acer heldreichii	- 0
Acer heldreichii	0
Acer heldreichii subsp. heldreichii	0
Acer heldreichii subsp. macropterum	0
Acer hyrcanum	- 0
Acer hyrcanum	0
Acer hyrcanum subsp. hyrcanum	0
Acer hyrcanum subsp. hyrcanum var. hyrcanum	0
Acer hyrcanum subsp. intermedium	0
Acer hyrcanum subsp. keckianum	0
Acer hyrcanum subsp. reginae-amaliae	0
Acer hyrcanum subsp. sphaerocaryum	0
Acer hyrcanum subsp. stevenii	0
Acer hyrcanum subsp. tauricolum	0
Acer paradoxum	0
Acer monspessulanum	- 0
Acer monspessulanum	0
Acer monspessulanum subsp. cinerascens	0
Acer monspessulanum subsp. ibericum	0
Acer monspessulanum subsp. microphyllum	0
Acer monspessulanum subsp. monspessulanum	0
Acer monspessulanum subsp. oksalianum	0
Acer opalus aggr.	- 0
Acer obtusatum	0
Acer obtusatum subsp. obtusatum	0
Acer opalus	0
Acer granatense	0
Acer opalus subsp. opalus	0
Acer opalus aggr.	0
Acer platanoides	- 0

Acer platanoides	0
Acer platanoides subsp. italum	0
Acer platanoides subsp. platanoides	0
Acer pseudoplatanus	- 0
Acer pseudoplatanus	0
Acer pseudoplatanus var. pseudoplatanus	0
Aconitum anthora	- 0
Aconitum anthora	0
Aconitum anthora subsp. confertiflorum	0
Aconitum burnatii	- 0
Aconitum burnatii	0
Aconitum burnatii subsp. pentheri	0
Aconitum degenii	- 0
Aconitum degenii	0
Aconitum degenii subsp. valesiacum	0
Aconitum lycoctonum	- 0
Aconitum lycoctonum	0
Aconitum lycoctonum subsp. lasiostomum	0
Aconitum lycoctonum subsp. lycoctonum	0
Aconitum lycoctonum subsp. neapolitanum	0
Aconitum lycoctonum subsp. septentrionale	0
Aconitum lycoctonum subsp. vulparia	0
Aconitum lycoctonum aggr.	0
Aconitum vulparia subsp. vulparia	0
Aconitum moldavicum	- 0
Aconitum moldavicum	0
Aconitum moldavicum subsp. hosteanum	0
Aconitum moldavicum subsp. moldavicum	0
Aconitum napellus	- 0
Aconitum napellus	0
Aconitum napellus subsp. corsicum	0
Aconitum napellus subsp. lobelii	0
Aconitum napellus subsp. lusitanicum	0
Aconitum napellus subsp. napellus	0
Aconitum napellus subsp. vulgare	0
Aconitum napellus aggr.	0
Aconitum variegatum	- 0
Aconitum variegatum	0
Aconitum variegatum subsp. gracile	0

Aconitum variegatum subsp. nasutum	0
Aconitum variegatum subsp. pyrenaicum	0
Aconitum variegatum subsp. variegatum	0
Adenocarpus complicatus	- 0
Adenocarpus complicatus	0
Adenocarpus complicatus subsp. aureus	0
Adenocarpus complicatus subsp. commutatus	0
Adenocarpus complicatus subsp. complicatus	0
Adenocarpus complicatus subsp. lainzii	0
Adenocarpus hispanicus	- 0
Adenocarpus hispanicus	0
Adenocarpus hispanicus subsp. argyrophyllus	0
Adenocarpus hispanicus subsp. gredensis	0
Adenocarpus hispanicus subsp. neilense	0
Adenocarpus viscosus	- 0
Adenocarpus viscosus	0
Adenocarpus viscosus var. spartioides	0
Adenostyles alliariae	- 0
Adenostyles alliariae	0
Adenostyles alliariae subsp. alliariae	0
Adenostyles alliariae var. kernerii	0
Adenostyles alpina	- 0
Adenostyles alpina	0
Adenostyles alpina subsp. alpina	0
Adenostyles alpina subsp. briquetii	0
Adenostyles alpina subsp. pyrenaica	0
Adonis aestivalis	- 0
Adonis aestivalis	0
Adonis aestivalis subsp. aestivalis	0
Adonis aestivalis subsp. squarrosa	0
Adonis microcarpa	- 0
Adonis microcarpa	0
Adonis microcarpa subsp. microcarpa	0
Adoxa moschatellina	- 0
Adoxa moschatellina	0
Adoxa moschatellina subsp. moschatellina	0
Aegilops comosa	- 0
Aegilops comosa	0

Aegilops comosa subsp. comosa	0
Aegilops comosa subsp. heldreichii	0
Aegilops ovata	- 0
Aegilops ovata var. macrochaeta	0
Aegilops ovata var. ovata	0
Aegilops ovata var. triaristata	0
Aeluropus littoralis	- 0
Aeluropus littoralis	0
Aeluropus littoralis subsp. intermedius	0
Aethionema saxatile	- 0
Aethionema saxatile	0
Aethionema saxatile subsp. creticum	0
Aethionema saxatile subsp. graecum	0
Aethionema saxatile subsp. ovalifolium	0
Aethionema saxatile subsp. saxatile	0
Aethionema speciosum	- 0
Aethionema speciosum subsp. compactum	0
Aethionema speciosum subsp. speciosum	0
Aethusa cynapium	- 0
Aethusa cynapium	0
Aethusa cynapium subsp. cynapium	0
Aethusa cynapium subsp. elata	0
Agrimonia eupatoria	- 0
Agrimonia eupatoria	0
Agrimonia eupatoria subsp. asiatica	0
Agrimonia eupatoria subsp. eupatoria	0
Agrimonia eupatoria subsp. grandis	0
Agropyron cristatum	- 0
Agropyron cristatum	0
Agropyron cristatum subsp. brandzae	0
Agropyron cristatum subsp. cristatum	0
Agropyron cristatum subsp. pectinatum	0
Agropyron cristatum subsp. ponticum	0
Agropyron cristatum subsp. sabulosum	0
Agropyron cristatum subsp. sclerophyllum	0
Agropyrum intermedium	- 0
Agropyrum intermedium var. banaticum	0
Agropyrum intermedium var. villosum	0

Agrostemma githago	-	0
Agrostemma githago		0
Agrostemma githago subsp. githago		0
Agrostis canina	-	0
Agrostis canina		0
Agrostis canina subsp. canina		0
Agrostis canina subsp. granatensis		0
Agrostis capillaris	-	0
Agrostis capillaris		0
Agrostis capillaris subsp. capillaris		0
Agrostis gigantea	-	0
Agrostis gigantea		0
Agrostis gigantea subsp. gigantea		0
Agrostis gigantea subsp. maeotica		0
Agrostis gigantea subsp. moldavica		0
Agrostis rupestris	-	0
Agrostis rupestris		0
Agrostis rupestris subsp. rupestris		0
Agrostis stolonifera	-	0
Agrostis stolonifera		0
Agrostis stolonifera var. latifolia		0
Agrostis stolonifera var. pontica		0
Agrostis stolonifera var. pseudopungens		0
Agrostis stolonifera aggr.		0
Agrostis stolonifera subsp. stolonifera		0
Achillea ageratifolia	-	0
Achillea ageratifolia		0
Achillea ageratifolia subsp. aizoon		0
Achillea ageratifolia subsp. serbica		0
Achillea barrelieri	-	0
Achillea barrelieri		0
Achillea barrelieri subsp. barrelieri		0
Achillea barrelieri subsp. mucronulata		0
Achillea distans	-	0
Achillea distans		0
Achillea distans subsp. alpina		0
Achillea distans subsp. distans		0
Achillea distans s.l.		0
Achillea distans subsp. stricta		0

Achillea distans subsp. tanacetifolia	0
Achillea erba-rotta	- 0
Achillea erba-rotta	0
Achillea erba-rotta subsp. calcarea	0
Achillea erba-rotta subsp. erba-rotta	0
Achillea erba-rotta subsp. moschata	0
Achillea millefolium aggr.	- 0
Achillea millefolium	0
Achillea millefolium subsp. ceretanica	0
Achillea millefolium subsp. collina	0
Achillea millefolium subsp. collina f. rubriflora	0
Achillea millefolium subsp. millefolium	0
Achillea millefolium subsp. sudetica	0
Achillea millefolium aggr.	0
Achillea millefolium subsp. lanulosa	0
Achillea millefolium subsp. collina novicii	0
Achillea millefolium et collina	0
Achillea collina	0
Achillea collina x panonnica	0
Achillea nobilis	- 0
Achillea nobilis	0
Achillea nobilis subsp. neilreichii	0
Achillea nobilis subsp. nobilis	0
Achillea nobilis var. ochroleuca	0
Achillea oxyloba	- 0
Achillea oxyloba	0
Achillea oxyloba subsp. schurii	0
Achillea ptarmica	- 0
Achillea ptarmica	0
Achillea ptarmica subsp. ptarmica	0
Achillea santolinoides	- 0
Achillea santolinoides	0
Achillea santolinoides subsp. wilhelmsii	0
Achillea setacea	- 0
Achillea setacea	0
Achillea setacea subsp. setacea	0
Achillea virescens	- 0
Achillea virescens	0
Achillea virescens subsp. tenorei	0



Aira caryophyllea	-	0
Aira caryophyllea		0
Aira caryophyllea et elegantissima		0
Aira caryophyllea subsp. caryophyllea		0
Aira caryophyllea subsp. plesiantha		0
Aira elegantissima	-	0
Aira elegantissima		0
Aira elegans subsp. ambigua		0
Ajuga chamaepitys	-	0
Ajuga chamaepitys		0
Ajuga chamaepitys subsp. chamaepitys		0
Ajuga chamaepitys subsp. chia		0
Ajuga pyramidalis	-	0
Ajuga pyramidalis		0
Ajuga pyramidalis subsp. pyramidalis		0
Ajuga pyramidalis subsp. rotundifolia		0
Alcea biennis	-	0
Alcea biennis		0
Alcea biennis subsp. cretica		0
Alcea pallida	-	0
Alcea pallida subsp. cretica		0
Alcea pallida subsp. pallida		0
Alcea striata	-	0
Alcea striata subsp. rufescens		0
Alcea striata subsp. striata		0
Alectoria sarmentosa	-	0
Alectoria sarmentosa		0
Alectoria sarmentosa subsp. vexillifera		0
Alectoria sarmentosa var. vexillifera		0
Alchemilla alpina	-	0
Alchemilla alpina		0
Alchemilla alpina aggr.		0
Alchemilla filicaulis	-	0
Alchemilla filicaulis		0
Alchemilla filicaulis subsp. filicaulis		0
Alchemilla fissa	-	0

Alchemilla fissa	0
Alchemilla fissa aggr.	0
Alchemilla vulgaris aggr.	- 0
Alchemilla vulgaris	0
Alchemilla vulgaris aggr.	0
Alchemilla vulgaris subsp. montana	0
Alchemilla xanthochlora	- 0
Alchemilla xanthochlora	0
Alchemilla xanthochlora aggr.	0
Alisma plantago-aquatica	- 0
Alisma plantago-aquatica	0
Alisma plantago-aquatica aggr.	0
Alkanna graeca	- 0
Alkanna graeca	0
Alkanna graeca subsp. baeotica	0
Alkanna tinctoria	- 0
Alkanna tinctoria	0
Alkanna tinctoria subsp. anatolica	0
Alkanna tinctoria subsp. glandulosa	0
Alkanna tinctoria subsp. tinctoria	0
Allium ampeloprasum	- 0
Allium ampeloprasum	0
Allium ampeloprasum subsp. ampeloprasum var. babin	0
Allium bourgeaui	- 0
Allium bourgeaui	0
Allium bourgeaui subsp. creticum	0
Allium carinatum	- 0
Allium carinatum	0
Allium carinatum subsp. carinatum	0
Allium carinatum subsp. pulchellum	0
Allium carinatum var. violaceum	0
Allium circinnatum	- 0
Allium circinnatum	0
Allium circinnatum subsp. circinnatum	0
Allium cupani	- 0
Allium cupani	0
Allium cupani subsp. cupani	0

Allium decipiens	-	0
Allium decipiens		0
Allium decipiens subsp. decipiens		0
Allium ericetorum	-	0
Allium ericetorum		0
Allium ericetorum subsp. ericetorum		0
Allium flavescens	-	0
Allium flavescens		0
Allium flavescens subsp. flavescens		0
Allium flavum	-	0
Allium flavum		0
Allium flavum subsp. flavum		0
Allium flavum subsp. tauricum		0
Allium fuscum	-	0
Allium fuscum		0
Allium fuscum subsp. fuscum		0
Allium guttatum	-	0
Allium guttatum		0
Allium guttatum subsp. dalmaticum		0
Allium guttatum subsp. guttatum		0
Allium guttatum subsp. sardoum		0
Allium chamaemoly	-	0
Allium chamaemoly		0
Allium chamaemoly subsp. chamaemoly		0
Allium lusitanicum	-	0
Allium senescens		0
Allium lusitanicum		0
Allium senescens subsp. senescens		0
Allium oleraceum	-	0
Allium oleraceum		0
Allium oleraceum subsp. oleraceum		0
Allium pallens	-	0
Allium pallens		0
Allium pallens subsp. pallens		0
Allium pallens subsp. siciliense		0
Allium pallens var. pallens		0

Allium paniculatum	-	0
Allium paniculatum		0
Allium paniculatum subsp. paniculatum		0
Allium paniculatum var. longispathum		0
Allium rotundum	-	0
Allium rotundum		0
Allium rotundum subsp. rotundum f. diocletianii		0
Allium saxatile	-	0
Allium saxatile		0
Allium saxatile subsp. tergestinum		0
Allium scorodoprasum	-	0
Allium scorodoprasum		0
Allium scorodoprasum subsp. scorodoprasum		0
Allium schoenoprasum	-	0
Allium schoenoprasum		0
Allium schoenoprasum subsp. gredense		0
Allium schoenoprasum subsp. latiorifolium		0
Allium schoenoprasum subsp. schoenoprasum		0
Allium schoenoprasum subsp. schoenoprasum var. sib		0
Allium schoenoprasum var. alvareense		0
Allium siculum	-	0
Allium siculum		0
Allium siculum subsp. dioscoridis		0
Allium sphaerocephalon	-	0
Allium sphaerocephalon		0
Allium sphaerocephalon subsp. arvense		0
Allium sphaerocephalon subsp. sphaerocephalon		0
Allium sphaerocephalon subsp. sphaerocephalon var.		0
Allium sphaerocephalon subsp. trachypus		0
Allium ursinum	-	0
Allium ursinum		0
Allium ursinum subsp. ursinum		0
Alnus glutinosa	-	0
Alnus glutinosa		0
Alnus glutinosa subsp. barbata		0
Alnus glutinosa subsp. glutinosa		0
Alnus incana	-	0
Alnus incana		0

Alnus incana subsp. incana	0
Alnus incana subsp. kolaensis	0
Alnus viridis	- 0
Alnus viridis	0
Alnus viridis subsp. suaveolens	0
Alnus viridis subsp. viridis	0
Alopecurus magellanicus	- 0
Alopecurus magellanicus	0
Alopecurus magellanicus subsp. glaucus	0
Alopecurus myosuroides	- 0
Alopecurus myosuroides	0
Alopecurus myosuroides var. myosuroides	0
Alopecurus pratensis	- 0
Alopecurus pratensis	0
Alopecurus pratensis subsp. laguriformis	0
Alopecurus pratensis subsp. pratensis	0
Alopecurus utriculatus	- 0
Alopecurus utriculatus	0
Alopecurus utriculatus subsp. utriculatus	0
Althaea cannabina	- 0
Althaea cannabina	0
Althaea cannabina subsp. cannabina	0
Althaea officinalis	- 0
Althaea officinalis	0
Althaea officinalis subsp. officinalis	0
Althenia filiformis	- 0
Althenia filiformis	0
Althenia filiformis subsp. filiformis var. barrand	0
Alyssoides utriculata	- 0
Alyssoides utriculata	0
Alyssoides utriculata subsp. bulgarica	0
Alyssoides utriculata subsp. utriculata	0
Alyssum cuneifolium	- 0
Alyssum cuneifolium	0
Alyssum cuneifolium subsp. cuneifolium	0
Alyssum diffusum	- 0

Alyssum diffusum	0
Alyssum diffusum subsp. diffusum	0
Alyssum diffusum subsp. garganicum	0
Alyssum hirsutum	- 0
Alyssum hirsutum	0
Alyssum hirsutum subsp. caespitosum	0
Alyssum hirsutum subsp. hirsutum	0
Alyssum montanum	- 0
Alyssum montanum	0
Alyssum montanum subsp. montanum	0
Alyssum montanum subsp. serbicum	0
Alyssum gmelinii	0
Alyssum austrodalmaticum	0
Alyssum repens	- 0
Alyssum repens	0
Alyssum repens subsp. repens	0
Alyssum repens subsp. trychostachyum	0
Alyssum stribrnyi	- 0
Alyssum stribrnyi	0
Alyssum stribrnyi var. macedonicum	0
Alyssum strigosum	- 0
Alyssum strigosum	0
Alyssum strigosum subsp. cedrorum	0
Alyssum strigosum subsp. strigosum	0
Alyssum turkestanicum	- 0
Alyssum turkestanicum	0
Alyssum turkestanicum var. desertorum	0
Amaranthus blitum	- 0
Amaranthus blitum	0
Amaranthus blitum subsp. blitum	0
Amaranthus blitum var. oleraceus	0
Amaranthus graecizans	- 0
Amaranthus graecizans	0
Amaranthus graecizans subsp. graecizans	0
Amaranthus graecizans subsp. sylvestris	0
Amaranthus hybridus	- 0
Amaranthus hybridus	0
Amaranthus hybridus subsp. hybridus	0

Amaranthus hybridus subsp. hybridus var. pseudoret	0
Amaranthus hybridus subsp. hypochondriacus	0
Amaranthus lividus	- 0
Amaranthus lividus f. microphyllus	0
Amaranthus lividus subsp. ascendens	0
Amblystegium serpens	- 0
Amblystegium serpens	0
Amblystegium serpens var. juratzkanum	0
Amblystegium serpens var. salinum	0
Amblystegium serpens var. serpens	0
Amelanchier ovalis	- 0
Amelanchier ovalis	0
Amelanchier ovalis subsp. cretica	0
Amelanchier ovalis subsp. ovalis	0
Ammophila arenaria	- 0
Ammophila arenaria	0
Ammophila arenaria aggr.	0
Ammophila arenaria subsp. arenaria	0
Ammophila arenaria subsp. arundinacea	0
Ammophila arenaria subsp. australis	0
Anacamptis coriophora	- 0
Orchis coriophora	0
Orchis coriophora subsp. carpetana	0
Orchis coriophora subsp. coriophora	0
Orchis coriophora subsp. fragans	0
Anacamptis morio	- 0
Anacamptis morio	0
Anacamptis morio subsp. champagneuxii	0
Anacamptis morio subsp. longicornu	0
Anacamptis morio subsp. picta	0
Anacamptis palustris aggr.	- 0
Anacamptis laxiflora	0
Anacamptis palustris subsp. elegans	0
Anacamptis palustris subsp. palustris	0
Orchis laxiflora subsp. laxiflora	0
Anacamptis palustris	0
Anacyclus radiatus	- 0
Anacyclus radiatus	0
Anacyclus radiatus subsp. coronatus	0

<i>Anacyclus radiatus</i> subsp. <i>radiatus</i>	0
<i>Anagallis arvensis</i>	- 0
<i>Anagallis arvensis</i>	0
<i>Anagallis arvensis</i> subsp. <i>arvensis</i> var. <i>arvensis</i>	0
<i>Anagallis arvensis</i> subsp. <i>arvensis</i> var. <i>caerulea</i>	0
<i>Andrachne telephioides</i>	- 0
<i>Andrachne telephioides</i>	0
<i>Andrachne telephioides</i> subsp. <i>oreocreten</i>	0
<i>Andrachne telephioides</i> subsp. <i>telephioides</i>	0
<i>Andreaea rupestris</i>	- 0
<i>Andreaea rupestris</i>	0
<i>Andreaea rupestris</i> var. <i>rupestris</i>	0
<i>Andromeda polifolia</i>	- 0
<i>Andromeda polifolia</i>	0
<i>Andromeda polifolia</i> subsp. <i>pumila</i>	0
<i>Androsace cylindrica</i>	- 0
<i>Androsace cylindrica</i>	0
<i>Androsace cylindrica</i> subsp. <i>cylindrica</i>	0
<i>Androsace cylindrica</i> subsp. <i>willkommii</i>	0
<i>Androsace villosa</i>	- 0
<i>Androsace villosa</i>	0
<i>Androsace villosa</i> subsp. <i>villosa</i>	0
<i>Androsace vitaliana</i>	- 0
<i>Androsace vitaliana</i>	0
<i>Androsace vitaliana</i> subsp. <i>assoana</i>	0
<i>Androsace vitaliana</i> subsp. <i>praetutiana</i>	0
<i>Vitaliana primuliflora</i> subsp. <i>praetutiana</i>	0
<i>Vitaliana primuliflora</i> subsp. <i>primuliflora</i>	0
<i>Andryala glandulosa</i>	- 0
<i>Andryala glandulosa</i>	0
<i>Andryala glandulosa</i> subsp. <i>cheiranthifolia</i>	0
<i>Andryala pinnatifida</i>	- 0
<i>Andryala pinnatifida</i>	0
<i>Andryala pinnatifida</i> subsp. <i>mogadorensis</i>	0
<i>Andryala pinnatifida</i> subsp. <i>pinnatifida</i>	0
<i>Andryala pinnatifida</i> subsp. <i>teydensis</i>	0
<i>Andryala ragusina</i>	- 0



Andryala ragusina	0
Andryala ragusina var. ramosissima	0
Anemonastrum narcissiflorum	- 0
Anemonastrum narcissiflorum	0
Anemonastrum narcissiflorum subsp. chrysanthum	0
Anemonastrum narcissiflorum subsp. crinitum	0
Anemonastrum narcissiflorum subsp. narcissiflorum	0
Anemone narcissiflora subsp. wildenowii	0
Anemone hortensis	- 0
Anemone hortensis	0
Anemone hortensis subsp. heldreichii	0
Anemone hortensis subsp. hortensis	0
Anemone ranunculoides	- 0
Anemone ranunculoides	0
Anemone ranunculoides subsp. ranunculoides	0
Anemone trifolia	- 0
Anemone trifolia	0
Anemone trifolia subsp. albida	0
Anemone trifolia subsp. brevidentata	0
Anemone trifolia subsp. trifolia	0
Angelica archangelica	- 0
Angelica archangelica	0
Angelica archangelica subsp. archangelica	0
Angelica archangelica subsp. litoralis	0
Angelica sylvestris	- 0
Angelica sylvestris	0
Angelica sylvestris subsp. sylvestris	0
Angelica sylvestris var. villosa	0
Anchonium elichrysifolium	- 0
Anchonium elichrysifolium	0
Anchonium elichrysifolium subsp. canescens	0
Anchonium elichrysifolium subsp. elichrysifolium	0
Anchonium elichrysifolium subsp. villosum	0
Anchusa crispa	- 0
Anchusa crispa	0
Anchusa crispa subsp. crispa	0
Anchusa leptophylla	- 0
Anchusa leptophylla	0

<i>Anchusa leptophylla</i> subsp. <i>incana</i>	0
<i>Anisantha madritensis</i>	- 0
<i>Anisantha madritensis</i>	0
<i>Anisantha madritensis</i> subsp. <i>madritensis</i>	0
<i>Anomobryum julaceum</i>	- 0
<i>Anomobryum julaceum</i>	0
<i>Anomobryum julaceum</i> var. <i>julaceum</i>	0
<i>Antennaria alpina</i>	- 0
<i>Antennaria alpina</i>	0
<i>Antennaria alpina</i> subsp. <i>porsildii</i>	0
<i>Anthemis ammanthus</i>	- 0
<i>Anthemis ammanthus</i>	0
<i>Anthemis ammanthus</i> subsp. <i>ammanthus</i>	0
<i>Anthemis ammanthus</i> subsp. <i>paleacea</i>	0
<i>Anthemis arvensis</i>	- 0
<i>Anthemis arvensis</i>	0
<i>Anthemis arvensis</i> subsp. <i>arvensis</i>	0
<i>Anthemis arvensis</i> subsp. <i>cyllenea</i>	0
<i>Anthemis arvensis</i> subsp. <i>incrassata</i>	0
<i>Anthemis arvensis</i> subsp. <i>sphacelata</i>	0
<i>Anthemis carpatica</i>	- 0
<i>Anthemis carpatica</i> subsp. <i>carpatica</i>	0
<i>Anthemis carpatica</i> subsp. <i>petraea</i>	0
<i>Anthemis carpatica</i> var. <i>carpatica</i>	0
<i>Anthemis cretica</i>	- 0
<i>Anthemis cretica</i>	0
<i>Anthemis cretica</i> subsp. <i>albida</i>	0
<i>Anthemis cretica</i> subsp. <i>alpina</i>	0
<i>Anthemis cretica</i> subsp. <i>anatolica</i>	0
<i>Anthemis cretica</i> subsp. <i>calabrica</i>	0
<i>Anthemis cretica</i> subsp. <i>carpatica</i>	0
<i>Anthemis cretica</i> subsp. <i>columnae</i>	0
<i>Anthemis cretica</i> subsp. <i>cretica</i>	0
<i>Anthemis cretica</i> subsp. <i>iberica</i>	0
<i>Anthemis cretica</i> subsp. <i>leucanthemoides</i>	0
<i>Anthemis cretica</i> subsp. <i>pyrethriiformis</i>	0
<i>Anthemis cretica</i> subsp. <i>saxatilis</i>	0
<i>Anthemis cretica</i> subsp. <i>tenuiloba</i>	0
<i>Anthemis cretica</i> var. <i>hinkovae</i>	0

<i>Anthemis hydruntina</i>	-	0
<i>Anthemis hydruntina</i>		0
<i>Anthemis hydruntina</i> subsp. <i>silensis</i>		0
<i>Anthemis macedonica</i>	-	0
<i>Anthemis macedonica</i>		0
<i>Anthemis macedonica</i> subsp. <i>macedonica</i>		0
<i>Anthemis macedonica</i> subsp. <i>orbelica</i>		0
<i>Anthemis macedonica</i> subsp. <i>thracica</i>		0
<i>Anthemis macedonica</i> var. <i>delicatula</i>		0
<i>Anthemis rigida</i>	-	0
<i>Anthemis rigida</i>		0
<i>Anthemis rigida</i> subsp. <i>rigida</i>		0
<i>Anthemis tinctoria</i>	-	0
<i>Anthemis tinctoria</i> f. <i>discoidea</i>		0
<i>Anthemis tinctoria</i> subsp. <i>australis</i>		0
<i>Anthemis tinctoria</i> subsp. <i>tinctoria</i>		0
<i>Anthemis tinctoria</i> subsp. <i>tinctoria</i> var. <i>tinctoria</i>		0
<i>Anthemis tomentosa</i>	-	0
<i>Anthemis tomentosa</i>		0
<i>Anthemis tomentosa</i> subsp. <i>heracleotica</i>		0
<i>Anthemis tomentosa</i> subsp. <i>tomentosa</i>		0
<i>Anthericum ramosum</i>	-	0
<i>Anthericum ramosum</i>		0
<i>Anthericum ramosum</i> f. <i>simplex</i>		0
<i>Anthoceros punctatus</i>	-	0
<i>Anthoceros punctatus</i>		0
<i>Anthoceros punctatus</i> var. <i>cavernosus</i>		0
<i>Anthoxanthum aristatum</i>	-	0
<i>Anthoxanthum aristatum</i>		0
<i>Anthoxanthum aristatum</i> subsp. <i>aristatum</i>		0
<i>Anthoxanthum odoratum</i> aggr.	-	0
<i>Anthoxanthum odoratum</i> aggr.		0
<i>Anthoxanthum odoratum</i>		0
<i>Anthoxanthum alpinum</i>		0
<i>Anthoxanthum odoratum</i> var. <i>montanum</i>		0
<i>Anthoxanthum odoratum</i> subsp. <i>nipponicum</i>		0
<i>Anthoxanthum odoratum</i> subsp. <i>odoratum</i>		0
<i>Anthriscus cerefolium</i>	-	0

Anthriscus cerefolium	0
Anthriscus cerefolium subsp. trichosperm	0
Anthriscus cerefolium subsp. trichosperma	0
Anthriscus sylvestris	- 0
Anthriscus sylvestris	0
Anthriscus sylvestris subsp. fumarioides	0
Anthriscus sylvestris subsp. nemorosus	0
Anthriscus sylvestris subsp. stenophylla	0
Anthriscus sylvestris subsp. sylvestris	0
Anthriscus sylvestris var. alpestris	0
Anthyllis montana	- 0
Anthyllis montana	0
Anthyllis montana subsp. atropurpurea	0
Anthyllis montana subsp. jacquinii	0
Anthyllis montana subsp. montana	0
Anthyllis tejedensis	- 0
Anthyllis tejedensis	0
Anthyllis tejedensis subsp. plumosa	0
Anthyllis vulneraria	- 0
Anthyllis vulneraria	0
Anthyllis vulneraria subsp. alpestris	0
Anthyllis vulneraria subsp. arundana	0
Anthyllis vulneraria subsp. boissieri	0
Anthyllis vulneraria subsp. bulgarica	0
Anthyllis vulneraria subsp. carpatica	0
Anthyllis vulneraria subsp. fontqueri	0
Anthyllis vulneraria subsp. gandogeri	0
Anthyllis vulneraria subsp. hispidissima	0
Anthyllis vulneraria subsp. iberica	0
Anthyllis vulneraria subsp. macedonica	0
Anthyllis vulneraria subsp. maritima	0
Anthyllis vulneraria subsp. maura	0
Anthyllis vulneraria subsp. pindicola	0
Anthyllis vulneraria subsp. polyphylla	0
Anthyllis vulneraria subsp. pseudoarundana	0
Anthyllis vulneraria subsp. pseudovulneraria	0
Anthyllis vulneraria subsp. pulchella	0
Anthyllis vulneraria subsp. reuteri	0
Anthyllis vulneraria subsp. rubriflora	0
Anthyllis vulneraria subsp. sampaioana	0
Anthyllis vulneraria subsp. scardica	0
Anthyllis vulneraria subsp. valesiaca	0
Anthyllis vulneraria subsp. vulneraria	0

Anthyllis vulneraria subsp. vulnerarioides	0
Anthyllis vulneraria subsp. weldeniana	0
Anthyllis vulneraria var. vulgaris	0
Antinoria agrostidea	- 0
Antinoria agrostidea	0
Antinoria agrostidea subsp. natans	0
Antirrhinum barrelieri	- 0
Antirrhinum barrelieri	0
Antirrhinum barrelieri subsp. litigiosum	0
Antirrhinum majus	- 0
Antirrhinum majus	0
Antirrhinum majus subsp. cirrhigerum	0
Antirrhinum majus subsp. linkianum	0
Antirrhinum majus subsp. majus	0
Antirrhinum majus subsp. tortuosum	0
Antirrhinum meonanthum	- 0
Antirrhinum meonanthum	0
Antirrhinum meonanthum subsp. ambiguum	0
Antitrichia curtispindula	- 0
Antitrichia curtispindula	0
Antitrichia curtispindula f. curtispindula	0
Apera spica-venti	- 0
Apera spica-venti	0
Apera spica-venti subsp. maritima	0
Apera spica-venti subsp. spica-venti	0
Apium graveolens	- 0
Apium graveolens	0
Apium graveolens var. sylvestre	0
Aquilegia nigricans	- 0
Aquilegia nigricans	0
Aquilegia nigricans subsp. nigricans	0
Aquilegia pyrenaica	- 0
Aquilegia pyrenaica	0
Aquilegia pyrenaica subsp. pyrenaica	0
Arabidopsis arenosa	- 0
Arabidopsis arenosa	0
Arabidopsis arenosa subsp. borbasii	0

Cardaminopsis arenosa subsp. arenosa	0
Arabidopsis halleri	- 0
Arabidopsis halleri	0
Arabidopsis halleri subsp. ovirensis	0
Cardaminopsis halleri	0
Cardaminopsis halleri subsp. halleri	0
Cardaminopsis halleri subsp. slovacica	0
Arabis alpina	- 0
Arabis alpina	0
Arabis alpina subsp. alpina	0
Arabis alpina subsp. caucasica	0
Arabis collina	- 0
Arabis collina	0
Arabis collina subsp. rosea	0
Arabis hirsuta	- 0
Arabis hirsuta	0
Arabis hirsuta var. glaberrima	0
Arabis nova	- 0
Arabis nova	0
Arabis nova subsp. iberica	0
Arabis soyeri	- 0
Arabis soyeri	0
Arabis soyeri subsp. subcoriacaea	0
Arctium minus	- 0
Arctium minus	0
Arctium minus aggr.	0
Arctium minus subsp. minus	0
Arctostaphylos uva-ursi	- 0
Arctostaphylos uva-ursi	0
Arctostaphylos uva-ursi subsp. uva-ursi	0
Aremonia agrimonoides	- 0
Aremonia agrimonoides	0
Aremonia agrimonoides subsp. agrimonoides	0
Arenaria aggregata	- 0
Arenaria aggregata	0
Arenaria aggregata subsp. aggregata	0
Arenaria aggregata subsp. erinacea	0

Arenaria aggregata subsp. pseudoarmeriastrum	0
Arenaria aggregata subsp. racemosa	0
Arenaria erinacea	0
Arenaria racemosa	0
Arenaria armerina	- 0
Arenaria armerina	0
Arenaria armerina subsp. armerina	0
Arenaria armerina subsp. caesia	0
Arenaria ciliata	- 0
Arenaria ciliata	0
Arenaria ciliata subsp. ciliata	0
Arenaria ciliata subsp. moehringioides	0
Arenaria conferta	- 0
Arenaria conferta	0
Arenaria conferta subsp. conferta	0
Arenaria conferta subsp. serpentini	0
Arenaria conimbricensis	- 0
Arenaria conimbricensis	0
Arenaria conimbricensis subsp. viridis	0
Arenaria deflexa	- 0
Arenaria deflexa subsp. deflexa	0
Arenaria deflexa subsp. microsepala	0
Arenaria filicaulis	- 0
Arenaria filicaulis subsp. filicaulis	0
Arenaria filicaulis subsp. graeca	0
Arenaria filicaulis subsp. teddii	0
Arenaria fontqueri	- 0
Arenaria fontqueri	0
Arenaria fontqueri subsp. hispanica	0
Arenaria grandiflora	- 0
Arenaria grandiflora	0
Arenaria grandiflora subsp. bolosii	0
Arenaria grandiflora subsp. grandiflora	0
Arenaria grandiflora var. incrassata	0
Arenaria grandiflora var. multiflora	0
Arenaria gypsophiloides	- 0
Arenaria gypsophiloides	0
Arenaria gypsophiloides var. gypsophiloides	0

<i>Arenaria kotschyana</i>	-	0
<i>Arenaria kotschyana</i> subsp. <i>kotschyana</i>		0
<i>Arenaria kotschyana</i> subsp. <i>stenophylla</i>		0
<i>Arenaria leptoclados</i>	-	0
<i>Arenaria leptoclados</i>		0
<i>Arenaria leptoclados</i> f. <i>viscidula</i>		0
<i>Arenaria leptoclados</i> var. <i>viscidula</i>		0
<i>Arenaria modesta</i>	-	0
<i>Arenaria modesta</i>		0
<i>Arenaria modesta</i> var. <i>purpurascens</i>		0
<i>Arenaria montana</i>	-	0
<i>Arenaria montana</i>		0
<i>Arenaria montana</i> subsp. <i>intricata</i>		0
<i>Arenaria montana</i> subsp. <i>montana</i>		0
<i>Arenaria obtusiflora</i>	-	0
<i>Arenaria obtusiflora</i>		0
<i>Arenaria obtusiflora</i> subsp. <i>ciliaris</i>		0
<i>Arenaria pamphylica</i>	-	0
<i>Arenaria pamphylica</i> subsp. <i>alpestris</i>		0
<i>Arenaria pamphylica</i> subsp. <i>pamphylica</i>		0
<i>Arenaria procera</i>	-	0
<i>Arenaria procera</i>		0
<i>Arenaria procera</i> subsp. <i>procera</i>		0
<i>Arenaria procera</i> subsp. <i>pubescens</i>		0
<i>Arenaria rhodia</i>	-	0
<i>Arenaria rhodia</i> subsp. <i>rhodia</i>		0
<i>Arenaria rhodia</i> subsp. <i>subsp rhodia</i> var. <i>macropeta</i>		0
<i>Arenaria saponarioides</i>	-	0
<i>Arenaria saponarioides</i>		0
<i>Arenaria saponarioides</i> subsp. <i>saponarioides</i>		0
<i>Arenaria serpyllifolia</i>	-	0
<i>Arenaria serpyllifolia</i>		0
<i>Arenaria serpyllifolia</i> f. <i>viscida</i>		0
<i>Arenaria serpyllifolia</i> f. <i>viscosa</i>		0
<i>Arenaria serpyllifolia</i> var. <i>serpilifolia</i>		0
<i>Arenaria serpyllifolia</i> var. <i>stepicola</i>		0
<i>Arenaria serpyllifolia</i> var. <i>viscida</i>		0



Arenaria serpyllifolia aggr.	0
Arenaria serpyllifolia et leptoclados	0
Arenaria tetraquetra	- 0
Arenaria tetraquetra	0
Arenaria tetraquetra subsp. amabilis	0
Arenaria tetraquetra subsp. murcica	0
Argentina anserina	- 0
Argentina anserina	0
Potentilla anserina subsp. anserina	0
Potentilla anserina subsp. egedii	0
Argyranthemum adauctum	- 0
Argyranthemum adauctum	0
Argyranthemum adauctum subsp. canariense	0
Argyranthemum adauctum subsp. dugorii	0
Argyranthemum frutescens	- 0
Argyranthemum frutescens	0
Argyranthemum frutescens subsp. frutescens	0
Arisarum vulgare	- 0
Arisarum vulgare	0
Arisarum vulgare subsp. simorrhinum	0
Arisarum vulgare subsp. vulgare	0
Aristida adscensionis	- 0
Aristida adscensionis	0
Aristida adscensionis subsp. coerulescens	0
Aristolochia rotunda	- 0
Aristolochia rotunda	0
Aristolochia rotunda subsp. insularis	0
Aristolochia rotunda subsp. rotunda	0
Armeria alliacea	- 0
Armeria alliacea	0
Armeria alliacea subsp. alliacea	0
Armeria alliacea subsp. matritensis	0
Armeria alpina	- 0
Armeria alpina	0
Armeria alpina subsp. bubanii	0
Armeria arenaria	- 0
Armeria arenaria	0

Armeria arenaria subsp. anomala	0
Armeria arenaria subsp. apennina	0
Armeria arenaria subsp. arenaria	0
Armeria arenaria subsp. burgalensis	0
Armeria arenaria subsp. segoviensis	0
Armeria arenaria subsp. vestita	0
Armeria bigerrensis	- 0
Armeria bigerrensis	0
Armeria bigerrensis subsp. losae	0
Armeria bigerrensis subsp. microcephala	0
Armeria bourgaei	- 0
Armeria bourgaei	0
Armeria bourgaei subsp. willkommiana	0
Armeria canescens	- 0
Armeria canescens	0
Armeria canescens subsp. canescens	0
Armeria canescens subsp. dalmatica	0
Armeria canescens subsp. nebrodensis	0
Armeria canescens var. serpentini	0
Armeria gracilis subsp. majellensis	0
Armeria langei	- 0
Armeria langei	0
Armeria langei subsp. langei	0
Armeria maritima	- 0
Armeria maritima	0
Armeria maritima subsp. barcensis	0
Armeria maritima subsp. elongata	0
Armeria maritima subsp. maritima	0
Armeria maritima subsp. miscella	0
Armeria maritima subsp. purpurea	0
Armeria maritima subsp. sibirica	0
Armeria rumelica	- 0
Armeria rumelica	0
Armeria rumelica f. rhodopea	0
Armeria rumelica var. tempskyana	0
Armeria villosa	- 0
Armeria villosa	0
Armeria villosa subsp. bernisii	0
Armeria villosa subsp. longiaristata	0

Arnica montana	-	0
Arnica montana		0
Arnica montana subsp. atlantica		0
Arnica montana subsp. montana		0
Arrhenatherum elatius	-	0
Arrhenatherum elatius		0
Arrhenatherum elatius subsp. baeticum		0
Arrhenatherum elatius subsp. bulbosum		0
Arrhenatherum elatius subsp. carpetanum		0
Arrhenatherum elatius subsp. elatius		0
Arrhenatherum elatius subsp. nebrodense		0
Arrhenatherum elatius subsp. sardoum		0
Artemisia alba	-	0
Artemisia alba		0
Artemisia alba subsp. canescens		0
Artemisia caerulescens	-	0
Artemisia caerulescens		0
Artemisia caerulescens subsp. caerulescens		0
Artemisia caerulescens subsp. densiflora		0
Artemisia caerulescens subsp. gallica		0
Artemisia campestris	-	0
Artemisia campestris		0
Artemisia campestris subsp. alpina		0
Artemisia campestris subsp. borealis		0
Artemisia campestris subsp. bottnica		0
Artemisia campestris subsp. campestris		0
Artemisia campestris subsp. glutinosa		0
Artemisia campestris subsp. inodora		0
Artemisia campestris subsp. lednicensis		0
Artemisia campestris subsp. maritima		0
Artemisia campestris subsp. variabilis		0
Artemisia herba-alba	-	0
Artemisia herba-alba		0
Artemisia herba-alba subsp. herba-alba		0
Artemisia lobelii	-	0
Artemisia lobelii var. canescens		0
Artemisia lobelii var. saxatilis		0
Artemisia maritima	-	0
Artemisia maritima		0
Artemisia maritima subsp. maritima		0

Artemisia maritima subsp. monogina	0
Artemisia maritima var. salina	0
Artemisia santonicum	- 0
Artemisia santonicum	0
Artemisia santonicum subsp. patens	0
Artemisia santonicum subsp. santonicum	0
Artemisia umbelliformis	- 0
Artemisia umbelliformis	0
Artemisia umbelliformis subsp. eriantha	0
Artemisia vulgaris	- 0
Artemisia vulgaris	0
Artemisia vulgaris subsp. coarctata	0
Artemisia vulgaris aggr.	0
Arum elongatum	- 0
Arum elongatum	0
Arum elongatum subsp. elongatum	0
Arum italicum	- 0
Arum italicum	0
Arum italicum subsp. albispathum	0
Arum italicum subsp. canariensis	0
Arum italicum subsp. italicum	0
Arum italicum subsp. neglectum	0
Arum maculatum	- 0
Arum maculatum	0
Arum maculatum aggr.	0
Arum orientale	- 0
Arum orientale	0
Arum lucanum	0
Arum orientale subsp. orientale	0
Asarum europaeum	- 0
Asarum europaeum	0
Asarum europaeum subsp. caucasicum	0
Asarum europaeum subsp. europaeum	0
Asparagus aphyllus	- 0
Asparagus aphyllus	0
Asparagus aphyllus subsp. aphyllus	0
Asparagus aphyllus subsp. orientalis	0

Asparagus nesiotes	-	0
Asparagus nesiotes		0
Asparagus nesiotes subsp. purpuriense		0
Asparagus officinalis	-	0
Asparagus officinalis		0
Asparagus officinalis subsp. officinalis		0
Asparagus officinalis subsp. prostratus		0
Asparagus umbellatus	-	0
Asparagus umbellatus		0
Asparagus umbellatus subsp. lowei		0
Asperula aristata	-	0
Asperula aristata		0
Asperula aristata subsp. condensata		0
Asperula aristata subsp. nestia		0
Asperula aristata subsp. oreophila		0
Asperula aristata subsp. scabra		0
Asperula aristata subsp. scabra var. glabra		0
Asperula aristata subsp. thessala		0
Asperula cynanchica	-	0
Asperula cynanchica		0
Asperula cynanchica subsp. brachysiphon		0
Asperula cynanchica subsp. cynanchica		0
Asperula cynanchica subsp. occidentalis		0
Asperula cynanchica subsp. paui		0
Asperula cynanchica var. brachysiphon		0
Asperula cynanchica var. densiflora		0
Asperula cynanchica var. hirsuta		0
Asperula cynanchica var. montana		0
Asperula cynanchica aggr.		0
Asperula lilaciflora	-	0
Asperula lilaciflora subsp. lilaciflora		0
Asperula lilaciflora subsp. phrygia		0
Asperula longiflora	-	0
Asperula longiflora		0
Asperula longiflora f. subglabra		0
Asperula longiflora var. glabra		0
Asperula lutea	-	0
Asperula lutea		0
Asperula lutea subsp. lutea		0
Asperula lutea subsp. mungieri		0

Asperula lutea subsp. rigidula	0
Asperula purpurea	- 0
Asperula purpurea	0
Asperula purpurea subsp. apiculata	0
Asperula purpurea subsp. apiculatum	0
Asperula purpurea subsp. purpurea	0
Asperula purpurea var. trichanta	0
Asperula stricta	- 0
Asperula stricta	0
Asperula stricta subsp. latibracteata	0
Asperula stricta subsp. stricta	0
Asperula taurina	- 0
Asperula taurina	0
Asperula taurina subsp. caucasica	0
Asperula taurina subsp. leucanthera	0
Asperula taurina subsp. taurina	0
Asperula tinctoria	- 0
Asperula tinctoria	0
Asperula tinctoria subsp. hungarorum	0
Asperula tinctoria var. ciliata	0
Asphodelus albus	- 0
Asphodelus albus	0
Asphodelus albus subsp. albus	0
Asphodelus albus subsp. delphinensis	0
Asphodelus albus var. arrondeaui	0
Asphodelus macrocarpus	- 0
Asphodelus macrocarpus	0
Asphodelus macrocarpus subsp. arrondeaui	0
Asphodelus macrocarpus subsp. macrocarpus	0
Asphodelus macrocarpus subsp. rubescens	0
Asphodelus ramosus	- 0
Asphodelus ramosus	0
Asphodelus ramosus subsp. distalis	0
Asphodelus ramosus subsp. ramosus	0
Aspicilia contorta	- 0
Aspicilia contorta	0
Aspicilia contorta subsp. hoffmanniana	0
Asplenium adiantum-nigrum	- 0

Asplenium adiantum-nigrum	0
Asplenium adiantum-nigrum subsp. adiantum-nigrum	0
Asplenium adiantum-nigrum subsp. nigrum	0
Asplenium adiantum-nigrum subsp. woronowii	0
Asplenium adulterinum	- 0
Asplenium adulterinum	0
Asplenium adulterinum subsp. adulterinum	0
Asplenium ceterach	- 0
Asplenium ceterach	0
Asplenium ceterach subsp. bivalens	0
Asplenium ceterach subsp. ceterach	0
Asplenium lepidum	- 0
Asplenium lepidum	0
Asplenium lepidum subsp. haussknechtii	0
Asplenium lepidum subsp. lepidum	0
Asplenium obovatum	- 0
Asplenium obovatum	0
Asplenium obovatum subsp. billotii	0
Asplenium obovatum subsp. obovatum	0
Asplenium petrarchae	- 0
Asplenium petrarchae	0
Asplenium petrarchae subsp. petrarchae	0
Asplenium ruta-muraria	- 0
Asplenium ruta-muraria	0
Asplenium ruta-muraria subsp. dolomiticum	0
Asplenium ruta-muraria subsp. ruta-muraria	0
Asplenium scolopendrium	- 0
Asplenium scolopendrium	0
Asplenium scolopendrium subsp. antri-jovis	0
Asplenium scolopendrium subsp. scolopendrium	0
Asplenium seelosii	- 0
Asplenium seelosii	0
Asplenium seelosii subsp. glabrum	0
Asplenium septentrionale	- 0
Asplenium septentrionale	0
Asplenium septentrionale subsp. caucasicum	0
Asplenium septentrionale subsp. septentrionale	0

Asplenium trichomanes	-	0
Asplenium trichomanes		0
Asplenium trichomanes subsp. hastatum		0
Asplenium trichomanes subsp. inexpectans		0
Asplenium trichomanes subsp. pachyrachis		0
Asplenium trichomanes subsp. quadrivalens		0
Asplenium trichomanes subsp. trichomanes		0
Asplenium trichomanes var. anceps		0
Aster alpinus	-	0
Aster alpinus		0
Aster alpinus subsp. alpinus		0
Aster amellus	-	0
Aster amellus		0
Aster amellus subsp. bessarabicus		0
Aster sedifolius	-	0
Aster sedifolius subsp. angustissimus		0
Aster sedifolius subsp. sedifolius		0
Aster willkommii	-	0
Aster willkommii		0
Aster willkommii subsp. catalaunicus		0
Asteriscus aquaticus	-	0
Asteriscus aquaticus		0
Asteriscus aquaticus subsp. aquaticus		0
Asteriscus graveolens	-	0
Asteriscus graveolens		0
Asteriscus graveolens subsp. stenophyllus		0
Astracantha diphtherites	-	0
Astragalus diphtherites var. diphtherites		0
Astragalus diphtherites var. karataschensis		0
Astracantha granatensis	-	0
Astragalus granatensis subsp. granatensis		0
Astracantha parnassi subsp. cyllenea	-	0
Astracantha parnassi subsp. cyllenea		0
Astracantha thracica subsp. cyllenea		0
Astracantha rumelica	-	0
Astracantha rumelica		0
Astracantha rumelica subsp. rumelica		0



Astracantha sicula	-	0
Astragalus granatensis subsp. siculus		0
Astracantha thracica	-	0
Astracantha thracica subsp. thracica		0
Astragalus alpinus	-	0
Astragalus alpinus		0
Astragalus alpinus subsp. arcticus		0
Astragalus angustiflorus	-	0
Astragalus angustiflorus subsp. amanus		0
Astragalus angustiflorus subsp. anatolicus		0
Astragalus angustifolius subsp. angustifolius var.		0
Astragalus angustifolius subsp. angustifolius		0
Astragalus angustifolius subsp. biokovenssis		0
Astragalus angustifolius subsp. pungens		0
Astragalus barba-jovis	-	0
Astragalus barba-jovis var. barba-jovis		0
Astragalus barba-jovis var. candicans		0
Astragalus basianicus	-	0
Astragalus basianicus var. basianicus		0
Astragalus basianicus var. glabrescens		0
Astragalus campylosema	-	0
Astragalus campylosema subsp. atropurpureus		0
Astragalus campylosema subsp. champylosema		0
Astragalus campylosema subsp. nigripilis		0
Astragalus cephalotes	-	0
Astragalus cephalotes var. brevicalyx		0
Astragalus cephalotes var. cephalotes		0
Astragalus cephalotes var. sintenisianus		0
Astragalus depressus	-	0
Astragalus depressus		0
Astragalus depressus var. depressus		0
Astragalus depressus var. tasheliensis		0
Astragalus drusorum	-	0
Astragalus drusorum var. drusorum		0
Astragalus drusorum var. maroniticus		0
Astragalus elongatus	-	0

Astragalus elongatus subsp. elongatus	0
Astragalus elongatus subsp. nucleiferus	0
Astragalus eriocephalus	- 0
Astragalus eriocephalus subsp. elongatus	0
Astragalus eriocephalus subsp. eriocephalus	0
Astragalus exscapus	- 0
Astragalus exscapus	0
Astragalus exscapus subsp. exscapus	0
Astragalus exscapus subsp. pubiflorus	0
Astragalus glycyphyllos	- 0
Astragalus glycyphyllos	0
Astragalus glycyphyllos subsp. glycyphylloides	0
Astragalus glycyphyllos subsp. glycyphyllos	0
Astragalus incanus	- 0
Astragalus incanus	0
Astragalus incanus subsp. incanus	0
Astragalus incanus subsp. incurvis	0
Astragalus incanus subsp. nummularioides	0
Astragalus incanus s.l.	0
Astragalus kurdicus	- 0
Astragalus kurdicus var. kurdicus	0
Astragalus kurdicus var. muschianus	0
Astragalus leporinus	- 0
Astragalus leporinus var. hirsutus	0
Astragalus leporinus var. leporinus	0
Astragalus lineatus	- 0
Astragalus lineatus var. jildisianus	0
Astragalus lineatus var. lineatus	0
Astragalus lineatus var. longidens	0
Astragalus macrocephalus	- 0
Astragalus macrocephalus subsp. cucullaris	0
Astragalus macrocephalus subsp. finitimus	0
Astragalus macrocephalus subsp. macrocephalus	0
Astragalus maximus	- 0
Astragalus maximus var. dasysemius	0
Astragalus maximus var. maximus	0
Astragalus monspessulanus	- 0

Astragalus monspessulanus	0
Astragalus monspessulanu subsp. monspessu	0
Astragalus monspessulanus subsp. gypsophi	0
Astragalus monspessulanus subsp. illyricu	0
Astragalus monspessulanus subsp. illyricus	0
Astragalus monspessulanus subsp. monspessulanus	0
Astragalus monspessulanus subsp. teresianus	0
Astragalus onobrychis	- 0
Astragalus onobrychis	0
Astragalus onobrychis subsp. banaticus	0
Astragalus onobrychis subsp. onobrychis	0
Astragalus onobrychis subsp. scorpili	0
Astragalus onobrychis var. angustifolia	0
Astragalus onobrychis var. chlorocarpu	0
Astragalus onobrychis var. chlorocarpus	0
Astragalus onobrychis var. linearifolius	0
Astragalus onobrychis var. multijugus	0
Astragalus onobrychis var. scorpili	0
Astragalus onobrychis var. wagneri	0
Astragalus oocephalus	- 0
Astragalus oocephalus subsp. oocephalus	0
Astragalus oocephalus subsp. stachyophorus	0
Astragalus parnassi	- 0
Astragalus parnassi subsp. cylleneus	0
Astragalus parnassi subsp. parnassi	0
Astragalus pelecinus	- 0
Astragalus pelecinus subsp. pelecinus	0
Astragalus pennatus	- 0
Astragalus pennatus subsp. eriocalyx	0
Astragalus pennatus subsp. pennatus	0
Astragalus pinetorum	- 0
Astragalus declinatus	0
Astragalus plumosus	- 0
Astragalus plumosus var. akardaghicus	0
Astragalus plumosus var. krugianus	0
Astragalus plumosus var. nitens	0
Astragalus plumosus var. plumosus	0
Astragalus ptilodes	- 0
Astragalus ptilodes var. cariensis	0

Astragalus ptilodes var. ptilodes	0
Astragalus pycnocephalus	- 0
Astragalus pycnocephalus var. pycnocephalus	0
Astragalus pycnocephalus var. seytunensis	0
Astragalus sempervirens	- 0
Astragalus sempervirens	0
Astragalus sempervirens subsp. muticus	0
Astragalus sempervirens subsp. nevadensis	0
Astragalus sempervirens subsp. sempervirens	0
Astragalus sirinicus	- 0
Astragalus sirinicus	0
Astragalus sirinicus subsp. genargenteus	0
Astragalus sirinicus subsp. sirinicus	0
Astragalus stevenianus	- 0
Astragalus stevenianus var. kochianus	0
Astragalus stevenianus var. stevenianus	0
Astragalus strictifolius	- 0
Astragalus strictifolius var. kutepovii	0
Astragalus strictifolius var. strictifolius	0
Astragalus suberosus	- 0
Astragalus suberosus subsp. ancyleus	0
Astragalus suberosus subsp. haarbachi	0
Astragalus suberosus subsp. mersinensis	0
Astragalus suberosus subsp. suberosus	0
Astragalus tmoleus	- 0
Astragalus tmoleus var. bounacanthus	0
Astragalus tmoleus var. tmoleus	0
Astragalus tragacantha	- 0
Astragalus tragacantha	0
Astragalus tragacantha subsp. terraccianoi	0
Astragalus vesicarius	- 0
Astragalus vesicarius	0
Astragalus vesicarius subsp. albidus	0
Astragalus vesicarius subsp. carniolicus	0
Astragalus vesicarius subsp. pastellianus	0
Astragalus vesicarius subsp. vesicarius	0
Astragalus xylobasis	- 0

Astragalus xylobasis var. angustus	0
Astragalus xylobasis var. xylobasis	0
Astrantia major	- 0
Astrantia major	0
Astrantia major subsp. elatior	0
Astrantia major subsp. involuocrata	0
Astrantia major subsp. major	0
Astrantia maxima	- 0
Astrantia maxima	0
Astrantia maxima subsp. haradjianii	0
Astrantia maxima subsp. maxima	0
Astrantia pauciflora	- 0
Astrantia pauciflora	0
Astrantia pauciflora subsp. tenorei	0
Asyneuma anthericoides	- 0
Asyneuma anthericoides	0
Asyneuma anthericoides f. dobrogensis	0
Asyneuma canescens	- 0
Asyneuma canescens	0
Asyneuma canescens subsp. canescens	0
Asyneuma limonifolium	- 0
Asyneuma limonifolium	0
Asyneuma limonifolium subsp. limonifolium	0
Asyneuma rigidum	- 0
Asyneuma rigidum	0
Asyneuma rigidum subsp. rigidum	0
Athamanta turbith	- 0
Athamanta turbith	0
Athamanta turbith subsp. haynaldii	0
Athamanta turbith subsp. hungarica	0
Atraphaxis billardieri	- 0
Atraphaxis billardieri	0
Atraphaxis billardieri var. billardieri	0
Atraphaxis billardieri var. tournefortii	0
Atrichum undulatum	- 0
Atrichum undulatum	0
Atrichum undulatum var. gracilisetum	0

Atrichum undulatum var. undulatum	0
Atriplex hastata	- 0
Atriplex hastata subsp. salina	0
Atriplex hastata var. salina	0
Atriplex tatarica	- 0
Atriplex tatarica	0
Atriplex tatarica var. constantinopolitana	0
Atriplex tatarica var. pseudo-ornata	0
Atriplex tatarica var. tatanica	0
Aubrieta canescens	- 0
Aubrieta canescens subsp. canescens	0
Aubrieta canescens subsp. cilicica	0
Aubrieta canescens subsp. macrostyla	0
Aubrieta columnae	- 0
Aubrieta columnae subsp. columnae	0
Aubrieta columnae subsp. croatica	0
Aubrieta columnae subsp. italica	0
Aulacomnium palustre	- 0
Aulacomnium palustre	0
Aulacomnium palustre var. imbricatum	0
Aurinia saxatilis	- 0
Aurinia saxatilis	0
Aurinia saxatilis subsp. arduini	0
Aurinia saxatilis subsp. megalocarpa	0
Aurinia saxatilis subsp. orientalis	0
Aurinia saxatilis subsp. saxatilis	0
Avena barbata	- 0
Avena barbata	0
Avena barbata subsp. barbata	0
Avena barbata subsp. lusitanica	0
Avena fatua	- 0
Avena fatua	0
Avena fatua subsp. fatua	0
Avena fatua var. fatua	0
Avena sativa	- 0
Avena sativa	0
Avena sativa subsp. macrantha	0
Avena sativa subsp. sativa	0

<i>Avena sterilis</i>	-	0
<i>Avena sterilis</i>		0
<i>Avena sterilis</i> subsp. <i>atherantha</i>		0
<i>Avena sterilis</i> subsp. <i>ludoviciana</i>		0
<i>Avena sterilis</i> subsp. <i>sterilis</i>		0
<i>Avenella flexuosa</i>	-	0
<i>Avenella flexuosa</i>		0
<i>Lerchenfeldia flexuosa</i>		0
<i>Lerchenfeldia flexuosa</i> subsp. <i>flexuosa</i>		0
<i>Lerchenfeldia flexuosa</i> subsp. <i>montana</i>		0
<i>Avenula pubescens</i>	-	0
<i>Avenula pubescens</i>		0
<i>Avenula pubescens</i> subsp. <i>laevigata</i>		0
<i>Avenula pubescens</i> subsp. <i>pubescens</i>		0
<i>Bacidia umbrina</i>	-	0
<i>Bacidia umbrina</i>		0
<i>Bacidia umbrina</i> var. <i>turgida</i>		0
<i>Baldellia ranunculoides</i>	-	0
<i>Baldellia ranunculoides</i>		0
<i>Baldellia ranunculoides</i> subsp. <i>repens</i>		0
<i>Ballota nigra</i>	-	0
<i>Ballota nigra</i>		0
<i>Ballota nigra</i> subsp. <i>nigra</i>		0
<i>Ballota nigra</i> subsp. <i>ruderalis</i>		0
<i>Barbarea auriculata</i>	-	0
<i>Barbarea auriculata</i> var. <i>auriculata</i>		0
<i>Barbarea auriculata</i> var. <i>paludosa</i>		0
<i>Barbarea minor</i>	-	0
<i>Barbarea minor</i> var. <i>anfractuosa</i>		0
<i>Barbarea minor</i> var. <i>eriopoda</i>		0
<i>Barbarea minor</i> var. <i>minor</i>		0
<i>Barbarea minor</i> var. <i>robusta</i>		0
<i>Barbarea vulgaris</i>	-	0
<i>Barbarea vulgaris</i>		0
<i>Barbarea vulgaris</i> subsp. <i>arcuata</i>		0
<i>Barbarea vulgaris</i> subsp. <i>vulgaris</i>		0
<i>Barbula acuta</i>	-	0

Barbula acuta	0
Barbula acuta var. icmadophila	0
Barbula convoluta	- 0
Barbula convoluta	0
Barbula convoluta var. convoluta	0
Barbula convoluta var. sardoa	0
Barbula vinealis	- 0
Barbula vinealis	0
Barbula vinealis subsp. cylindrica	0
Bartramia pomiformis	- 0
Bartramia pomiformis	0
Bartramia pomiformis var. pomiformis	0
Bassia scoparia	- 0
Bassia scoparia	0
Bassia scoparia subsp. scoparia	0
Bazzania trilobata	- 0
Bazzania trilobata	0
Bazzania trilobata var. trilobata	0
Beckmannia eruciformis	- 0
Beckmannia eruciformis	0
Beckmannia eruciformis subsp. eruciformis	0
Bellardiochloa variegata	- 0
Bellardiochloa variegata	0
Bellardiochloa variegata subsp. aetnensis	0
Bellevalia dubia	- 0
Bellevalia dubia	0
Bellevalia dubia subsp. hackelii	0
Bellis annua	- 0
Bellis annua	0
Bellis annua subsp. annua	0
Bellis perennis	- 0
Bellis perennis	0
Bellis perennis var. exigua	0
Berberis vulgaris	- 0
Berberis vulgaris	0
Berberis vulgaris subsp. cantabrica	0



Berberis vulgaris subsp. vulgaris	0
Berberis hispanica	0
Berberis garciae	0
Berteroa incana	- 0
Berteroa incana	0
Berteroa incana subsp. stricta	0
Berteroa obliqua	- 0
Berteroa obliqua	0
Berteroa obliqua subsp. obliqua	0
Beta macrocarpa	- 0
Beta vulgaris subsp. macrocarpa	0
Beta vulgaris subsp. maritima	- 0
Beta maritima var. grisea	0
Beta maritima var. maritima	0
Beta maritima var. pilosa	0
Beta vulgaris subsp. maritima	0
Beta vulgaris subsp. vulgaris	- 0
Beta vulgaris	0
Beta vulgaris subsp. vulgaris	0
Beta vulgaris var. crassa	0
Beta vulgaris var. esculenta	0
Betula pendula	- 0
Betula pendula	0
Betula pendula subsp. pendula	0
Betula pendula var. oycowiensis	0
Betula pendula var. pendula	0
Betula aetnensis	0
Betula etnensis	0
Betula pubescens	- 0
Betula pubescens	0
Betula pubescens var. pubescens	0
Betula pubescens aggr.	0
Betula pubescens var. pumila	- 0
Betula czerepanovii	0
Betula pubescens var. pumila	0
Betula pubescens subsp. czerepanovii	0
Biarum tenuifolium	- 0
Biarum tenuifolium	0

Biarum tenuifolium subsp. arundanum	0
Biarum tenuifolium subsp. idomenaeum	0
Biarum tenuifolium subsp. tenuifolium	0
Bidens tripartitus	- 0
Bidens tripartitus	0
Bidens tripartitus subsp. tripartitus	0
Biscutella auriculata	- 0
Biscutella auriculata	0
Biscutella auriculata var. erigerifolia	0
Biscutella laevigata	- 0
Biscutella laevigata	0
Biscutella laevigata f. hispidissima	0
Biscutella laevigata subsp. austriaca	0
Biscutella laevigata subsp. kernerii	0
Biscutella laevigata subsp. laevigata	0
Biscutella laevigata subsp. varia	0
Biscutella laevigata subsp. variegata	0
Biscutella laevigata var. vulgaris f. hispidissima	0
Biscutella valentina	- 0
Biscutella valentina	0
Biscutella valentina subsp. pyrenaica	0
Biscutella valentina var. laevigata	0
Blackstonia perfoliata	- 0
Blackstonia perfoliata	0
Blackstonia perfoliata subsp. grandiflora	0
Blackstonia perfoliata subsp. imperfoliata	0
Blackstonia perfoliata subsp. intermedia	0
Blackstonia perfoliata subsp. perfoliata	0
Blackstonia perfoliata subsp. serotina	0
Blackstonia perfoliata s.l.	0
Blepharostoma trichophyllum	- 0
Blepharostoma trichophyllum	0
Blepharostoma trichophyllum subsp. brevirete	0
Blepharostoma trichophyllum subsp. trichophyllum	0
Bolanthus frankenioides	- 0
Bolanthus frankenioides var. fasciculatus	0
Bolanthus frankenioides var. frankenioides	0
Bolboschoenus maritimus	- 0
Bolboschoenus maritimus	0

Bolboschoenus maritimus subsp. maritimus	0
Bolboschoenus maritimus var. compactus	0
Scirpus maritimus subsp. maritimus	0
Bornmuellera baldaccii	- 0
Bornmuellera baldaccii	0
Bornmuellera baldaccii subsp. rechingeri	0
Botrychium virginianum	- 0
Botrychium virginianum	0
Botrychium virginianum subsp. europaeum	0
Brachypodium pinnatum	- 0
Brachypodium pinnatum	0
Brachypodium pinnatum subsp. pinnatum	0
Brachypodium sylvaticum	- 0
Brachypodium sylvaticum	0
Brachypodium sylvaticum subsp. creticum	0
Brachypodium sylvaticum subsp. sylvaticum	0
Brachypodium sylvaticum var. dumosum	0
Brachypodium glaucovirens	0
Brachytheciasastrum velutinum	- 0
Brachytheciasastrum velutinum	0
Brachytheciasastrum velutinum var. velutinum	0
Brachythecium mildeanum	- 0
Brachythecium mildeanum	0
Brachythecium mildeanum var. mildeanum	0
Brachythecium populeum	- 0
Brachythecium populeum	0
Brachythecium populeum var. populeum	0
Brachythecium rivulare	- 0
Brachythecium rivulare	0
Brachythecium rivulare f. cataractarum	0
Brachythecium starkei	- 0
Brachythecium starkei	0
Brachythecium starkei var. explanatum	0
Brachythecium starkei var. starkei	0
Brassica cretica	- 0
Brassica cretica	0
Brassica cretica subsp. aegaea	0

Brassica cretica subsp. cretica	0
Brassica elongata	- 0
Brassica elongata	0
Brassica elongata subsp. elongata	0
Brassica elongata subsp. integrifolia	0
Brassica fruticulosa	- 0
Brassica fruticulosa	0
Brassica fruticulosa subsp. cossoniana	0
Brassica fruticulosa subsp. fruticulosa	0
Brassica napus	- 0
Brassica napus	0
Brassica napus subsp. napus	0
Brassica napus subsp. rapifera	0
Brassica napus var. napobrassica	0
Brassica napus var. oleifera	0
Brassica oleracea	- 0
Brassica oleracea	0
Brassica oleracea subsp. oleracea	0
Brassica oleracea var. capitata	0
Brassica oleracea var. laciniata	0
Brassica rapa	- 0
Brassica rapa	0
Brassica rapa subsp. campestris	0
Brassica rapa subsp. oleifera	0
Brassica rapa subsp. rapa	0
Brassica rapa subsp. chinensis	0
Brassica rapa subsp. pekinensis	0
Brassica repanda	- 0
Brassica repanda	0
Brassica repanda subsp. blancoana	0
Brassica repanda subsp. cantabrica	0
Brassica repanda subsp. confusa	0
Brassica repanda subsp. nudicaulis	0
Brassica repanda subsp. repanda	0
Brassica repanda subsp. saxatilis	0
Brassica repanda subsp. turbonis	0
Brassica rupestris	- 0
Brassica rupestris	0
Brassica rupestris subsp. rupestris	0

Briza media	-	0
Briza media		0
Briza media subsp. elatior		0
Briza media subsp. media		0
Bromopsis cappadocica	-	0
Bromopsis cappadocica		0
Bromopsis cappadocica subsp. lacmonica		0
Bromus cappadocicus subsp. cappadocicus		0
Bromopsis condensata	-	0
Bromopsis condensata		0
Bromopsis condensata subsp. microtricha		0
Bromopsis erecta	-	0
Bromopsis erecta		0
Bromopsis erecta aggr.		0
Bromus erectus aggr.		0
Bromopsis erecta subsp. erecta		0
Bromopsis erecta subsp. transsilvanica		0
Bromus erectus subsp. erectus		0
Bromopsis pannonica	-	0
Bromopsis pannonica		0
Bromopsis pannonica subsp. monoclada		0
Bromus pannonicus		0
Bromopsis ramosa aggr.	-	0
Bromopsis ramosa		0
Bromus ramosus aggr.		0
Bromus benekenii et ramosus		0
Bromopsis benekenii		0
Bromopsis riparia	-	0
Bromopsis riparia		0
Bromopsis riparia subsp. barcensis		0
Bromopsis riparia subsp. fibrosa		0
Bromus riparius f. dobrogensis		0
Bromus alopecuros	-	0
Bromus alopecuros		0
Bromus alopecuros subsp. alopecuros		0
Bromus alopecuros subsp. caroli-henrici		0
Bromus arvensis	-	0
Bromus arvensis		0
Bromus arvensis subsp. arvensis		0

Bromus commutatus	-	0
Bromus commutatus		0
Bromus commutatus subsp. commutatus		0
Bromus commutatus subsp. decipiens		0
Bromus grossus	-	0
Bromus grossus		0
Bromus grossus var. grossus		0
Bromus hordeaceus	-	0
Bromus hordeaceus		0
Bromus hordeaceus subsp. divaricatus		0
Bromus hordeaceus subsp. hordeaceus		0
Bromus hordeaceus subsp. mediterraneus		0
Bromus hordeaceus subsp. molliformis		0
Bromus hordeaceus subsp. pseudothominei		0
Bromus hordeaceus subsp. thominii		0
Bromus japonicus	-	0
Bromus japonicus		0
Bromus japonicus subsp. anatolicus		0
Bromus japonicus subsp. japonicus		0
Bromus madritensis	-	0
Bromus madritensis subsp. haussknechtii		0
Bromus madritensis subsp. madritensis		0
Bromus pannonicus	-	0
Bromus pannonicus subsp. pannonicus		0
Bromus pannonicus var. glabratus		0
Bromus racemosus	-	0
Bromus racemosus		0
Bromus racemosus aggr.		0
Bromus secalinus	-	0
Bromus secalinus		0
Bromus secalinus subsp. secalinus		0
Bromus secalinus var. pubescens		0
Bromus secalinus var. secalinus		0
Bromus secalinus var. submuticus		0
Bromus squarrosus	-	0
Bromus squarrosus		0
Bromus squarrosus f. puberulus		0
Bromus squarrosus subsp. danubialis		0

Bromus squarrosus var. villosus	0
Bromus tectorum	- 0
Bromus tectorum f. longipilus	0
Bromus tectorum subsp. tectorum	0
Bryonia dioica	- 0
Bryonia dioica	0
Bryonia dioica var. corsica	0
Bryum algovicum	- 0
Bryum algovicum	0
Bryum algovicum var. compactum	0
Bryum algovicum var. rutheanum	0
Bryum argenteum	- 0
Bryum argenteum	0
Bryum argenteum var. lanatum	0
Bryum caespiticium	- 0
Bryum caespiticium	0
Bryum caespiticium subsp. kunzei	0
Bryum caespiticium var. caespiticium	0
Bryum capillare	- 0
Bryum capillare	0
Bryum capillare var. capillare	0
Bryum capillare var. rufifolium	0
Bryum knowltonii	- 0
Bryum knowltonii	0
Bryum knowltonii var. ammophilum	0
Bryum pseudotriquetrum	- 0
Bryum pseudotriquetrum	0
Bryum pseudotriquetrum subsp. bimum	0
Bryum pseudotriquetrum var. bimum	0
Bryum pseudotriquetrum var. duvalioides	0
Bryum pseudotriquetrum var. pseudotriquetrum	0
Bufonia perennis	- 0
Bufonia perennis	0
Bufonia perennis subsp. tuberculata	0
Bufonia stricta	- 0
Bufonia stricta	0
Bufonia stricta subsp. stricta	0

Buglossoides arvensis	-	0
Buglossoides arvensis		0
Buglossoides arvensis subsp. arvensis		0
Buglossoides arvensis subsp. permixta		0
Buglossoides arvensis subsp. sibthorpiana		0
Buglossoides incrassata	-	0
Buglossoides incrassata		0
Buglossoides incrassata subsp. incrassata		0
Bunium alpinum	-	0
Bunium alpinum		0
Bunium alpinum subsp. corydalinum		0
Bunium alpinum subsp. montanum		0
Bunium alpinum subsp. petraeum		0
Bunium microcarpum	-	0
Bunium microcarpum		0
Bunium microcarpum subsp. bourgaei		0
Bunium microcarpum subsp. microcarpum		0
Bunium paucifolium	-	0
Bunium paucifolium var. junceum		0
Bunium paucifolium var. paucifolium		0
Buphthalmum salicifolium	-	0
Buphthalmum salicifolium		0
Buphthalmum salicifolium subsp. salicifolium		0
Bupleurum baldense	-	0
Bupleurum baldense		0
Bupleurum baldense subsp. baldense		0
Bupleurum gussonei		0
Bupleurum commutatum	-	0
Bupleurum commutatum		0
Bupleurum commutatum subsp. commutatum		0
Bupleurum commutatum subsp. glaucocarpus		0
Bupleurum falcatum	-	0
Bupleurum falcatum		0
Bupleurum falcatum subsp. cernuum		0
Bupleurum falcatum subsp. corsicum		0
Bupleurum falcatum subsp. dilatatum		0
Bupleurum falcatum subsp. falcatum		0
Bupleurum falcatum subsp. polyphyllum		0



Bupleurum fruticoscens	-	0
Bupleurum fruticoscens		0
Bupleurum fruticoscens subsp. spinosum		0
Bupleurum fruticoscens subsp. fruticoscens		0
Bupleurum longifolium	-	0
Bupleurum longifolium		0
Bupleurum longifolium subsp. longifolium		0
Bupleurum ranunculoides	-	0
Bupleurum ranunculoides		0
Bupleurum ranunculoides subsp. caricinum		0
Bupleurum ranunculoides subsp. ranunculoides		0
Bupleurum ranunculoides subsp. telonense		0
Bupleurum rigidum	-	0
Bupleurum rigidum		0
Bupleurum rigidum subsp. paniculatum		0
Bupleurum rigidum subsp. rigidum		0
Bupleurum salicifolium	-	0
Bupleurum salicifolium		0
Bupleurum salicifolium subsp. acyphyllum		0
Bupleurum tenuissimum	-	0
Bupleurum tenuissimum		0
Bupleurum tenuissimum subsp. tenuissimum		0
Butomus umbellatus	-	0
Butomus umbellatus		0
Butomus umbellatus f. submersa		0
Bystropogon canariensis	-	0
Bystropogon canariensis		0
Bystropogon canariensis subsp. smithianus		0
Cakile maritima	-	0
Cakile maritima		0
Cakile maritima subsp. baltica		0
Cakile maritima subsp. euxina		0
Cakile maritima subsp. islandica		0
Cakile maritima subsp. maritima		0
Cakile maritima var. susica		0
Calamagrostis canescens	-	0
Calamagrostis canescens		0

Calamagrostis canescens subsp. canescens	0
Calamagrostis canescens subsp. vilnensis	0
Calamagrostis epigejos	- 0
Calamagrostis epigejos	0
Calamagrostis epigejos subsp. epigejos	0
Calamagrostis neglecta	- 0
Calamagrostis neglecta	0
Calamagrostis neglecta subsp. groenlandica	0
Calamagrostis purpurea	- 0
Calamagrostis purpurea	0
Calamagrostis purpurea subsp. langsdorfii	0
Calamagrostis purpurea subsp. phragmitoides	0
Calamagrostis varia	- 0
Calamagrostis varia	0
Calamagrostis varia subsp. corsica	0
Calamagrostis varia subsp. varia	0
Calendula arvensis	- 0
Calendula arvensis	0
Calendula arvensis subsp. arvensis	0
Calendula suffruticosa	- 0
Calendula suffruticosa	0
Calendula suffruticosa subsp. algarbiensis	0
Calendula suffruticosa subsp. fulgida	0
Calendula suffruticosa subsp. lusitanica	0
Calendula suffruticosa subsp. maritima	0
Calendula suffruticosa subsp. suffruticosa	0
Callitriche cophocarpa	- 0
Callitriche cophocarpa	0
Callitriche cophocarpa f. submersa	0
Callitriche truncata	- 0
Callitriche truncata	0
Callitriche truncata subsp. occidentalis	0
Caloplaca biatorina	- 0
Caloplaca biatorina	0
Caloplaca biatorina var. biatorina	0
Caloplaca cerina	- 0
Caloplaca cerina	0

Caloplaca cerina var. cerina	0
Caloplaca cerina var. chloroleuca	0
Caloplaca cerina var. ehrasti	0
Caloplaca cerina var. muscorum	0
Caloplaca pyracea	- 0
Caloplaca pyracea	0
Caloplaca pyracea var. pyrrhroma	0
Caltha palustris	- 0
Caltha palustris	0
Caltha palustris subsp. araneosa	0
Caltha palustris subsp. cornuta	0
Caltha palustris var. latifolia	0
Caltha palustris subsp. palustris	0
Calystegia sepium	- 0
Calystegia sepium	0
Calystegia sepium subsp. roseata	0
Calystegia sepium subsp. sepium	0
Calystegia sepium subsp. sepium var. sepium	0
Calystegia sepium var. rosea	0
Calystegia sepium aggr.	0
Calystegia sepium et silvatica	0
Calystegia sepium subsp. spectabilis	0
Camelina hispida	- 0
Camelina hispida var. grandiflora	0
Camelina hispida var. hispida	0
Camelina microcarpa	- 0
Camelina microcarpa	0
Camelina microcarpa subsp. pilosa	0
Camelina sativa	- 0
Camelina sativa	0
Camelina sativa var. zingeri	0
Campanula alpina	- 0
Campanula alpina	0
Campanula alpina var. hirsuta	0
Campanula arvatica	- 0
Campanula arvatica	0
Campanula arvatica subsp. adsurgens	0
Campanula arvatica subsp. arvatica	0

Campanula bellidifolia	-	0
Campanula bellidifolia		0
Campanula bellidifolia subsp. saxifraga		0
Campanula carnica	-	0
Campanula carnica		0
Campanula carnica subsp. carnica		0
Campanula garganica	-	0
Campanula garganica		0
Campanula garganica subsp. garganica		0
Campanula glomerata	-	0
Campanula glomerata		0
Campanula glomerata var. eliptica		0
Campanula lingulata	-	0
Campanula lingulata		0
Campanula lingulata var. cichoriaceae		0
Campanula lusitanica	-	0
Campanula lusitanica		0
Campanula lusitanica subsp. lusitanica		0
Campanula lyrata	-	0
Campanula lyrata		0
Campanula lyrata subsp. lyrata		0
Campanula patula	-	0
Campanula patula		0
Campanula patula f. jahorinae		0
Campanula patula subsp. epigea		0
Campanula patula subsp. patula		0
Campanula patula et sparsa		0
Campanula abietina		0
Campanula persicifolia	-	0
Campanula persicifolia		0
Campanula persicifolia subsp. sessilifl		0
Campanula rapunculoides	-	0
Campanula rapunculoides		0
Campanula rapunculoides subsp. cordifolia		0
Campanula rapunculoides subsp. rapunculoides		0
Campanula rapunculus	-	0
Campanula rapunculus		0

Campanula rapunculus var. lambertiana	0
Campanula rapunculus var. rapunculus	0
Campanula rotundifolia	- 0
Campanula rotundifolia	0
Campanula rotundifolia subsp. hispanica	0
Campanula rotundifolia subsp. legionensis	0
Campanula rotundifolia subsp. pinifolia	0
Campanula rotundifolia subsp. rotundifolia	0
Campanula rotundifolia var. stricta	0
Campanula rotundifolia aggr.	0
Campanula saxatilis	- 0
Campanula saxatilis	0
Campanula saxatilis subsp. saxatilis	0
Campanula scheuchzeri	- 0
Campanula scheuchzeri	0
Campanula scheuchzeri subsp. scheuchzeri	0
Campanula sibirica	- 0
Campanula sibirica	0
Campanula sibirica subsp. hohenackeri	0
Campanula sibirica subsp. sibirica	0
Campanula sparsa	- 0
Campanula sparsa	0
Campanula sparsa subsp. sparsa	0
Campanula sparsa subsp. sphaerotrix	0
Campanula spatulata	- 0
Campanula spatulata	0
Campanula spatulata subsp. filicaulis	0
Campanula spatulata subsp. spatulata	0
Campanula spatulata subsp. sprunerana	0
Campanula spatulata subsp. spruneriana	0
Campanula thyrsoides	- 0
Campanula thyrsoides	0
Campanula thyrsoides subsp. thyrsoides	0
Campanula trachelium	- 0
Campanula trachelium	0
Campanula trachelium subsp. trachelium	0
Camphorosma monspeliaca	- 0
Camphorosma monspeliaca	0

Camphorosma monspeliaca subsp. lessingii	0
Camphorosma monspeliaca subsp. monspeliaca	0
Campylium hispidulum	- 0
Campylium hispidulum	0
Campylium hispidulum var. sommerfeltii	0
Campylium stellatum	- 0
Campylium stellatum	0
Campylium stellatum subsp. stellatum	0
Campylium stellatum var. stellatum	0
Campylopus atrovirens	- 0
Campylopus atrovirens	0
Campylopus atrovirens subsp. sulcatus	0
Campylopus atrovirens var. atrovirens	0
Campylopus pyriformis	- 0
Campylopus pyriformis	0
Campylopus pyriformis var. pyriformis	0
Cannabis sativa	- 0
Cannabis sativa	0
Cannabis sativa subsp. ruderalis	0
Cannabis sativa subsp. spontanea	0
Capparis ovata	- 0
Capparis ovata	0
Capparis ovata var. canescens	0
Capparis ovata var. herbacea	0
Capparis ovata var. palaestina	0
Capparis sicula	- 0
Capparis sicula	0
Capparis sicula subsp. herbacea	0
Capparis spinosa	- 0
Capparis spinosa	0
Capparis spinosa subsp. spinosa	0
Capparis spinosa var. inermis	0
Capparis spinosa var. spinosa	0
Capsella bursa-pastoris	- 0
Capsella bursa-pastoris	0
Capsella bursa-pastoris subsp. bursa-pastoris	0
Capsella bursa-pastoris var. integrifolia	0

Cardamine amara	-	0
Cardamine amara		0
Cardamine amara subsp. amara		0
Cardamine amara subsp. balcanica		0
Cardamine amara subsp. opicii		0
Cardamine amara subsp. opizii		0
Cardamine bulbifera	-	0
Cardamine bulbifera		0
Cardamine bulbifera f. pilosa		0
Cardamine bulbifera f. bulbifera		0
Cardamine bulbifera f. bulbifera		0
Cardamine glauca	-	0
Cardamine glauca		0
Cardamine glauca subsp. glauca		0
Cardamine glauca var. scutariensis		0
Cardamine graeca	-	0
Cardamine graeca		0
Cardamine graeca var. eriocarpa		0
Cardamine impatiens	-	0
Cardamine impatiens		0
Cardamine impatiens var. impatiens		0
Cardamine impatiens var. pectinata		0
Cardamine pectinata		0
Cardamine pratensis	-	0
Cardamine pratensis		0
Cardamine pratensis s.l.		0
Cardamine pratensis var. dentata		0
Cardamine pratensis var. rivularis		0
Cardamine raphanifolia	-	0
Cardamine raphanifolia		0
Cardamine raphanifolia subsp. barbareaoides		0
Cardamine raphanifolia subsp. raphanifoli		0
Cardamine raphanifolia subsp. raphanifolia		0
Carduus acanthoides	-	0
Carduus acanthoides		0
Carduus acanthoides subsp. acanthoides		0
Carduus affinis	-	0
Carduus affinis		0
Carduus affinis subsp. affinis		0

Carduus argemone	-	0
Carduus argemone subsp. argemone		0
Carduus assoi	-	0
Carduus assoi subsp. assoi		0
Carduus assoi subsp. hispanicus		0
Carduus australis	-	0
Carduus australis		0
Carduus australis subsp. marmoratus		0
Carduus bourgeanus	-	0
Carduus bourgeanus		0
Carduus bourgeanus subsp. bourgeanus		0
Carduus candicans	-	0
Carduus candicans		0
Carduus candicans subsp. candicans		0
Carduus candicans subsp. eucandicans		0
Carduus candicans subsp. globifer		0
Carduus carduelis	-	0
Carduus carduelis		0
Carduus carduelis var. alpestris		0
Carduus carlinoides	-	0
Carduus carlinoides		0
Carduus carlinoides subsp. carlinoides		0
Carduus carlinoides subsp. hispanicus		0
Carduus collinus	-	0
Carduus collinus		0
Carduus collinus subsp. collinus		0
Carduus collinus subsp. cylindricus		0
Carduus crispus	-	0
Carduus crispus		0
Carduus crispus subsp. crispus		0
Carduus crispus subsp. multiflorus		0
Carduus defloratus aggr.	-	0
Carduus defloratus		0
Carduus defloratus subsp. argemone		0
Carduus defloratus subsp. carlinifolius		0
Carduus defloratus subsp. defloratus		0
Carduus defloratus subsp. glaucus		0



Carduus defloratus aggr.	0
Carduus malyi	0
Carduus carlinifolius subsp. carlinifolius	0
Carduus hamulosus	- 0
Carduus hamulosus	0
Carduus hamulosus subsp. hamulosus	0
Carduus chrysacanthus	- 0
Carduus chrysacanthus	0
Carduus chrysacanthus subsp. chrysacanthus	0
Carduus kernerii	- 0
Carduus kernerii	0
Carduus kernerii subsp. kernerii	0
Carduus kernerii subsp. scardica	0
Carduus kernerii subsp. scardicus	0
Carduus macrocephalus	- 0
Carduus macrocephalus subsp. inconstriktu	0
Carduus macrocephalus subsp. macrocephalus	0
Carduus macrocephalus subsp. siculus	0
Carduus nigrescens	- 0
Carduus nigrescens	0
Carduus nigrescens subsp. assoi	0
Carduus nigrescens subsp. hispanicus	0
Carduus nigrescens subsp. nigrescens	0
Carduus nigrescens subsp. vivariensis	0
Carduus nutans	- 0
Carduus nutans	0
Carduus nutans subsp. granatensis	0
Carduus nutans subsp. leiophyllus	0
Carduus nutans subsp. micropterus	0
Carduus nutans subsp. nutans	0
Carduus nutans subsp. perspinosus	0
Carduus nutans subsp. platylepis	0
Carduus nutans subsp. platypus	0
Carduus nutans subsp. scabrisquamus	0
Carduus nutans subsp. taygeteus	0
Carduus personata	- 0
Carduus personata	0
Carduus personata subsp. albidus	0
Carduus personata subsp. personata	0

Carduus platypus	-	0
Carduus platypus subsp. granatensis		0
Carduus platypus subsp. platypus		0
Carduus pycnocephalus	-	0
Carduus pycnocephalus		0
Carduus pycnocephalus subsp. albidus		0
Carduus pycnocephalus subsp. cinereus		0
Carduus pycnocephalus subsp. marmoratus		0
Carduus pycnocephalus subsp. pycnocephalus		0
Carduus tmoleus	-	0
Carduus tmoleus		0
Carduus tmoleus subsp. tmoleus		0
Carex aquatilis	-	0
Carex aquatilis		0
Carex aquatilis subsp. stans		0
Carex atrata	-	0
Carex atrata		0
Carex atrata subsp. aterrима		0
Carex bigelowii	-	0
Carex bigelowii		0
Carex bigelowii subsp. dacica		0
Carex bigelowii subsp. ensifolia		0
Carex buxbaumii	-	0
Carex buxbaumii aggr.		0
Carex buxbaumii		0
Carex caryophyllea	-	0
Carex caryophyllea		0
Carex caryophyllea subsp. insularis		0
Carex caudata	-	0
Carex ferruginea subsp. caudata		0
Carex caudata		0
Carex curvula	-	0
Carex curvula		0
Carex curvula subsp. rosae		0
Carex demissa	-	0
Carex demissa		0
Carex demissa subsp. cedercreutzii		0

Carex depressa	-	0
Carex depressa		0
Carex depressa subsp. basilaris		0
Carex depressa subsp. transsilvanica		0
Carex digitata	-	0
Carex digitata		0
Carex digitata subsp. digitata var. pallens		0
Carex digitata subsp. piroskana		0
Carex divulsa	-	0
Carex divulsa		0
Carex divulsa subsp. coriogyne		0
Carex divulsa subsp. divulsa		0
Carex divulsa subsp. leersi		0
Carex divulsa subsp. leersii		0
Carex elata	-	0
Carex elata		0
Carex elata subsp. mauritanica		0
Carex elata subsp. omskiana		0
Carex ericetorum	-	0
Carex ericetorum		0
Carex ericetorum var. immarginata		0
Carex flacca	-	0
Carex flacca		0
Carex flacca subsp. praetutiana		0
Carex flacca subsp. serrulata		0
Carex flava	-	0
Carex flava		0
Carex flava subsp. alpina		0
Carex flava var. alpina		0
Carex flava aggr.		0
Carex fuliginosa	-	0
Carex fuliginosa		0
Carex fuliginosa subsp. misandra		0
Carex hostiana	-	0
Carex hostiana		0
Carex hostiana x oederi subsp. oederi		0
Carex lepidocarpa	-	0

Carex lepidocarpa	0
Carex lepidocarpa subsp. jemtlandica	0
Carex leporina	- 0
Carex leporina	0
Carex ovalis f. capitata	0
Carex liparocarpos	- 0
Carex liparocarpos	0
Carex liparocarpos subsp. liparocarpos	0
Carex magellanica	- 0
Carex magellanica	0
Carex magellanica subsp. irrigua	0
Carex muricata	- 0
Carex muricata	0
Carex muricata aggr.	0
Carex muricata subsp. muricata	0
Carex nigra	- 0
Carex nigra	0
Carex nigra subsp. nigra	0
Carex nigra var. macedonica	0
Carex nigra var. scardicum	0
Carex nigra aggr.	0
Carex norvegica	- 0
Carex norvegica	0
Carex norvegica subsp. inferalpina	0
Carex paniculata	- 0
Carex paniculata	0
Carex paniculata subsp. calderae	0
Carex paniculata subsp. lusitanica	0
Carex parallela	- 0
Carex parallela	0
Carex parallela subsp. redowskiana	0
Carex pediformis	- 0
Carex pediformis	0
Carex pediformis subsp. macrourea	0
Carex pediformis subsp. rhizodes	0
Carex pilulifera	- 0
Carex pilulifera	0

Carex pilulifera subsp. azorica	0
Carex remota	- 0
Carex remota	0
Carex remota subsp. remota	0
Carex reuteriana	- 0
Carex reuteriana	0
Carex reuteriana subsp. mauritanica	0
Carex reuteriana subsp. tartessiana	0
Carex riparia	- 0
Carex riparia	0
Carex riparia var. gracilescens	0
Carex sempervirens	- 0
Carex sempervirens	0
Carex sempervirens subsp. pseudotristis	0
Carex sylvatica	- 0
Carex sylvatica	0
Carex sylvatica subsp. pau	0
Carex vaginata	- 0
Carex vaginata	0
Carex vaginata subsp. quasivaginata	0
Carex viridula	- 0
Carex viridula	0
Carex viridula subsp. cedercreutzii	0
Carex vulpina	- 0
Carex vulpina	0
Carex vulpina f. tenuior	0
Carex vulpina subsp. cuprina	0
Carex vulpina aggr.	0
Carlina acanthifolia	- 0
Carlina acanthifolia	0
Carlina acanthifolia subsp. acanthifolia	0
Carlina acanthifolia subsp. cynara	0
Carlina acanthifolia subsp. utzka	0
Carlina acaulis	- 0
Carlina acaulis	0
Carlina acaulis subsp. acaulis	0
Carlina acaulis subsp. alpina	0

Carlina acaulis subsp. caulescens	0
Carlina acaulis var. caulescens	0
Carlina biebersteinii	- 0
Carlina biebersteinii	0
Carlina biebersteinii subsp. brevibracteata	0
Carlina corymbosa	- 0
Carlina corymbosa	0
Carlina corymbosa subsp. corymbosa	0
Carlina corymbosa subsp. hispanica	0
Carlina curetum	0
Carlina hispanica	0
Carlina hispanica subsp. globosa	0
Carlina hispanica subsp. major	0
Carlina macrocephala	- 0
Carlina macrocephala	0
Carlina macrocephala subsp. macrocephala	0
Carlina macrocephala subsp. nebrodensis	0
Carlina nebrodensis	- 0
Carlina macrocephala subsp. nebrodensis	0
Carlina salicifolia	- 0
Carlina salicifolia	0
Carlina salicifolia subsp. lapcerottensis	0
Carlina vulgaris	- 0
Carlina vulgaris	0
Carlina vulgaris subsp. vulgaris	0
Carpinus orientalis	- 0
Carpinus orientalis	0
Carpinus orientalis subsp. orientalis	0
Carthamus dentatus	- 0
Carthamus dentatus	0
Carthamus dentatus subsp. ruber	0
Carthamus lanatus	- 0
Carthamus lanatus	0
Carthamus lanatus subsp. lanatus	0
Carum appuanum	- 0
Carum appuanum	0
Carum appuanum subsp. bulgaricum	0

Carum appuanum subsp. palmatum	0
Carum rigidulum subsp. bulgaricum	0
Carum carvi	- 0
Carum carvi	0
Carum carvi subsp. carvi	0
Carum graecum	- 0
Carum graecum	0
Carum graecum subsp. graecum	0
Catananche lutea	- 0
Catananche lutea	0
Catananche lutea subsp. lutea	0
Catapodium rigidum	- 0
Catapodium rigidum	0
Catapodium rigidum subsp. hemipoa	0
Catapodium rigidum subsp. rigidum	0
Catapodium rigidum subsp. spicatum	0
Caucalis platycarpos	- 0
Caucalis platycarpos	0
Caucalis platycarpos subsp. platycarpos	0
Celtis australis	- 0
Celtis australis	0
Celtis australis subsp. australis	0
Celtis tournefortii	- 0
Celtis tournefortii	0
Celtis tournefortii subsp. asperrima	0
Centaurea affinis	- 0
Centaurea affinis	0
Centaurea affinis subsp. affinis	0
Centaurea affinis subsp. balcanica	0
Centaurea affinis subsp. laconiae	0
Centaurea affinis subsp. pallidior	0
Centaurea affinis subsp. peloponnesiaca	0
Centaurea alba aggr.	- 0
Centaurea alba	0
Centaurea alba subsp. alba	0
Centaurea alba subsp. costae	0
Centaurea alba subsp. latronum	0
Centaurea alba subsp. macrocephala	0

Centaurea alba subsp. splendens	0
Centaurea alba subsp. tartesiana	0
Centaurea alba subsp. tenoreana	0
Centaurea brunnea	0
Centaurea deusta	0
Centaurea subciliaris	0
Centaurea tenoreana	0
Centaurea formanekii	0
Centaurea ambigua	- 0
Centaurea ambigua	0
Centaurea ambigua subsp. ambigua	0
Centaurea antennata	- 0
Centaurea antennata	0
Centaurea antennata subsp. antennata	0
Centaurea antennata subsp. meridionalis	0
Centaurea aplolepa	- 0
Centaurea aplolepa	0
Centaurea aplolepa subsp. aeolica	0
Centaurea aplolepa subsp. aetaliae	0
Centaurea aplolepa subsp. carueliana	0
Centaurea aplolepa subsp. ligustica	0
Centaurea aplolepa subsp. lunensis	0
Centaurea aplolepa subsp. subciliata	0
Centaurea aetaliae	0
Centaurea aplolepa subsp. parvula	0
Centaurea arenaria aggr.	- 0
Centaurea arenaria	0
Centaurea arenaria subsp. tauscheri	0
Centaurea borysthenica	0
Centaurea majorovii	0
Centaurea argentea	- 0
Centaurea argentea	0
Centaurea argentea subsp. argentea	0
Centaurea argentea subsp. chionantha	0
Centaurea argentea subsp. macrothysana	0
Centaurea aspera	- 0
Centaurea aspera	0
Centaurea aspera subsp. aspera	0
Centaurea aspera subsp. stenophylla	0
Centaurea biebersteinii	- 0



Centaurea biebersteinii	0
Centaurea biebersteinii subsp. biebersteinii	0
Centaurea boissieri	- 0
Centaurea boissieri	0
Centaurea boissieri subsp. boissieri	0
Centaurea boissieri subsp. mariolensis	0
Centaurea boissieri subsp. prostrata	0
Centaurea boissieri subsp. willkommii	0
Centaurea cariensis	- 0
Centaurea cariensis subsp. maculiceps	0
Centaurea cariensis subsp. microlepis	0
Centaurea cineraria	- 0
Centaurea cineraria	0
Centaurea cineraria subsp. busambarensis	0
Centaurea cineraria subsp. circae	0
Centaurea cineraria subsp. veneris	0
Centaurea cuneifolia	- 0
Centaurea cuneifolia	0
Centaurea cuneifolia subsp. cuneifolia	0
Centaurea cuneifolia subsp. palida	0
Centaurea cuneifolia subsp. pallida	0
Centaurea debeauxii	- 0
Centaurea debeauxii	0
Centaurea debeauxii subsp. debeauxii	0
Centaurea decipiens	- 0
Centaurea decipiens	0
Centaurea decipiens subsp. decipiens	0
Centaurea decipiens subsp. ruscinonensis	0
Centaurea drabifolia	- 0
Centaurea drabifolia subsp. detonsa	0
Centaurea drabifolia subsp. drabifolia	0
Centaurea grinensis	- 0
Centaurea grinensis subsp. frirschii	0
Centaurea grinensis subsp. fritschii	0
Centaurea grinensis subsp. grinensis	0
Centaurea hanryi	- 0
Centaurea hanryi subsp. hanryi	0
Centaurea hanryi subsp. spinabadia	0

Centaurea herminii	-	0
Centaurea herminii		0
Centaurea herminii subsp. lusitana		0
Centaurea jacea	-	0
Centaurea jacea		0
Centaurea jacea subsp. angustifolia		0
Centaurea jacea subsp. angustifolia var. panonica		0
Centaurea jacea subsp. banatica		0
Centaurea jacea subsp. dracunculifolia		0
Centaurea jacea subsp. forojulensis		0
Centaurea jacea subsp. gaudinii		0
Centaurea jacea subsp. haynaldii		0
Centaurea jacea subsp. jacea		0
Centaurea jacea subsp. julica		0
Centaurea jacea subsp. substituta		0
Centaurea jacea subsp. weldeniana		0
Centaurea jacea var. pectinata		0
Centaurea jacea aggr.		0
Centaurea pannonica subsp. pannonica		0
Centaurea jacea subsp. vinyalsii	-	0
Centaurea jacea subsp. vinyalsii		0
Centaurea jacea subsp. timbalii		0
Centaurea janeri	-	0
Centaurea janeri		0
Centaurea janeri subsp. babiana		0
Centaurea jordaniana	-	0
Centaurea jordaniana		0
Centaurea jordaniana subsp. balbisiana		0
Centaurea kernerana	-	0
Centaurea kernerana		0
Centaurea kernerana subsp. gheorghieffii		0
Centaurea kotschyana	-	0
Centaurea kotschyana		0
Centaurea kotschyana var. diversifolia		0
Centaurea laconica	-	0
Centaurea laconica		0
Centaurea laconica subsp. linariloba		0
Centaurea lagascana	-	0

Centaurea lagascana	0
Centaurea lagascana subsp. lagascana	0
Centaurea leucophaea	- 0
Centaurea leucophaea	0
Centaurea leucophaea subsp. controversa	0
Centaurea leucophaea subsp. leucophaea	0
Centaurea macroptilon	- 0
Centaurea macroptilon	0
Centaurea macroptilon subsp. macroptilon	0
Centaurea napulifera	- 0
Centaurea napulifera subsp. napulifera	0
Centaurea napulifera subsp. nyssana	0
Centaurea napulifera var. genuina	0
Centaurea nervosa	- 0
Centaurea nervosa	0
Centaurea nervosa subsp. nervosa	0
Centaurea nervosa subsp. promota	0
Centaurea nigra	- 0
Centaurea nigra	0
Centaurea nigra subsp. carpetana	0
Centaurea nigra subsp. endressii	0
Centaurea nigra subsp. nigra	0
Centaurea nigra subsp. rivularis	0
Centaurea nigrescens	- 0
Centaurea nigrescens	0
Centaurea nigrescens subsp. neapolitana	0
Centaurea nigrescens subsp. nigrescens	0
Centaurea nigrescens subsp. pinnatifida	0
Centaurea nigrescens subsp. transalpina	0
Centaurea nigrescens subsp. vochinensis	0
Centaurea orientalis	- 0
Centaurea orientalis	0
Centaurea orientalis x apiculata subsp. sp	0
Centaurea ornata	- 0
Centaurea ornata	0
Centaurea ornata subsp. ornata	0
Centaurea ovina	- 0
Centaurea ovina	0

Centaurea ovina subsp. besserana	0
Centaurea paniculata	- 0
Centaurea paniculata	0
Centaurea paniculata subsp. carueliana	0
Centaurea paniculata subsp. cosana	0
Centaurea paniculata subsp. hanrii	0
Centaurea paniculata subsp. ligustica	0
Centaurea paniculata subsp. paniculata	0
Centaurea paniculata subsp. subciliata	0
Centaurea paniculata aggr.	0
Centaurea pectinata	- 0
Centaurea pectinata	0
Centaurea pectinata subsp. supina	0
Centaurea phrygia	- 0
Centaurea phrygia	0
Centaurea phrygia subsp. phrygia	0
Centaurea phrygia subsp. abbreviata	0
Centaurea phrygia subsp. bosniaca	0
Centaurea phrygia subsp. indurata	0
Centaurea phrygia subsp. melanocalathia	0
Centaurea phrygia subsp. moesiaca	0
Centaurea phrygia subsp. phrygia	0
Centaurea phrygia subsp. pseudophrygia	0
Centaurea phrygia subsp. razgradensis	0
Centaurea phrygia subsp. salicifolia	0
Centaurea phrygia subsp. stenolepis	0
Centaurea phrygia aggr.	0
Centaurea phrygia subsp. stenolepis	0
Centaurea pseudophrygia	0
Centaurea pseudophrygia subsp. pseudophry	0
Centaurea pseudophrygia subsp. ratezatens	0
Centaurea pullata	- 0
Centaurea pullata	0
Centaurea pullata subsp. baetica	0
Centaurea raphanina	- 0
Centaurea raphanina	0
Centaurea raphanina subsp. mixta	0
Centaurea raphanina subsp. raphanina	0
Centaurea resupinata	- 0
Centaurea resupinata	0
Centaurea resupinata subsp. dufourii	0

Centaurea resupinata subsp. lagascae	0
Centaurea rupestris aggr.	- 0
Centaurea rupestris	0
Centaurea ceratophylla	0
Centaurea finazzeri	0
Centaurea rupestris subsp. rupestris	0
Centaurea fisazzeri	0
Centaurea salicifolia	- 0
Centaurea salicifolia subsp. abbreviata	0
Centaurea salicifolia subsp. salicifolia	0
Centaurea scabiosa	- 0
Centaurea scabiosa	0
Centaurea scabiosa subsp. adpressa	0
Centaurea scabiosa subsp. alpestris	0
Centaurea scabiosa subsp. apiculata	0
Centaurea scabiosa subsp. cephalariifolia	0
Centaurea scabiosa subsp. fritschii	0
Centaurea scabiosa subsp. grinensis	0
Centaurea scabiosa subsp. sadleriana	0
Centaurea scabiosa subsp. scabiosa	0
Centaurea scabiosa subsp. spinulosa	0
Centaurea scabiosa subsp. tematinensis	0
Centaurea seridis	- 0
Centaurea seridis	0
Centaurea seridis subsp. maritima	0
Centaurea seridis subsp. maritma	0
Centaurea seridis subsp. sonchifolia	0
Centaurea sicula	- 0
Centaurea sicula	0
Centaurea sicula subsp. sicula	0
Centaurea solstitialis	- 0
Centaurea solstitialis	0
Centaurea solstitialis subsp. schouwii	0
Centaurea solstitialis subsp. solstitialis	0
Centaurea sphaerocephala	- 0
Centaurea sphaerocephala	0
Centaurea sphaerocephala subsp. lusitanica	0
Centaurea sphaerocephala subsp. polyacantha	0
Centaurea spinosa	- 0

Centaurea spinosa	0
Centaurea spinosa subsp. spinosa	0
Centaurea spruneri	- 0
Centaurea spruneri	0
Centaurea spruneri subsp. guicciardii	0
Centaurea stoebe	- 0
Centaurea stoebe	0
Centaurea stoebe subsp. australis	0
Centaurea stoebe subsp. rhenana	0
Centaurea stoebe subsp. serbica	0
Centaurea bibersteinii subsp. australis	0
Cyanus triumfettii	- 0
Centaurea triumfettii	0
Centaurea triumfetti subsp. achtarovii	0
Centaurea triumfetti subsp. adscendens	0
Centaurea triumfetti subsp. aligera	0
Centaurea triumfetti subsp. axillaris	0
Centaurea triumfetti subsp. cana	0
Centaurea triumfetti subsp. dominii	0
Centaurea triumfetti subsp. lingulata	0
Centaurea triumfetti subsp. lugdunensis	0
Centaurea triumfetti subsp. semidecurrens	0
Centaurea triumfetti subsp. stricta	0
Centaurea triumfetti subsp. triumfetti	0
Centaurea triumfetti var. axillaris	0
Cyanus triumfettii	0
Cyanus triumfettii subsp. nanus	0
Cyanus triumfettii subsp. strictus	0
Cyanus triumfettii subsp. triumfettii	0
Cyanus triumfetti	0
Cyanus graminifolius	0
Centaurea ucraiae	- 0
Centaurea ucraiae	0
Centaurea ucraiae subsp. ucraiae	0
Centaurea uniflora	- 0
Centaurea uniflora	0
Centaurea uniflora subsp. uniflora	0
Centaurea urvillei	- 0
Centaurea urvillei subsp. stepposa	0
Centaurea urvillei subsp. urvillei	0

<i>Centaurium erythraea</i>	-	0
<i>Centaurium erythraea</i>		0
<i>Centaurium erythraea</i> subsp. <i>austriacum</i>		0
<i>Centaurium erythraea</i> subsp. <i>enclusense</i>		0
<i>Centaurium erythraea</i> subsp. <i>erythraea</i>		0
<i>Centaurium erythraea</i> subsp. <i>grandiflorum</i>		0
<i>Centaurium erythraea</i> subsp. <i>majus</i>		0
<i>Centaurium erythraea</i> subsp. <i>rhodense</i>		0
<i>Centaurium erythraea</i> subsp. <i>rumelicum</i>		0
<i>Centaurium erythraea</i> subsp. <i>rumelicus</i>		0
<i>Centaurium erythraea</i> subsp. <i>turcicum</i>		0
<i>Centaurium grandiflorum</i>	-	0
<i>Centaurium grandiflorum</i>		0
<i>Centaurium grandiflorum</i> subsp. <i>majus</i>		0
<i>Centaurium littorale</i>	-	0
<i>Centaurium littorale</i>		0
<i>Centaurium littorale</i> subsp. <i>compressum</i>		0
<i>Centaurium littorale</i> subsp. <i>littorale</i>		0
<i>Centaurium pulchellum</i>	-	0
<i>Centaurium pulchellum</i>		0
<i>Centaurium pulchellum</i> subsp. <i>meyeri</i>		0
<i>Centaurium pulchellum</i> subsp. <i>pulchellum</i>		0
<i>Centaurium quadrifolium</i>	-	0
<i>Centaurium quadrifolium</i>		0
<i>Centaurium quadrifolium</i> subsp. <i>barrelieri</i>		0
<i>Centaurium quadrifolium</i> subsp. <i>linariifolium</i>		0
<i>Centaurium spicatum</i>	-	0
<i>Centaurium spicatum</i>		0
<i>Centaurium spicatum</i> subsp. <i>spicatum</i>		0
<i>Centaurium tenuiflorum</i>	-	0
<i>Centaurium tenuiflorum</i>		0
<i>Centaurium tenuiflorum</i> subsp. <i>acutiflorum</i>		0
<i>Centaurium tenuiflorum</i> subsp. <i>tenuiflorum</i>		0
<i>Centranthus angustifolius</i>	-	0
<i>Centranthus angustifolius</i>		0
<i>Centranthus angustifolius</i> subsp. <i>angustifolius</i>		0
<i>Centranthus calcitrapae</i>	-	0
<i>Centranthus calcitrapae</i>		0
<i>Centranthus calcitrapae</i> subsp. <i>calcitrapae</i>		0

Centranthus calcitrapae subsp. trichocarpus	0
Centranthus ruber	- 0
Centranthus ruber	0
Centranthus ruber subsp. ruber	0
Centranthus ruber subsp. sibthorpii	0
Cephalaria laevigata	- 0
Cephalaria laevigata	0
Cephalaria laevigata f. puberula	0
Cephalaria uralensis	- 0
Cephalaria uralensis	0
Cephalaria uralensis var. multifida	0
Cephalozia bicuspidata	- 0
Cephalozia bicuspidata	0
Cephalozia bicuspidata var. ambigua	0
Cephalozia bicuspidata var. lammersiana	0
Cephalozia macrostachya	- 0
Cephalozia macrostachya	0
Cephalozia macrostachya var. macrostachya	0
Cephaloziella divaricata	- 0
Cephaloziella divaricata	0
Cephaloziella divaricata subsp. asperifol	0
Cerastium alpinum	- 0
Cerastium alpinum	0
Cerastium alpinum var. glanduliferum	0
Cerastium alpinum var. lanatum	0
Cerastium arvense	- 0
Cerastium arvense	0
Cerastium arvense subsp. arvense	0
Cerastium arvense subsp. ciliatum	0
Cerastium arvense subsp. glandulosum	0
Cerastium arvense subsp. lerchenfeldianum	0
Cerastium arvense subsp. rigidum	0
Cerastium arvense subsp. strictum	0
Cerastium arvense subsp. suffruticosum	0
Cerastium banaticum	- 0
Cerastium banaticum	0
Cerastium banaticum subsp. banaticum	0
Cerastium banaticum subsp. speciosum	0



Cerastium brachypetalum	-	0
Cerastium brachypetalum		0
Cerastium brachypetalum subsp. brachypetalum		0
Cerastium brachypetalum subsp. pindigenum		0
Cerastium brachypetalum subsp. roeseri		0
Cerastium brachypetalum subsp. tauricum		0
Cerastium brachypetalum subsp. tenoreanum		0
Cerastium brachypetalum var. glutinosum		0
Cerastium brachypeta subsp. doerfleri		0
Cerastium brachypeta subsp. pindigenum		0
Cerastium carinthiacum	-	0
Cerastium carinthiacum		0
Cerastium carinthiacum subsp. austroalpinum		0
Cerastium carinthiacum subsp. carinthiacum		0
Cerastium decalvans	-	0
Cerastium decalvans		0
Cerastium decalvans subsp. dollineri		0
Cerastium decalvans subsp. leontopodium		0
Cerastium decalvans subsp. orbelicum		0
Cerastium diffusum	-	0
Cerastium diffusum		0
Cerastium diffusum subsp. diffusum		0
Cerastium diffusum subsp. gussonei		0
Cerastium diffusum subsp. subtetrandrum		0
Cerastium dichotomum	-	0
Cerastium dichotomum		0
Cerastium dichotomum subsp. dichotomum		0
Cerastium dichotomum subsp. inflatum		0
Cerastium fontanum subsp. vulgare	-	0
Cerastium fontanum		0
Cerastium fontanum subsp. vulgare		0
Cerastium fontanum subsp. vulgaris		0
Cerastium holosteoides f. glutinosum		0
Cerastium holosteoides subsp. triviale		0
Cerastium gracile	-	0
Cerastium gracile		0
Cerastium gracile subsp. ramosissimum		0
Cerastium illyricum	-	0
Cerastium illyricum		0

Cerastium illyricum subsp. brachiatum	0
Cerastium illyricum subsp. comatum	0
Cerastium ligusticum	- 0
Cerastium ligusticum	0
Cerastium ligusticum subsp. ligusticum	0
Cerastium ligusticum subsp. trichogynum	0
Cerastium moesiacum	- 0
Cerastium moesiacum	0
Cerastium moesiacum f. serpentini	0
Cerastium nigrescens	- 0
Cerastium nigrescens	0
Cerastium arcticum	0
Cerastium pumilum	- 0
Cerastium pumilum	0
Cerastium pumilum subsp. glutinosum	0
Cerastium pumilum subsp. pumilum	0
Cerastium pumilum aggr.	0
Cerastium rectum	- 0
Cerastium rectum	0
Cerastium rectum subsp. petricola	0
Cerastium regelii	- 0
Cerastium regelii	0
Cerastium regelii subsp. caespitosum	0
Cerastium scaposum	- 0
Cerastium scaposum	0
Cerastium scaposum subsp. peninsularum	0
Cerastium scaposum subsp. scaposum	0
Cerastium soleirolii	- 0
Cerastium soleirolii Ser. ex	0
Cerastium stenopetalum	0
Cerastium tomentosum	- 0
Cerastium tomentosum	0
Cerastium tomentosum var. aetnicum	0
Cerasus microcarpa	- 0
Cerasus microcarpa subsp. microcarpa	0
Cerasus microcarpa subsp. tortuosa	0

Ceratocapnos claviculata	-	0
Ceratocapnos claviculata		0
Ceratocapnos claviculata subsp. claviculata		0
Ceratodon purpureus	-	0
Ceratodon purpureus		0
Ceratodon purpureus subsp. conicus		0
Ceratodon purpureus subsp. purpureus		0
Ceratophyllum submersum	-	0
Ceratophyllum submersum		0
Ceratophyllum submersum subsp. submersum		0
Ceratophyllum submersum var. submersum		0
Cercis siliquastrum	-	0
Cercis siliquastrum		0
Cercis siliquastrum subsp. hebecarpa		0
Cercis siliquastrum subsp. siliquastrum		0
Cerintho glabra	-	0
Cerintho glabra		0
Cerintho glabra subsp. glabra		0
Cerintho glabra subsp. tenuiflora		0
Cerintho glabra subsp. velebitica		0
Cerintho minor	-	0
Cerintho minor		0
Cerintho minor subsp. auriculata		0
Cerintho minor subsp. minor		0
Ceropegia dichotoma	-	0
Ceropegia dichotoma		0
Ceropegia dichotoma subsp. krainzii		0
Cetraria cucullata	-	0
Cetraria cucullata		0
Flavocetraria cucullata		0
Cetraria islandica	-	0
Cetraria islandica		0
Cetraria islandica subsp. crispiformis		0
Cetraria islandica var. islandica		0
Cetraria nivalis	-	0
Cetraria nivalis		0
Flavocetraria nivalis		0

Cichorium intybus	-	0
Cichorium intybus		0
Cichorium intybus subsp. intybus		0
Circaea alpina	-	0
Circaea alpina		0
Circaea alpina subsp. alpina		0
Circaea lutetiana	-	0
Circaea lutetiana		0
Circaea lutetiana f. hirsuta		0
Cirsium acaulon	-	0
Cirsium acaulon		0
Cirsium acaulon subsp. acaulon		0
Cirsium acaule subsp. acaule		0
Cirsium acaule subsp. gregarium		0
Cirsium appendiculatum	-	0
Cirsium appendiculatum		0
Cirsium appendiculatum f. pantocsekii		0
Cirsium arvense	-	0
Cirsium arvense		0
Cirsium arvense f. horridum		0
Cirsium arvense f. ruderale		0
Cirsium arvense subsp. arvense		0
Cirsium arvense subsp. vestitum		0
Cirsium carniolicum	-	0
Cirsium carniolicum		0
Cirsium carniolicum subsp. carniolicum		0
Cirsium carniolicum subsp. rufescens		0
Cirsium creticum	-	0
Cirsium creticum subsp. creticum		0
Cirsium creticum subsp. triumfetti		0
Cirsium eriophorum	-	0
Cirsium eriophorum		0
Cirsium eriophorum subsp. eriophorum		0
Cirsium esculentum	-	0
Cirsium esculentum		0
Cirsium acaule subsp. esculentum		0
Cirsium acaulon subsp. esculentum		0

Cirsium heldreichii	-	0
Cirsium heldreichii		0
Cirsium heldreichii subsp. euboicum		0
Cirsium ligulare	-	0
Cirsium ligulare		0
Cirsium ligulare subsp. albanum		0
Cirsium ligulare subsp. armatum		0
Cirsium monspessulanum	-	0
Cirsium monspessulanum		0
Cirsium monspessulanum subsp. ferox		0
Cirsium monspessulanum s.l.		0
Cirsium pyrenaicum	-	0
Cirsium pyrenaicum		0
Cirsium pyrenaicum subsp. longespinosum		0
Cirsium pyrenaicum subsp. paniculatum		0
Cirsium pyrenaicum subsp. pyrenaicum		0
Cirsium richteranum	-	0
Cirsium richteranum		0
Cirsium richteranum subsp. giraudiasii		0
Cirsium richteranum subsp. neilense		0
Cirsium rivulare	-	0
Cirsium rivulare		0
Cirsium rivulare f. glabratum		0
Cirsium spinosissimum	-	0
Cirsium spinosissimum		0
Cirsium spinosissimum subsp. bertolonii		0
Cirsium tuberosum	-	0
Cirsium tuberosum		0
Cirsium tuberosum subsp. tuberosum		0
Cirsium vulgare	-	0
Cirsium vulgare		0
Cirsium vulgare subsp. vulgare		0
Cistus creticus	-	0
Cistus creticus		0
Cistus creticus subsp. corsicus		0
Cistus creticus subsp. creticus		0
Cistus creticus subsp. eriocephalus		0
Cistus creticus var. mauritanicus		0

Cistus incanus	0
Cistus incanus subsp. corsicus	0
Cistus incanus subsp. incanus	0
Cistus villosus	0
Cistus chinamadensis	- 0
Cistus chinamadensis	0
Cistus chinamadensis subsp. gomerae	0
Cistus lasianthus	- 0
Cistus lasianthus	0
Cistus lasianthus subsp. alyssoides	0
Cistus populifolius	- 0
Cistus populifolius	0
Cistus populifolius subsp. major	0
Cistus populifolius subsp. populifolius	0
Cistus populifolius subsp. populifolius x salviifo	0
Cistus umbellatus	- 0
Cistus umbellatus	0
Cistus umbellatus subsp. viscosus	0
Cladonia arbuscula	- 0
Cladonia arbuscula	0
Cladonia arbuscula subsp. mitis	0
Cladonia arbuscula subsp. squarrosa	0
Cladonia cervicornis	- 0
Cladonia cervicornis	0
Cladonia cervicornis subsp. cervicornis	0
Cladonia cervicornis subsp. verticillata	0
Cladonia ciliata	- 0
Cladonia ciliata	0
Cladonia ciliata var. tenuis	0
Cladonia coccifera	- 0
Cladonia coccifera	0
Cladonia coccifera subsp. pleurota	0
Cladonia cornuta	- 0
Cladonia cornuta	0
Cladonia cornuta subsp. cornuta	0
Cladonia crispata	- 0
Cladonia crispata	0

Cladonia crispata var. cetrariaeformis	0
Cladonia crispata var. cetrariiiformis	0
Cladonia crispata var. crispata	0
Cladonia deformis aggr.	- 0
Cladonia deformis	0
Cladonia deformis aggr.	0
Cladonia ecmocyna	- 0
Cladonia ecmocyna	0
Cladonia ecmocyna aggr.	0
Cladonia endiviifolia	- 0
Cladonia endiviifolia	0
Cladonia endiviifolia var. revoluta	0
Cladonia furcata	- 0
Cladonia furcata	0
Cladonia furcata subsp. furcata	0
Cladonia furcata subsp. subrangiformis	0
Cladonia furcata var. furcata	0
Cladonia furcata var. palamaea	0
Cladonia furcata var. pinnata	0
Cladonia furcata var. pinnata f. foliolosa	0
Cladonia furcata var. racemosa	0
Cladonia gracilis	- 0
Cladonia gracilis	0
Cladonia gracilis subsp. elongata	0
Cladonia gracilis subsp. gracilis	0
Cladonia gracilis subsp. nigripes	0
Cladonia gracilis subsp. turbinata	0
Cladonia gracilis var. dilatata	0
Cladonia gracilis var. elongata	0
Cladonia gracilis var. gracilis	0
Cladonia macilenta	- 0
Cladonia macilenta	0
Cladonia macilenta subsp. floerkeana	0
Cladonia macilenta subsp. macilenta	0
Cladonia merochlorophaea	- 0
Cladonia merochlorophaea	0
Cladonia merochlorophaea var. novochlorophaea	0
Cladonia pyxidata	- 0
Cladonia pyxidata	0

Cladonia pyxidata subsp. grayi x novochlorophaea	0
Cladonia pyxidata subsp. pyxidata	0
Cladonia pyxidata subsp. pyxidata x pyxidata	0
Cladonia rangiferina	- 0
Cladonia rangiferina	0
Cladonia rangiferina f. tenuior	0
Cladonia rangiformis	- 0
Cladonia rangiformis	0
Cladonia rangiformis var. foliosa	0
Cladonia rangiformis var. muricata	0
Cladonia squamosa	- 0
Cladonia squamosa	0
Cladonia squamosa var. allosquamosa	0
Cladonia squamosa var. denticolis	0
Cladonia squamosa var. multibrachiata	0
Cladonia squamosa var. muricella	0
Cladonia squamosa var. squamosa	0
Cladonia squamosa var. subsquamosa	0
Cladonia stricta	- 0
Cladonia stricta	0
Cladonia stricta var. uliginosa	0
Cladonia uncialis	- 0
Cladonia uncialis	0
Cladonia uncialis subsp. uncialis	0
Cleistogenes serotina	- 0
Cleistogenes serotina	0
Cleistogenes serotina subsp. bulgarica	0
Cleistogenes serotina subsp. serotina	0
Clematis alpina	- 0
Clematis alpina	0
Clematis alpina subsp. alpina	0
Clematis alpina subsp. sibirica	0
Clematis viticella	- 0
Clematis viticella	0
Clematis viticella subsp. campaniflora	0
Clinopodium acinos	- 0
Acinos arvensis subsp. arvensis	0
Calamintha acynos	0



Clinopodium alpinum	-	0
Clinopodium alpinum		0
Clinopodium alpinum subsp. alpinum		0
Clinopodium alpinum subsp. hungaricum		0
Clinopodium alpinum subsp. majoranifolium		0
Clinopodium alpinum subsp. meridionale		0
Clinopodium alpinum subsp. nebrodensis		0
Clinopodium alpinum subsp. pyrenaicum		0
Acinos alpinus		0
Acinos alpinus subsp. hungarica		0
Acinos alpinus subsp. alpinus		0
Acinos alpinus subsp. pyrenaicus		0
Calamintha hungarica		0
Calamintha alpina var. granatensis		0
Satureja alpina		0
Satureja alpina subsp. pyrenaica		0
Clinopodium graveolens	-	0
Calamintha exigua		0
Clinopodium graveolens subsp. rotundifolium		0
Clinopodium menthifolium	-	0
Clinopodium menthifolium		0
Clinopodium menthifolium subsp. ascendens		0
Clinopodium menthifolium subsp. menthifolium		0
Calamintha menthifolia subsp. sylvatica		0
Calamintha sylvatica subsp. sylvatica		0
Calamintha adscendens		0
Satureja calamintha subsp. sylvatica		0
Clinopodium nepeta	-	0
Clinopodium nepeta		0
Clinopodium nepeta subsp. glandulosum		0
Clinopodium nepeta subsp. nepeta		0
Clinopodium nepeta subsp. spruneri		0
Calamintha byzantina		0
Calamintha nepeta aggr.		0
Calamintha nepeta subsp. nepeta x subsp. glandulo		0
Satureja calamintha		0
Satureja calamintha subsp. calamintha		0
Clinopodium thymifolium	-	0
Calamintha thymifolia		0
Clinopodium vulgare	-	0
Clinopodium vulgare		0

Clinopodium vulgare subsp. arundanum	0
Clinopodium vulgare subsp. vulgare	0
Cochlearia officinalis	- 0
Cochlearia officinalis	0
Cochlearia officinalis subsp. officinalis	0
Cochlearia officinalis subsp. scotica	0
Cochlearia pyrenaica	- 0
Cochlearia pyrenaica	0
Cochlearia pyrenaica subsp. alpina	0
Coincya monensis	- 0
Coincya monensis	0
Coincya monensis subsp. cheiranthos	0
Coincya monensis subsp. hispida	0
Coincya monensis subsp. nevadensis	0
Coincya monensis subsp. orophila	0
Coincya monensis var. setigera	0
Colchicum bulbocodium	- 0
Colchicum bulbocodium	0
Colchicum bulbocodium subsp. versicolor	0
Colutea arborescens	- 0
Colutea arborescens	0
Colutea arborescens subsp. arborescens	0
Colutea arborescens subsp. gallica	0
Colutea melanocalyx	- 0
Colutea melanocalyx subsp. davisiana	0
Colutea melanocalyx subsp. melanocalyx	0
Coluteocarpus vesicaria	- 0
Coluteocarpus vesicaria subsp. boissieri	0
Coluteocarpus vesicaria subsp. vesicaria	0
Conium maculatum	- 0
Conium maculatum	0
Conium maculatum subsp. maculatum	0
Conopodium majus	- 0
Conopodium majus	0
Conopodium majus subsp. majus	0
Conopodium majus subsp. marizianum	0
Consolida phrygia	- 0

Consolida phrygia	0
Consolida phrygia subsp. phrygia	0
Consolida phrygia subsp. thessalonica	0
Consolida regalis	- 0
Consolida regalis	0
Consolida regalis subsp. paniculata	0
Consolida regalis subsp. paniculata var. divaricat	0
Consolida regalis subsp. paniculata var. paniculat	0
Consolida regalis subsp. regalis	0
Consolida scleroclada	- 0
Consolida scleroclada var. rigida	0
Consolida scleroclada var. scleroclada	0
Convolvulus althaeoides	- 0
Convolvulus althaeoides	0
Convolvulus althaeoides subsp. althaeoides	0
Convolvulus althaeoides subsp. tenuissimu	0
Convolvulus althaeoides subsp. tenuissimus	0
Convolvulus altheoides	0
Convolvulus arvensis	- 0
Convolvulus arvensis	0
Convolvulus arvensis f. auriculatus	0
Convolvulus boissieri	- 0
Convolvulus boissieri	0
Convolvulus boissieri subsp. compacta	0
Convolvulus boissieri subsp. compactus	0
Convolvulus boissieri subsp. parnassius	0
Convolvulus fruticosus	- 0
Convolvulus fruticosus	0
Convolvulus fruticosus subsp. fruticosus	0
Convolvulus holosericeus	- 0
Convolvulus holosericeus	0
Convolvulus holosericeus subsp. holosericeus	0
Convolvulus sabatius	- 0
Convolvulus sabatius	0
Convolvulus sabatius subsp. sabatius	0
Convolvulus siculus	- 0
Convolvulus siculus	0
Convolvulus siculus subsp. siculus	0

<i>Coris monspeliensis</i>	-	0
<i>Coris monspeliensis</i>		0
<i>Coris monspeliensis</i> subsp. <i>fontqueri</i>		0
<i>Coris monspeliensis</i> subsp. <i>monspeliensis</i>		0
<i>Coris monspeliensis</i> var. <i>fontqueri</i>		0
<i>Coris monspeliensis</i> s.l.		0
<i>Corispermum hyssopifolium</i>	-	0
<i>Corispermum hyssopifolium</i>		0
<i>Corispermum hyssopifolium</i> var. <i>squarrosum</i>		0
<i>Cornus sanguinea</i>	-	0
<i>Cornus sanguinea</i>		0
<i>Cornus sanguinea</i> subsp. <i>australis</i>		0
<i>Cornus sanguinea</i> subsp. <i>hungarica</i>		0
<i>Cornus sanguinea</i> subsp. <i>sanguinea</i>		0
<i>Cornus sericea</i>	-	0
<i>Cornus sericea</i> s.l.		0
<i>Coronilla minima</i>	-	0
<i>Coronilla minima</i>		0
<i>Coronilla minima</i> subsp. <i>lotoides</i>		0
<i>Coronilla minima</i> subsp. <i>minima</i>		0
<i>Coronilla minima</i> subsp. <i>vigoi</i>		0
<i>Coronilla minima</i> s.l.		0
<i>Coronilla orientalis</i>	-	0
<i>Coronilla orientalis</i>		0
<i>Coronilla orientalis</i> var. <i>orientalis</i>		0
<i>Coronilla repanda</i>	-	0
<i>Coronilla repanda</i>		0
<i>Coronilla repanda</i> subsp. <i>dura</i>		0
<i>Coronilla valentina</i>	-	0
<i>Coronilla valentina</i>		0
<i>Coronilla valentina</i> subsp. <i>glauca</i>		0
<i>Coronilla valentina</i> subsp. <i>valentina</i>		0
<i>Corothamnus procumbens</i>	-	0
<i>Corothamnus procumbens</i> var. <i>petrovicii</i>		0
<i>Corothamnus procumbens</i> var. <i>procumbens</i>		0
<i>Corrigiola litoralis</i>	-	0
<i>Corrigiola litoralis</i>		0

Corrigiola litoralis subsp. litoralis	0
Corrigiola litoralis subsp. perez-larae	0
Corrigiola litoralis subsp. telephiifolia	0
Corydalis cava	- 0
Corydalis cava	0
Corydalis cava subsp. cava	0
Corydalis cava subsp. marschaliana	0
Corydalis cava subsp. marschalliana	0
Corydalis rutifolia	- 0
Corydalis rutifolia subsp. erdelii	0
Corydalis rutifolia subsp. kurdica	0
Corydalis rutifolia subsp. uniflora	0
Corydalis solida	- 0
Corydalis solida	0
Corydalis solida subsp. brachyloba	0
Corydalis solida subsp. densiflora	0
Corydalis solida subsp. incisa	0
Corydalis solida subsp. solida	0
Corydalis solida subsp. tauricola	0
Corydalis solida var. balcanica	0
Corydalis solida var. eusolida	0
Corydalis solida var. solida	0
Corylus avellana	- 0
Corylus avellana	0
Corylus avellana var. avellana	0
Corylus avellana var. pontica	0
Cosentinia vellea	- 0
Cosentinia vellea subsp. bivalens	0
Cota tinctoria	- 0
Cota tinctoria	0
Cota tinctoria subsp. fussii	0
Cota tinctoria subsp. parnassica	0
Cota tinctoria subsp. sancti-johannis	0
Cotoneaster tomentosus	- 0
Cotoneaster tomentosus	0
Cotoneaster tomentosa var. delphinensis	0
Crambe orientalis	- 0
Crambe orientalis	0
Crambe orientalis var. alutacea	0

<i>Crambe tataria</i>	-	0
<i>Crambe tataria</i>		0
<i>Crambe tataria</i> var. <i>parviflora</i>		0
<i>Crambe tataria</i> var. <i>tataria</i>		0
<i>Crataegus aronia</i>	-	0
<i>Crataegus aronia</i> var. <i>aronia</i>		0
<i>Crataegus aronia</i> var. <i>minuta</i>		0
<i>Crataegus azarolus</i>	-	0
<i>Crataegus azarolus</i>		0
<i>Crataegus azarolus</i> subsp. <i>azarolus</i> var. <i>aronia</i>		0
<i>Crataegus azarolus</i> subsp. <i>azarolus</i> var. <i>azarolus</i>		0
<i>Crataegus azarolus</i> var. <i>aronia</i>		0
<i>Crataegus laevigata</i>	-	0
<i>Crataegus laevigata</i>		0
<i>Crataegus laevigata</i> subsp. <i>laevigata</i>		0
<i>Crataegus laevigata</i> aggr.		0
<i>Crataegus monogyna</i>	-	0
<i>Crataegus monogyna</i>		0
<i>Crataegus monogyna</i> var. <i>lasiocarpa</i>		0
<i>Crataegus monogyna</i> aggr.		0
<i>Crataegus orientalis</i>	-	0
<i>Crataegus orientalis</i>		0
<i>Crataegus orientalis</i> subsp. <i>orientalis</i>		0
<i>Crataegus orientalis</i> var. <i>orientalis</i>		0
<i>Cratoneuron commutatum</i>	-	0
<i>Cratoneuron commutatum</i> subsp. <i>falcatum</i>		0
<i>Cratoneuron commutatum</i> var. <i>commutatum</i>		0
<i>Cratoneuron commutatum</i> var. <i>fluctuans</i>		0
<i>Cratoneuron commutatum</i> var. <i>sulcatum</i>		0
<i>Cratoneuron filicinum</i>	-	0
<i>Cratoneuron filicinum</i>		0
<i>Cratoneuron filicinum</i> var. <i>atrovirens</i>		0
<i>Cratoneuron filicinum</i> var. <i>curvicaule</i>		0
<i>Cratoneuron filicinum</i> var. <i>filicinum</i>		0
<i>Cratoneurum commutatum</i>	-	0
<i>Cratoneurum commutatum</i>		0
<i>Cratoneurum commutatum</i> var. <i>falcatum</i>		0
<i>Cratoneurum commutatum</i> var. <i>sulcatum</i>		0

<i>Crepis albida</i>	-	0
<i>Crepis albida</i>		0
<i>Crepis albida</i> subsp. <i>albida</i>		0
<i>Crepis albida</i> subsp. <i>asturica</i>		0
<i>Crepis albida</i> subsp. <i>grosii</i>		0
<i>Crepis albida</i> subsp. <i>longicaulis</i>		0
<i>Crepis albida</i> subsp. <i>macrocephala</i>		0
<i>Crepis albida</i> subsp. <i>scorzoneroides</i>		0
<i>Crepis albida</i> s.l.		0
<i>Crepis aurea</i>	-	0
<i>Crepis aurea</i>		0
<i>Crepis aurea</i> subsp. <i>aurea</i>		0
<i>Crepis aurea</i> subsp. <i>glabrescens</i>		0
<i>Crepis aurea</i> var. <i>bosniaca</i>		0
<i>Crepis capillaris</i>	-	0
<i>Crepis capillaris</i>		0
<i>Crepis capillaris</i> var. <i>capillaris</i>		0
<i>Crepis foetida</i>	-	0
<i>Crepis foetida</i>		0
<i>Crepis foetida</i> subsp. <i>comutata</i>		0
<i>Crepis foetida</i> subsp. <i>foetida</i>		0
<i>Crepis foetida</i> subsp. <i>rhoeadifolia</i>		0
<i>Crepis commutata</i>		0
<i>Crepis foetida</i> subsp. <i>rhoedifolia</i>		0
<i>Crepis fraasii</i>	-	0
<i>Crepis fraasii</i>		0
<i>Crepis fraasii</i> subsp. <i>fraasii</i>		0
<i>Crepis hellenica</i>	-	0
<i>Crepis hellenica</i>		0
<i>Crepis hellenica</i> subsp. <i>hellenica</i>		0
<i>Crepis jacquinii</i>	-	0
<i>Crepis jacquinii</i>		0
<i>Crepis jacquinii</i> subsp. <i>jacquinii</i>		0
<i>Crepis jacquinii</i> subsp. <i>kernerii</i>		0
<i>Crepis leontodontoides</i>	-	0
<i>Crepis leontodontoides</i>		0
<i>Crepis leontodontoides</i> var. <i>preslii</i>		0
<i>Crepis mollis</i>	-	0

Crepis mollis	0
Crepis mollis subsp. mollis	0
Crepis mollis subsp. succisiifolia	0
Crepis neglecta	- 0
Crepis neglecta	0
Crepis cretica	0
Crepis neglecta subsp. neglecta	0
Crepis neglecta subsp. corymbosa	0
Crepis praemorsa aggr.	- 0
Crepis praemorsa	0
Crepis praemorsa subsp. corymbosa	0
Crepis praemorsa subsp. dinarica	0
Crepis praemorsa subsp. praemorsa	0
Crepis froelichiana	0
Crepis froelichiana subsp. dinarica	0
Crepis pygmaea	- 0
Crepis pygmaea	0
Crepis pygmaea subsp. pygmaea	0
Crepis reuterana	- 0
Crepis reuterana	0
Crepis reuterana subsp. reuterana	0
Crepis sancta	- 0
Crepis sancta	0
Crepis sancta subsp. sancta	0
Crepis sancta subsp. nemausensis	0
Crepis setosa	- 0
Crepis setosa	0
Crepis setosa subsp. topaliana	0
Crepis suffreniana	- 0
Crepis suffreniana	0
Crepis suffreniana subsp. apula	0
Crepis tectorum	- 0
Crepis tectorum	0
Crepis tectorum subsp. tectorum	0
Crepis vesicaria	- 0
Crepis vesicaria	0
Crepis vesicaria subsp. bionnana	0
Crepis vesicaria subsp. congenita	0



Crepis vesicaria subsp. hyemalis	0
Crepis vesicaria subsp. taraxacifolia	0
Crepis vesicaria subsp. vesicaria	0
Crepis viscidula	- 0
Crepis viscidula	0
Crepis viscidula subsp. geracioides	0
Crocus biflorus	- 0
Crocus biflorus	0
Crocus biflorus subsp. biflorus	0
Crocus biflorus subsp. nubigena	0
Crocus cancellatus	- 0
Crocus cancellatus	0
Crocus cancellatus subsp. mazziaricus	0
Crocus flavus	- 0
Crocus flavus	0
Crocus flavus subsp. flavus	0
Crocus imperati	- 0
Crocus imperati	0
Crocus imperati subsp. suaveolens	0
Crocus serotinus	- 0
Crocus serotinus	0
Crocus serotinus subsp. clusii	0
Crocus serotinus subsp. salzmannii	0
Crocus sieberi	- 0
Crocus sieberi	0
Crocus sieberi subsp. atticus	0
Crocus sieberi subsp. sieberi	0
Crocus sieberi subsp. sublimis	0
Crocus vernus	- 0
Crocus vernus	0
Crocus vernus subsp. albiflorus	0
Crocus vernus subsp. vernus	0
Cruciata glabra	- 0
Cruciata glabra	0
Cruciata glabra subsp. glabra	0
Cruciata glabra subsp. hirticaulis	0
Cruciata glabra var. alpina	0

Ctenidium molluscum	-	0
Ctenidium molluscum		0
Ctenidium molluscum var. condensatum		0
Ctenidium molluscum var. fastigiatum		0
Ctenidium molluscum var. mollissima		0
Ctenidium molluscum var. molluscum		0
Cupressus sempervirens	-	0
Cupressus sempervirens		0
Cupressus sempervirens var. horizontalis		0
Cuscuta approximata	-	0
Cuscuta approximata		0
Cuscuta approximata subsp. approximata		0
Cuscuta australis	-	0
Cuscuta australis		0
Cuscuta australis subsp. cesattiana		0
Cuscuta australis subsp. tinei		0
Cuscuta epithymum	-	0
Cuscuta epithymum		0
Cuscuta epithymum subsp. epithymum		0
Cuscuta epithymum subsp. kotschyi		0
Cuscuta europaea	-	0
Cuscuta europaea		0
Cuscuta europaea subsp. europaea		0
Cuscuta palaestina	-	0
Cuscuta palaestina		0
Cuscuta palaestina subsp. palaestina		0
Cyclamen coum	-	0
Cyclamen coum		0
Cyclamen coum var. caucasicum		0
Cyclamen coum var. coum		0
Cyclamen graecum	-	0
Cyclamen graecum		0
Cyclamen graecum subsp. candicum		0
Cyclamen hederifolium	-	0
Cyclamen hederifolium		0
Cyclamen hederifolium subsp. confusum		0
Cymbalaria aequitriloba	-	0

Cymbalaria aequitriloba	0
Cymbalaria aequitriloba subsp. aequitriloba	0
Cymbalaria microcalyx	- 0
Cymbalaria microcalyx	0
Cymbalaria microcalyx subsp. microcalyx	0
Cymbalaria muralis	- 0
Cymbalaria muralis	0
Cymbalaria muralis subsp. muralis	0
Cymbalaria muralis subsp. pubescens	0
Cymbalaria muralis subsp. visianii	0
Cynanchum acutum	- 0
Cynanchum acutum	0
Cynanchum acutum subsp. acutum	0
Cynara cardunculus	- 0
Cynara cardunculus	0
Cynara cardunculus subsp. cardunculus	0
Cynoglottis barrelieri	- 0
Cynoglottis barrelieri	0
Cynoglottis barrelieri subsp. barrelieri	0
Cynoglottis barrelieri subsp. serpentinicola	0
Cyperus capitatus	- 0
Cyperus capitatus	0
Cyperus capitatus subsp. orientalis	0
Cyperus fuscus	- 0
Cyperus fuscus	0
Cyperus fuscus f. virescens	0
Cyperus longus	- 0
Cyperus longus	0
Cyperus longus var. longus	0
Cystopteris fragilis	- 0
Cystopteris fragilis	0
Cystopteris fragilis subsp. pseudoregia	0
Cytinus hypocistis	- 0
Cytinus hypocistis	0
Cytinus hypocistis subsp. clusii	0
Cytinus hypocistis subsp. hypocistis	0
Cytinus hypocistis subsp. macranthus	0

Cytisus arboreus	-	0
Cytisus arboreus		0
Cytisus arboreus subsp. baeticus		0
Cytisus arboreus subsp. catalaunicus		0
Cytisus arboreus subsp. malacitanus		0
Cytisus baeticus		0
Cytisus austriacus	-	0
Cytisus austriacus		0
Cytisus austriacus subsp. heuffelii		0
Cytisus austriacus subsp. pygmaeus		0
Cytisus austriacus var. rochelii		0
Cytisus balansae	-	0
Cytisus balansae		0
Cytisus balansae subsp. europaeus		0
Cytisus fontanesii	-	0
Cytisus fontanesii		0
Cytisus fontanesii subsp. plumosus		0
Cytisus grandiflorus	-	0
Cytisus grandiflorus		0
Cytisus grandiflorus subsp. cabezudoii		0
Cytisus hirsutus	-	0
Cytisus hirsutus		0
Cytisus hirsutus subsp. polytrichus		0
Cytisus ruthenicus	-	0
Cytisus ruthenicus		0
Cytisus ruthenicus var. zingeri		0
Cytisus scoparius	-	0
Cytisus scoparius		0
Cytisus scoparius subsp. maritimus		0
Cytisus scoparius subsp. scoparius		0
Cytisus villosus	-	0
Cytisus villosus		0
Cytisus villosus subsp. villosus		0
Dactylis glomerata	-	0
Dactylis glomerata		0
Dactylis glomerata subsp. glomerata		0
Dactylis glomerata subsp. glomerata var. pendula		0

Dactylis glomerata subsp. hackelii	0
Dactylis glomerata subsp. hispanica	0
Dactylis glomerata subsp. juncinella	0
Dactylis glomerata s.l.	0
Dactylis glomerata subsp. lobata	0
Dactylis glomerata subsp. lusitanica	0
Dactylis glomerata subsp. rigida	0
Dactylis glomerata subsp. santai	0
Dactylis glomerata subsp. slovenica	0
Dactylis glomerata var. ciliata	0
Dactylis glomerata var. ciliata	0
Dactylis smithii	- 0
Dactylis smithii	0
Dactylis smithii subsp. hylodes	0
Dactylorhiza cordigera	- 0
Dactylorhiza cordigera	0
Dactylorhiza cordigera subsp. bosniaca	0
Dactylorhiza elata	- 0
Dactylorhiza elata	0
Dactylorhiza elata subsp. sesquipedalis	0
Dactylorhiza fuchsii	- 0
Dactylorhiza fuchsii	0
Dactylorhiza fuchsii subsp. fuchsii	0
Dactylorhiza fuchsii subsp. hebridensis	0
Dactylorhiza fuchsii subsp. psychrophila	0
Dactylorhiza fuchsii subsp. soana	0
Dactylorhiza fuchsii var. okellyi	0
Dactylorhiza incarnata	- 0
Dactylorhiza incarnata	0
Dactylorhiza incarnata subsp. coccinea	0
Dactylorhiza incarnata subsp. cruenta	0
Dactylorhiza incarnata subsp. incarnata	0
Dactylorhiza incarnata subsp. ochroleuca	0
Dactylorhiza lapponica	- 0
Dactylorhiza lapponica	0
Dactylorhiza lapponica subsp. lapponica	0
Dactylorhiza maculata	- 0
Dactylorhiza maculata	0
Dactylorhiza maculata subsp. caramulensis	0
Dactylorhiza maculata subsp. elodes	0

Dactylorhiza maculata subsp. maculata	0
Dactylorhiza maculata subsp. schurii	0
Dactylorhiza maculata subsp. transsilvanica	0
Dactylorhiza majalis	- 0
Dactylorhiza majalis	0
Dactylorhiza majalis subsp. baltica	0
Dactylorhiza majalis subsp. brevifolia	0
Dactylorhiza majalis subsp. majalis	0
Dactylorhiza majalis subsp. sphagnicola	0
Dactylorhiza romana	- 0
Dactylorhiza romana	0
Dactylorhiza romana subsp. guimaraesii	0
Dactylorhiza romana subsp. romana	0
Dactylorhiza sambucina	- 0
Dactylorhiza sambucina	0
Dactylorhiza sambucina subsp. sambucina	0
Damasonium alisma	- 0
Damasonium alisma	0
Damasonium alisma subsp. bourgaei	0
Danthonia decumbens	- 0
Danthonia decumbens	0
Danthonia decumbens subsp. decipiens	0
Danthonia decumbens subsp. decumbens	0
Daphne alpina	- 0
Daphne alpina	0
Daphne alpina subsp. scopoliana	0
Daphne cneorum	- 0
Daphne cneorum	0
Daphne cneorum f. arbusculoides	0
Daphne cneorum var. verloti	0
Daphne laureola	- 0
Daphne laureola	0
Daphne laureola subsp. cantabrica	0
Daphne laureola var. cantabrica	0
Daphne oleoides	- 0
Daphne oleoides	0
Daphne oleoides subsp. hispanica	0
Daphne oleoides subsp. oleoides	0

Daphne oleoides var. puberula	0
Daphne pontica	- 0
Daphne pontica	0
Daphne pontica subsp. haematocarpa	0
Datura stramonium	- 0
Datura stramonium	0
Datura stramonium subsp. stramonium	0
Daucus carota	- 0
Daucus carota	0
Daucus carota subsp. azorica	0
Daucus carota subsp. carota	0
Daucus carota subsp. carota var. maritimus	0
Daucus carota subsp. commutatus	0
Daucus carota subsp. drepanensis	0
Daucus carota subsp. gadecaei	0
Daucus carota subsp. gummifer	0
Daucus carota subsp. halophilus	0
Daucus carota subsp. hispanicus	0
Daucus carota subsp. hispidus	0
Daucus carota subsp. major	0
Daucus carota subsp. maximus	0
Daucus carota subsp. sativus	0
Daucus carota var. maritimus	0
Daucus gingidium	- 0
Daucus gingidium	0
Daucus gingidium subsp. commutatus	0
Daucus glochidiatus	- 0
Daucus glochidiatus	0
Daucus glochidiatus subsp. carota	0
Daucus guttatus	- 0
Daucus guttatus	0
Daucus guttatus subsp. guttatus	0
Daucus guttatus subsp. zahariadii	0
Delphinium cyphoplectrum	- 0
Delphinium cyphoplectrum var. pallidiflorum	0
Delphinium cyphoplectrum var. stenophyllum	0
Delphinium cyphoplectrum var. vanense	0
Delphinium elatum	- 0
Delphinium elatum	0

Delphinium elatum subsp. elatum	0
Delphinium emarginatum	- 0
Delphinium emarginatum subsp. emarginatum	0
Delphinium emarginatum subsp. nevadense	0
Delphinium fissum	- 0
Delphinium fissum	0
Delphinium fissum subsp. albiflorum	0
Delphinium fissum subsp. anatolicum	0
Delphinium fissum subsp. fissum	0
Delphinium fissum var. velutinum	0
Delphinium halteratum	- 0
Delphinium halteratum	0
Delphinium halteratum subsp. halteratum	0
Dermatocarpon miniatum	- 0
Dermatocarpon miniatum	0
Dermatocarpon miniatum var. complicatum	0
Descurainia tanacetifolia	- 0
Descurainia tanacetifolia	0
Descurainia tanacetifolia subsp. suffruticosa	0
Descurainia tanacetifolia subsp. tanacetifolia	0
Deschampsia cespitosa	- 0
Deschampsia cespitosa	0
Deschampsia cespitosa subsp. alpina	0
Deschampsia cespitosa subsp. brevifolia	0
Deschampsia cespitosa subsp. cespitosa	0
Deschampsia cespitosa subsp. glauca	0
Deschampsia cespitosa subsp. paludosa	0
Deschampsia cespitosa subsp. parviflora	0
Deschampsia cespitosa subsp. rhenana	0
Deschampsia cespitosa subsp. subtriflora	0
Deschampsia cespitosa aggr.	0
Deschampsia sukatschewii subsp. borealis	0
Deschampsia media	- 0
Deschampsia media	0
Deschampsia media subsp. hispanica	0
Dethawia splendens	- 0
Dethawia splendens	0
Dethawia splendens subsp. cantabrica	0



Dianthus algetanus	-	0
Dianthus algetanus		0
Dianthus algetanus subsp. turolensis		0
Dianthus arenarius	-	0
Dianthus arenarius		0
Dianthus arenarius subsp. arenarius		0
Dianthus arenarius subsp. borussicus		0
Dianthus arenarius subsp. pseudosquarrosus		0
Dianthus barbatus	-	0
Dianthus barbatus		0
Dianthus barbatus subsp. barbatus		0
Dianthus barbatus subsp. compactus		0
Dianthus borbasii	-	0
Dianthus borbasii		0
Dianthus borbasii subsp. borbasii		0
Dianthus borbasii subsp. capitellatus		0
Dianthus brevicaulis	-	0
Dianthus brevicaulis subsp. brevicaulis		0
Dianthus brevicaulis subsp. setaceus		0
Dianthus campestris	-	0
Dianthus campestris		0
Dianthus campestris subsp. campestris		0
Dianthus capitatus	-	0
Dianthus capitatus		0
Dianthus capitatus subsp. andrzejowskianus		0
Dianthus carthusianorum	-	0
Dianthus carthusianorum		0
Dianthus carthusianorum subsp. carthusianorum		0
Dianthus carthusianorum var. alpestre		0
Dianthus carthusianorum var. saxigens		0
Dianthus ciliatus	-	0
Dianthus ciliatus		0
Dianthus ciliatus subsp. ciliatus		0
Dianthus cintranus	-	0
Dianthus cintranus		0
Dianthus cintranus subsp. barbatus		0
Dianthus cintranus subsp. cintranus		0
Dianthus cintranus subsp. multiceps		0

Dianthus collinus	-	0
Dianthus collinus		0
Dianthus collinus subsp. glabriusculus		0
Dianthus crinitus	-	0
Dianthus crinitus		0
Dianthus crinitus var. crinitus		0
Dianthus crinitus var. crossopetalus		0
Dianthus deltoides	-	0
Dianthus deltoides		0
Dianthus deltoides subsp. degenii		0
Dianthus deltoides subsp. deltoides		0
Dianthus elegans	-	0
Dianthus elegans var. actinopetalus		0
Dianthus elegans var. cous		0
Dianthus elegans var. elegans		0
Dianthus erinaceus	-	0
Dianthus erinaceus		0
Dianthus erinaceus var. alpinus		0
Dianthus erinaceus var. erinaceus		0
Dianthus ferrugineus	-	0
Dianthus ferrugineus		0
Dianthus ferrugineus subsp. liburnicus		0
Dianthus fruticosus	-	0
Dianthus fruticosus		0
Dianthus fruticosus subsp. creticus		0
Dianthus fruticosus subsp. sitiacus		0
Dianthus furcatus	-	0
Dianthus furcatus		0
Dianthus furcatus subsp. furcatus		0
Dianthus furcatus subsp. geminiflorus		0
Dianthus giganteiformis	-	0
Dianthus giganteiformis		0
Dianthus giganteiformis subsp. giganteiformis		0
Dianthus giganteiformis subsp. kladovanus		0
Dianthus giganteus	-	0
Dianthus giganteus		0
Dianthus giganteus subsp. banaticus		0

Dianthus giganteus subsp. croaticus	0
Dianthus glacialis	- 0
Dianthus glacialis	0
Dianthus glacialis subsp. gelidus	0
Dianthus gracilis	- 0
Dianthus gracilis	0
Dianthus gracilis subsp. armerioides	0
Dianthus gracilis subsp. frivaldskyanus	0
Dianthus gracilis subsp. gracilis	0
Dianthus haematocalyx	- 0
Dianthus haematocalyx	0
Dianthus haematocalyx subsp. ventricosus	0
Dianthus integer	- 0
Dianthus integer	0
Dianthus integer subsp. minutiflorus	0
Dianthus juniperinus	- 0
Dianthus juniperinus	0
Dianthus juniperinus subsp. heldreichii	0
Dianthus juniperinus subsp. juniperinus	0
Dianthus laricifolius	- 0
Dianthus laricifolius	0
Dianthus laricifolius subsp. merinoi	0
Dianthus leucophaeus	- 0
Dianthus leucophaeus var. leucophaeus	0
Dianthus leucophaeus var. patens	0
Dianthus masmenaeus	- 0
Dianthus masmenaeus var. glabrescens	0
Dianthus masmenaeus var. masmenaeus	0
Dianthus moesiacus	- 0
Dianthus moesiacus	0
Dianthus moesiacus subsp. moesiacus	0
Dianthus monadelphus	- 0
Dianthus monadelphus	0
Dianthus monadelphus subsp. pallens	0
Dianthus monspessulanus	- 0
Dianthus monspessulanus	0

Dianthus monspessulanus subsp. monspessulanus	0
Dianthus myrtinervius	- 0
Dianthus myrtinervius	0
Dianthus myrtinervius subsp. myrtinervius	0
Dianthus pallens	- 0
Dianthus pallens var. oxylepis	0
Dianthus pallens var. pallens	0
Dianthus pelviformis	- 0
Dianthus pelviformis	0
Dianthus pelviformis f. leucolepis	0
Dianthus petraeus	- 0
Dianthus petraeus	0
Dianthus petraeus subsp. kitaibelii	0
Dianthus petraeus subsp. noeanus	0
Dianthus petraeus subsp. orbelicus	0
Dianthus petraeus subsp. petraeus	0
Dianthus kitaibelii subsp. kitaibelii	0
Dianthus pinifolius	- 0
Dianthus pinifolius	0
Dianthus pinifolius subsp. lilacinus	0
Dianthus pinifolius subsp. pinifolius	0
Dianthus pinifolius subsp. rumelicus	0
Dianthus pinifolius subsp. serbicus	0
Dianthus plumarius	- 0
Dianthus plumarius	0
Dianthus plumarius subsp. blandus	0
Dianthus plumarius subsp. neilreichii	0
Dianthus plumarius subsp. pseudopraecox	0
Dianthus plumarius subsp. regis-stephani	0
Dianthus pontederiae	- 0
Dianthus pontederiae	0
Dianthus pontederiae subsp. giganteiformis	0
Dianthus praecox	- 0
Dianthus praecox subsp. lumnitzeri	0
Dianthus praecox subsp. praecox	0
Dianthus pungens	- 0
Dianthus pungens	0
Dianthus pungens subsp. brachyanthus	0

Dianthus pyrenaicus	-	0
Dianthus pyrenaicus		0
Dianthus pyrenaicus subsp. catalaunicus		0
Dianthus pyrenaicus subsp. pyrenaicus		0
Dianthus pyrenaicus subsp. attenuatus		0
Dianthus rupicola	-	0
Dianthus rupicola		0
Dianthus rupicola subsp. aeolicus		0
Dianthus rupicola subsp. rupicola		0
Dianthus seguieri	-	0
Dianthus seguieri		0
Dianthus seguieri subsp. glaber		0
Dianthus seguieri subsp. requienii		0
Dianthus seguieri subsp. seguieri		0
Dianthus serratifolius	-	0
Dianthus serratifolius		0
Dianthus serratifol subsp. abbreviatu		0
Dianthus sternbergii	-	0
Dianthus sternbergii		0
Dianthus sternbergii subsp. sternbergii		0
Dianthus strictus	-	0
Dianthus strictus		0
Dianthus strictus var. axilliflorus		0
Dianthus strictus var. gracilior		0
Dianthus strictus var. strictus		0
Dianthus strictus var. subenervis		0
Dianthus subacaulis	-	0
Dianthus subacaulis		0
Dianthus subacaulis subsp. subacaulis		0
Dianthus superbus	-	0
Dianthus superbus		0
Dianthus superbus subsp. alpestris		0
Dianthus superbus subsp. stenocalyx		0
Dianthus superbus subsp. superbus		0
Dianthus sylvestris	-	0
Dianthus sylvestris		0
Dianthus sylvestris subsp. berticeus		0
Dianthus sylvestris subsp. bertisceus		0

Dianthus sylvestris subsp. longicaulis	0
Dianthus sylvestris subsp. nodosus	0
Dianthus sylvestris subsp. sicularis	0
Dianthus sylvestris subsp. sylvestris	0
Dianthus sylvestris subsp. tergestinus	0
Dianthus sylvestris var. breviculix	0
Dianthus trifasciculatus	- 0
Dianthus trifasciculatus	0
Dianthus trifasciculatus subsp. pseudobarbatus	0
Dianthus trifasciculatus subsp. trifasciculatus	0
Dianthus viscidus	- 0
Dianthus viscidus	0
Dianthus viscidus subsp. viscidus	0
Dianthus zonatus	- 0
Dianthus zonatus	0
Dianthus zonatus var. aristatus	0
Dianthus zonatus var. hypochlorus	0
Dianthus zonatus var. zonatus	0
Dicranella varia	- 0
Dicranella varia	0
Dicranella varia var. varia	0
Dicranodontium denudatum	- 0
Dicranodontium denudatum	0
Dicranodontium denudatum var. denudatum	0
Dicranum flexicaule	- 0
Dicranum flexicaule	0
Dicranum flexicaule f. dentosum	0
Dicranum fuscescens	- 0
Dicranum fuscescens	0
Dicranum fuscescens subsp. congestum	0
Didymodon fallax	- 0
Didymodon fallax	0
Didymodon fallax var. fallax	0
Didymodon ferrugineus	- 0
Didymodon ferrugineus	0
Didymodon ferrugineus var. ferrugineus	0
Digitalis ferruginea	- 0

<i>Digitalis ferruginea</i>	0
<i>Digitalis ferruginea</i> subsp. <i>ferruginea</i>	0
<i>Digitalis ferruginea</i> subsp. <i>schischkinii</i>	0
<i>Digitalis laevigata</i>	- 0
<i>Digitalis laevigata</i>	0
<i>Digitalis laevigata</i> subsp. <i>graeca</i>	0
<i>Digitalis lutea</i>	- 0
<i>Digitalis lutea</i>	0
<i>Digitalis lutea</i> subsp. <i>australis</i>	0
<i>Digitalis lutea</i> subsp. <i>lutea</i>	0
<i>Digitalis obscura</i>	- 0
<i>Digitalis obscura</i>	0
<i>Digitalis obscura</i> subsp. <i>laciniata</i>	0
<i>Digitalis obscura</i> subsp. <i>obscura</i>	0
<i>Digitalis purpurea</i>	- 0
<i>Digitalis purpurea</i>	0
<i>Digitalis purpurea</i> subsp. <i>amandiana</i>	0
<i>Digitalis purpurea</i> subsp. <i>carpetana</i>	0
<i>Digitalis purpurea</i> subsp. <i>mariana</i>	0
<i>Digitalis purpurea</i> subsp. <i>purpurea</i>	0
<i>Digitalis purpurea</i> subsp. <i>purpurea thapsi</i>	0
<i>Digitalis purpurea</i> subsp. <i>purpurea</i> var. <i>purpurea</i>	0
<i>Digitalis purpurea</i> subsp. <i>toletana</i>	0
<i>Digitaria sanguinalis</i>	- 0
<i>Digitaria sanguinalis</i>	0
<i>Digitaria sanguinalis</i> subsp. <i>pectiniformis</i>	0
<i>Digitaria sanguinalis</i> subsp. <i>sanguinalis</i>	0
<i>Dichodontium pellucidum</i>	- 0
<i>Dichodontium pellucidum</i>	0
<i>Dichodontium pellucidum</i> var. <i>pellucidum</i>	0
<i>Diplotaxis eruroides</i>	- 0
<i>Diplotaxis eruroides</i>	0
<i>Diplotaxis eruroides</i> subsp. <i>eruroides</i>	0
<i>Diplotaxis harra</i>	- 0
<i>Diplotaxis harra</i>	0
<i>Diplotaxis harra</i> subsp. <i>crassifolia</i>	0
<i>Diplotaxis harra</i> subsp. <i>lagascana</i>	0
<i>Diplotaxis virgata</i>	- 0

Diploaxis virgata	0
Diploaxis virgata var. virgata	0
Ditrichum flexicaule	- 0
Ditrichum flexicaule	0
Ditrichum flexicaule var. densum	0
Ditrichum flexicaule var. flexicaule	0
Ditrichum flexicaule var. longifolium	0
Ditrichum heteromallum	- 0
Ditrichum heteromallum	0
Ditrichum heteromallum var. zonatum	0
Dittrichia viscosa	- 0
Dittrichia viscosa	0
Dittrichia viscosa subsp. revoluta	0
Dittrichia viscosa subsp. viscosa	0
Doronicum carpetanum	- 0
Doronicum carpetanum	0
Doronicum carpetanum subsp. kuepferi	0
Doronicum carpetanum subsp. pubescens	0
Doronicum clusii	- 0
Doronicum clusii	0
Doronicum clusii subsp. villosum	0
Doronicum glaciale	- 0
Doronicum glaciale	0
Doronicum glaciale subsp. calcareum	0
Doronicum grandiflorum	- 0
Doronicum grandiflorum	0
Doronicum grandiflorum subsp. braunblanqu	0
Doronicum plantagineum subsp. plantagineum	0
Dorycnium herbaceum	- 0
Dorycnium herbaceum subsp. macedonicum	0
Dorycnium herbaceum var. macedonicum	0
Dorycnium pentaphyllum	- 0
Dorycnium pentaphyllum	0
Dorycnium pentaphyllum subsp. anatolicum	0
Dorycnium pentaphyllum subsp. germanicum	0
Dorycnium pentaphyllum subsp. gracile	0
Dorycnium pentaphyllum subsp. haussknechtii	0
Dorycnium pentaphyllum subsp. herbaceum	0



Dorycnium pentaphyllum subsp. pentaphyllum	0
Dorycnium rectum	- 0
Dorycnium rectum	0
Dorycnium rectum Ser.	0
Draba aizoides	- 0
Draba aizoides	0
Draba aizoides subsp. aizoides	0
Draba aizoides subsp. beckeri	0
Draba aizoides subsp. esteveii	0
Draba cantabriana	0
Draba bruniifolia	- 0
Draba bruniifolia	0
Draba bruniifolia subsp. armeniaca	0
Draba bruniifolia subsp. bruniifolia	0
Draba bruniifolia subsp. heterocoma var. heterocoma	0
Draba bruniifolia subsp. heterocoma var. nana	0
Draba bruniifolia subsp. kurdica	0
Draba bruniifolia subsp. olympica	0
Draba dubia	- 0
Draba dubia	0
Draba dubia subsp. laevipes	0
Draba hispanica	- 0
Draba hispanica	0
Draba hispanica subsp. lebrunii	0
Draba lasiocarpa	- 0
Draba lasiocarpa	0
Draba lasiocarpa subsp. dolichostyla	0
Draba lasiocarpa subsp. klasterskyi	0
Draba lasiocarpa subsp. lasiocarpa	0
Draba rigida	- 0
Draba rigida var. bryoides	0
Draba rigida var. rigida	0
Draba verna aggr.	- 0
Draba verna	0
Erophila verna aggr.	0
Draba macrocarpa	0
Draba praecox	0
Draba verna subsp. spathulata	0
Draba verna subsp. verna	0

Drepanocladus aduncus	-	0
Drepanocladus aduncus		0
Drepanocladus aduncus var. aduncus		0
Drepanocladus aduncus var. kneiffii		0
Drepanocladus aduncus var. polycarpus		0
Drepanocladus aduncus var. pungens		0
Drepanocladus exannulatus	-	0
Drepanocladus exannulatus var. alpinus		0
Drepanocladus exannulatus var. serratus		0
Drepanocladus revolvens	-	0
Drepanocladus revolvens var. intermedium		0
Drepanocladus revolvens var. intermedius		0
Drepanocladus revolvens var. revolvens		0
Drimia maritima	-	0
Drimia maritima		0
Drimia maritima subsp. hesperia		0
Dryas octopetala	-	0
Dryas octopetala		0
Dryas octopetala subsp. octopetala		0
Drymocallis corsica	-	0
Potentilla rupestris subsp. corsica		0
Dryopteris affinis	-	0
Dryopteris affinis		0
Dryopteris affinis subsp. affinis		0
Dryopteris affinis subsp. coriacea		0
Dryopteris affinis subsp. stilluppensis		0
Dryopteris borreri		0
Dryopteris carthusiana	-	0
Dryopteris carthusiana		0
Dryopteris carthusiana subsp. assimilis		0
Dryopteris filix-mas	-	0
Dryopteris filix-mas		0
Dryopteris filix-mas f. incisa		0
Dryopteris filix-mas subsp. filix-mas		0
Dryopteris filix-mas var. affinus		0
Dryopteris filix-mas gr.		0
Dryopteris intermedia	-	0

Dryopteris intermedia subsp. azorica	0
Dryopteris intermedia subsp. maderensis	0
Dryopteris pallida	- 0
Dryopteris pallida	0
Dryopteris pallida subsp. pallida	0
Dryopteris villarii	- 0
Dryopteris villarii	0
Dryopteris villarii subsp. villarii	0
Drypis spinosa	- 0
Drypis spinosa	0
Drypis spinosa subsp. jacquiniana	0
Drypis spinosa subsp. spinosa	0
Edraianthus graminifolius	- 0
Edraianthus graminifolius	0
Edraianthus graminifolius subsp. graminifolius	0
Edraianthus graminifolius subsp. siculus	0
Edraianthus serpyllifolius	- 0
Edraianthus serpyllifolius	0
Edraianthus serpyllifolius subsp. pilosulus	0
Echinochloa crus-galli	- 0
Echinochloa crus-galli	0
Echinochloa crus-galli subsp. hispidula	0
Echinochloa crus-galli var. longisetum	0
Echinophora tenuifolia	- 0
Echinophora tenuifolia	0
Echinophora tenuifolia subsp. sibthorpiana	0
Echinophora tenuifolia subsp. tenuifolia	0
Echinops pungens	- 0
Echinops pungens var. adenocladus	0
Echinops pungens var. pungens	0
Echinops ritro	- 0
Echinops ritro	0
Echinops ritro subsp. meyeri	0
Echinops ritro subsp. ritro	0
Echinops ritro subsp. ruthenicus	0
Echinops ritro subsp. sartorianus	0
Echinops ritro subsp. siculus	0
Echinops ritro subsp. thracicus	0

Echinops sphaerocephalus	-	0
Echinops sphaerocephalus		0
Echinops sphaerocephalus subsp. albidus		0
Echinops sphaerocephalus subsp. sphaerocephalus		0
Echinops spinosissimus	-	0
Echinops spinosissimus		0
Echinops spinosissi subsp. bithynicus		0
Echinops spinosissi subsp. spinosissi		0
Echinopartum ibericum	-	0
Echinopartum ibericum		0
Echinopartum ibericum subsp. pulviniformis		0
Echinopartum lusitanicum	-	0
Echinopartum lusitanicum		0
Echinopartum lusitanicum subsp. barnadesii		0
Echium albicans	-	0
Echium albicans		0
Echium albicans subsp. albicans		0
Echium albicans subsp. fruticescens		0
Echium creticum	-	0
Echium creticum		0
Echium creticum subsp. creticum		0
Echium creticum subsp. granatense		0
Echium decaisnei	-	0
Echium decaisnei		0
Echium decaisnei subsp. purpuriense		0
Echium italicum	-	0
Echium italicum		0
Echium italicum subsp. biebersteinii		0
Echium italicum subsp. italicum		0
Echium italicum subsp. siculum		0
Echium lancerottense	-	0
Echium lancerottense		0
Echium lancerottense var. macrantha		0
Echium lusitanicum	-	0
Echium lusitanicum		0
Echium lusitanicum subsp. polycaulon		0

Echium rosulatum	-	0
Echium rosulatum		0
Echium rosulatum subsp. rosulatum		0
Echium vulgare	-	0
Echium vulgare		0
Echium vulgare subsp. pustulatum		0
Echium wildpretii	-	0
Echium wildpretii		0
Echium wildpretii subsp. tricosiphon		0
Elaeagnus angustifolia	-	0
Elaeagnus oxycarpa		0
Elaeoselinum asclepium	-	0
Elaeoselinum asclepium		0
Elaeoselinum asclepium subsp. asclepium		0
Elatine hexandra	-	0
Elatine hexandra		0
Elatine hexandra subsp. brochoni		0
Eleocharis mamillata	-	0
Eleocharis mamillata		0
Eleocharis mamillata subsp. austriaca		0
Eleocharis palustris	-	0
Eleocharis palustris aggr.		0
Eleocharis palustris s.l.		0
Eleocharis uniglumis	-	0
Eleocharis uniglumis		0
Eleocharis uniglumis subsp. sternerii		0
Elymus caninus	-	0
Elymus caninus		0
Elymus caninus subsp. caninus		0
Elymus nodosus	-	0
Elymus nodosus subsp. corsicus		0
Elymus nodosus subsp. nodosus		0
Elymus reflexiaristatus	-	0
Elymus reflexiaristatus		0
Elymus reflexiaristatus subsp. strigosus		0

Elymus uralensis	-	0
Elymus uralensis		0
Elymus uralensis subsp. viridiglumis		0
Elytrigia elongata	-	0
Elytrigia elongata		0
Elytrigia elongata subsp. elongata		0
Elytrigia intermedia	-	0
Elytrigia intermedia		0
Elytrigia intermedia subsp. intermedia		0
Elytrigia intermedia subsp. trichophora		0
Elytrigia juncea	-	0
Elytrigia juncea		0
Elytrigia juncea subsp. boreoatlantica		0
Elytrigia juncea subsp. juncea		0
Elytrigia obtusiflora	-	0
Elytrigia obtusiflora		0
Elytrigia obtusiflora subsp. graeca		0
Elytrigia pungens	-	0
Elytrigia pungens		0
Elytrigia pungens subsp. fontquerii		0
Elytrigia repens	-	0
Elytrigia repens		0
Elytrigia repens subsp. arenosa		0
Elytrigia repens subsp. elongatiformis		0
Elytrigia repens subsp. pseudocaesia		0
Elytrigia repens subsp. repens		0
Elytrigia repens x juncea subsp. borealiatlantica		0
Elytrigia arenosa		0
Empetrum nigrum aggr.	-	0
Empetrum caucasicum		0
Empetrum nigrum		0
Empetrum nigrum subsp. nigrum		0
Empetrum hermaphroditum		0
Empetrum subholarcticum		0
Entodon cladorrhizans	-	0
Entodon cladorrhizans		0
Entodon cladorrhizans subsp. schleicheri		0
Ephedra distachya	-	0

Ephedra distachya	0
Ephedra distachya subsp. distachya	0
Ephedra distachya subsp. helvetica	0
Ephedra major	- 0
Ephedra major	0
Ephedra major subsp. major	0
Ephemerum serratum	- 0
Ephemerum serratum	0
Ephemerum serratum var. minutissimum	0
Epilobium ciliatum	- 0
Epilobium ciliatum	0
Epilobium ciliatum subsp. adenocaulon	0
Epilobium hirsutum	- 0
Epilobium hirsutum	0
Epilobium hirsutum var. villosum	0
Epilobium montanum	- 0
Epilobium montanum	0
Epilobium montanum f. nanum	0
Epilobium roseum	- 0
Epilobium roseum	0
Epilobium roseum subsp. roseum	0
Epilobium roseum subsp. subsessile	0
Epilobium tetragonum	- 0
Epilobium tetragonum	0
Epilobium tetragonum aggr.	0
Epilobium tetragonum subsp. lamyi	0
Epilobium tetragonum subsp. tetragonum	0
Epilobium tetragonum subsp. tournefortii	0
Epipactis atrorubens	- 0
Epipactis atrorubens	0
Epipactis atrorubens subsp. atrorubens	0
Epipactis helleborine	- 0
Epipactis helleborine	0
Epipactis helleborine subsp. helleborine	0
Epipactis helleborine subsp. tremolsii	0
Epipactis leptochila	- 0
Epipactis leptochila	0

Epipactis leptochila subsp. aspromontana	0
Epipactis leptochila var. leptochila	0
Equisetum arvense	- 0
Equisetum arvense	0
Equisetum arvense subsp. arvense	0
Equisetum arvense subsp. boreale	0
Equisetum ramosissimum	- 0
Equisetum ramosissimum	0
Equisetum ramosissimum subsp. ramosissimum	0
Equisetum telmateia	- 0
Equisetum telmateia	0
Equisetum telmateia f. serotinum	0
Eragrostis cilianensis	- 0
Eragrostis cilianensis	0
Eragrostis cilianensis subsp. cilianensis	0
Eragrostis pilosa	- 0
Eragrostis pilosa	0
Eragrostis pilosa subsp. multicaulis	0
Eremopoa altaica	- 0
Eremopoa altaica	0
Eremopoa altaica subsp. songarica	0
Eremopoa altaica subsp. songorica	0
Erica australis	- 0
Erica australis	0
Erica australis subsp. aragonensis	0
Erica carnea	- 0
Erica carnea	0
Erica carnea subsp. carnea	0
Erica mackaiana	- 0
Erica mackaiana	0
Erica mackaiana subsp. andevalensis	0
Erica scoparia	- 0
Erica azorica	0
Erica platycodon subsp. maderincola	0
Erica scoparia	0
Erica scoparia subsp. platycodon	0
Erica scoparia subsp. scoparia	0



Erigeron acris	-	0
Erigeron acris		0
Erigeron acris subsp. angulosus		0
Erigeron acris subsp. brachycephalus		0
Erigeron acris subsp. droebachiensis		0
Erigeron acris subsp. podolicus		0
Erigeron acris subsp. serotinus		0
Erigeron acer subsp. acer		0
Erigeron acer subsp. angulosus		0
Erigeron acer subsp. droebachensis		0
Erigeron acer subsp. macrophyllus		0
Erigeron acer subsp. politus		0
Erigeron alpinus	-	0
Erigeron alpinus		0
Erigeron alpinus subsp. alpinus		0
Erigeron alpinus subsp. alpinus var. alpinus		0
Erigeron alpinus subsp. intermedius		0
Erigeron annuus	-	0
Erigeron annuus		0
Erigeron annuus subsp. annuus		0
Erigeron annuus subsp. septentrionalis		0
Erigeron glabratus	-	0
Erigeron glabratus		0
Erigeron glabratus subsp. candidus		0
Erigeron uniflorus	-	0
Erigeron uniflorus		0
Erigeron uniflorus subsp. aragonensis		0
Erigeron uniflorus subsp. uniflorus		0
Erigeron uniflorus subsp. vichrensis		0
Eritrichium nanum	-	0
Eritrichium nanum		0
Eritrichium nanum subsp. pustulatum		0
Erodium absinthoides	-	0
Erodium absinthoides		0
Erodium absinthoides subsp. armenum		0
Erodium absinthoides subsp. haradjianii		0
Erodium absinthoides subsp. latifolium		0
Erodium cedrorum	-	0
Erodium cedrorum subsp. cedrorum		0

<i>Erodium cedrorum</i> subsp. <i>salmoneum</i>	0
<i>Erodium cicutarium</i>	- 0
<i>Erodium cicutarium</i>	0
<i>Erodium cicutarium</i> aggr.	0
<i>Erodium cicutarium</i> subsp. <i>cuticarium</i>	0
<i>Erodium foetidum</i>	- 0
<i>Erodium foetidum</i>	0
<i>Erodium foetidum</i> subsp. <i>celtibericum</i>	0
<i>Erodium foetidum</i> subsp. <i>cheilanthifolium</i>	0
<i>Erodium chium</i>	- 0
<i>Erodium chium</i>	0
<i>Erodium chium</i> subsp. <i>chium</i>	0
<i>Erodium laciniatum</i>	- 0
<i>Erodium laciniatum</i>	0
<i>Erodium laciniatum</i> subsp. <i>laciniatum</i>	0
<i>Erophaca baetica</i>	- 0
<i>Erophaca baetica</i> subsp. <i>baetica</i>	0
<i>Erophaca baetica</i> subsp. <i>orientalis</i>	0
<i>Erucastrum nasturtiifolium</i>	- 0
<i>Erucastrum nasturtiifolium</i>	0
<i>Erucastrum nasturtiifolium</i> subsp. <i>nasturtiifolium</i>	0
<i>Erucastrum nasturtiifolium</i> subsp. <i>sudrei</i>	0
<i>Erucastrum virgatum</i>	- 0
<i>Erucastrum virgatum</i>	0
<i>Erucastrum virgatum</i> subsp. <i>baeticum</i>	0
<i>Erucastrum virgatum</i> subsp. <i>brachycarpum</i>	0
<i>Erucastrum virgatum</i> subsp. <i>virgatum</i>	0
<i>Eryngium amethystinum</i>	- 0
<i>Eryngium amethystinum</i>	0
<i>Eryngium amethystinum</i> var. <i>tenuifolium</i>	0
<i>Eryngium amethystinum</i>	0
<i>Eryngium campestre</i>	- 0
<i>Eryngium campestre</i>	0
<i>Eryngium campestre</i> var. <i>campestre</i>	0
<i>Eryngium campestre</i> var. <i>virens</i>	0
<i>Eryngium duriaei</i>	- 0
<i>Eryngium duriaei</i>	0

Eryngium duriaei subsp. duriaei	0
Eryngium tricuspdatum	- 0
Eryngium tricuspdatum	0
Eryngium tricuspdatum subsp. bocconeii	0
Erysimum candicum	- 0
Erysimum candicum	0
Erysimum candicum subsp. candicum	0
Erysimum duriaei	- 0
Erysimum duriaei	0
Erysimum duriaei subsp. gorbeanum	0
Erysimum cheiranthoides	- 0
Erysimum cheiranthoides	0
Erysimum cheiranthoides f. angustifolia	0
Erysimum incanum	- 0
Erysimum incanum	0
Erysimum incanum subsp. aurigeranum	0
Erysimum incanum subsp. mairei	0
Erysimum nevadense aggr.	- 0
Erysimum nevadense	0
Erysimum nevadense subsp. collisparsum	0
Erysimum nevadense subsp. mediodispanicum	0
Erysimum nevadense subsp. merxmuelleri	0
Erysimum nevadense subsp. ronday	0
Erysimum ruscinonense	0
Erysimum gomez-campoi	0
Erysimum medio-hispanicum	0
Erysimum merxmuelleri	0
Erysimum ronday	0
Erysimum odoratum	- 0
Erysimum odoratum	0
Erysimum odoratum subsp. buekkense	0
Erysimum pusillum	- 0
Erysimum pusillum	0
Erysimum pusillum subsp. cephalonicum	0
Erysimum pusillum subsp. microstylum	0
Erysimum sylvestre	- 0
Erysimum sylvestre	0
Erysimum sylvestre subsp. sylvestre	0

<i>Erysimum pycnophyllum</i>	-	0
<i>Erysimum thyrsoideum</i> subsp. <i>ponticum</i>		0
<i>Erysimum thyrsoideum</i> subsp. <i>thyrsoideum</i>		0
<i>Erysimum witmannii</i>	-	0
<i>Erysimum witmannii</i>		0
<i>Erysimum witmannii</i> subsp. <i>transsilvanicum</i>		0
<i>Erysimum witmannii</i> subsp. <i>witmannii</i>		0
<i>Eucalyptus globulus</i>	-	0
<i>Eucalyptus globulus</i>		0
<i>Eucalyptus globulus</i> subsp. <i>globulus</i>		0
<i>Eucladium verticillatum</i>	-	0
<i>Eucladium verticillatum</i>		0
<i>Eucladium verticillatum</i> var. <i>verticillatum</i>		0
<i>Euonymus latifolius</i>	-	0
<i>Euonymus latifolius</i>		0
<i>Euonymus latifolius</i> subsp. <i>cauconis</i>		0
<i>Euonymus latifolius</i> subsp. <i>latifolius</i>		0
<i>Eupatorium cannabinum</i>	-	0
<i>Eupatorium cannabinum</i>		0
<i>Eupatorium cannabinum</i> subsp. <i>cannabinum</i>		0
<i>Eupatorium cannabinum</i> subsp. <i>corsicum</i>		0
<i>Euphorbia amygdaloides</i>	-	0
<i>Euphorbia amygdaloides</i>		0
<i>Euphorbia amygdaloides</i> subsp. <i>amygdaloides</i>		0
<i>Euphorbia amygdaloides</i> subsp. <i>amygdaloides</i> var. <i>am</i>		0
<i>Euphorbia amygdaloides</i> subsp. <i>arbuscula</i>		0
<i>Euphorbia amygdaloides</i> subsp. <i>heldreichii</i>		0
<i>Euphorbia barrelieri</i>	-	0
<i>Euphorbia barrelieri</i>		0
<i>Euphorbia barrelieri</i> subsp. <i>hercegovina</i>		0
<i>Euphorbia barrelieri</i> subsp. <i>tessala</i>		0
<i>Euphorbia barrelieri</i> subsp. <i>thessala</i>		0
<i>Euphorbia bivonae</i>	-	0
<i>Euphorbia bivonae</i>		0
<i>Euphorbia bivonae</i> subsp. <i>bivonae</i>		0
<i>Euphorbia dulcis</i>	-	0
<i>Euphorbia dulcis</i>		0

Euphorbia dulcis subsp. dulcis	0
Euphorbia epithymoides	- 0
Euphorbia epithymoides	0
Euphorbia epithymoides subsp. mariolensis	0
Euphorbia esula	- 0
Euphorbia esula	0
Euphorbia esula subsp. esula	0
Euphorbia esula subsp. tommasiniana	0
Euphorbia exigua	- 0
Euphorbia exigua	0
Euphorbia exigua subsp. exigua	0
Euphorbia exigua subsp. merinoi	0
Euphorbia falcata	- 0
Euphorbia falcata	0
Euphorbia falcata f. rubra	0
Euphorbia falcata subsp. falcata	0
Euphorbia falcata subsp. macrostegia	0
Euphorbia falcata var. cornuta	0
Euphorbia falcata var. galilaea	0
Euphorbia flavicoma	- 0
Euphorbia flavicoma	0
Euphorbia flavicoma subsp. costeana	0
Euphorbia flavicoma subsp. flavicoma	0
Euphorbia flavicoma subsp. occidentalis	0
Euphorbia flavicoma subsp. verrucosa	0
Euphorbia glabriflora	- 0
Euphorbia glabriflora	0
Euphorbia glabriflora subsp. glabriflora	0
Euphorbia helioscopia	- 0
Euphorbia helioscopia	0
Euphorbia helioscopia subsp. helioscopia	0
Euphorbia herniariifolia	- 0
Euphorbia herniariifolia	0
Euphorbia herniariifolia var. glaberrima	0
Euphorbia hyberna	- 0
Euphorbia hyberna	0
Euphorbia hyberna subsp. canuti	0
Euphorbia hyberna subsp. hyberna	0

<i>Euphorbia hyberna</i> subsp. <i>insularis</i>	0
<i>Euphorbia characias</i>	- 0
<i>Euphorbia characias</i>	0
<i>Euphorbia characias</i> f. <i>maritima</i>	0
<i>Euphorbia characias</i> subsp. <i>characias</i>	0
<i>Euphorbia characias</i> subsp. <i>wulfenii</i>	0
<i>Euphorbia lamarckii</i>	- 0
<i>Euphorbia lamarckii</i>	0
<i>Euphorbia lamarckii</i> subsp. <i>wildpretii</i>	0
<i>Euphorbia maresii</i>	- 0
<i>Euphorbia maresii</i>	0
<i>Euphorbia maresii</i> subsp. <i>balearica</i>	0
<i>Euphorbia myrsinites</i>	- 0
<i>Euphorbia myrsinites</i>	0
<i>Euphorbia myrsinites</i> subsp. <i>myrsinites</i>	0
<i>Euphorbia myrsinites</i> subsp. <i>rechingeri</i>	0
<i>Euphorbia nicaeensis</i>	- 0
<i>Euphorbia nicaeensis</i>	0
<i>Euphorbia nicaeensis</i> subsp. <i>cadrilateri</i>	0
<i>Euphorbia nicaeensis</i> subsp. <i>dobrogensis</i>	0
<i>Euphorbia nicaeensis</i> subsp. <i>glareosa</i>	0
<i>Euphorbia nicaeensis</i> subsp. <i>japygica</i>	0
<i>Euphorbia nicaeensis</i> subsp. <i>nicaeensis</i>	0
<i>Euphorbia nicaeensis</i> subsp. <i>prostrata</i>	0
<i>Euphorbia nicaeensis</i> subsp. <i>stepposa</i>	0
<i>Euphorbia nicaeensis</i> subsp. <i>glareosa</i> var. <i>panonica</i>	0
<i>Euphorbia nicaeensis</i> subsp. <i>nicaeensis</i>	0
<i>Euphorbia peplus</i>	- 0
<i>Euphorbia peplus</i>	0
<i>Euphorbia peplus</i> var. <i>minima</i>	0
<i>Euphorbia phymatosperma</i>	- 0
<i>Euphorbia phymatosperma</i> subsp. <i>cernua</i>	0
<i>Euphorbia phymatosperma</i> subsp. <i>phymatosperma</i>	0
<i>Euphorbia pithyusa</i>	- 0
<i>Euphorbia pithyusa</i>	0
<i>Euphorbia pithyusa</i> subsp. <i>cupanii</i>	0
<i>Euphorbia pithyusa</i> subsp. <i>pithyusa</i>	0
<i>Euphorbia platyphyllos</i>	- 0

Euphorbia platyphyllos	0
Euphorbia platyphyllos subsp. platyphyllos	0
Euphorbia polygalifolia	- 0
Euphorbia polygalifolia	0
Euphorbia polygalifolia subsp. polygalifo	0
Euphorbia segetalis	- 0
Euphorbia segetalis	0
Euphorbia segetalis subsp. segetalis	0
Euphorbia segetalis var. pinea	0
Euphorbia seguieriana	- 0
Euphorbia seguieriana	0
Euphorbia seguieriana subsp. niciciana	0
Euphorbia seguierana subsp. niciciana	0
Euphorbia seguierana subsp. seguierana	0
Euphorbia spinosa	- 0
Euphorbia spinosa	0
Euphorbia spinosa subsp. ligustica	0
Euphorbia spinosa subsp. spinosa	0
Euphorbia triflora	- 0
Euphorbia triflora	0
Euphorbia triflora subsp. kernerii	0
Euphorbia variabilis	- 0
Euphorbia variabilis	0
Euphorbia variabilis subsp. valliniana	0
Euphrasia alpina	- 0
Euphrasia alpina	0
Euphrasia alpina subsp. cantabrica	0
Euphrasia arctica	- 0
Euphrasia arctica	0
Euphrasia arctica subsp. borealis	0
Euphrasia arctica subsp. tenuis	0
Euphrasia minima	- 0
Euphrasia minima	0
Euphrasia minima subsp. minima	0
Euphrasia minima subsp. tatrae	0
Euphrasia minima aggr.	0
Euphrasia picta	- 0

Euphrasia picta	0
Euphrasia picta subsp. picta	0
Euphrasia rostkoviana	- 0
Euphrasia rostkoviana	0
Euphrasia rostkoviana subsp. campestris	0
Euphrasia rostkoviana subsp. fennica	0
Euphrasia rostkoviana subsp. montana	0
Euphrasia rostkoviana subsp. rostkoviana	0
Euphrasia tricuspidata	- 0
Euphrasia tricuspidata	0
Euphrasia tricuspidata subsp. tricuspidata	0
Eurhynchiastrum pulchellum	- 0
Eurhynchiastrum pulchellum	0
Eurhynchiastrum pulchellum var. praecox	0
Eurhynchium hians	- 0
Eurhynchium hians var. hians	0
Eurhynchium hians var. hians x swartzii	0
Eurhynchium hians var. rigidulum	0
Eurhynchium hians var. rigidum	0
Eurhynchium hians var. swartzii	0
Eurhynchium praelongum	- 0
Eurhynchium praelongum subsp. praelongum	0
Eurhynchium praelongum subsp. stokesii	0
Eurhynchium praelongum var. praelongum	0
Eurhynchium praelongum var. stokesii	0
Eurhynchium pulchellum	- 0
Eurhynchium pulchellum var. diversifolium	0
Eurhynchium pulchellum var. praecox	0
Eurhynchium pulchellum var. pulchellum	0
Eurhynchium striatum	- 0
Eurhynchium striatum	0
Eurhynchium striatum subsp. striatum	0
Eurhynchium striatum subsp. zetterstedtii	0
Eurhynchium swartzii	- 0
Eurhynchium swartzii	0
Eurhynchium swartzii var. atrovirens	0
Ferula communis	- 0
Ferula communis	0



Ferula communis subsp. catalaunica	0
Ferula communis subsp. communis	0
Ferula glauca	0
Ferulago sylvatica	- 0
Ferulago sylvatica	0
Ferulago sylvatica subsp. confusa	0
Ferulago sylvatica var. commutata	0
Ferulago sylvatica var. monticola	0
Festuca airoides	- 0
Festuca ovina subsp. supina	0
Festuca alfrediana	- 0
Festuca alfrediana	0
Festuca alfrediana subsp. alfrediana	0
Festuca alpina	- 0
Festuca alpina	0
Festuca alpina subsp. briquetii	0
Festuca amethystina	- 0
Festuca amethystina	0
Festuca amethystina subsp. amethystina	0
Festuca amethystina subsp. orientalis	0
Festuca amethystina subsp. ritschlii	0
Festuca amethystina var. mutica	0
Festuca ampla	- 0
Festuca ampla	0
Festuca ampla subsp. ampla	0
Festuca ampla subsp. simplex	0
Festuca arundinacea	- 0
Festuca arundinacea subsp. corsica	0
Festuca arundinacea subsp. mediterranea	0
Festuca balcanica	- 0
Festuca balcanica	0
Festuca balcanica subsp. balcanica	0
Festuca beckeri	- 0
Festuca beckeri	0
Festuca beckeri subsp. beckeri	0
Festuca bosniaca	- 0
Festuca bosniaca	0

Festuca bosniaca subsp. bosniaca	0
Festuca dalmatica	- 0
Festuca dalmatica	0
Festuca dalmatica subsp. eudalmatica	0
Festuca duriuscula	- 0
Festuca duriuscula	0
Festuca duriuscula subsp. duriuscula	0
Festuca duriuscula var. litardieri	0
Festuca elegans	- 0
Festuca elegans	0
Festuca elegans subsp. merinoi	0
Festuca filiformis	- 0
Festuca ovina var. capillata	0
Festuca ovina var. tenuifolia	0
Festuca gautieri	- 0
Festuca gautieri	0
Festuca gautieri subsp. gautieri	0
Festuca heterophylla	- 0
Festuca heterophylla	0
Festuca heterophylla subsp. braun-blanque	0
Festuca heterophylla subsp. braun-blanquetii	0
Festuca iberica	- 0
Festuca iberica	0
Festuca iberica subsp. yvesiana	0
Festuca indigesta	- 0
Festuca indigesta	0
Festuca indigesta subsp. alleizettei	0
Festuca indigesta subsp. aragonensis	0
Festuca indigesta subsp. curvifolia	0
Festuca indigesta subsp. hackelii	0
Festuca indigesta subsp. indigesta	0
Festuca jeanpertii	- 0
Festuca jeanpertii	0
Festuca jeanpertii subsp. achaica	0
Festuca jeanpertii subsp. jeanpertii	0
Festuca laevigata	- 0
Festuca laevigata	0

Festuca laevigata subsp. crassifolia	0
Festuca curvula subsp. curvula	0
Festuca longifolia	- 0
Festuca longifolia	0
Festuca longifolia subsp. pseudocostei	0
Festuca nigrescens	- 0
Festuca nigrescens	0
Festuca nigrescens subsp. nigrescens	0
Festuca nitida	- 0
Festuca nitida	0
Festuca nitida subsp. flaccida	0
Festuca ochroleuca	- 0
Festuca ochroleuca	0
Festuca ochroleuca subsp. ochroleuca	0
Festuca ovina	- 0
Festuca ovina	0
Festuca ovina subsp. guestfalica	0
Festuca ovina subsp. hirtula	0
Festuca ovina subsp. molinieri	0
Festuca ovina subsp. ovina	0
Festuca ovina subsp. ovina var. ovina	0
Festuca ovina subsp. sudetica	0
Festuca ovina var. duriuscula	0
Festuca ovina (dood)	0
Festuca ovina aggr.	0
Festuca ovina/rubra (vegetative)	0
Festuca lemanii	0
Festuca lemanii auct.	0
Festuca pallens	- 0
Festuca pallens	0
Festuca pallens subsp. pallens	0
Festuca pallens subsp. treskana	0
Festuca pinifolia	- 0
Festuca pinifolia var. phrygia	0
Festuca pinifolia var. pinifolia	0
Festuca psammophila	- 0
Festuca psammophila	0
Festuca psammophila subsp. dominii	0

<i>Festuca rivas-martinezii</i>	-	0
<i>Festuca rivas-martinezii</i>		0
<i>Festuca rectifolia</i>		0
<i>Festuca rivas-martinezii</i> subsp. <i>rivas-martinezii</i>		0
<i>Festuca rubra</i>	-	0
<i>Festuca rubra</i>		0
<i>Festuca rubra</i> subsp. <i>arenaria</i> x <i>arenaria</i>		0
<i>Festuca rubra</i> subsp. <i>arenaria</i> x <i>oraria</i>		0
<i>Festuca rubra</i> subsp. <i>heterophylla</i>		0
<i>Festuca rubra</i> subsp. <i>juncea</i>		0
<i>Festuca rubra</i> subsp. <i>litoralis</i>		0
<i>Festuca rubra</i> subsp. <i>microphylla</i>		0
<i>Festuca rubra</i> subsp. <i>pruinosa</i>		0
<i>Festuca rubra</i> subsp. <i>rubra</i>		0
<i>Festuca rubra</i> subsp. <i>rubra</i> var. <i>rubra</i>		0
<i>Festuca rubra</i> subsp. <i>thessalica</i>		0
<i>Festuca rubra</i> subsp. <i>yvesiana</i>		0
<i>Festuca</i> gr. <i>rubra</i>		0
<i>Festuca rubra</i> aggr.		0
<i>Festuca arenaria</i>		0
<i>Festuca rubra</i> v. <i>juncea</i>		0
<i>Festuca rubra</i> var. <i>juncea</i>		0
<i>Festuca spectabilis</i>	-	0
<i>Festuca spectabilis</i> subsp. <i>affinis</i>		0
<i>Festuca spectabilis</i> subsp. <i>spectabilis</i>		0
<i>Festuca stricta</i> subsp. <i>stricta</i>	-	0
<i>Festuca stricta</i>		0
<i>Festuca stricta</i> subsp. <i>carnuntina</i>		0
<i>Festuca stricta</i> subsp. <i>rumelica</i>		0
<i>Festuca stricta</i> subsp. <i>sulcata</i>	-	0
<i>Festuca stricta</i> subsp. <i>sulcata</i>		0
<i>Festuca rupicola</i>		0
<i>Festuca stricta</i> subsp. <i>saxatilis</i>		0
<i>Festuca thracica</i>	-	0
<i>Festuca thracica</i>		0
<i>Festuca thracica</i> subsp. <i>violaceo-sordida</i>		0
<i>Festuca trichophylla</i>	-	0
<i>Festuca trichophylla</i>		0
<i>Festuca trichophylla</i> subsp. <i>asperifolia</i>		0
<i>Festuca valesiaca</i>	-	0

Festuca valesiaca	0
Festuca valesiaca subsp. parviflora	0
Festuca valesiaca subsp. valesiaca	0
Festuca valesiaca aggr.	0
Festuca valida	- 0
Festuca valida	0
Festuca valida subsp. valida	0
Festuca varia	- 0
Festuca varia	0
Festuca varia subsp. eu-varia	0
Festuca varia subsp. varia var. adamovicii	0
Festuca versicolor	- 0
Festuca versicolor	0
Festuca versicolor subsp. brachystachys	0
Festuca versicolor subsp. pallidula	0
Festuca versicolor subsp. versicolor	0
Festuca violacea	- 0
Festuca violacea	0
Festuca violacea subsp. euviolacea	0
Festuca violacea subsp. macrathera	0
Festuca violacea subsp. macranthera	0
Festuca violacea subsp. puccinellii	0
Festuca violacea subsp. violacea	0
Festuca violacea subsp. violacea var. violacea	0
Festuca violacea var. nigricans	0
Fibigia clypeata	- 0
Fibigia clypeata	0
Fibigia clypeata subsp. eriocarpa	0
Ficaria verna	- 0
Ficaria verna	0
Ficaria verna subsp. chrysocephala	0
Ficaria verna subsp. ficariiformis	0
Ficaria verna subsp. verna	0
Ficaria calthifolia	0
Ficaria ficarioides	0
Ficus carica	- 0
Ficus carica	0
Ficus carica subsp. carica	0
Filago aegaea	- 0

Filago aegaea	0
Filago aegaea subsp. aegaea	0
Filago aegaea subsp. aristata	0
Filago cretensis	- 0
Filago cretensis	0
Filago cretensis subsp. cretensis	0
Filago cretensis subsp. cycladum	0
Filago minima	- 0
Filago minima	0
Filago minima var. eriocephala	0
Filipendula ulmaria	- 0
Filipendula ulmaria	0
Filipendula ulmaria subsp. nivea	0
Filipendula ulmaria subsp. picbaueri	0
Filipendula ulmaria subsp. ulmaria	0
Fissidens incurvus	- 0
Fissidens incurvus	0
Fissidens incurvus var. inconstans	0
Fissidens taxifolius	- 0
Fissidens taxifolius	0
Fissidens taxifolius subsp. pallidicaulis	0
Fissidens taxifolius subsp. taxifolius	0
Foeniculum vulgare	- 0
Foeniculum vulgare	0
Foeniculum vulgare subsp. vulgare	0
Foeniculum vulgare subsp. vulgare var. azoricum	0
Foeniculum vulgare subsp. vulgare var. vulgare	0
Fontanesia philliraeoides	- 0
Fontanesia philliraeoides	0
Fontanesia philliraeoides subsp. philliraeoides	0
Fontinalis antipyretica	- 0
Fontinalis antipyretica	0
Fontinalis antipyretica subsp. antipyretica	0
Fontinalis antipyretica var. gigantea	0
Fontinalis hypnoides	- 0
Fontinalis hypnoides	0
Fontinalis hypnoides var. duriaei	0

Fragaria vesca	-	0
Fragaria vesca		0
Fragaria vesca var. semperflorens		0
Fragaria viridis	-	0
Fragaria viridis		0
Fragaria viridis subsp. campestris		0
Fragaria viridis subsp. viridis		0
Frangula alnus	-	0
Frangula alnus		0
Frangula alnus subsp. alnus		0
Frangula alnus subsp. baetica		0
Frangula alnus subsp. pontica		0
Frankenia laevis	-	0
Frankenia laevis		0
Frankenia laevis subsp. intermedia		0
Frankenia pulverulenta	-	0
Frankenia pulverulenta		0
Frankenia pulverulenta subsp. pulverulenta		0
Fraxinus angustifolia	-	0
Fraxinus angustifolia		0
Fraxinus angustifolia subsp. angustifolia		0
Fraxinus angustifolia subsp. danubialis		0
Fraxinus angustifolia subsp. oxycarpa		0
Fraxinus excelsior	-	0
Fraxinus excelsior		0
Fraxinus excelsior subsp. coriariifolia		0
Fraxinus excelsior subsp. excelsior		0
Fraxinus excelsior subsp. excelsior var. diversifo		0
Fraxinus excelsior subsp. excelsior var. excelsior		0
Fraxinus ornus	-	0
Fraxinus ornus		0
Fraxinus ornus subsp. cilicica		0
Fraxinus ornus var. angustifolia		0
Fraxinus ornus subsp. ornus		0
Fritillaria graeca	-	0
Fritillaria graeca		0
Fritillaria graeca subsp. graeca var. graeca		0
Fritillaria messanensis	-	0

Fritillaria messanensis	0
Fritillaria messanensis subsp. gracilis	0
Fritillaria tubiformis	- 0
Fritillaria tubiformis	0
Fritillaria tubiformis subsp. moggridgei	0
Frullania dilatata	- 0
Frullania dilatata	0
Frullania dilatata var. dilatata	0
Fucus vesiculosus	- 0
Fucus vesiculosus	0
Fucus vesiculosus subsp. lutarius	0
Fulgensia bracteata	- 0
Fulgensia bracteata	0
Fulgensia bracteata subsp. bracteata	0
Fulgensia bracteata subsp. deformis	0
Fumana arabica	- 0
Fumana arabica	0
Fumana arabica var. arabica	0
Fumana arabica var. incanescens	0
Fumana ericoides	- 0
Fumana ericoides	0
Fumana ericoides subsp. montana	0
Fumana paphlagonica	- 0
Fumana paphlagonica	0
Fumana paphlagonica subsp. alpina	0
Fumana thymifolia	- 0
Fumana thymifolia	0
Fumana thymifolia var. viridis	0
Fumaria bastardii	- 0
Fumaria bastardii	0
Fumaria bastardii var. hibernica	0
Fumaria capreolata	- 0
Fumaria capreolata	0
Fumaria capreolata subsp. babingtonii	0
Fumaria capreolata subsp. capreolata	0
Fumaria muralis	- 0



Fumaria muralis	0
Fumaria muralis subsp. boraei	0
Fumaria muralis subsp. boraei var. boraei	0
Fumaria officinalis	- 0
Fumaria officinalis	0
Fumaria officinalis subsp. officinalis	0
Fumaria officinalis subsp. wirtgenii	0
Fumaria petteri	- 0
Fumaria petteri	0
Fumaria petteri subsp. calcarata	0
Fumaria petteri subsp. petteri	0
Fumaria schleicheri	- 0
Fumaria schleicheri	0
Fumaria schleicheri subsp. microcarpa	0
Fumaria vaillantii	- 0
Fumaria vaillantii	0
Fumaria vaillantii subsp. schrammii	0
Funaria dentata	- 0
Funaria dentata	0
Funaria dentata var. mediterranea	0
Gagea bohemica	- 0
Gagea bohemica	0
Gagea bohemica subsp. bohemica	0
Gagea nevadensis	- 0
Gagea nevadensis	0
Gagea nevadensis subsp. quadarramica	0
Galatella sedifolia	- 0
Galatella sedifolia	0
Galatella sedifolia subsp. biflora	0
Galatella sedifolia subsp. dracunculoides	0
Galatella sedifolia subsp. rigida	0
Galeopsis angustifolia	- 0
Galeopsis angustifolia	0
Galeopsis angustifolia subsp. angustifolia	0
Galeopsis angustifolia subsp. carpetana	0
Galeopsis ladanum	- 0
Galeopsis ladanum	0

Galeopsis ladanum subsp. ladanum	0
Galeopsis pubescens	- 0
Galeopsis pubescens	0
Galeopsis pubescens subsp. pubescens	0
Galeopsis segetum	- 0
Galeopsis segetum	0
Galeopsis segetum var. breviflolia	0
Galeopsis speciosa	- 0
Galeopsis speciosa	0
Galeopsis speciosa subsp. speciosa	0
Galeopsis tetrahit	- 0
Galeopsis tetrahit	0
Galeopsis tetrahit subsp. tetrahit	0
Galeopsis tetrahit aggr.	0
Galium aparine	- 0
Galium aparine	0
Galium aparine subsp. aparine	0
Galium aparine var. aparinella	0
Galium austriacum	- 0
Galium austriacum	0
Galium austriacum var. balatonense	0
Galium boreale	- 0
Galium boreale	0
Galium boreale subsp. exoletum	0
Galium brevifolium	- 0
Galium brevifolium	0
Galium brevifolium subsp. brevifolium	0
Galium brevifolium subsp. insulare	0
Galium canum	- 0
Galium canum	0
Galium canum subsp. canum	0
Galium canum subsp. ovatum	0
Galium estebanii	- 0
Galium estebanii	0
Galium estebanii var. leiocladus	0
Galium fruticosum	- 0

Galium fruticosum	0
Galium fruticosum subsp. ephedroides	0
Galium graecum	- 0
Galium graecum	0
Galium graecum subsp. graecum	0
Galium graecum subsp. pseudocanum	0
Galium heldreichii	- 0
Galium heldreichii	0
Galium heldreichii subsp. protopycnotrich	0
Galium incanum	- 0
Galium incanum	0
Galium incanum subsp. creticum	0
Galium incanum subsp. elatius	0
Galium incanum subsp. incanum	0
Galium lucidum	- 0
Galium lucidum	0
Galium lucidum subsp. cinereum	0
Galium lucidum subsp. corrudifolium	0
Galium lucidum subsp. fruticescens	0
Galium lucidum subsp. lucidum	0
Galium lucidum aggr.	0
Galium mollugo aggr.	- 0
Galium album	0
Galium album subsp. album	0
Galium album subsp. prusense	0
Galium album subsp. pycnotrichum	0
Galium album var. dumetorum	0
Galium mollugo aggr.	0
Galium gr. mollugo	0
Galium mollugo	0
Galium mollugo + lucidum	0
Galium mollugo f. pubescens	0
Galium mollugo subsp. angustifolium	0
Galium mollugo subsp. rigidum	0
Galium mollugo x verum	0
Galium mollugo subsp. vertesense	0
Galium palustre	- 0
Galium palustre	0
Galium palustre s.l.	0
Galium palustre subsp. palustre	0

Galium parisiense	-	0
Galium parisiense		0
Galium parisiense subsp. parisiense		0
Galium pseudoaristatum	-	0
Galium pseudoaristatum		0
Galium pseudoaristatum f. scabrum		0
Galium pumilum	-	0
Galium pumilum		0
Galium pumilum subsp. alpestre		0
Galium pumilum subsp. marchandii		0
Galium pumilum subsp. papillosum		0
Galium pumilum subsp. pinetorum		0
Galium pumilum subsp. pumilum		0
Galium pumilum subsp. rivulare		0
Galium rubioides	-	0
Galium rubioides		0
Galium rubioides subsp. dasypodum		0
Galium saxatile	-	0
Galium saxatile		0
Galium saxatile subsp. saxatile		0
Galium saxatile subsp. vivianum		0
Galium setaceum	-	0
Galium setaceum		0
Galium setaceum subsp. decaisnei		0
Galium spurium	-	0
Galium spurium		0
Galium spurium subsp. ibicinum		0
Galium spurium subsp. spurium		0
Galium spurium subsp. vaillantii		0
Galium sylvaticum	-	0
Galium sylvaticum		0
Galium sylvaticum subsp. laconicum		0
Galium sylvaticum subsp. sylvaticum		0
Galium sylvaticum aggr.		0
Galium tenuissimum	-	0
Galium tenuissimum		0
Galium tenuissimum subsp. adrianopolitanu		0
Galium tenuissimum subsp. tenuissimum		0

Galium verrucosum	-	0
Galium verrucosum		0
Galium verrucosum subsp. halophilum		0
Galium verrucosum subsp. verrucosum		0
Galium verum	-	0
Galium verum		0
Galium verum subsp. glabrescens		0
Galium verum subsp. verum		0
Galium verum subsp. wirtgeni		0
Galium verum subsp. wirtgenii		0
Galium verum var. asparagifolium		0
Galium verum var. echinosperum		0
Galium verum aggr.		0
Genista anglica	-	0
Genista anglica		0
Genista anglica subsp. brutia		0
Genista cinerea	-	0
Genista cinerea		0
Genista cinerea subsp. ausetana		0
Genista cinerea subsp. leptoclada		0
Genista depressa	-	0
Genista depressa		0
Genista depressa subsp. csikii		0
Genista depressa subsp. friwaldskyi f. serpentinic		0
Genista depressa subsp. moesiaca		0
Genista florida	-	0
Genista florida		0
Genista florida subsp. florida		0
Genista florida subsp. polygalaephylla		0
Genista florida subsp. polygaliphylla		0
Genista hirsuta	-	0
Genista hirsuta		0
Genista hirsuta subsp. erioclada		0
Genista hirsuta subsp. hirsuta		0
Genista hirsuta subsp. lanuginosa		0
Genista hispanica	-	0
Genista hispanica		0
Genista hispanica subsp. hispanica		0
Genista hispanica subsp. occidentalis		0

Genista linifolia	-	0
Genista linifolia		0
Genista linifolia subsp. linifolia		0
Genista lobelii	-	0
Genista lobelii		0
Genista lobelii subsp. lobelii		0
Genista lobelii subsp. longipes	-	0
Genista longipes		0
Genista longipes subsp. viciosoi		0
Genista lydia	-	0
Genista lydia		0
Genista lydia var. antiochia		0
Genista lydia var. lydia		0
Genista ovata	-	0
Genista ovata subsp. nervata		0
Genista ovata var. ovata		0
Genista ovata var. ovata f. ovata		0
Genista pilosa	-	0
Genista pilosa		0
Genista pilosa subsp. jordanii		0
Genista pilosa var. jordanii		0
Genista pulchella	-	0
Genista pulchella		0
Genista pulchella subsp. villarsii		0
Genista villarsi		0
Genista salzmannii	-	0
Genista salzmannii		0
Genista salzmannii subsp. lobelioides		0
Genista scorpius	-	0
Genista scorpius		0
Genista scorpius subsp. intermedia		0
Genista scorpius var. jordani		0
Genista sericea	-	0
Genista sericea		0
Genista sericea var. rigida		0
Genista sessilifolia	-	0
Genista sessilifolia		0

Genista sessilifolia subsp. trifoliata	0
Genista sessilifolia subsp. trifoliata var. romani	0
Genista sylvestris	- 0
Genista sylvestris	0
Genista sylvestris subsp. dalmatica	0
Genista sylvestris var. dalmatica	0
Genista tinctoria	- 0
Genista tinctoria	0
Genista tinctoria f. auriculata	0
Genista tinctoria f. inermis	0
Genista tinctoria f. tinctoria	0
Genista tinctoria subsp. elatior	0
Genista tinctoria subsp. tinctoria	0
Genista tinctoria var. oligosperma	0
Genista tournefortii	- 0
Genista tournefortii	0
Genista tournefortii subsp. tournefortii	0
Genista tridentata	- 0
Genista tridentata	0
Pterospartum tridentatum	0
Pterospartum tridentatum subsp. cantabric	0
Pterospartum tridentatum subsp. cantabricum	0
Pterospartum tridentatum subsp. lasianthum	0
Genista umbellata	- 0
Genista umbellata	0
Genista umbellata subsp. equisetiformis	0
Genista versicolor	- 0
Genista versicolor	0
Genista versicolor subsp. pumila	0
Genista versicolor subsp. versicolor	0
Genista pumila	
Genista pumila subsp. rigidissima	0
Genista pumila subsp. pumila	0
Gentiana angustifolia	- 0
Gentiana angustifolia	0
Gentiana angustifolia subsp. corbariensis	0
Gentiana asclepiadea	- 0
Gentiana asclepiadea	0
Gentiana asclepiadea f. cruciata	0

Gentiana brachyphylla	-	0
Gentiana brachyphylla		0
Gentiana brachyphylla subsp. brachyphylla		0
Gentiana brachyphylla subsp. favratii		0
Gentiana burseri	-	0
Gentiana burseri		0
Gentiana burseri subsp. burseri		0
Gentiana burseri subsp. villarsii		0
Gentiana crispata	-	0
Gentiana crispata subsp. bosnjakii		0
Gentiana crispata var. autumnalis		0
Gentiana cruciata	-	0
Gentiana cruciata		0
Gentiana cruciata subsp. cruciata		0
Gentiana cruciata subsp. phlogifolia		0
Gentiana lutea	-	0
Gentiana lutea		0
Gentiana lutea subsp. aurantiaca		0
Gentiana lutea subsp. lutea		0
Gentiana lutea subsp. montserratii		0
Gentiana lutea subsp. symphyandra		0
Gentiana lutea subsp. vardjanii		0
Gentiana pneumonanthe	-	0
Gentiana pneumonanthe		0
Gentiana pneumonanthe subsp. pneumonanthe		0
Gentiana pumila	-	0
Gentiana pumila		0
Gentiana pumila subsp. delphinensis		0
Gentiana pumila subsp. pumila		0
Gentiana terglouensis	-	0
Gentiana terglouensis		0
Gentiana terglouensis subsp. schleicheri		0
Gentiana terglouensis subsp. terglouensis		0
Gentiana verna	-	0
Gentiana verna		0
Gentiana verna subsp. delphinensis		0
Gentiana verna subsp. tergestina		0
Gentiana verna subsp. verna		0



Gentiana verna subsp. willkommiana	0
Gentiana penetii	0
Gentianella amarella	- 0
Gentianella amarella	0
Gentianella amarella subsp. amarella	0
Gentianella amarella subsp. lingulata	0
Gentianella amarella subsp. septentrionalis	0
Gentianella campestris	- 0
Gentianella campestris	0
Gentianella campestris subsp. baltica	0
Gentianella campestris subsp. campestris	0
Gentianella ciliata	- 0
Gentianella ciliata	0
Gentianella ciliata subsp. ciliata	0
Gentianella germanica	- 0
Gentianella germanica	0
Gentianella germanica subsp. germanica	0
Gentianella lutescens	- 0
Gentianella lutescens	0
Gentianella lutescens subsp. carpatica	0
Gentianella praecox	- 0
Gentianella praecox	0
Gentianella praecox subsp. bohémica	0
Geocaryum cynapioides	- 0
Geocaryum cynapioides	0
Huetia cynapioides subsp. cynapioides	0
Geocaryum macrocarpum	0
Geranium asphodeloides	- 0
Geranium asphodeloides	0
Geranium asphodeloides subsp. asphodeloides	0
Geranium asphodeloides subsp. sintenisii	0
Geranium ibericum	- 0
Geranium ibericum	0
Geranium ibericum subsp. ibericum	0
Geranium ibericum subsp. jubatum	0
Geranium molle	- 0
Geranium molle	0

Geranium molle aggr.	0
Geranium molle subsp. molle	0
Geranium platypetalum	- 0
Geranium platypetalum	0
Geranium platypetalum var. albipetalum	0
Geranium platypetalum var. platypetalum	0
Geranium pratense	- 0
Geranium pratense	0
Geranium pratense subsp. finitimum	0
Geranium pratense subsp. pratense	0
Geranium pyrenaicum	- 0
Geranium pyrenaicum	0
Geranium pyrenaicum subsp. lusitanicum	0
Geranium pyrenaicum subsp. pyrenaicum	0
Geranium subcaulescens	- 0
Geranium subcaulescens	0
Geranium cinereum subsp. subcaulescens subcaulesce	0
Geranium cinereum subsp. subcaulescens var. elatiu	0
Geranium cinereum subsp. subcaulescens var. lazicu	0
Geranium cinereum subsp. subcaulescens var. palmat	0
Geranium cinereum subsp. subcaulescens var. pontic	0
Geranium cinereum subsp. subcaulescens var. subacu	0
Geranium cinereum subsp. subsp.subcaulescens var.	0
Geranium sylvaticum aggr.	- 0
Geranium sylvaticum	0
Geranium sylvaticum var. alpestre	0
Geranium caeruleatum	0
Geranium rivulare	0
Geranium sylvaticum subsp. sylvaticum	0
Geranium tuberosum	- 0
Geranium tuberosum	0
Geranium tuberosum subsp. deserti-syriacum	0
Geranium tuberosum subsp. tuberosum	0
Geum hispidum	- 0
Geum hispidum	0
Geum hispidum subsp. albarracinense	0
Gladiolus communis	- 0
Gladiolus communis	0
Gladiolus communis subsp. communis	0

Gladiolus illyricus	-	0
Gladiolus illyricus		0
Gladiolus illyricus subsp. illyricus		0
Glandora prostrata	-	0
Glandora prostrata subsp. lusitanica		0
Glandora prostrata subsp. prostrata		0
Glaucium corniculatum	-	0
Glaucium corniculatum		0
Glaucium corniculatum subsp. corniculatum		0
Glaucium corniculatum subsp. refractum		0
Glaucium grandiflorum	-	0
Glaucium grandiflorum var. grandiflorum		0
Glaucium grandiflorum var. torquatum		0
Glechoma hederacea	-	0
Glechoma hederacea		0
Glechoma hederacea subsp. hederacea		0
Glechoma hederacea subsp. hirsuta		0
Globularia cordifolia	-	0
Globularia cordifolia		0
Globularia cordifolia aggr.		0
Globularia trichosantha	-	0
Globularia trichosantha		0
Globularia trichosantha subsp. trichosantha		0
Glyceria arundinacea	-	0
Glyceria arundinacea		0
Glyceria arundinacea subsp. triflora		0
Glyceria fluitans	-	0
Glyceria fluitans		0
Glyceria pedicellata		0
Glyceria fluitans aggr.		0
Glyceria maxima	-	0
Glyceria maxima		0
Glyceria maxima f. vivipara		0
Gnaphalium hoppeanum	-	0
Gnaphalium hoppeanum		0
Gnaphalium hoppeanum subsp. magellense		0

Goniolimon tataricum	-	0
Goniolimon tataricum		0
Goniolimon tataricum var. heldreichii		0
Grimmia pulvinata	-	0
Grimmia pulvinata		0
Grimmia pulvinata var. pulvinata		0
Gundelia tournefortii	-	0
Gundelia tournefortii var. tenuisecta		0
Gundelia tournefortii var. tournefortii		0
Gymnadenia conopsea	-	0
Gymnadenia conopsea		0
Gymnadenia conopsea subsp. densiflora		0
Gymnomitrium corallioides	-	0
Gymnomitrium coralloides		0
Gymnomitrium corallioides		0
Gypsophila arrostii	-	0
Gypsophila arrostii		0
Gypsophila arrostii subsp. arrostii		0
Gypsophila arrostii var. nebulosa		0
Gypsophila heteropoda	-	0
Gypsophila heteropoda subsp. heteropoda		0
Gypsophila heteropoda subsp. minutiflora		0
Gypsophila paniculata	-	0
Gypsophila paniculata		0
Gypsophila paniculata var. araratica		0
Gypsophila perfoliata	-	0
Gypsophila perfoliata		0
Gypsophila perfoliata var. araratica		0
Gypsophila perfoliata var. perfoliata		0
Gypsophila sphaerocephala	-	0
Gypsophila sphaerocephala var. cappadocica		0
Gypsophila sphaerocephala var. sphaerocephala		0
Gypsophila sphaerocephala var. syriaca		0
Gypsophila struthium	-	0
Gypsophila struthium		0
Gypsophila struthium subsp. hispanica		0

Haplophyllum buxbaumii	-	0
Haplophyllum buxbaumii subsp. buxbaumii		0
Haplophyllum buxbaumii subsp. mesopotamicum		0
Haplophyllum suaveolens	-	0
Haplophyllum suaveolens		0
Haplophyllum suaveolens var. . glabrum		0
Haplophyllum suaveolens var. cilicicum		0
Haplophyllum suaveolens var. suaveolens		0
Hedera helix	-	0
Hedera helix		0
Hedera helix f. poetarum		0
Hedera helix subsp. canariensis		0
Hedera helix subsp. helix		0
Hedwigia ciliata	-	0
Hedwigia ciliata		0
Hedwigia ciliata var. ciliata		0
Hedypnois rhagadioloides	-	0
Hedypnois rhagadioloides		0
Hedypnois cretica subsp. cretica		0
Hedypnois cretica subsp. monspeliensis		0
Hedypnois cretica subsp. tubaeformis		0
Hedysarum grandiflorum	-	0
Hedysarum grandiflorum		0
Hedysarum grandiflorum subsp. bulgaricum		0
Hedysarum hedysaroides	-	0
Hedysarum hedysaroides		0
Hedysarum hedysaroides subsp. arcticum		0
Hedysarum hedysaroides subsp. hedysaroides		0
Hedysarum spinosissimum	-	0
Hedysarum spinosissimum		0
Hedysarum spinosissimum subsp. capitatum		0
Helianthemum alpestre	-	0
Helianthemum alpestre		0
Helianthemum oelandicum subsp. alpestre		0
Helianthemum oleandicum subsp. alpestre		0
Helianthemum apenninum	-	0
Helianthemum apenninum		0

Helianthemum apenninum subsp. cantabricum	0
Helianthemum apenninum subsp. cavanillesianum	0
Helianthemum apenninum subsp. stoechadifolium	0
Helianthemum apenninum subsp. urriense	0
Helianthemum canum	- 0
Helianthemum canum	0
Helianthemum canum subsp. canum	0
Helianthemum canum subsp. nebrodense	0
Helianthemum canum subsp. pourretii	0
Helianthemum oelandicum subsp. canum	0
Helianthemum oelandicum subsp. incanum	0
Helianthemum oleandicum subsp. incanum	0
Helianthemum cinereum	- 0
Helianthemum cinereum	0
Helianthemum cinereum subsp. rotundifolium	0
Helianthemum cinereum subsp. rotundifolium	0
Helianthemum croceum	- 0
Helianthemum croceum	0
Helianthemum croceum subsp. suffruticosum	0
Helianthemum ledifolium	- 0
Helianthemum ledifolium	0
Helianthemum ledifolium subsp. lasiocarpum	0
Helianthemum ledifolium var. lasiocarpum	0
Helianthemum ledifolium var. ledifolium	0
Helianthemum ledifolium var. microcarpum	0
Helianthemum marifolium	- 0
Helianthemum marifolium	0
Helianthemum marifolium subsp. frigidulum	0
Helianthemum marifolium subsp. marifolium	0
Helianthemum nummularium	- 0
Helianthemum nummularium	0
Helianthemum nummularium subsp. glabrum	0
Helianthemum nummularium subsp. grandiflorum	0
Helianthemum nummularium subsp. lycaonicum	0
Helianthemum nummularium subsp. nummularium	0
Helianthemum nummularium subsp. obscurum	0
Helianthemum nummularium subsp. ovatum	0
Helianthemum nummularium subsp. pyrenaicum	0
Helianthemum nummularium subsp. tomentosum	0
Helianthemum nummularium subsp. tomentosum	0
Helianthemum nummularium subsp. vulgare	0

Helianthemum nummularium var. discolor	0
Helianthemum nummularium var. roseum	0
Helianthemum nummularium var. stabianum	0
Helianthemum nummularium glabrum	0
Helianthemum nummularium subsp. numummularium	0
Helianthemum numularium subsp. tomentosum	0
Helianthemum obscurum	0
Helianthemum numularium subsp. numularium	0
Helianthem nummulariu subsp. tomentosum	0
Helianthem nummularium subsp. nummulari	0
Helianthemum oelandicum	- 0
Helianthemum oelandicum	0
Helianthemum oelandicum subsp. oelandicum	0
Helianthemum oelandicum subsp. rupifragum	0
Helianthemum oleandicum	0
Helianthemum orientale	- 0
Helianthemum oelandicum subsp. orientale	0
Helianthemum organifolium	- 0
Helianthemum organifolium	0
Helianthemum organifolium subsp. molle	0
Helianthemum rupifragum	- 0
Helianthemum oelandicum subsp. rupifragum	0
Helictochloa gervaisii	- 0
Helictochloa gervaisii	0
Helictochloa gervaisii subsp. arundana	0
Helictochloa marginata	- 0
Helictochloa marginata	0
Helictochloa marginata subsp. albinervis	0
Avenula marginata subsp. marginata	0
Helictochloa planiculmis	- 0
Helictochloa planiculmis	0
Helictochloa planiculmis subsp. angustior	0
Helictochloa pratensis	- 0
Helictochloa pratensis	0
Helictochloa pratensis subsp. gonzaloi	0
Helictochloa pratensis subsp. hirtifolia	0
Helictochloa pratensis subsp. iberica	0
Helictochloa pratensis subsp. pratensis	0
Helictochloa pratensis subsp. requienii	0

Avenula pratensis aggr.	0
Helictochloa versicolor	- 0
Helictochloa versicolor	0
Helictochloa versicolor subsp. praetutiana	0
Avenula versicolor subsp. pretutiana	0
Avenula versicolor subsp. versicolor	0
Helictotrichon convolutum	- 0
Helictotrichon convolutum	0
Helictotrichon convolutum subsp. convolutum	0
Helictotrichon convolutum subsp. heldreichii	0
Helictotri convolutum subsp. convolutum	0
Helictotri convolutum subsp. heldreichi	0
Helictotrichon desertorum	- 0
Helictotrichon desertorum	0
Helictotrichon desertorum subsp. basalticum	0
Helictotrichon filifolium	- 0
Helictotrichon filifolium	0
Helictotrichon filifolium subsp. arundanum	0
Helictotrichon filifolium subsp. filifolium	0
Helictotrichon sedenense	- 0
Helictotrichon sedenense	0
Helictotrichon sedenense subsp. sedenense	0
Helichrysum arenarium	- 0
Helichrysum arenarium	0
Helichrysum arenarium subsp. arenarium	0
Helichrysum arenarium subsp. aucheri	0
Helichrysum arenarium subsp. ponticum	0
Helichrysum italicum	- 0
Helichrysum italicum	0
Helichrysum italicum subsp. italicum	0
Helichrysum italicum subsp. microphyllum	0
Helichrysum italicum subsp. pseudolitoreum	0
Helichrysum italicum subsp. serotinum	0
Helichrysum italicum subsp. picardii	- 0
Helichrysum italicum subsp. picardi	0
Helichrysum italicum subsp. picardii	0
Helichrysum plicatum	- 0
Helichrysum plicatum	0



Helichrysum plicatum subsp. plicatum	0
Helichrysum stoechas	- 0
Helichrysum stoechas	0
Helichrysum stoechas subsp. barrelieri	0
Helichrysum stoechas subsp. stoechas	0
Helleborus dumetorum	- 0
Helleborus dumetorum	0
Helleborus dumetorum subsp. atrorubens	0
Helleborus dumetorum subsp. dumetorum	0
Helleborus foetidus	- 0
Helleborus foetidus	0
Helleborus foetidus subsp. foetidus	0
Helleborus lividus	- 0
Helleborus lividus	0
Helleborus lividus subsp. corsicus	0
Helleborus lividus subsp. lividus	0
Helleborus multifidus	- 0
Helleborus multifidus	0
Helleborus multifidus subsp. Hercegovinus	0
Helleborus multifidus subsp. multifidus	0
Helleborus niger	- 0
Helleborus niger	0
Helleborus niger subsp. macranthus	0
Helleborus niger subsp. niger	0
Helleborus odorus	- 0
Helleborus odorus	0
Helleborus odorus subsp. cyclophyllus	0
Helleborus odorus subsp. odorus	0
Helleborus viridis	- 0
Helleborus viridis	0
Helleborus viridis subsp. bocconeii	0
Helleborus viridis subsp. istriacus	0
Helleborus viridis subsp. occidentalis	0
Helleborus viridis subsp. viridis	0
Heracleum austriacum	- 0
Heracleum austriacum	0
Heracleum austriacum subsp. austriacum	0
Heracleum austriacum subsp. siifolium	0

Heracleum sphondylium	-	0
Heracleum sphondylium		0
Heracleum sphondylium subsp. alpinum		0
Heracleum sphondylium subsp. elegans		0
Heracleum sphondylium subsp. orsinii		0
Heracleum sphondylium subsp. pyrenaicum		0
Heracleum sphondylium subsp. sibiricum		0
Heracleum sphondylium subsp. sphondylium		0
Heracleum sphondylium subsp. sphondylium var. chae		0
Heracleum sphondylium subsp. sphondylium x subsp.		0
Heracleum sphondylium subsp. ternatum		0
Heracleum sphondylium subsp. transsilvanicum		0
Heracleum sphondylium		0
Heracleum sphondylium subsp. pyrenaicum		0
Heracleum sphondylium subsp. transsilvani		0
Heracleum sphondylium subsp. pyrenaicum		0
Heracleum sphondylium subsp. sibiricum		0
Herbertus aduncus	-	0
Herbertus aduncus		0
Herbertus aduncus subsp. hutchinsiae		0
Herniaria ciliolata	-	0
Herniaria ciliolata		0
Herniaria ciliolata subsp. robusta		0
Herniaria fontanesii	-	0
Herniaria fontanesii		0
Herniaria fontanesii subsp. almeriana		0
Herniaria fruticosa	-	0
Herniaria fruticosa		0
Herniaria fruticosa subsp. fruticosa		0
Herniaria glabra	-	0
Herniaria glabra		0
Herniaria glabra subsp. glabra		0
Herniaria glabra subsp. nebrodensis		0
Herniaria glabra subsp. rotundifolia		0
Herniaria hirsuta	-	0
Herniaria hirsuta		0
Herniaria hirsuta subsp. cinerea		0
Herniaria hirsuta subsp. hirsuta		0
Herniaria incana	-	0

Herniaria incana	0
Herniaria incana var. latifolia	0
Herniaria lusitanica	- 0
Herniaria lusitanica	0
Herniaria lusitanica subsp. berlengiana	0
Herniaria parnassica	- 0
Herniaria parnassica	0
Herniaria parnassica subsp. cretica	0
Herniaria parnassica subsp. parnassica	0
Herniaria scabrida	- 0
Herniaria scabrida	0
Herniaria scabrida subsp. scabrida	0
Hesperis balansae	- 0
Hesperis balansae subsp. balansae	0
Hesperis balansae subsp. mytilensis	0
Hesperis laciniata	- 0
Hesperis laciniata	0
Hesperis laciniata subsp. cupaniana	0
Hesperis laciniata subsp. spectabilis	0
Hesperis matronalis	- 0
Hesperis matronalis	0
Hesperis matronalis subsp. adzharica	0
Hesperis matronalis subsp. candida	0
Hesperis matronalis subsp. cilicica	0
Hesperis matronalis subsp. cladotricha	0
Hesperis matronalis subsp. matronalis	0
Hesperis matronalis subsp. schurii	0
Hesperis matronalis subsp. woronowii	0
Hesperis matronalis aggr.	0
Heterocladium heteropterum	- 0
Heterocladium heteropterum	0
Heterocladium heteropterum var. flaccidum	0
Heterocladium heteropterum var. heteropterum	0
Hieracium alpinum	- 0
Hieracium alpinum	0
Hieracium alpinum subsp. halleri	0
Hieracium alpinum subsp. melanocephalum	0
Hieracium alpinum subsp. tubulosum	0
Hieracium alpinum gr.	0

Hieracium amplexicaule	-	0
Hieracium amplexicaule		0
Hieracium amplexicaule subsp. petraeum		0
Hieracium amplexicaule subsp. pseudoligusticum		0
Hieracium atratum	-	0
Hieracium atratum		0
Hieracium atratum subsp. subnigrescens		0
Hieracium bifidum	-	0
Hieracium bifidum		0
Hieracium bifidum subsp. bifidum		0
Hieracium bifidum aggr.		0
Hieracium bifidum gr.		0
Hieracium caesium	-	0
Hieracium caesium		0
Hieracium caesium subsp. galbanum		0
Hieracium cantalicum	-	0
Hieracium cantalicum		0
Hieracium cantalicum subsp. subpanduratum		0
Hieracium glabratum	-	0
Hieracium glabratum		0
Hieracium glabratum subsp. nudum		0
Hieracium glaucinum	-	0
Hieracium glaucinum		0
Hieracium glaucinum subsp. cinerascens		0
Hieracium glaucinum subsp. praecox		0
Hieracium hypeuryum	-	0
Hieracium hypeuryum subsp. lamprocomum		0
Hieracium hypeuryum subsp. lasiotrix		0
Hieracium hypochoeroides	-	0
Hieracium hypochoeroides		0
Hieracium hypochoeroides subsp. wiesbaurianum		0
Hieracium chlorocephalum	-	0
Hieracium chlorocephalum		0
Hieracium chlorocephalum subsp. stygium		0
Hieracium juranum	-	0
Hieracium juranum		0

Hieracium juranum subsp. olivaceum	0
Hieracium laevigatum	- 0
Hieracium laevigatum	0
Hieracium laevigatum subsp. coronopifolioides	0
Hieracium laevigatum subsp. gothicum	0
Hieracium laevigatum subsp. laevigatum	0
Hieracium laevigatum subsp. levigans	0
Hieracium laevigatum subsp. pseudolancidens	0
Hieracium laevigatum subsp. subgracilipes	0
Hieracium laevigatum subsp. tridentatum	0
Hieracium levigatum var. knafii f. pilosum	0
Hieracium levigatum var. macrogoniotropum	0
Hieracium levigatum var. tridentatum	0
Hieracium lachenalii	- 0
Hieracium lachenalii	0
Hieracium lachenalii subsp. acuminatum	0
Hieracium lachenalii subsp. argillaceum	0
Hieracium lachenalii subsp. cruentifolium	0
Hieracium lachenalii subsp. maculatiforme	0
Hieracium lachenalii subsp. meppelense	0
Hieracium lachenalii subsp. scanicum	0
Hieracium vulgatum gr.	0
Hieracium sect. Vulgata	0
Hieracium latifolium	- 0
Hieracium latifolium	0
Hieracium latifolium subsp. halimifolium	0
Hieracium lycopsifolium	- 0
Hieracium lycopsifolium	0
Hieracium lycopsifolium subsp. vallesiacum	0
Hieracium macranthum	- 0
Hieracium macranthum subsp. macranthum	0
Hieracium macranthum subsp. testimonial	0
Hieracium maculatum	- 0
Hieracium maculatum	0
Hieracium maculatum subsp. pollichiae	0
Hieracium mougeotii	- 0
Hieracium mougeotii	0
Hieracium mougeotii subsp. asturicum	0
Hieracium mougeotii subsp. stelliceps	0

Hieracium murorum	-	0
Hieracium murorum		0
Hieracium murorum subsp. exotericoides		0
Hieracium murorum subsp. exotericum		0
Hieracium murorum subsp. gentile		0
Hieracium murorum subsp. nemorense		0
Hieracium murorum subsp. oblongum		0
Hieracium murorum subsp. sparsum		0
Hieracium murorum subsp. subnemorense		0
Hieracium murorum aggr.		0
Hieracium murorum et spec		0
Hieracium murorum gr.		0
Hieracium naegelianum	-	0
Hieracium naegelianum		0
Hieracium naegelianum subsp. maglicense		0
Hieracium nigrescens	-	0
Hieracium nigrescens		0
Hieracium nigrescens subsp. decipiens		0
Hieracium nobile	-	0
Hieracium nobile		0
Hieracium nobile subsp. burserianum		0
Hieracium onosmoides	-	0
Hieracium onosmoides		0
Hieracium onosmoides subsp. oreades		0
Hieracium pallescens	-	0
Hieracium pallescens		0
Hieracium pallescens subsp. incisum		0
Hieracium pallidum	-	0
Hieracium pallidum		0
Hieracium pallidum subsp. comatulum		0
Hieracium pannosum	-	0
Hieracium pannosum		0
Hieracium pannosum subsp. doerflerianum		0
Hieracium pannosum subsp. friwaldii		0
Hieracium piliferum	-	0
Hieracium piliferum		0
Hieracium piliferum subsp. glanduliferum		0
Hieracium pilosella	-	0

Hieracium pilosella subsp. euronotum	0
Hieracium pilosella var. argyrocoma	0
Hieracium piloselloides	- 0
Hieracium piloselloides subsp. megaloma	0
Hieracium piloselloides subsp. megalomastix	0
Hieracium piloselloides subsp. obscurum	0
Hieracium pojoritense	- 0
Hieracium pojoritense	0
Hieracium pojoritense subsp. pojoritense	0
Hieracium prenanthoides	- 0
Hieracium prenanthoides	0
Hieracium prenanthoides subsp. lanceolatum	0
Hieracium prenanthoides gr.	0
Hieracium racemosum	- 0
Hieracium racemosum	0
Hieracium racemosum subsp. barbatum	0
Hieracium racemosum subsp. crinitum	0
Hieracium racemosum subsp. italicum	0
Hieracium ramondii	- 0
Hieracium ramondii	0
Hieracium ramondii subsp. trichocerinthus	0
Hieracium rohacsense	- 0
Hieracium rohacsense	0
Hieracium rohacsense subsp. bifidellum	0
Hieracium sabaudum	- 0
Hieracium sabaudum	0
Hieracium sabaudum subsp. eminens	0
Hieracium sabaudum subsp. quercetorum	0
Hieracium sabaudum subsp. vagum	0
Hieracium sabaudum subsp. virgultorum	0
Hieracium sartorianum	- 0
Hieracium sartorianum	0
Hieracium sartorianum gr.	0
Hieracium schmidtii	- 0
Hieracium schmidtii	0
Hieracium schmidtii subsp. brunelliforme	0
Hieracium schmidtii subsp. graniticum	0
Hieracium schmidtii subsp. lasiophyllum	0

Hieracium sparsum	-	0
Hieracium sparsum		0
Hieracium sparsum subsp. silesiacum		0
Hieracium substellatum	-	0
Hieracium substellatum subsp. simonkaianum		0
Hieracium substellatum subsp. tordanum		0
Hieracium umbellatum	-	0
Hieracium umbellatum		0
Hieracium umbellatum subsp. eurobalticum		0
Hieracium umbellatum subsp. filifolium		0
Hieracium umbellatum subsp. umbellatum		0
Hieracium umbellatum subsp. umbellatum var. seroti		0
Hieracium umbellatum var. dunense		0
Hieracium umbellatum var. linariifolium		0
Hieracium umbrosum	-	0
Hieracium umbrosum		0
Hieracium umbrosum subsp. pseudofastigiatum		0
Hieracium valdepilosum	-	0
Hieracium valdepilosum		0
Hieracium valdepilosum subsp. porrectum		0
Hieracium viride	-	0
Hieracium viride		0
Hieracium viride subsp. brumale		0
Hieracium waldsteinii	-	0
Hieracium waldsteinii		0
Hieracium waldsteinii subsp. baldaccianum		0
Hieracium waldsteinii subsp. plumulosum		0
Hieracium waldsteinii subsp. suborieni		0
Hierochloe odorata	-	0
Hierochloe odorata		0
Hierochloe odorata subsp. baltica		0
Himantoglossum hircinum	-	0
Himantoglossum hircinum		0
Himantoglossum hircinum subsp. caprinum		0
Himantoglossum hircinum subsp. hircinum		0
Hippocrepis balearica	-	0
Hippocrepis balearica		0



Hippocrepis balearica subsp. balearica	0
Hippocrepis comosa	- 0
Hippocrepis comosa	0
Hippocrepis comosa subsp. comosa	0
Hippocrepis emerus	- 0
Hippocrepis emerus	0
Hippocrepis emerus subsp. emeroides	0
Hippocrepis emerus subsp. emerus	0
Hippocrepis glauca	- 0
Hippocrepis glauca	0
Hippocrepis comosa subsp. glauca	0
Hippocrepis squamata	- 0
Hippocrepis squamata	0
Hippocrepis squamata subsp. eriocarpa	0
Hippocrepis unisiliquosa	- 0
Hippocrepis unisiliquosa	0
Hippocrepis unisiliquosa subsp. unisiliquosa	0
Hippophae rhamnoides	- 0
Hippophae rhamnoides	0
Hippophae rhamnoides subsp. caucasica	0
Hippophae rhamnoides subsp. fluviatilis	0
Hippophae rhamnoides subsp. rhamnoides	0
Hirschfeldia incana	- 0
Hirschfeldia incana	0
Hirschfeldia incana subsp. geniculata	0
Hirschfeldia incana subsp. incana	0
Holcus annuus	- 0
Holcus annuus	0
Holcus annuus subsp. setiglumis	0
Holcus setiglumis subsp. setiglumis	0
Holcus lanatus	- 0
Holcus lanatus	0
Holcus lanatus subsp. lanatus	0
Holcus mollis	- 0
Holcus mollis	0
Holcus mollis subsp. mollis	0
Holcus mollis subsp. reuteri	0

Holosteum umbellatum	-	0
Holosteum umbellatum		0
Holosteum umbellatum f. glabratum		0
Holosteum umbellatum subsp. glutinosum		0
Holosteum umbellatum subsp. umbellatum		0
Homalothecium lutescens	-	0
Homalothecium lutescens		0
Homalothecium lutescens var. lutescens		0
Homalotrichon pubescens	-	0
Homalotrichon pubescens		0
Homalotrichon pubescens subsp. pubescens		0
Hordeum brevisubulatum	-	0
Hordeum brevisubulatum		0
Hordeum brevisubulatum subsp. nevskianum		0
Hordeum brevisubulatum subsp. violaceum		0
Hordeum murinum	-	0
Hordeum murinum		0
Hordeum murinum subsp. glaucum		0
Hordeum murinum subsp. murinum		0
Hordeum vulgare	-	0
Hordeum vulgare		0
Hordeum vulgare subsp. agriocrithon		0
Hordeum vulgare subsp. distichon		0
Hordeum vulgare subsp. spontaneum		0
Hordeum vulgare subsp. vulgare		0
Hornungia alpina	-	0
Hornungia alpina		0
Hornungia alpina subsp. alpina		0
Hornungia alpina subsp. auerswaldii		0
Hornungia alpina subsp. brevicaulis		0
Hornungia procumbens	-	0
Hornungia procumbens		0
Hornungia procumbens subsp. procumbens		0
Huperzia selago	-	0
Huperzia selago		0
Huperzia selago f. imbricata		0
Huperzia selago subsp. arctica		0
Huperzia selago subsp. selago		0

Hygrohypnum luridum	-	0
Hygrohypnum luridum		0
Hygrohypnum luridum var. luridum		0
Hylocomium splendens	-	0
Hylocomium splendens		0
Hylocomium splendens var. alaskanum		0
Hylocomium splendens var. alpinum		0
Hylocomium splendens var. splendens		0
Hylotelephium maximum	-	0
Hylotelephium maximum		0
Hylotelephium maximum subsp. ruprechtii		0
Hyoseris radiata	-	0
Hyoseris radiata		0
Hyoseris radiata subsp. radiata		0
Hyparrhenia hirta	-	0
Hyparrhenia hirta		0
Hyparrhenia hirta var. pubescens		0
Hyparrhenia hirta subsp. hirta		0
Hypnnum procumbens	-	0
Hypnnum procumbens		0
Hypnnum procumbens subsp. atropuncta		0
Hypnnum procumbens subsp. procumbens		0
Hypericum aviculariifolium	-	0
Hypericum aviculariifolium subsp. byzantinum		0
Hypericum aviculariifolium subsp. depilatum var. b		0
Hypericum aviculariifolium subsp. depilatum var. d		0
Hypericum aviculariifolium subsp. depilatum var. l		0
Hypericum aviculariifolium subsp. uniflorum		0
Hypericum barbatum	-	0
Hypericum barbatum		0
Hypericum barbatum subsp. macedonicum		0
Hypericum barbatum var. oblongifolium		0
Hypericum capitatum	-	0
Hypericum capitatum var. capitatum		0
Hypericum capitatum var. uteum		0
Hypericum confertum	-	0
Hypericum confertum		0

Hypericum confertum subsp. confertum	0
Hypericum confertum subsp. stenobotrys	0
Hypericum elongatum	- 0
Hypericum elongatum subsp. apiculatum	0
Hypericum elongatum subsp. elongatum	0
Hypericum elongatum subsp. microcalycinum	0
Hypericum empetrifolium	- 0
Hypericum empetrifolium	0
Hypericum empetrifol subsp. empetrifol	0
Hypericum empetrifol subsp. tortuosum	0
Hypericum empetrifol subsp. oliganthum	0
Hypericum hircinum	- 0
Hypericum hircinum	0
Hypericum hircinum subsp. albimontanum	0
Hypericum hircinum subsp. hircinum	0
Hypericum hircinum subsp. majus	0
Hypericum lanuginosum	- 0
Hypericum lanuginosum var. pestalozzae	0
Hypericum lanuginosum var. scabrellum	0
Hypericum lysimachioides	- 0
Hypericum lysimachioides var. lysimachioides	0
Hypericum lysimachioides var. spathulatum	0
Hypericum maculatum	- 0
Hypericum maculatum	0
Hypericum maculatum subsp. immaculatum	0
Hypericum maculatum subsp. maculatum	0
Hypericum maculatum var. immaculatum	0
Hypericum maculatum aggr.	0
Hypericum dubium	0
Hypericum olympicum	- 0
Hypericum olympicum	0
Hypericum olympicum var. tenuifolia	0
Hypericum perforatum	- 0
Hypericum perforatum	0
Hypericum perforatum subsp. veronense	0
Hypericum polyphyllum	- 0
Hypericum polyphyllum subsp. lycium	0
Hypericum polyphyllum subsp. polyphyllum	0

Hypericum polyphyllum subsp. subcordatum	0
Hypericum richeri	- 0
Hypericum richeri	0
Hypericum richeri subsp. burseri	0
Hypericum richeri subsp. grisebachii	0
Hypericum richeri subsp. richeri	0
Hypericum rochelii	- 0
Hypericum rochelii	0
Hypericum rochelii subsp. pseudotenellum	0
Hypericum rumeliacum	- 0
Hypericum rumeliacum	0
Hypericum rumeliacum subsp. apollinis	0
Hypnum cupressiforme	- 0
Hypnum cupressiforme	0
Hypnum cupressiforme subsp. resupinatum	0
Hypnum cupressiforme var. brevisetum	0
Hypnum cupressiforme var. cupressiforme	0
Hypnum cupressiforme var. elatum	0
Hypnum cupressiforme var. ericetorum	0
Hypnum cupressiforme var. filiforme	0
Hypnum cupressiforme var. imbricatum	0
Hypnum cupressiforme var. laciniatum	0
Hypnum cupressiforme var. lacunosum	0
Hypnum cupressiforme var. subjulaceum	0
Hypnum cupressiforme var. tectorum	0
Hypnum cupressiforme var. uncinatum	0
Hypnum cupressiforme var. uncinatum	0
Hypnum lacunosum	0
Hypnum lacunosum var. tectorum	0
Hypochaeris maculata	- 0
Hypochaeris maculata	0
Hypochaeris maculata subsp. pelivanovici	0
Hypochaeris maculata subsp. pelivanovicii	0
Hypochaeris maculata subsp. illyrica	0
Hypochaeris maculata subsp. pelivanovici	0
Hyssopus officinalis	- 0
Hyssopus officinalis	0
Hyssopus officinalis subsp. aristatus	0
Hyssopus officinalis subsp. canescens	0
Hyssopus officinalis subsp. montanus	0
Hyssopus officinalis subsp. officinalis	0

Hyssopus officinalis subsp. pilifer	0
Chaenorhinum origanifolium	- 0
Chaenorhinum origanifolium	0
Chaenorhinum origanifolium subsp. cadevallii	0
Chaenorhinum origanifolium subsp. crassifolium	0
Chaenorhinum origanifolium subsp. origanifolium	0
Chaenorhinum rubrifolium	- 0
Chaenorhinum rubrifolium	0
Chaenorhinum rubrifolium subsp. formenterae	0
Chaenorhinum rubrifolium subsp. raveyi	0
Chaenorhinum rubrifolium subsp. rubrifoli	0
Chaenorhinum rubrifolium subsp. rubrifolium	0
Chaenorhinum segoviense	- 0
Chaenorhinum segoviense subsp. semiglabrum	0
Chaenorhinum segoviense subsp. semiglabrum	0
Chaerophyllum bulbosum	- 0
Chaerophyllum bulbosum	0
Chaerophyllum bulbosum subsp. prescotii	0
Chaerophyllum hirsutum	- 0
Chaerophyllum hirsutum	0
Chaerophyllum hirsutum aggr.	0
Chaerophyllum hirsutum subsp. hirsutum	0
Chamaecytisus hirsutus subsp. leucotrichus	0
Chamaecytisus hirsutus var. hirsutissimis	0
Chamaecytisus proliferus	- 0
Chamaecytisus proliferus subsp. angustifolius	0
Chamaecytisus proliferus subsp. palmensis	0
Chamaecytisus proliferus subsp. proliferus	0
Chamaecytisus supinus	- 0
Chamaecytisus supinus subsp. aggregatus	0
Chamaecytisus supinus subsp. rhodopaeus	0
Chara braunii	- 0
Chara braunii	0
Chara braunii f. braunii	0
Chara contraria	- 0
Chara contraria	0
Chara contraria var. contraria	0
Chara contraria var. hispidula	0

Chara globularis	-	0
Chara globularis		0
Chara globularis var. globularis		0
Chara virgata	-	0
Chara virgata		0
Chara virgata var. annulata		0
Chara vulgaris	-	0
Chara vulgaris		0
Chara vulgaris var. vulgaris f. contaria		0
Chara vulgaris var. vulgaris f. vulgaris		0
Chenopodium album	-	0
Chenopodium album		0
Chenopodium album subsp. album		0
Chenopodium album subsp. borbasii		0
Chenopodium album subsp. iranicum		0
Chenopodium album subsp. microphyllum		0
Chenopodium album subsp. pedunculare		0
Chenopodium album subsp. striatum		0
Chenopodium album subsp. viride		0
Chenopodium album var. lanceolatifforme		0
Chenopodium strictum	-	0
Chenopodium strictum		0
Chenopodium strictum subsp. strictum		0
Chiloscyphus pallescens	-	0
Chiloscyphus pallescens		0
Chiloscyphus pallescens var. fragilis		0
Chiloscyphus pallescens		0
Chiloscyphus pallescens var. fragilis		0
Chiloscyphus polyanthos	-	0
Chiloscyphus polyanthos		0
Chiloscyphus polyanthos subsp. pallescens		0
Chiloscyphus polyanthos var. pallescens		0
Chiloscyphus polyanthos var. polyanthos		0
Chondrilla juncea	-	0
Chondrilla juncea		0
Chondrilla juncea var. juncea		0
Iberis amara	-	0
Iberis amara		0

Iberis amara subsp. amara	0
Iberis carnososa	- 0
Iberis carnososa	0
Iberis carnososa subsp. hegelmaieri	0
Iberis carnososa subsp. lereschiana	0
Iberis ciliata	- 0
Iberis ciliata	0
Iberis ciliata subsp. welwitschii	0
Iberis contracta	- 0
Iberis contracta	0
Iberis contracta subsp. contracta	0
Iberis linifolia	- 0
Iberis linifolia	0
Iberis linifolia subsp. linifolia	0
Iberis linifolia subsp. timeroyi	0
Iberis procumbens	- 0
Iberis procumbens	0
Iberis procumbens subsp. microcarpa	0
Iberis procumbens subsp. procumbens	0
Iberis saxatilis	- 0
Iberis saxatilis	0
Iberis saxatilis subsp. cinerea	0
Iberis saxatilis subsp. iberica	0
Iberis saxatilis subsp. recurvifolia	0
Iberis saxatilis subsp. saxatilis	0
Iberis spathulata	- 0
Iberis spathulata	0
Iberis spathulata subsp. nana	0
Iberis spathulata subsp. spathulata	0
Ilex perado	- 0
Ilex perado	0
Ilex perado subsp. azorica	0
Ilex perado subsp. platyphylla	0
Inula candida	- 0
Inula candida	0
Inula candida subsp. candida	0
Inula salicina	- 0



Inula salicina	0
Inula salicina subsp. sabuletorum	0
Inula verbascifolia	- 0
Inula verbascifolia	0
Inula verbascifolia subsp. aschersoniana	0
Inula verbascifolia subsp. verbascifolia	0
Iris aphylla	- 0
Iris aphylla	0
Iris aphylla subsp. hungarica	0
Iris germanica	- 0
Iris germanica	0
Iris germanica subsp. germanica var. florentina	0
Iris germanica subsp. germanica var. germanica	0
Iris graminea	- 0
Iris graminea	0
Iris graminea subsp. pseudocyperus	0
Iris lutescens	- 0
Iris lutescens	0
Iris lutescens subsp. lutescens	0
Iris pallida	- 0
Iris pallida	0
Iris pallida subsp. cengialti	0
Iris pallida subsp. illyrica	0
Iris pallida subsp. pallida	0
Iris sintenisii	- 0
Iris sintenisii	0
Iris sintenisii subsp. brandzae	0
Iris sintenisii subsp. sintenisii	0
Iris spuria	- 0
Iris spuria	0
Iris spuria subsp. maritima	0
Iris unguicularis	- 0
Iris unguicularis	0
Iris unguicularis subsp. carica	0
Iris unguicularis subsp. cretensis	0
Isatis cappadocica	- 0
Isatis cappadocica subsp. alyssifolia	0

Isatis cappadocica subsp. cappadocica	0
Isatis cappadocica subsp. macrocarpa	0
Isatis cappadocica subsp. nurihakensis	0
Isatis cappadocica subsp. steveniana	0
Isatis cappadocica subsp. subradiata var. gudrunen	0
Isatis cappadocica subsp. subradiata var. subradia	0
Isatis glauca	- 0
Isatis glauca subsp. exauriculata	0
Isatis glauca subsp. glauca	0
Isatis glauca subsp. iconia	0
Isatis tinctoria	- 0
Isatis tinctoria	0
Isatis tinctoria subsp. tinctoria	0
Isatis tinctoria var. praecox	0
Isoetes histrix	- 0
Isoetes histrix	0
Isoetes histrix var. histrix	0
Isoetes histrix var. subinermis	0
Isoetes velata	- 0
Isoetes velata	0
Isoetes velata subsp. asturicense	0
Isoetes velata subsp. velata	0
Isoethecium alopecuroides	- 0
Isoethecium alopecuroides	0
Isoethecium alopecuroides var. alopecuroides	0
Isoethecium myosuroides	- 0
Isoethecium myosuroides	0
Isoethecium myosuroides subsp. brevinerve	0
Isoethecium myosuroides var. brachytheccioi	0
Isoethecium myosuroides var. brachytheციoides	0
Jacobaea abrotanifolia	- 0
Jacobaea abrotanifolia	0
Jacobaea abrotanifolia subsp. carpathica	0
Jacobaea abrotanifolia subsp. carpathica	0
Senecio abrotanifolius	0
Senecio abrotanifolius subsp. abrotanifolius	0
Senecio abrotanifolius subsp. tirolensis	0
Jacobaea aquatica	- 0
Jacobaea aquatica	0

Jacobaea aquatica var. aquatica	0
Jacobaea erucifolia	- 0
Jacobaea erucifolia	0
Jacobaea erucifolia subsp. arenaria	0
Jacobaea erucifolia subsp. tenuifolia	0
Jacobaea maritima	- 0
Jacobaea maritima	0
Jacobaea maritima subsp. bicolor	0
Jacobaea paludosa	- 0
Jacobaea paludosa	0
Jacobaea paludosa subsp. lanata	0
Jacobaea vulgaris	- 0
Jacobaea vulgaris	0
Jacobaea vulgaris subsp. dunensis	0
Jasione crispa	- 0
Jasione crispa	0
Jasione crispa subsp. brevisepala	0
Jasione crispa subsp. cavanillesii	0
Jasione crispa subsp. crispa	0
Jasione crispa subsp. tomentosa	0
Jasione crispa subsp. tristis	0
Jasione maritima	0
Jasione sessiliflora	0
Jasione cavanillesii	0
Jasione laevis	- 0
Jasione laevis	0
Jasione laevis subsp. carpetana	0
Jasione laevis subsp. laevis	0
Jasione montana	- 0
Jasione montana	0
Jasione montana subsp. montana	0
Jasione montana var. aristulata	0
Jasione montana var. litoralis	0
Jasione montana s.l.	0
Jasione orbiculata	- 0
Jasione orbiculata	0
Jasione orbiculata var. bulgarica	0
Jovibarba globifera	- 0

Jovibarba globifera	0
Jovibarba globifera subsp. allionii	0
Jovibarba globifera subsp. arenaria	0
Jovibarba globifera subsp. globifera	0
Jovibarba globifera subsp. hirta	0
Jovibarba heuffelii	- 0
Jovibarba heuffelii	0
Jovibarba heuffelii var. kopaonikense	0
Juncus alpinoarticulatus	- 0
Juncus alpinoarticulatus subsp. alpestris	0
Juncus alpinoarticulatus subsp. rariflorus	0
Juncus articulatus	- 0
Juncus articulatus	0
Juncus articulatus subsp. articulatus	0
Juncus articulatus subsp. litoralis	0
Juncus balticus	- 0
Juncus balticus	0
Juncus balticus subsp. pyrenaeus	0
Juncus bufonius	- 0
Juncus bufonius	0
Juncus bufonius subsp. hybridus	0
Juncus bufonius aggr.	0
Juncus hybridus	0
Juncus bulbosus	- 0
Juncus bulbosus	0
Juncus bulbosus subsp. kochii	0
Juncus compressus	- 0
Juncus compressus	0
Juncus compressus aggr.	0
Juncus conglomeratus	- 0
Juncus conglomeratus	0
Juncus conglomeratus var. subuliflorus	0
Juncus effusus	- 0
Juncus effusus	0
Juncus effusus subsp. compactus	0
Juncus effusus subsp. effusus	0
Juncus effusus var. agregatus	0
Juncus effusus var. subglomeratus	0

Juncus gerardi	-	0
Juncus gerardi		0
Juncus gerardi subsp. atrofuscus		0
Juncus compressus subsp. gerardii		0
Juncus tenageia	-	0
Juncus tenageia		0
Juncus tenageia subsp. perpusillus		0
Juncus tenageia subsp. tenageia		0
Juncus trifidus	-	0
Juncus trifidus		0
Juncus monanthos		0
Jungermannia exsertifolia	-	0
Jungermannia exsertifolia		0
Jungermannia exsertifolia var. cordifolia		0
Jungermannia exsertifolia		0
Jungermannia exsertifolia subsp. cordifolia		0
Juniperus communis subsp. nana	-	0
Juniperus communis subsp. nana		0
Juniperus nana		0
Juniperus communis subsp. communis	-	0
Juniperus communis		0
Juniperus communis subsp. communis		0
Juniperus intermedius		0
Juniperus communis var. intermedia		0
Juniperus oxycedrus	-	0
Juniperus oxycedrus		0
Juniperus oxycedrus subsp. badia		0
Juniperus oxycedrus subsp. macrocarpa		0
Juniperus oxycedrus subsp. oxycedrus		0
Juniperus oxycedrus subsp. transtagana		0
Juniperus phoenicea	-	0
Juniperus phoenicea		0
Juniperus phoenicea subsp. phoenicea		0
Juniperus phoenicea subsp. turbinata		0
Juniperus phoenicea var. lycia		0
Jurinea humilis	-	0
Jurinea humilis		0
Jurinea humilis subsp. humilis		0

Jurinea mollis	-	0
Jurinea mollis		0
Jurinea mollis subsp. dobrogensis		0
Jurinea mollis subsp. dolomitica		0
Jurinea mollis subsp. mollis		0
Jurinea mollis subsp. transylvanica		0
Jurinea mollissima		0
Kerneria saxatilis	-	0
Kerneria saxatilis		0
Kerneria saxatilis subsp. saxatilis		0
Kickxia commutata	-	0
Kickxia commutata		0
Kickxia commutata subsp. commutata		0
Kickxia commutata subsp. graeca		0
Kickxia elatine	-	0
Kickxia elatine		0
Kickxia elatine subsp. crinita		0
Kickxia elatine subsp. elatine		0
Kickxia spuria	-	0
Kickxia spuria		0
Kickxia spuria subsp. integrifolia		0
Kickxia spuria subsp. spuria		0
Klasea baetica	-	0
Klasea baetica		0
Klasea baetica subsp. alcalae		0
Klasea flavescens	-	0
Klasea flavescens		0
Klasea flavescens subsp. leucantha		0
Klasea flavescens subsp. neglecta		0
Klasea radiata	-	0
Klasea radiata		0
Klasea radiata subsp. gmelinii		0
Knautia arvensis	-	0
Knautia arvensis		0
Knautia arvensis subsp. arvensis		0
Knautia arvensis subsp. pannonica		0
Knautia arvensis subsp. rosea		0
Knautia arvensis subsp. serpentinicola		0

Knautia arvernensis	-	0
Knautia arvernensis		0
Knautia arvernensis subsp. catalaunica		0
Knautia dinarica	-	0
Knautia dinarica		0
Knautia dinarica subsp. silana		0
Knautia dipsacifolia	-	0
Knautia dipsacifolia		0
Knautia dipsacifolia subsp. dipsacifolia		0
Knautia dipsacifolia subsp. gracilis		0
Knautia dipsacifolia subsp. lancifolia		0
Knautia dipsacifolia subsp. pocutica		0
Knautia drymeia	-	0
Knautia drymeia		0
Knautia drymeia subsp. centrifrons		0
Knautia drymeia subsp. drymeia		0
Knautia drymeia subsp. intermedia		0
Knautia drymeia subsp. nympharum		0
Knautia drymeia subsp. tergestina		0
Knautia integrifolia	-	0
Knautia integrifolia		0
Knautia integrifolia subsp. integrifolia		0
Knautia integrifolia subsp. mimica		0
Knautia integrifolia var. bidens		0
Knautia kitaibelii	-	0
Knautia kitaibelii		0
Knautia kitaibelii subsp. kitaibelii		0
Knautia macedonica	-	0
Knautia macedonica		0
Knautia macedonica var. lyrophylla		0
Knautia purpurea	-	0
Knautia purpurea		0
Knautia purpurea subsp. purpurea		0
Koeleria eriostachya	-	0
Koeleria eriostachya		0
Koeleria eriostachya var. carniolica f. typica		0
Koeleria glauca	-	0

Koeleria glauca	0
Koeleria glauca subsp. glauca	0
Koeleria glauca subsp. sabuletorum	0
Koeleria macrantha	- 0
Koeleria macrantha	0
Koeleria macrantha subsp. macrantha	0
Koeleria pyramidata	- 0
Koeleria pyramidata	0
Koeleria pyramidata subsp. ciliata	0
Koeleria pyramidata subsp. montana	0
Koeleria pyramidata subsp. pyramidata	0
Koeleria splendens	- 0
Koeleria splendens	0
Koeleria splendens f. ciliata	0
Koeleria splendens subsp. brutia	0
Koeleria splendens subsp. grandiflora	0
Koeleria splendens subsp. splendens	0
Splendens subsp. brutia	0
Koeleria vallesiana	- 0
Koeleria vallesiana	0
Koeleria vallesiana subsp. castellana	0
Koeleria vallesiana subsp. humilis	0
Koeleria vallesiana subsp. vallesiana	0
Laburnum anagyroides	- 0
Laburnum anagiroides	0
Laburnum anagyroides	0
Laburnum anagyroides subsp. anagyroides	0
Lactuca macrophylla	- 0
Lactuca macrophylla	0
Lactuca macrophylla subsp. uralensis	0
Lactuca quercina	- 0
Lactuca quercina	0
Lactuca quercina subsp. quercina var. integrifolia	0
Lactuca quercina subsp. stricta	0
Lactuca serriola	- 0
Lactuca serriola	0
Lactuca serriola f. integrifolia	0
Lactuca serriola var. intergrata	0



Lactuca viminea	-	0
Lactuca viminea		0
Lactuca viminea subsp. alpestris		0
Lactuca viminea subsp. chondrilliflora		0
Lactuca viminea subsp. ramosissima		0
Lactuca viminea subsp. viminea		0
Lactuca virosa	-	0
Lactuca virosa		0
Lactuca virosa subsp. livida		0
Lactuca virosa subsp. virosa		0
Lagurus ovatus	-	0
Lagurus ovatus		0
Lagurus ovatus subsp. ovatus		0
Lamium amplexicaule	-	0
Lamium amplexicaule		0
Lamium amplexicaule subsp. amplexicaule		0
Lamium amplexicaule subsp. orientale		0
Lamium amplexicaule var. orientale		0
Lamium bifidum	-	0
Lamium bifidum		0
Lamium bifidum subsp. balcanicum		0
Lamium bifidum subsp. bifidum		0
Lamium galeobdolon	-	0
Lamium galeobdolon		0
Lamium galeobdolon subsp. argentatum		0
Lamium galeobdolon subsp. galeobdolon		0
Galeobdolon flavidum + montanum		0
Lamiastrum flavidum		0
Lamium galeobdolon subsp. flavidum		0
Lamium galeobdolon subsp. montanum		0
Lamiastrum galeobdolon subsp. flavidum		0
Lamiastrum galeobdolon subsp. montanum		0
Lamium garganicum	-	0
Lamium garganicum		0
Lamium garganicum subsp. corsicum		0
Lamium garganicum subsp. garganicum		0
Lamium garganicum subsp. reniforme		0
Lamium garganicum subsp. striatum		0
Lamium maculatum	-	0
Lamium maculatum		0

Lamium maculatum subsp. cupreum	0
Lamium maculatum subsp. maculatum	0
Lamium purpureum	- 0
Lamium purpureum	0
Lamium purpureum var. hybridum	0
Lamium purpureum var. moluccellifolium	0
Lamium tomentosum	- 0
Lamium tomentosum	0
Lamium tomentosum var. alpestre	0
Lapsana communis	- 0
Lapsana communis	0
Lapsana communis subsp. adenophora	0
Lapsana communis subsp. alpina	0
Lapsana communis subsp. communis	0
Lapsana communis subsp. grandiflora	0
Lapsana communis subsp. intermedia	0
Lapsana communis subsp. pisidica	0
Larix decidua	- 0
Larix decidua	0
Larix decidua subsp. carpatica	0
Larix decidua subsp. polonica	0
Larix x eurolepis	- 0
Larix eurolepis	0
Laserpitium eliasii	- 0
Laserpitium eliasii	0
Laserpitium eliasii subsp. thalictrifolium	0
Laserpitium halleri	- 0
Laserpitium halleri	0
Laserpitium halleri subsp. cynapifolium	0
Laserpitium halleri subsp. halleri	0
Laserpitium krapfii	- 0
Laserpitium krapfii	0
Laserpitium krapfii subsp. gaudinii	0
Laserpitium krapfii subsp. krapfii	0
Laserpitium latifolium	- 0
Laserpitium latifolium	0
Laserpitium latifolium subsp. latifolium	0
Laserpitium latifolium subsp. nevadense	0

Laserpitium nestleri	-	0
Laserpitium nestleri		0
Laserpitium nestleri subsp. flabellatum		0
Laserpitium prutenicum	-	0
Laserpitium prutenicum		0
Laserpitium prutenicum subsp. dufourianum		0
Laserpitium prutenicum subsp. prutenicum		0
Laserpitium siler	-	0
Laserpitium siler		0
Laserpitium siler subsp. garganicum		0
Laserpitium siler subsp. laeve		0
Laserpitium siler subsp. siculum		0
Laserpitium siler subsp. siler		0
Laserpitium siler subsp. zernyi		0
Laserpitium siler var. macrophyllum		0
Lathyrus aphaca	-	0
Lathyrus aphaca		0
Lathyrus aphaca subsp. aphaca		0
Lathyrus aphaca var. aphaca		0
Lathyrus aphaca var. pseudoaphaca		0
Lathyrus filiformis	-	0
Lathyrus filiformis		0
Lathyrus filiformis var. ensifolius		0
Lathyrus japonicus	-	0
Lathyrus japonicus		0
Lathyrus japonicus subsp. japonicus		0
Lathyrus japonicus subsp. maritimus		0
Lathyrus laevigatus	-	0
Lathyrus laevigatus		0
Lathyrus laevigatus subsp. laevigatus		0
Lathyrus laevigatus subsp. occidentalis		0
Lathyrus latifolius	-	0
Lathyrus latifolius		0
Lathyrus latifolius subsp. ensifolius		0
Lathyrus linifolius	-	0
Lathyrus linifolius		0
Lathyrus linifolius subsp. montanus		0

Lathyrus niger	-	0
Lathyrus niger		0
Lathyrus niger subsp. jordanii		0
Lathyrus niger subsp. niger		0
Lathyrus nissolia	-	0
Lathyrus nissolia		0
Lathyrus nissolia subsp. nissolia		0
Lathyrus palustris	-	0
Lathyrus palustris		0
Lathyrus palustris subsp. nudicaulis		0
Lathyrus pannonicus	-	0
Lathyrus pannonicus		0
Lathyrus pannonicus subsp. asphodeloides		0
Lathyrus pannonicus subsp. collinus		0
Lathyrus pannonicus subsp. hispanicus		0
Lathyrus pannonicus subsp. longiestipulat		0
Lathyrus pannonicus subsp. pannonicus		0
Lathyrus pratensis	-	0
Lathyrus pratensis		0
Lathyrus pratensis subsp. pratensis		0
Lathyrus pratensis var. binatus		0
Lathyrus rotundifolius	-	0
Lathyrus rotundifolius		0
Lathyrus rotundifolius subsp. miniatus		0
Lathyrus venetus	-	0
Lathyrus venetus		0
Lathyrus venetus var. venetus		0
Lathyrus vernus	-	0
Lathyrus vernus		0
Lathyrus vernus subsp. flaccidus		0
Lathyrus vernus subsp. gracilis		0
Lathyrus vernus subsp. vernus		0
Lathyrus vernus var. vernus		0
Lavandula angustifolia	-	0
Lavandula angustifolia		0
Lavandula angustifolia subsp. angustifolia		0
Lavandula angustifolia subsp. pyrenaica		0
Lavandula pedunculata	-	0

Lavandula pedunculata	0
Lavandula pedunculata subsp. cariensis	0
Lavandula pedunculata subsp. lusitanica	0
Lavandula pedunculata subsp. sampaiana	0
Lavandula stoechas	- 0
Lavandula stoechas	0
Lavandula stoechas subsp. luisieri	0
Lavandula stoechas subsp. lusitanica	0
Lavandula stoechas subsp. sampaiana	0
Lavandula stoechas subsp. stoechas	0
Lecanora epibryon	- 0
Lecanora epibryon	0
Lecanora epibryon var. bryospora	0
Lecanora epibryon var. epibryon	0
Lecanora hagenii	- 0
Lecanora hagenii	0
Lecanora hagenii f. populina	0
Lecanora hagenii var. fallax	0
Lecanora hagenii var. hagenii	0
Lecanora radiosa	- 0
Lecanora radiosa	0
Lecanora radiosa var. subcrinata	0
Lecanora rupicola	- 0
Lecanora rupicola	0
Lecanora rupicola subsp. rupicola	0
Lecanora rupicola subsp. subplanata	0
Lecidea elaechroma	- 0
Lecidea elaechroma	0
Lecidea elaechroma f. flavicans	0
Lecidea macrocarpa	- 0
Lecidea macrocarpa	0
Lecidea macrocarpa f. contigua	0
Lecidea macrocarpa var. phaca	0
Lembotropis nigricans	- 0
Lembotropis nigricans	0
Lembotropis nigricans subsp. nigricans	0
Lens culinaris	- 0
Lens culinaris	0

<i>Lens culinaris</i> subsp. <i>orientalis</i>	0
<i>Leontice leontopetalum</i>	- 0
<i>Leontice leontopetalum</i>	0
<i>Leontice leontopetalum</i> subsp. <i>ewersmannii</i>	0
<i>Leontice leontopetalum</i> subsp. <i>leontopetalum</i>	0
<i>Leontodon crispus</i>	- 0
<i>Leontodon crispus</i>	0
<i>Leontodon crispus</i> subsp. <i>asper</i>	0
<i>Leontodon crispus</i> subsp. <i>asper</i> var. <i>asper</i>	0
<i>Leontodon crispus</i> subsp. <i>crispus</i>	0
<i>Leontodon crispus</i> subsp. <i>rossianus</i>	0
<i>Leontodon biscutellifolius</i>	0
<i>Leontodon bourgaeanus</i>	0
<i>Leontodon hispidus</i>	- 0
<i>Leontodon hispidus</i>	0
<i>Leontodon hispidus</i> subsp. <i>brumatii</i>	0
<i>Leontodon hispidus</i> subsp. <i>hastilis</i>	0
<i>Leontodon hispidus</i> subsp. <i>hispidus</i>	0
<i>Leontodon hispidus</i> subsp. <i>montanus</i>	0
<i>Leontodon hispidus</i> subsp. <i>opimus</i>	0
<i>Leontodon hispidus</i> aggr.	0
<i>Leontodon hyoseroides</i>	- 0
<i>Leontodon hyoseroides</i>	0
<i>Leontodon hyoseroides</i> subsp. <i>pseudocrispus</i>	0
<i>Leontodon incanus</i>	- 0
<i>Leontodon incanus</i>	0
<i>Leontodon incanus</i> subsp. <i>incanus</i>	0
<i>Leontodon tenuiflorus</i>	0
<i>Leontodon incanus/tenuiflorus</i>	0
<i>Leontodon montanus</i>	- 0
<i>Leontodon montanus</i> subsp. <i>breviscapus</i>	0
<i>Leontodon montanus</i> subsp. <i>montaniformis</i>	0
<i>Leontodon montanus</i> subsp. <i>montanus</i>	0
<i>Leontodon saxatilis</i>	- 0
<i>Leontodon saxatilis</i>	0
<i>Leontodon saxatilis</i> subsp. <i>rothii</i>	0
<i>Leontodon saxatilis</i> var. <i>arenaria</i>	0
<i>Leontodon taraxacoides</i> subsp. <i>taraxacoides</i>	0
<i>Leontodon taraxacoides</i> s.l.	0

Leontopodium nivale	-	0
Leontopodium nivale		0
Leontopodium nivale subsp. alpinum		0
Leonurus cardiaca	-	0
Leonurus cardiaca		0
Leonurus cardiaca subsp. cardiaca		0
Leonurus quinquelobatus		0
Lepidium cartilagineum	-	0
Lepidium cartilagineum		0
Lepidium cartilagineum subsp. crassifolium		0
Lepidium draba	-	0
Lepidium draba		0
Lepidium draba subsp. draba		0
Lepidium hirtum	-	0
Lepidium hirtum		0
Lepidium hirtum subsp. calycotrichum		0
Lepidium hirtum subsp. nebrodense		0
Lepidium hirtum subsp. oxyotum		0
Lepidium hirtum subsp. petrophilum		0
Lepidium hirtum subsp. stylatum		0
Lepidium sativum	-	0
Lepidium sativum		0
Lepidium sativum subsp. sativum		0
Lepidium sativum subsp. spinescens		0
Lepidium villarsii	-	0
Lepidium villarsii		0
Lepidium villarsii subsp. villarsii		0
Leptogium lichenoides	-	0
Leptogium lichenoides		0
Leptogium lichenoides var. pulvinatum		0
Leskea polycarpa	-	0
Leskea polycarpa		0
Leskea polycarpa var. exilis		0
Leucanthemopsis alpina	-	0
Leucanthemopsis alpina		0
Leucanthemopsis alpina subsp. alpina		0
Leucanthemopsis alpina subsp. cuneata		0
Leucanthemopsis alpina subsp. tatrae		0

Leucanthemopsis alpina subsp. tomentosa	0
Leucanthemopsis flaveola	- 0
Leucanthemopsis flaveola	0
Leucanthemopsis flaveola subsp. alpestris	0
Leucanthemopsis pallida	- 0
Leucanthemopsis pallida	0
Leucanthemopsis pallida subsp. alpina	0
Leucanthemopsis pallida subsp. pallida	0
Leucanthemopsis pallida subsp. spathulifolia	0
Leucanthemopsis pallida subsp. virescens	0
Leucanthemopsis pulverulenta	- 0
Leucanthemopsis pulverulenta	0
Leucanthemopsis pulverulenta subsp. pulverulenta	0
Leucanthemum coronopifolium	- 0
Leucanthemum coronopifolium	0
Leucanthemum coronopifolium subsp. ceratophylloide	0
Leucanthemum coronopifolium subsp. coronopifolium	0
Leucanthemum coronopifolium subsp. tenuifolium	0
Leucanthemum gaudinii	- 0
Leucanthemum gaudinii	0
Leucanthemum gaudinii subsp. barrelieri	0
Leucanthemum gaudinii subsp. cantabricum	0
Leucanthemum vulgare aggr.	- 0
Leucanthemum vulgare aggr.	0
Leucanthemum ircutianum	0
Leucanthemum ircutianum subsp. cantabricum	0
Leucanthemum ircutianum subsp. pseudosylvaticum	0
Leucanthemum ircutianum subsp. leucolepis	0
Leucanthemum vulgare	0
Leucanthemum ircutianum subsp. crassifolium	0
Leucanthemum catalaunicum	0
Leucanthemum vulgare subsp. eliasii	0
Leucanthemum vulgare subsp. pujiulae	0
Leucanthemum vulgare subsp. vulgare	0
Leucobryum glaucum	- 0
Leucobryum glaucum	0
Leucobryum glaucum aggr.	0
Leucobryum juniperoides	0
Leucobryum juniperoideum	0



Leucojum aestivum	-	0
Leucojum aestivum		0
Leucojum aestivum subsp. aestivum		0
Leucojum aestivum subsp. pulchellum		0
Leucopoa pulchella	-	0
Leucopoa pulchella		0
Leucopoa pulchella subsp. jurana		0
Leymus racemosus	-	0
Leymus racemosus		0
Leymus racemosus subsp. sabulosus		0
Ligusticum lucidum	-	0
Ligusticum lucidum		0
Ligusticum lucidum subsp. cuneifolium		0
Ligusticum lucidum subsp. lucidum		0
Lilium bulbiferum	-	0
Lilium bulbiferum		0
Lilium bulbiferum subsp. bulbiferum		0
Lilium bulbiferum subsp. bulbiferum var. bulbiferu		0
Lilium bulbiferum subsp. bulbiferum var. croceum		0
Lilium carniolicum	-	0
Lilium carniolicum		0
Lilium carniolicum subsp. albanicum		0
Lilium martagon	-	0
Lilium martagon		0
Lilium martagon f. hirsutum		0
Lilium martagon f. lanigerum		0
Lilium martagon var. cattanicae		0
Lilium martagon var. pilosiusculum		0
Limodorum abortivum	-	0
Limodorum abortivum		0
Limodorum abortivum subsp. abortivum		0
Limodorum abortivum subsp. trabutianum		0
Limodorum abortivum var. abortivum		0
Limonium acutifolium	-	0
Limonium acutifolium		0
Limonium acutifolium subsp. nymphaeum		0
Limonium articulatum	-	0
Limonium articulatum		0

<i>Limonium articulatum</i> subsp. <i>dictyocladum</i>	0
<i>Limonium danubiale</i>	- 0
<i>Limonium bellidifolium</i> subsp. <i>danubiale</i>	0
<i>Limonium catalaunicum</i>	- 0
<i>Limonium catalaunicum</i>	0
<i>Limonium catalaunicum</i> subsp. <i>procerum</i>	0
<i>Limonium tournefortii</i>	- 0
<i>Limonium tournefortii</i>	0
<i>Limonium delicatulum</i> subsp. <i>tournefortii</i>	0
<i>Limonium graecum</i>	- 0
<i>Limonium graecum</i>	0
<i>Limonium graecum</i> subsp. <i>graecum</i>	0
<i>Limonium merxmueelleri</i>	- 0
<i>Limonium merxmueelleri</i>	0
<i>Limonium merxmueelleri</i> subsp. <i>sulcitanum</i>	0
<i>Limonium minutum</i>	- 0
<i>Limonium minutum</i>	0
<i>Limonium minutum</i> subsp. <i>minutum</i>	0
<i>Limonium oleifolium</i>	- 0
<i>Limonium oleifolium</i>	0
<i>Limonium oleifolium</i> subsp. <i>oleifolium</i>	0
<i>Limonium ramosissimum</i>	- 0
<i>Limonium ramosissimum</i> subsp. <i>confusum</i>	0
<i>Limonium ramosissimum</i> subsp. <i>provinciale</i>	0
<i>Limonium vulgare</i>	- 0
<i>Limonium vulgare</i>	0
<i>Limonium vulgare</i> subsp. <i>vulgare</i>	0
<i>Linaria aeruginea</i>	- 0
<i>Linaria aeruginea</i>	0
<i>Linaria aeruginea</i> subsp. <i>aeruginea</i>	0
<i>Linaria alpina</i>	- 0
<i>Linaria alpina</i>	0
<i>Linaria alpina</i> subsp. <i>aciculifolia</i>	0
<i>Linaria alpina</i> subsp. <i>alpina</i>	0
<i>Linaria alpina</i> subsp. <i>petraea</i>	0

Linaria biebersteinii	-	0
Linaria biebersteinii		0
Linaria biebersteinii subsp. maeotica		0
Linaria biebersteinii subsp. ruthenica		0
Linaria caesia	-	0
Linaria caesia		0
Linaria caesia var. decumbens		0
Linaria filicaulis	-	0
Linaria filicaulis		0
Linaria filicaulis subsp. faucicola		0
Linaria filicaulis subsp. filicaulis		0
Linaria flava	-	0
Linaria flava		0
Linaria flava subsp. oligantha		0
Linaria genistifolia	-	0
Linaria genistifolia		0
Linaria genistifolia subsp. confertiflora		0
Linaria genistifolia subsp. dalmatica		0
Linaria genistifolia subsp. euxina		0
Linaria genistifolia subsp. genistifolia		0
Linaria genistifolia subsp. sofiana		0
Linaria glauca	-	0
Linaria glauca		0
Linaria glauca subsp. aragonensis		0
Linaria glauca subsp. bubanii		0
Linaria glauca subsp. glauca		0
Linaria chalepensis	-	0
Linaria chalepensis		0
Linaria chalepensis var. chalepensis		0
Linaria multicaulis	-	0
Linaria multicaulis subsp. humilis		0
Linaria multicaulis subsp. multicaulis var. messan		0
Linaria odora	-	0
Linaria odora		0
Linaria odora subsp. dulcis		0
Linaria peloponesiaca	-	0
Linaria peloponesiaca		0
Linaria peloponesiaca var. parnassica		0

<i>Linaria polygalifolia</i>	-	0
<i>Linaria polygalifolia</i>		0
<i>Linaria polygalifolia</i> subsp. <i>lamarckii</i>		0
<i>Linaria polygalifolia</i> subsp. <i>polygalifolia</i>		0
<i>Linaria saturejoides</i>	-	0
<i>Linaria saturejoides</i>		0
<i>Linaria saturejoides</i> subsp. <i>angustealata</i>		0
<i>Linaria saxatilis</i>	-	0
<i>Linaria saxatilis</i>		0
<i>Linaria saxatilis</i> subsp. <i>glabrescens</i>		0
<i>Linaria serpyllifolia</i>	-	0
<i>Linaria serpyllifolia</i>		0
<i>Linaria serpyllifolia</i> subsp. <i>robusta</i>		0
<i>Linaria supina</i>	-	0
<i>Linaria supina</i>		0
<i>Linaria supina</i> subsp. <i>depauperata</i>		0
<i>Linaria supina</i> subsp. <i>maritima</i>		0
<i>Linaria supina</i> subsp. <i>supina</i>		0
<i>Linaria vulgaris</i>	-	0
<i>Linaria vulgaris</i>		0
<i>Linaria vulgaris</i> subsp. <i>vulgaris</i>		0
<i>Linum alpinum</i>	-	0
<i>Linum alpinum</i>		0
<i>Linum alpinum</i> subsp. <i>gracilius</i>		0
<i>Linum arboreum</i>	-	0
<i>Linum arboreum</i>		0
<i>Linum arboreum</i> var. <i>minor</i>		0
<i>Linum austriacum</i>	-	0
<i>Linum austriacum</i>		0
<i>Linum austriacum</i> subsp. <i>austriacum</i>		0
<i>Linum austriacum</i> subsp. <i>collinum</i>		0
<i>Linum austriacum</i> subsp. <i>euxinum</i>		0
<i>Linum austriacum</i> subsp. <i>glaucescens</i>		0
<i>Linum austriacum</i> subsp. <i>marschallianum</i>		0
<i>Linum austriacum</i> subsp. <i>tommasinii</i>		0
<i>Linum capitatum</i>	-	0
<i>Linum capitatum</i>		0

Linum capitatum subsp. capitatum	0
Linum capitatum subsp. serrulatum	0
Linum catharticum	- 0
Linum catharticum	0
Linum catharticum subsp. suecicum	0
Linum flavum	- 0
Linum flavum	0
Linum flavum subsp. albanicum	0
Linum flavum subsp. flavum	0
Linum flavum subsp. scabrinerve	0
Linum hirsutum	- 0
Linum hirsutum	0
Linum hirsutum subsp. anatolicum var. anatolicum	0
Linum hirsutum subsp. anatolicum var. platyphyllum	0
Linum hirsutum subsp. byzantinum	0
Linum hirsutum subsp. glabrescens	0
Linum hirsutum subsp. hirsutum	0
Linum hirsutum subsp. oreocaricum	0
Linum hirsutum subsp. pseudoanatolicum	0
Linum mucronatum	- 0
Linum mucronatum subsp. armenum	0
Linum mucronatum subsp. gypsicola var. gypsicola	0
Linum mucronatum subsp. gypsicola var. papilliferu	0
Linum mucronatum subsp. mucronatum	0
Linum mucronatum subsp. orientale	0
Linum perenne	- 0
Linum perenne	0
Linum perenne subsp. anglicum	0
Linum perenne subsp. montanum	0
Linum pubescens	- 0
Linum pubescens	0
Linum pubescens subsp. pubescens	0
Linum punctatum	- 0
Linum punctatum	0
Linum punctatum subsp. pycnophyllum	0
Linum strictum aggr.	- 0
Linum strictum	0
Linum corymbulosum	0
Linum strictum subsp. spicatum	0

Linum strictum subsp. strictum	0
Linum strictum var. spicatum	0
Linum strictum var. strictum	0
Linum suffruticosum aggr.	- 0
Linum suffruticosum	0
Linum appressum	0
Linum salsoloides	0
Linum suffruticosum subsp. differens	0
Linum suffruticosum subsp. milletii	0
Linum suffruticosum subsp. suffruticosum	0
Linum suffruticosum s.l.	0
Linum tauricum	- 0
Linum tauricum	0
Linum tauricum subsp. albanicum	0
Linum tauricum subsp. bosphori	0
Linum tauricum subsp. bulgaricum	0
Linum tauricum subsp. linearifolium	0
Linum tauricum subsp. serbicum	0
Linum tauricum subsp. tauricum	0
Linum tenuifolium	- 0
Linum tenuifolium	0
Linum tenuifolium f. tenuifolium	0
Linum trigynum	- 0
Linum trigynum	0
Linum trigynum subsp. trigynum	0
Linum ucranicum	- 0
Linum ucranicum	0
Linum ucranicum subsp. uralense	0
Liquidambar orientalis	- 0
Liquidambar orientalis	0
Liquidambar orientalis var. orientalis	0
Lobularia canariensis	- 0
Lobularia canariensis	0
Lobularia canariensis subsp. intermedia	0
Lobularia canariensis subsp. marginata	0
Lolium multiflorum	- 0
Lolium multiflorum	0
Lolium multiflorum subsp. multiflorum	0

Lolium perenne	-	0
Lolium perenne		0
Lolium perenne var. humile		0
Lolium rigidum	-	0
Lolium rigidum		0
Lolium rigidum subsp. lepturoides		0
Lolium rigidum subsp. rigidum		0
Lolium rigidum var. lepturoides		0
Lolium temulentum	-	0
Lolium temulentum		0
Lolium temulentum subsp. temulentum		0
Lomelosia crenata	-	0
Lomelosia crenata		0
Lomelosia crenata subsp. crenata		0
Lomelosia crenata subsp. dallaportae		0
Lomelosia crenata subsp. pseudisetensis		0
Lomelosia graminifolia	-	0
Lomelosia graminifolia		0
Lomelosia graminifolia subsp. graminifolia		0
Lomelosia stellata	-	0
Lomelosia stellata		0
Lomelosia simplex subsp. simplex		0
Lomelosia simplex subsp. dentata		0
Lonicera caerulea	-	0
Lonicera caerulea		0
Lonicera caerulea subsp. caerulea		0
Lonicera caerulea subsp. pallasii		0
Lonicera caprifolium	-	0
Lonicera caprifolia		0
Lonicera caprifolium		0
Lonicera caucasica	-	0
Lonicera caucasica subsp. caucasica		0
Lonicera caucasica subsp. orientalis		0
Lonicera etrusca	-	0
Lonicera etrusca		0
Lonicera etrusca var. etrusca		0
Lonicera etrusca var. hispidula		0

Lonicera nummulariifolia	-	0
Lonicera nummulariifolia		0
Lonicera nummulariifolia subsp. glandulifera		0
Lonicera nummulariifolia subsp. nummulariifolia		0
Lonicera periclymenum	-	0
Lonicera periclymenum		0
Lonicera periclymenum subsp. hispanica		0
Lonicera periclymenum subsp. periclymenum		0
Lonicera periclymenum subsp. periclymenum var. per		0
Lonicera periclymenum subsp. valentina		0
Lonicera pyrenaica	-	0
Lonicera pyrenaica		0
Lonicera pyrenaica subsp. pyrenaica		0
Lonicera xylosteum	-	0
Lonicera xylosteum		0
Lonicera xylosteum var. xylosteum		0
Lophocolea bidentata	-	0
Lophocolea bidentata		0
Lophocolea bidentata var. bidentata		0
Lophocolea bidentata var. rivularis		0
Lophozia capitata	-	0
Lophozia capitata		0
Lophozia capitata subsp. capitata		0
Lophozia ventricosa	-	0
Lophozia ventricosa		0
Lophozia ventricosa var. confertifolia		0
Lophozia ventricosa var. longiflora		0
Lophozia ventricosa var. silvicola		0
Lophozia ventricosa var. ventricosa		0
Lotus alpinus	-	0
Lotus corniculatus var. alpinus		0
Lotus alpicola		0
Lotus alpinus		0
Lotus conjugatus	-	0
Lotus conjugatus		0
Lotus conjugatus subsp. conjugatus		0
Lotus corniculatus	-	0
Lotus corniculatus		0



Lotus corniculatus f. ciliata	0
Lotus corniculatus f. ciliatus	0
Lotus corniculatus f. hirsutus	0
Lotus corniculatus ssp./var. corniculatus f. cilia	0
Lotus corniculatus subsp. corniculatus	0
Lotus corniculatus subsp. glacialis	0
Lotus corniculatus var. arvensis	0
Lotus corniculatus var. ciliatus	0
Lotus corniculatus var. crassifolius	0
Lotus corniculatus var. schoelleri	0
Lotus corniculatus aggr.	0
Lotus creticus	- 0
Lotus creticus	0
Lotus creticus subsp. creticus	0
Lotus cytisoides	- 0
Lotus cytisoides	0
Lotus cytisoides subsp. conradiae	0
Lotus gebelia	- 0
Lotus gebelia var. gebelia	0
Lotus gebelia var. hirsutissimus	0
Lotus subbiflorus	- 0
Lotus subbiflorus	0
Lotus subbiflorus subsp. subbiflorus	0
Lotus tenuis	- 0
Lotus corniculatus var. tenuis	0
Lunaria annua	- 0
Lunaria annua	0
Lunaria annua subsp. pachyrhiza	0
Lunaria annua subsp. pachyrrhiza	0
Lunaria rediviva	- 0
Lunaria rediviva	0
Lunaria rediviva var. rediviva	0
Lupinus albus	- 0
Lupinus albus	0
Lupinus albus subsp. albus	0
Lupinus albus subsp. graecus	0
Lupinus angustifolius	- 0
Lupinus angustifolius	0

Lupinus angustifolius subsp. angustifolius	0
Lupinus angustifolius subsp. reticulatus	0
Luzula alpinopilosa	- 0
Luzula alpinopilosa	0
Luzula alpinopilosa subsp. obscura	0
Luzula caespitosa	- 0
Luzula caespitosa	0
Luzula caespitosa subsp. nevadensis	0
Luzula cf. caespitosa	0
Luzula campestris	- 0
Luzula campestris	0
Luzula campestris subsp. carpetana	0
Luzula campestris var. congesta	0
Luzula forsteri	- 0
Luzula forsteri	0
Luzula forsteri subsp. cantabrica	0
Luzula forsteri subsp. forsteri	0
Luzula luzuloides	- 0
Luzula luzuloides	0
Luzula luzuloides subsp. rubella	0
Luzula luzuloides var. nemorosa f. nemorosa	0
Luzula luzuloides subsp. luzuloides	0
Luzula nemorosa	0
Luzula nemorosa f. albida	0
Luzula multiflora	- 0
Luzula multiflora	0
Luzula multiflora subsp. frigida	0
Luzula multiflora subsp. hibernica	0
Luzula multiflora subsp. multiflora	0
Luzula multiflora subsp. pallescens	0
Luzula congesta	0
Luzula multiflora aggr.	0
Luzula pindica	- 0
Luzula spicata subsp. pindica	0
Luzula spicata	- 0
Luzula spicata	0
Luzula spicata subsp. conglomerata	0
Luzula spicata subsp. italica	0

Luzula sylvatica	-	0
Luzula sylvatica		0
Luzula sylvatica subsp. dertosensis		0
Luzula sylvatica subsp. henriquesii		0
Luzula sylvatica subsp. sicula		0
Luzula sylvatica subsp. sieberi		0
Luzula sylvatica var. croatica		0
Luzula sylvatica var. dertosensis		0
Luzula sylvatica aggr.		0
Luzula sylvatica subsp. sylvatica		0
Luzula vulgaris	-	0
Luzula vulgaris		0
Luzula vulgaris var. multiflora f. multiflora		0
Lycopodium annotinum	-	0
Lycopodium annotinum		0
Lycopodium annotinum subsp. alpestre		0
Lycopodium annotinum subsp. annotinum		0
Lycopodium annotinum aggr.		0
Lycopodium clavatum	-	0
Lycopodium clavatum		0
Lycopodium clavatum subsp. clavatum		0
Lycopsis arvensis	-	0
Lycopsis arvensis		0
Lycopsis arvensis subsp. occidentalis		0
Lycopus europaeus	-	0
Lycopus europaeus		0
Lycopus europaeus subsp. menthifolius		0
Lycopus europaeus subsp. europaeus		0
Lysimachia punctata	-	0
Lysimachia punctata		0
Lysimachia punctata subsp. punctata		0
Lysimachia punctata subsp. tomentosa		0
Lysimachia vulgaris	-	0
Lysimachia vulgaris		0
Lysimachia vulgaris subsp. glanduloso-vill		0
Lysimachia vulgaris subsp. glanduloso-villosa		0
Lythrum portula	-	0
Lythrum portula		0
Lythrum portula subsp. longidentatum		0

Lythrum portula subsp. portula	0
Lythrum salicaria	- 0
Lythrum salicaria	0
Lythrum salicaria f. tomentosum	0
Lythrum salicaria var. tomentosum	0
Malcolmia flexuosa	- 0
Malcolmia flexuosa	0
Malcolmia flexuosa subsp. naxensis	0
Malcolmia graeca	- 0
Malcolmia graeca	0
Malcolmia graeca subsp. bicolor	0
Malcolmia macrocalyx	- 0
Malcolmia macrocalyx	0
Malcolmia macrocalyx subsp. macrocalyx	0
Malcolmia macrocalyx subsp. scyria	0
Malus sylvestris	- 0
Malus sylvestris	0
Malus sylvestris subsp. orientalis	0
Malus sylvestris subsp. orientalis var. orientalis	0
Malus sylvestris subsp. praecox	0
Malus sylvestris subsp. sylvestris	0
Malus sylvestris aggr.	0
Malva cretica	- 0
Malva cretica	0
Malva cretica subsp. althaeoides	0
Marchantia polymorpha	- 0
Marchantia polymorpha	0
Marchantia polymorpha subsp. montivagan	0
Marchantia polymorpha subsp. montivagans	0
Marchantia polymorpha subsp. polymorpha	0
Marchantia polymorpha subsp. ruderalis	0
Marrubium parviflorum	- 0
Marrubium parviflorum	0
Marrubium parviflorum subsp. parviflorum	0
Marsupella emarginata	- 0
Marsupella emarginata	0
Marsupella emarginata subsp. aquatica	0
Marsupella emarginata subsp. emarginata	0

Marsupella emarginata var. emarginata	0
Marsupella emarginata var. pearsonii	0
Matricaria chamomilla	- 0
Matricaria chamomilla	0
Matricaria chamomilla var. chamomilla	0
Matricaria chamomilla var. recutita	0
Matricaria chamomilla var. salina	0
Matthiola fruticulosa	- 0
Matthiola fruticulosa	0
Matthiola fruticulosa subsp. fruticulosa	0
Matthiola fruticulosa subsp. perennis	0
Matthiola fruticulosa subsp. valesiaca	0
Matthiola perennis	0
Matthiola incana	- 0
Matthiola incana	0
Matthiola incana subsp. incana	0
Matthiola incana subsp. pulchella	0
Matthiola incana subsp. rupestris	0
Matthiola longipetala	- 0
Matthiola longipetala subsp. bicornis	0
Matthiola longipetala subsp. longipetala	0
Matthiola longipetala subsp. pumilio	0
Mattiastrum lithospermifolium	- 0
Mattiastrum lithospermifolium subsp. cariense	0
Medicago disciformis	- 0
Medicago disciformis	0
Medicago disciformis var. disciformis	0
Medicago disciformis var. strumensi	0
Medicago falcata	- 0
Medicago falcata	0
Medicago falcata f. filiformis	0
Medicago falcata subsp. angustifolia	0
Medicago falcata subsp. rhanonica	0
Medicago falcata subsp. romanica	0
Medicago falcata subsp. tenderiensis	0
Medicago falcata subsp. urumovii	0
Medicago falcata var. filiformis	0
Medicago falcata var. romanica	0
Medicago intertexta	- 0

Medicago intertexta	0
Medicago intertexta subsp. ciliaris	0
Medicago lupulina	- 0
Medicago lupulina	0
Medicago lupulina subsp. jalsii	0
Medicago lupulina var. willdenoviana	0
Medicago minima	- 0
Medicago minima	0
Medicago minima var. brachyodon	0
Medicago minima var. elongata	0
Medicago minima var. longisepa	0
Medicago minima var. minima	0
Medicago polymorpha	- 0
Medicago polymorpha	0
Medicago polymorpha subsp. microcarpa	0
Medicago polymorpha subsp. polymorpha	0
Medicago polymorpha var. polymorpha	0
Medicago polymorpha var. tuberculata	0
Medicago turbinata	0
Medicago prostrata	- 0
Medicago prostrata	0
Medicago prostrata subsp. prostrata	0
Medicago prostrata subsp. pseudorupestris	0
Medicago prostrata subsp. vukovicii	0
Medicago rigidula	- 0
Medicago rigidula	0
Medicago rigidula var. agrestis	0
Medicago rigidula var. cinerascens	0
Medicago rigidula var. glandulosa	0
Medicago rigidula var. rigidula	0
Medicago sativa	- 0
Medicago sativa	0
Medicago sativa subsp. microcarpa	0
Medicago sativa subsp. sativa	0
Medicago suffruticosa	- 0
Medicago suffruticosa	0
Medicago suffruticosa subsp. leiocarpa	0
Medicago suffruticosa subsp. suffruticosa	0
Melampyrum arvense	- 0

Melampyrum arvense	0
Melampyrum arvense var. arvense	0
Melampyrum arvense var. barbatum	0
Melampyrum barbatum	- 0
Melampyrum barbatum	0
Melampyrum barbatum subsp. carstiense	0
Melampyrum cristatum	- 0
Melampyrum cristatum	0
Melampyrum cristatum var. cristatum	0
Melampyrum cristatum var. solstitiale	0
Melampyrum hoermannianum	- 0
Melampyrum hoermannianum	0
Melampyrum hoermannianum subsp. beckianum	0
Melampyrum nemorosum	- 0
Melampyrum nemorosum	0
Melampyrum nemorosum var. nemorosum	0
Melampyrum nemorosum var. praecox	0
Melampyrum nemorosum aggr.	0
Melampyrum sylvaticum	- 0
Melampyrum sylvaticum	0
Melampyrum sylvaticum aggr.	0
Melampyrum velebiticum	- 0
Melampyrum velebiticum	0
Melampyrum velebiticum subsp. velebitic	0
Melica ciliata	- 0
Melica ciliata	0
Melica ciliata subsp. ciliata	0
Melica ciliata subsp. magnolii	0
Melica ciliata var. flavescens	0
Melica ciliata var. nebrodensis	0
Melica ciliata aggr.	0
Melica monticola	0
Melica taurica	0
Melica minuta	- 0
Melica minuta	0
Melica minuta subsp. latifolia	0
Melica nutans	- 0
Melica nutans	0

Melica nutans subsp. magnoli	0
Melica nutans subsp. nebrodensis	0
Melica transsilvanica	- 0
Melica transsilvanica	0
Melica transsilvanica subsp. klokovi	0
Melica transsilvanica subsp. klokovii	0
Melica transsilvanica subsp. transsilvanica	0
Melissa officinalis	- 0
Melissa officinalis	0
Melissa officinalis subsp. altissima	0
Melissa officinalis subsp. officinalis	0
Melittis melissophyllum	- 0
Melittis melissophyllum	0
Melittis melissophyllum f. oblongifolia	0
Melittis melissophyllum subsp. albida	0
Melittis melissophyllum subsp. carpatica	0
Melittis melissophyllum subsp. melissophyllum	0
Melittis melissophyllum var. grandiflora	0
Mentha arvensis	- 0
Mentha arvensis	0
Mentha arvensis subsp. agrestis	0
Mentha arvensis subsp. arvensis	0
Mentha arvensis var. arvensis	0
Mentha longifolia	- 0
Mentha longifolia	0
Mentha longifolia subsp. longifolia	0
Mentha longifolia subsp. typhoides	0
Mentha pulegium	- 0
Mentha pulegium	0
Mentha pulegium subsp. erinoides	0
Mentha requienii	- 0
Mentha requienii	0
Mentha requienii subsp. bistaminata	0
Mentha spicata	- 0
Mentha spicata	0
Mentha spicata subsp. condensata	0
Mentha spicata subsp. spicata	0
Mentha spicata subsp. tomentosa	0



Mentha suaveolens	-	0
Mentha suaveolens		0
Mentha suaveolens subsp. insularis		0
Mentha suaveolens subsp. suaveolens		0
Mercurialis perennis	-	0
Mercurialis perennis		0
Mercurialis perennis aggr.		0
Mercurialis perennis et ovata		0
Mercurialis perennis f. perennis		0
Metzgeria furcata	-	0
Metzgeria furcata		0
Metzgeria furcata var. fruticulosa		0
Metzgeria furcata var. furcata		0
Metzgeria furcata var. ulvula		0
Meum athamanticum	-	0
Meum athamanticum		0
Meum athamanticum var. nevadensis		0
Micarea lignaria	-	0
Micarea lignaria		0
Micarea lignaria var. lignaria		0
Microcnemum coralloides	-	0
Microcnemum coralloides		0
Microcnemum coralloides subsp. coralloides		0
Micromeria cristata	-	0
Micromeria cristata		0
Micromeria cristata subsp. cristata		0
Micromeria cristata subsp. kosaninii		0
Micromeria graeca	-	0
Micromeria graeca		0
Micromeria graeca subsp. fruticulosa		0
Micromeria graeca subsp. garganica		0
Micromeria graeca subsp. graeca		0
Micromeria graeca subsp. longiflora		0
Micromeria graeca subsp. tenuifolia		0
Micromeria graeca subsp. consentina		0
Micromeria hyssopifolia	-	0
Micromeria hyssopifolia		0
Micromeria hyssopifolia var. kuegleri		0
Micromeria hyssopifolia var. hyssopifolia		0

Micromeria varia	-	0
Micromeria varia subsp. canariensis		0
Micromeria varia subsp. gomerensis		0
Micromeria varia subsp. meridialis		0
Micromeria varia subsp. rupestris		0
Micromeria varia subsp. varia		0
Micropyrum tenellum	-	0
Micropyrum tenellum		0
Micropyrum tenellum var. aristatum		0
Microrrhinum minus	-	0
Microrrhinum minus		0
Microrrhinum minus subsp. litorale		0
Microrrhinum minus subsp. minus		0
Microrrhinum litorale		0
Microthelia marmorata	-	0
Microthelia marmorata		0
Microthelia marmorata f. minor		0
Milium effusum	-	0
Milium effusum		0
Milium effusum subsp. effusum		0
Milium vernale	-	0
Milium vernale		0
Milium vernale subsp. montianum		0
Milium vernale subsp. scabrum		0
Milium vernale subsp. vernale		0
Minuartia anatolica	-	0
Minuartia anatolica		0
Minuartia anatolica var. anatolica		0
Minuartia anatolica var. arachnoidea		0
Minuartia anatolica var. lanuginosa		0
Minuartia anatolica var. phrygia		0
Minuartia anatolica var. polymorpha		0
Minuartia anatolica var. scleranthoides		0
Minuartia anatolica var. tetrasticha		0
Minuartia baldaccii	-	0
Minuartia baldaccii		0
Minuartia baldaccii subsp. baldaccii		0
Minuartia baldaccii subsp. skutariensis		0

Minuartia corymbulosa	-	0
Minuartia corymbulosa var. breviflora		0
Minuartia corymbulosa var. corymbulosa		0
Minuartia corymbulosa var. gypsophiloides		0
Minuartia decipiens	-	0
Minuartia decipiens subsp. decipiens		0
Minuartia dianthifolia	-	0
Minuartia dianthifolia subsp. cataonica		0
Minuartia dianthifolia subsp. dianthifolia		0
Minuartia dianthifolia subsp. kurdica		0
Minuartia erythrosepala	-	0
Minuartia erythrosepala var. cappadocica		0
Minuartia erythrosepala var. erythrosepala		0
Minuartia glomerata	-	0
Minuartia glomerata		0
Minuartia glomerata subsp. burnatii		0
Minuartia glomerata subsp. glomerata		0
Minuartia glomerata subsp. macedonica		0
Minuartia glomerata subsp. trichocalycina		0
Minuartia graminifolia	-	0
Minuartia graminifolia		0
Minuartia graminifolia subsp. clandestina		0
Minuartia graminifolia subsp. rosani		0
Minuartia hirsuta	-	0
Minuartia hirsuta		0
Minuartia hirsuta subsp. falcata		0
Minuartia hirsuta subsp. falcata var. denudata		0
Minuartia hirsuta subsp. frutescens		0
Minuartia hybrida aggr.	-	0
Minuartia hybrida		0
Minuartia hybrida subsp. hybrida		0
Minuartia hybrida subsp. turcica		0
Minuartia hybrida subsp. vaillantiana var. macmeil		0
Minuartia hybrida s.l.		0
Minuartia cherlerioides	-	0
Minuartia cherlerioides		0
Minuartia cherlerioides subsp. cherlerioides		0
Minuartia laricifolia	-	0

Minuartia laricifolia	0
Minuartia laricifolia subsp. diomedis	0
Minuartia laricifolia subsp. kitaibelii	0
Minuartia laricifolia subsp. laricifolia	0
Minuartia laricifolia subsp. typica	0
Minuartia mesogitana	- 0
Minuartia mesogitana	0
Minuartia mesogitana subsp. brachycarpa	0
Minuartia mesogitana subsp. flaccida	0
Minuartia mesogitana subsp. kotschyana	0
Minuartia mesogitana subsp. lydia	0
Minuartia mesogitana subsp. macrocarpa	0
Minuartia mesogitana subsp. mesogitana	0
Minuartia mesogitana subsp. velenovskyi	0
Minuartia montana	- 0
Minuartia montana	0
Minuartia montana f. glandulosa	0
Minuartia montana subsp. montana	0
Minuartia montana subsp. wiesneri	0
Minuartia montanra subsp. wiesneri	0
Minuartia recurva	- 0
Minuartia recurva	0
Minuartia recurva subsp. bigerrensis	0
Minuartia recurva subsp. carica	0
Minuartia recurva subsp. condensata	0
Minuartia recurva subsp. orbelica	0
Minuartia recurva subsp. oreina	0
Minuartia recurva subsp. recurva	0
Minuartia juressi subsp. asiatica	0
Minuartia juressi subsp. juressi	0
Minuartia recurva s.l.	0
Minuartia rostrata	- 0
Minuartia rostrata	0
Minuartia rostrata subsp. lanuginosa	0
Minuartia rupestris	- 0
Minuartia rupestris	0
Minuartia rupestris subsp. rupestris	0
Minuartia saxifraga	- 0
Minuartia saxifraga	0
Minuartia saxifraga subsp. tmolea	0

Minuartia setacea	-	0
Minuartia setacea		0
Minuartia setacea subsp. adenotricha		0
Minuartia setacea subsp. bannatica		0
Minuartia setacea subsp. setacea		0
Minuartia umbellulifera	-	0
Minuartia umbellulifera subsp. fimbriata		0
Minuartia umbellulifera subsp. pontica		0
Minuartia umbellulifera subsp. salbacica		0
Minuartia umbellulifera subsp. umbellulifera var.		0
Minuartia verna	-	0
Minuartia verna		0
Minuartia verna subsp. brevipedata		0
Minuartia verna subsp. collina		0
Minuartia verna subsp. grandiflora		0
Minuartia verna subsp. montana		0
Minuartia verna subsp. oxypetala		0
Minuartia verna subsp. paui		0
Minuartia verna subsp. verna		0
Minuartia valentina		0
Sabulina verna subsp. verna		0
Misopates orontium	-	0
Misopates orontium		0
Misopates orontium subsp. orontium		0
Mnium affine	-	0
Mnium affine var. elatum		0
Mnium affine var. rigidum		0
Mnium punctatum	-	0
Mnium punctatum		0
Mnium punctatum var. elatum		0
Moenchia erecta	-	0
Moenchia erecta		0
Moenchia erecta subsp. erecta		0
Moenchia erecta subsp. octandra		0
Moenchia graeca	-	0
Moenchia graeca		0
Moenchia graeca subsp. graeca		0
Moenchia mantica	-	0
Moenchia mantica		0

Moenchia mantica subsp. caerulea	0
Moenchia mantica subsp. mantica	0
Molinia caerulea aggr.	- 0
Molinia	0
Molinia caerulea aggr.	0
Molinia arundinacea	0
Molinia litoralis	0
Molinia arundinacea subsp. litoralis	0
Molinia caerulea	0
Molinia caerulea subsp. hungarica	0
Molinia caerulea s.l.	0
Molopospermum peloponesiacum	- 0
Molopospermum peloponesiacum	0
Molopospermum peloponesiacum subsp. bauchinii	0
Montia fontana	- 0
Montia fontana	0
Montia fontana subsp. amporitana	0
Montia fontana subsp. fontana	0
Myosotis alpestris	- 0
Myosotis alpestris	0
Myosotis alpestris f. firma	0
Myosotis alpestris subsp. alpestris	0
Myosotis alpestris subsp. pyrenaeorum	0
Myosotis alpestris subsp. suaveolens	0
Myosotis arvensis	- 0
Myosotis arvensis	0
Myosotis arvensis subsp. arvensis	0
Myosotis arvensis subsp. umbrata	0
Myosotis decumbens	- 0
Myosotis decumbens	0
Myosotis decumbens subsp. florentina	0
Myosotis decumbens subsp. teresiana	0
Myosotis discolor	- 0
Myosotis discolor	0
Myosotis discolor subsp. canariensis	0
Myosotis discolor subsp. discolor	0
Myosotis discolor subsp. dubia	0
Myosotis laxa	- 0
Myosotis laxa	0

Myosotis laxa subsp. caespitosa	0
Myosotis laxa subsp. laxa	0
Myosotis nemorosa	- 0
Myosotis nemorosa	0
Myosotis nemorosa subsp. nemorosa	0
Myosotis orbelica	0
Myosotis ramosissima	- 0
Myosotis ramosissima	0
Myosotis ramosissima subsp. globularis	0
Myosotis ramosissima subsp. ramosissima	0
Myosotis ramosissima subsp. ruscinonensis	0
Myosotis ramosissima subsp. uncata	0
Myosotis ramosissima subsp. gracillima	0
Myosotis refracta	- 0
Myosotis refracta	0
Myosotis refracta subsp. refracta	0
Myosotis scorpioides	- 0
Myosotis scorpioides	0
Myosotis scorpioides subsp. scorpioides	0
Myosotis hervei	0
Myosotis sylvatica	- 0
Myosotis sylvatica	0
Myosotis sylvatica aggr.	0
Myosotis sylvatica subsp. cyanea	0
Myosotis sylvatica subsp. elongata	0
Myosotis sylvatica subsp. subarvensis	0
Myosotis sylvatica subsp. sylvatica	0
Myriophyllum verticillatum	- 0
Myriophyllum verticillatum	0
Myriophyllum verticillatum f. intermedia	0
Myrtus communis	- 0
Myrtus communis	0
Myrtus communis subsp. communis	0
Myrtus communis subsp. tarentina	0
Najas marina	- 0
Najas marina	0
Najas marina subsp. aculeolata	0
Najas marina subsp. marina	0

Narcissus assoanus	-	0
Narcissus assoanus		0
Narcissus assoanus subsp. assoanus		0
Narcissus bulbocodium	-	0
Narcissus bulbocodium		0
Narcissus bulbocodium subsp. bulbocodium		0
Narcissus bulbocodium subsp. nivalis		0
Narcissus gigas		0
Narcissus poeticus	-	0
Narcissus poeticus		0
Narcissus poeticus subsp. poeticus		0
Narcissus poeticus subsp. radiiflorus		0
Narcissus poeticus/verbanensis		0
Narcissus pseudonarcissus	-	0
Narcissus pseudonarcissus		0
Narcissus pseudonarcissus subsp. bicolor		0
Narcissus pseudonarcissus subsp. confusus (Pugsley		0
Narcissus pseudonarcissus subsp. major		0
Narcissus pseudonarcissus subsp. minor		0
Narcissus pseudonarcissus subsp. moschatus		0
Narcissus pseudonarcissus subsp. nobilis		0
Narcissus pseudonarcissus subsp. portensis		0
Narcissus pseudonarcissus subsp. pseudonarcissus		0
Narcissus nevadensis		0
Narcissus pseudonarcissus subsp. pallidiflorus		0
Narcissus tazetta	-	0
Narcissus tazetta		0
Narcissus tazetta subsp. aureus		0
Narcissus tazetta subsp. tazetta		0
Narcissus triandrus	-	0
Narcissus triandrus		0
Narcissus triandrus subsp. cernuus		0
Narcissus triandrus subsp. triandrus		0
Narcissus cernuus		0
Neckera crispa	-	0
Neckera crispa		0
Neckera crispa var. falcata		0
Neoschischkinia truncatula	-	0
Agrostis truncatula		0
Agrostis truncatula subsp. commista		0



Agrostis truncatula subsp. durieui	0
Agrostis truncatula subsp. truncatula	0
Neoschischkinia truncatula	0
Neoschischkinia truncatula subsp. durieui	0
Neotinea tridentata	- 0
Neotinea tridentata	0
Neotinea tridentata subsp. conica	0
Nepeta nepetella	- 0
Nepeta nepetella	0
Nepeta nepetella subsp. aragonensis	0
Nepeta nepetella subsp. cordifolia	0
Nepeta nepetella subsp. nepetella	0
Nepeta nuda	- 0
Nepeta nuda	0
Nepeta nuda subsp. albiflora	0
Nepeta nuda subsp. coerulea	0
Nepeta nuda subsp. nuda	0
Nepeta tuberosa	- 0
Nepeta tuberosa	0
Nepeta tuberosa subsp. reticulata	0
Nepeta ucranica	- 0
Nepeta ucranica	0
Nepeta ucranica subsp. parviflora	0
Nephroma arcticum	- 0
Nephroma arcticum	0
Nephroma arcticum	0
Neslia paniculata	- 0
Neslia paniculata	0
Neslia paniculata subsp. thracica	0
Nigella arvensis	- 0
Nigella arvensis	0
Nigella arvensis subsp. aristata	0
Nigella arvensis subsp. arvensis	0
Nigella arvensis subsp. glauca	0
Nigella arvensis var. anatolica	0
Nigella arvensis var. caudata	0
Nigella arvensis var. involuocrata	0
Nigella arvensis var. mutica	0
Nigella arvensis var. oblanceolata	0

<i>Nigella arvensis</i> var. <i>palaestina</i>	0
<i>Nigella arvensis</i> var. <i>tauricola</i>	0
<i>Gymnadenia nigra</i> aggr.	- 0
<i>Nigritella nigra</i> subsp. <i>austriaca</i>	0
<i>Nigritella nigra</i> subsp. <i>gabasiana</i>	0
<i>Nigritella nigra</i> subsp. <i>nigra</i>	0
<i>Nigritella nigra</i> aggr.	0
<i>Gymnadenia nigra</i>	0
<i>Gymnadenia austriaca</i>	0
<i>Gymnadenia corneliana</i>	0
<i>Gymnadenia rubra</i>	0
<i>Nitella mucronata</i>	- 0
<i>Nitella mucronata</i>	0
<i>Nitella mucronata</i> var. <i>mucronata</i>	0
<i>Noaea mucronata</i>	- 0
<i>Noaea mucronata</i>	0
<i>Noaea mucronata</i> subsp. <i>mucronata</i>	0
<i>Noaea mucronata</i> subsp. <i>tournefortii</i>	0
<i>Noccaea brevistyla</i>	- 0
<i>Noccaea brevistyla</i>	0
<i>Noccaea brevistyla</i> subsp. <i>rivalis</i>	0
<i>Noccaea caerulescens</i>	- 0
<i>Thlaspi caerulescens</i> subsp. <i>caerulescens</i>	0
<i>Thlaspi caerulescens</i> subsp. <i>virens</i>	0
<i>Noccaea dacica</i>	- 0
<i>Noccaea dacica</i>	0
<i>Noccaea dacica</i> (Heuff.) subsp. <i>dacica</i>	0
<i>Nymphaea lotus</i>	- 0
<i>Nymphaea lotus</i>	0
<i>Nymphaea lotus</i> var. <i>termalis</i>	0
<i>Odontarrhena bertolonii</i>	- 0
<i>Odontarrhena bertolonii</i>	0
<i>Alyssum bertolonii</i> subsp. <i>bertolonii</i>	0
<i>Odontarrhena bertolonii</i> subsp. <i>scutarina</i>	0
<i>Odontarrhena pateri</i>	- 0
<i>Odontarrhena pateri</i> subsp. <i>pateri</i>	0
<i>Odontarrhena pateri</i> subsp. <i>prostrata</i>	0

Odontarrhena peltarioidea	-	0
Odontarrhena peltarioidea subsp. peltarioidea		0
Odontarrhena peltarioidea subsp. virgatiformis		0
Odontarrhena tortuosa	-	0
Odontarrhena tortuosa		0
Odontarrhena tortuosa subsp. caliacrae		0
Odontarrhena tortuosa subsp. cretacea		0
Odontarrhena tortuosa subsp. savranica		0
Odontarrhena tortuosa subsp. tortuosa		0
Odontites jaubertiana	-	0
Odontites jaubertiana		0
Odontites jaubertiana subsp. cebennensis		0
Odontites jaubertiana subsp. chrysantha		0
Odontites jaubertiana subsp. jaubertiana		0
Odontites vernus	-	0
Odontites verna subsp. litoralis		0
Odontites verna subsp. sicula		0
Odontites viscosus	-	0
Odontites viscosa		0
Odontites viscosa subsp. hispanica		0
Odontites viscosa subsp. viscosa		0
Odontites viscosus		0
Odontites viscosus subsp. asturicus		0
Odontites vulgaris	-	0
Odontites vulgaris		0
Odontites vulgaris subsp. siculus		0
Oenanthe lachenalii	-	0
Oenanthe lachenalii		0
Oenanthe lachnealii		0
Oenanthe pimpinelloides	-	0
Oenanthe pimpinelloides		0
Oenanthe pimpinelloides subsp. pimpinelloides		0
Oenothera biennis	-	0
Oenothera biennis		0
Oenothera biennis subsp. biennis		0
Oenothera drummondii	-	0
Oenothera drummondii		0
Oenothera drummondii subsp. drummondii		0

Olea europaea	-	0
Olea europaea		0
Olea europaea subsp. cerasiformis		0
Olea europaea subsp. europaea		0
Omalotheca supina	-	0
Omalotheca supina subsp. supina		0
Omalotheca supina var. balcanica		0
Omphalodes littoralis	-	0
Omphalodes littoralis		0
Omphalodes littoralis subsp. gallaecica		0
Onobrychis alba	-	0
Onobrychis alba		0
Onobrychis alba subsp. alba		0
Onobrychis alba subsp. alba var. alba		0
Onobrychis alba subsp. alba var. rhodopea		0
Onobrychis alba subsp. calcarea		0
Onobrychis alba subsp. echinata		0
Onobrychis alba subsp. laconica		0
Onobrychis arenaria	-	0
Onobrychis arenaria		0
Onobrychis arenaria subsp. arenaria		0
Onobrychis arenaria subsp. cana		0
Onobrychis arenaria subsp. miniata		0
Onobrychis arenaria subsp. sibirica		0
Onobrychis arenaria subsp. tomasinii		0
Onobrychis arenaria subsp. tommasinii		0
Onobrychis conferta	-	0
Onobrychis conferta subsp. argentea		0
Onobrychis conferta subsp. hispanica		0
Onobrychis argyrea subsp. isaurica		0
Onobrychis gracilis	-	0
Onobrychis gracilis		0
Onobrychis gracilis subsp. gracilis		0
Onobrychis montana	-	0
Onobrychis montana		0
Onobrychis montana subsp. cadmea		0
Onobrychis montana subsp. macrocarpa		0
Onobrychis montana subsp. montana		0
Onobrychis montana subsp. scardica		0

Onobrychis peduncularis	-	0
Onobrychis peduncularis		0
Onobrychis peduncularis subsp. matritensis		0
Onobrychis viciifolia	-	0
Onobrychis viciifolia		0
Onobrychis viciifolia subsp. viciifolia		0
Ononis arvensis	-	0
Ononis arvensis subsp. arvensis		0
Ononis arvensis subsp. spinosaeformis		0
Ononis arvensis var. arvensis		0
Ononis cristata	-	0
Ononis cristata		0
Ononis cristata subsp. apennina		0
Ononis natrix	-	0
Ononis natrix		0
Ononis natrix subsp. angustissima		0
Ononis natrix subsp. hispanica		0
Ononis natrix subsp. natrix		0
Ononis natrix subsp. ramosissima		0
Ononis pusilla	-	0
Ononis pusilla		0
Ononis pusilla subsp. orientalis		0
Ononis pusilla subsp. saxicola		0
Ononis reclinata	-	0
Ononis reclinata		0
Ononis reclinata subsp. dentata		0
Ononis reclinata subsp. mollis		0
Ononis reclinata var. reclinata		0
Ononis reclinata subsp. reclinata		0
Ononis spinosa	-	0
Ononis spinosa		0
Ononis spinosa aggr.		0
Ononis spinosa subsp. antiquorum		0
Ononis spinosa subsp. australis		0
Ononis spinosa subsp. austriaca		0
Ononis spinosa subsp. diacantha		0
Ononis spinosa subsp. leiosperma		0
Ononis spinosa subsp. repens		0
Ononis spinosa subsp. spinosa		0

Ononis spinosa subsp. hircina	0
Ononis spinosa subsp. procurrens	0
Ononis tridentata	- 0
Ononis tridentata	0
Ononis tridentata subsp. angustifolia	0
Ononis tridentata subsp. barrelieri	0
Ononis tridentata subsp. tridentata	0
Ononis viscosa	- 0
Ononis viscosa	0
Ononis viscosa subsp. brachycarpa	0
Ononis viscosa subsp. breviflora	0
Ononis viscosa subsp. sicula	0
Ononis subcordata	0
Onopordum acanthium	- 0
Onopordum acanthium	0
Onopordum acanthium subsp. acanthium	0
Onopordon acanthium	0
Onopordon acanthium subsp. acanthium	0
Onopordum acaulon	- 0
Onopordum acaulon	0
Onopordum acaulon subsp. acaulon	0
Onopordum bracteatum	- 0
Onopordum bracteatum	0
Onopordum bracteatum subsp. creticum	0
Onopordum illyricum	- 0
Onopordum illyricum	0
Onopordum illyricum subsp. cardunculus	0
Onopordum illyricum subsp. illyricum	0
Onosma arenaria	- 0
Onosma arenaria	0
Onosma arenaria subsp. arenaria	0
Onosma arenarium	0
Onosma arenarium f. pyramidatum	0
Onosma arenarium subsp. tuberculatum	0
Onosma echioides	- 0
Onosma echioides	0
Onosma echioides subsp. angustifolia	0
Onosma echioides subsp. canescens	0
Onosma echioides subsp. fastigiata	0

Onosma fastigiata	-	0
Onosma fastigiata		0
Onosma fastigiata var. catalaunica		0
Opegrapha vulgata	-	0
Opegrapha vulgata		0
Opegrapha vulgata var. subsiderella		0
Ophioglossum vulgatum	-	0
Ophioglossum vulgatum		0
Ophioglossum vulgatum aggr.		0
Ophioglossum vulgatum subsp. vulgatum		0
Ophrys apifera	-	0
Ophrys apifera		0
Ophrys apifera subsp. apifera		0
Ophrys bertolonii	-	0
Ophrys bertolonii		0
Ophrys bertolonii subsp. catalaunica		0
Ophrys fuciflora	-	0
Ophrys fuciflora subsp. fuciflora		0
Ophrys fuciflora subsp. lacaitae		0
Ophrys fuciflora subsp. oxyrrhynchos		0
Ophrys fusca	-	0
Ophrys fusca		0
Ophrys fusca subsp. creberrima		0
Ophrys fusca subsp. fusca		0
Ophrys fusca subsp. iricolor		0
Ophrys holosericea	-	0
Ophrys holosericea		0
Ophrys holosericea subsp. apulica		0
Ophrys holosericea subsp. holosericea		0
Ophrys lutea	-	0
Ophrys lutea		0
Ophrys lutea subsp. lutea		0
Ophrys lutea subsp. melena		0
Ophrys lutea subsp. murbeckii		0
Ophrys scolopax	-	0
Ophrys scolopax		0
Ophrys scolopax subsp. cornuta		0

Ophrys scolopax subsp. heldreichii	0
Ophrys scolopax subsp. scolopax	0
Ophrys speculum	- 0
Ophrys speculum	0
Ophrys speculum subsp. lusitanica	0
Ophrys speculum subsp. speculum	0
Ophrys sphegodes	- 0
Ophrys sphegodes	0
Ophrys sphegodes subsp. atrata	0
Ophrys sphegodes subsp. litigiosa	0
Ophrys sphegodes subsp. mammosa	0
Ophrys sphegodes subsp. passionis	0
Ophrys sphegodes subsp. sphegodes	0
Ophrys sphegodes subsp. helenae	0
Ophrys tenthredinifera	- 0
Ophrys tenthredinifera	0
Ophrys tenthredinifera subsp. tenthredinifera	0
Opopanax chironium	- 0
Opopanax chironium	0
Opopanax chironium subsp. bulgaricum	0
Opuntia ficus	- 0
Opuntia ficus subsp. barbarica	0
Opuntia ficus subsp. indica	0
Oreochloa disticha	- 0
Oreochloa disticha	0
Oreochloa disticha subsp. blanka	0
Orchis mascula	- 0
Orchis mascula	0
Orchis mascula subsp. ichnusae	0
Orchis mascula subsp. laxifloriformis	0
Orchis mascula subsp. mascula	0
Orchis mascula subsp. pinetorum	0
Orchis mascula subsp. speciosa	0
Orchis provincialis	- 0
Orchis provincialis	0
Orchis provincialis subsp. provincialis	0
Orchis quadripunctata	- 0
Orchis quadripunctata	0



Orchis quadripunctata subsp. brancifortii	0
Orchis spitzelii	- 0
Orchis spitzelii	0
Orchis spitzelii subsp. cazorlensis	0
Origanum syriacum	- 0
Origanum syriacum	0
Origanum syriacum var. bevanii	0
Origanum vulgare	- 0
Origanum vulgare	0
Origanum vulgare subsp. gracile	0
Origanum vulgare subsp. hirtum	0
Origanum vulgare subsp. virens	0
Origanum vulgare subsp. viride	0
Origanum vulgare subsp. vulgare	0
Ornithogalum collinum	- 0
Ornithogalum collinum	0
Ornithogalum collinum subsp. collinum	0
Ornithogalum orthophyllum	- 0
Ornithogalum orthophyllum	0
Ornithogalum orthophyllum subsp. kochii	0
Ornithogalum orthophyllum subsp. orthophyllum	0
Ornithogalum pyrenaicum	- 0
Ornithogalum pyrenaicum	0
Ornithogalum pyrenaicum subsp. pyrenaicum	0
Ornithogalum pyrenaicum var. flavescens	0
Ornithogalum umbellatum	- 0
Ornithogalum umbellatum	0
Ornithogalum umbellatum subsp. umbellatum	0
Ornithopus sativus	- 0
Ornithopus sativus	0
Ornithopus sativus subsp. isthmocarpus	0
Ornithopus sativus subsp. sativus	0
Orobanche alba	- 0
Orobanche alba	0
Orobanche alba subsp. alba	0
Orobanche amethystea	- 0
Orobanche amethystea	0

Orobanche amethystea subsp. amethystea	0
Orobanche minor	- 0
Orobanche minor	0
Orobanche minor subsp. minor	0
Orobanche rapum-genistae	- 0
Orobanche rapum-genistae	0
Orobanche rapum-genistae subsp. rapum-genistae	0
Orthilia secunda	- 0
Orthilia secunda	0
Orthilia secunda subsp. obtusata	0
Orthilia secunda subsp. secunda	0
Orthotrichum anomalum	- 0
Orthotrichum anomalum	0
Orthotrichum anomalum var. saxalite	0
Oxyrrhynchium swartzii	- 0
Oxyrrhynchium swartzii	0
Oxyrrhynchium swartzii var. hians	0
Oxytropis campestris	- 0
Oxytropis campestris	0
Oxytropis campestris subsp. campestris	0
Oxytropis campestris subsp. sordida	0
Oxytropis campestris subsp. tirolensis	0
Oxytropis campestris subsp. tyrolensis	0
Oxytropis halleri	- 0
Oxytropis halleri	0
Oxytropis halleri subsp. halleri	0
Oxytropis halleri subsp. korabensis	0
Oxytropis halleri subsp. velutina	0
Oxytropis pilosa	- 0
Oxytropis pilosa	0
Oxytropis pilosa subsp. caputoi	0
Paeonia clusii	- 0
Paeonia clusii	0
Paeonia clusii subsp. clusii	0
Paeonia clusii subsp. rhodia	0
Paeonia mascula	- 0
Paeonia mascula	0

Paeonia mascula subsp. mascula	0
Paeonia mascula subsp. russoi	0
Paeonia officinalis	- 0
Paeonia officinalis	0
Paeonia officinalis subsp. banatica	0
Paeonia officinalis subsp. huthii	0
Paeonia officinalis subsp. italica	0
Paeonia officinalis subsp. microcarpa	0
Paeonia officinalis subsp. officinalis	0
Paeonia officinalis subsp. villosa	0
Paeonia tenuifolia	- 0
Paeonia tenuifolia	0
Paeonia tenuifolia f. brevifolia	0
Pallenis spinosa	- 0
Pallenis spinosa	0
Pallenis spinosa subsp. spinosa	0
Palustriella commutata	- 0
Palustriella commutata	0
Palustriella commutata var. commutata	0
Panicum capillare	- 0
Panicum capillare	0
Panicum capillare subsp. capillare	0
Panicum miliaceum	- 0
Panicum miliaceum	0
Panicum miliaceum subsp. agricola	0
Panicum miliaceum subsp. ruderales	0
Papaver alpinum	- 0
Papaver alpinum	0
Papaver alpinum subsp. alpinum	0
Papaver alpinum subsp. burseri	0
Papaver alpinum subsp. ernersti-mayeri	0
Papaver alpinum subsp. victoris	0
Papaver argemone	- 0
Papaver argemone	0
Papaver argemone subsp. argemone	0
Papaver argemone subsp. davisii	0
Papaver dubium	- 0
Papaver dubium	0

Papaver dubium subsp. dubium	0
Papaver dubium subsp. lecoqii var. albiflorum	0
Papaver fugax	- 0
Papaver fugax	0
Papaver fugax var. fugax	0
Papaver fugax var. platydiscus	0
Papaver lapponicum	- 0
Papaver lapponicum	0
Papaver lapponicum subsp. jugoricum	0
Papaver persicum	- 0
Papaver persicum subsp. fulvum	0
Papaver persicum subsp. persicum	0
Papaver rhoeas	- 0
Papaver rhoeas	0
Papaver rhoeas subsp. rhoeas	0
Papaver rhoeas var. strigosum	0
Papaver somniferum	- 0
Papaver somniferum	0
Papaver somniferum subsp. somniferum	0
Papaver spicatum	- 0
Papaver spicatum var. luschanii	0
Papaver spicatum var. spicatum	0
Parentucellia latifolia	- 0
Parentucellia latifolia	0
Parentucellia latifolia subsp. latifolia	0
Parietaria lusitanica	- 0
Parietaria lusitanica	0
Parietaria lusitanica subsp. chersonensis	0
Parietaria lusitanica subsp. lusitanica	0
Parietaria lusitanica subsp. serbica	0
Parmelia conspersa	- 0
Parmelia conspersa	0
Parmelia conspersa f. taeniata	0
Parmelia glabratula	- 0
Parmelia glabratula	0
Parmelia glabratula subsp. fuliginosa	0
Parmelia glabratula var. fuliginosa	0

<i>Parmelia glabratula</i> var. <i>laetevirens</i>	0
<i>Parmelia pulla</i>	- 0
<i>Parmelia pulla</i>	0
<i>Parmelia pulla</i> var. <i>pokorny</i>	0
<i>Parmelia pulla</i> var. <i>pulla</i>	0
<i>Paronychia amani</i>	- 0
<i>Paronychia amani</i> var. <i>amani</i>	0
<i>Paronychia amani</i> var. <i>minutiflora</i>	0
<i>Paronychia anatolica</i>	- 0
<i>Paronychia anatolica</i> subsp. <i>anatolica</i>	0
<i>Paronychia anatolica</i> subsp. <i>balansae</i>	0
<i>Paronychia arabica</i>	- 0
<i>Paronychia arabica</i>	0
<i>Paronychia arabica</i> subsp. <i>euphratica</i>	0
<i>Paronychia argentea</i>	- 0
<i>Paronychia argentea</i>	0
<i>Paronychia argentea</i> var. <i>argentea</i>	0
<i>Paronychia argentea</i> var. <i>scariosissima</i>	0
<i>Paronychia capitata</i>	- 0
<i>Paronychia capitata</i>	0
<i>Paronychia capitata</i> subsp. <i>canariensis</i>	0
<i>Paronychia capitata</i> subsp. <i>capitata</i>	0
<i>Paronychia carica</i>	- 0
<i>Paronychia carica</i> var. <i>carica</i>	0
<i>Paronychia carica</i> var. <i>stipulata</i>	0
<i>Paronychia cephalotes</i>	- 0
<i>Paronychia cephalotes</i>	0
<i>Paronychia cephalotes</i> subsp. <i>cephalotes</i> var. <i>cepha</i>	0
<i>Paronychia cephalotes</i> subsp. <i>cephalotes</i> var. <i>minut</i>	0
<i>Paronychia cephalotes</i> subsp. <i>cephalotes</i> var. <i>recur</i>	0
<i>Paronychia chionaea</i>	- 0
<i>Paronychia chionaea</i>	0
<i>Paronychia chionaea</i> subsp. <i>chionaea</i> var. <i>latifolia</i>	0
<i>Paronychia chionaea</i> subsp. <i>kemaliya</i>	0
<i>Paronychia kapela</i>	- 0
<i>Paronychia kapela</i>	0
<i>Paronychia kapela</i> subsp. <i>chionaea</i>	0

Paronychia kapela subsp. kapela	0
Paronychia kapela subsp. serpyllifolia	0
Paronychia kurdica	- 0
Paronychia kurdica subsp. haussknectii	0
Paronychia kurdica subsp. kurdica var. fragilis	0
Paronychia kurdica subsp. kurdica var. kurdica	0
Paronychia kurdica subsp. montis-munzur	0
Paronychia macedonica	- 0
Paronychia macedonica	0
Paronychia macedonica subsp. macedonica	0
Paronychia macrosepala	- 0
Paronychia macrosepala	0
Paronychia macrosepala var. insularum	0
Paronychia paphlagonica	- 0
Paronychia paphlagonica subsp. caespitosa	0
Paronychia paphlagonica subsp. paphlagonica	0
Paronychia polygonifolia	- 0
Paronychia polygonifolia	0
Paronychia polygonifolia subsp. velucensi	0
Paronychia suffruticosa	- 0
Paronychia suffruticosa	0
Paronychia suffruticosa subsp. hirsuta	0
Paspalum distichum	- 0
Paspalum distichum	0
Paspalum distichum subsp. distichum	0
Pastinaca sativa	- 0
Pastinaca sativa	0
Pastinaca sativa subsp. pratensis	0
Pastinaca sativa subsp. sativa	0
Pastinaca sativa subsp. urens	0
Pastinaca kochii	0
Patzkea paniculata	- 0
Patzkea paniculata	0
Patzkea paniculata subsp. baetica	0
Patzkea paniculata subsp. multispiculata	0
Patzkea paniculata subsp. paniculata	0
Patzkea spadicea	0

Pedicularis brachyodonta	-	0
Pedicularis brachyodonta		0
Pedicularis brachyodonta subsp. brachyodonta		0
Pedicularis brachyodonta subsp. grisebachii		0
Pedicularis brachyodonta subsp. moesiaca		0
Pedicularis comosa	-	0
Pedicularis comosa		0
Pedicularis comosa subsp. campestris		0
Pedicularis comosa subsp. comosa		0
Pedicularis elongata	-	0
Pedicularis elongata		0
Pedicularis elongata subsp. elongata		0
Pedicularis elongata subsp. julica		0
Pedicularis leucodon	-	0
Pedicularis leucodon		0
Pedicularis leucodon subsp. leucodon		0
Pedicularis leucodon subsp. occulta		0
Pedicularis palustris	-	0
Pedicularis palustris		0
Pedicularis palustris subsp. borealis		0
Pedicularis palustris subsp. karoii		0
Pedicularis palustris subsp. opsiantha		0
Pedicularis palustris subsp. palustris		0
Pedicularis rosea	-	0
Pedicularis rosea		0
Pedicularis rosea subsp. allionii		0
Pedicularis rostratocapitata	-	0
Pedicularis rostratocapitata		0
Pedicularis rostratocapitata subsp. rostratocapitata		0
Pedicularis rostratospicata	-	0
Pedicularis rostratospicata		0
Pedicularis rostratospicata subsp. helvetica		0
Pedicularis sibirica	-	0
Pedicularis sibirica		0
Pedicularis sibirica subsp. uralensis		0
Pedicularis sudetica	-	0
Pedicularis sudetica		0
Pedicularis sudetica subsp. arctoeuropaea		0

<i>Pedicularis sylvatica</i>	-	0
<i>Pedicularis sylvatica</i>		0
<i>Pedicularis sylvatica</i> subsp. <i>hibernica</i>		0
<i>Pedicularis sylvatica</i> subsp. <i>lusitanica</i>		0
<i>Pedicularis sylvatica</i> subsp. <i>sylvatica</i>		0
<i>Peltigera didactyla</i>	-	0
<i>Peltigera didactyla</i>		0
<i>Peltigera didactyla</i> var. <i>extenuata</i>		0
<i>Periploca graeca</i>	-	0
<i>Periploca graeca</i>		0
<i>Periploca graeca</i> var. <i>graeca</i>		0
<i>Persicaria lapathifolia</i>	-	0
<i>Persicaria lapathifolia</i>		0
<i>Persicaria lapathifolia</i> subsp. <i>brittingeri</i>		0
<i>Persicaria lapathifolia</i> subsp. <i>lapathifolia</i>		0
<i>Persicaria lapathifolia</i> subsp. <i>leptoclada</i>		0
<i>Persicaria lapathifolia</i> subsp. <i>mesomorpha</i>		0
<i>Persicaria lapathifolia</i> subsp. <i>pallida</i>		0
<i>Persicaria maculosa</i>	-	0
<i>Persicaria maculosa</i>		0
<i>Persicaria maculosa</i> f. <i>elatum</i>		0
<i>Persicaria maculosa</i> subsp. <i>maculosa</i>		0
<i>Pertusaria pertusa</i>	-	0
<i>Pertusaria pertusa</i>		0
<i>Pertusaria pertusa</i> var. <i>polycarpa</i>		0
<i>Petasites hybridus</i>	-	0
<i>Petasites hybridus</i>		0
<i>Petasites hybridus</i> subsp. <i>hybridus</i>		0
<i>Petasites hybridus</i> subsp. <i>ochroleucus</i>		0
<i>Petrocoptis pyrenaica</i>	-	0
<i>Petrocoptis pyrenaica</i>		0
<i>Petrocoptis pyrenaica</i> subsp. <i>glaucifolia</i>		0
<i>Petrocoptis pyrenaica</i> subsp. <i>pyrenaica</i>		0
<i>Petrorhagia alpina</i>	-	0
<i>Petrorhagia alpina</i>		0
<i>Petrorhagia alpina</i> subsp. <i>alpina</i>		0
<i>Petrorhagia alpina</i> subsp. <i>olympica</i>		0



Petrorhagia illyrica	-	0
Petrorhagia illyrica		0
Petrorhagia illyrica subsp. haynaldiana		0
Petrorhagia illyrica subsp. illyrica		0
Petrorhagia illyrica subsp. taygetea		0
Petrorhagia prolifera	-	0
Petrorhagia prolifera		0
Petrorhagia prolifera aggr.		0
Petrorhagia saxifraga	-	0
Petrorhagia saxifraga		0
Petrorhagia saxifraga subsp. saxifraga		0
Peucedanum arenarium	-	0
Peucedanum arenarium		0
Peucedanum arenarium subsp. neymayeri		0
Peucedanum coriaceum	-	0
Peucedanum coriaceum		0
Peucedanum coriaceum subsp. pospichalii		0
Peucedanum officinale	-	0
Peucedanum officinale		0
Peucedanum officinale subsp. officinale		0
Peucedanum officinale subsp. paniculatum		0
Phagnalon rupestre	-	0
Phagnalon rupestre		0
Phagnalon rupestre subsp. annoticum		0
Phagnalon rupestre subsp. graecum		0
Phagnalon rupestre subsp. illyricum		0
Phagnalon rupestre subsp. rupestre		0
Phalaroides arundinacea	-	0
Phalaroides arundinacea		0
Phalaroides arundinacea subsp. arundinacea		0
Phascum cuspidatum	-	0
Phascum cuspidatum		0
Phascum cuspidatum var. cuspidatum		0
Phascum cuspidatum var. mitraeforme		0
Phascum cuspidatum var. piliferum		0
Phillyrea angustifolia	-	0
Phillyrea angustifolia		0
Phillyrea angustifolia subsp. latifolia		0

Phillyrea latifolia	-	0
Phillyrea latifolia		0
Phillyrea latifolia var. rodriguezii		0
Phillyrea rodriguezii		0
Philonotis fontana	-	0
Philonotis fontana		0
Philonotis fontana var. fontana		0
Phippsia algida	-	0
Phippsia algida		0
Phippsia algida subsp. concinna		0
Phleum alpinum aggr.	-	0
Phleum alpinum aggr.		0
Phleum alpinum		0
Phleum alpinum subsp. alpinum		0
Phleum alpinum var. commutatum		0
Phleum rhaeticum		0
Phleum arenarium	-	0
Phleum arenarium		0
Phleum arenarium subsp. caesium		0
Phleum exaratum	-	0
Phleum exaratum		0
Phleum exaratum subsp. aegaeum		0
Phleum exaratum subsp. exaratum		0
Phleum montanum	-	0
Phleum montanum		0
Phleum montanum subsp. montanum		0
Phleum montanum var. sakarense		0
Phleum paniculatum	-	0
Phleum paniculatum		0
Phleum paniculatum subsp. ciliatum		0
Phleum phleoides	-	0
Phleum phleoides		0
Phleum phleoides subsp. phleoides		0
Phleum pratense	-	0
Phleum pratense		0
Phleum pratense subsp. pratense		0

Phleum subulatum	-	0
Phleum subulatum		0
Phleum subulatum subsp. ciliatum		0
Phleum subulatum subsp. subulatum		0
Phlomis grandiflora	-	0
Phlomis grandiflora		0
Phlomis grandiflora var. grandiflora		0
Phlomis herba-venti	-	0
Phlomis herba-venti		0
Phlomis herba-venti subsp. pungens		0
Phragmites australis	-	0
Phragmites australis		0
Phragmites australis subsp. australis		0
Phragmites australis subsp. chrysantha		0
Phragmites australis subsp. chrysanthus		0
Phragmites australis var. flavescens		0
Phragmites australis var. stolonifera		0
Phyllodoce caerulea	-	0
Phyllodoce caerulea		0
Phyllodoce coerulea		0
Physcia stellaris	-	0
Physcia stellaris		0
Physcia stellaris f. radiata		0
Phyteuma globulariifolium	-	0
Phyteuma globulariifolium		0
Phyteuma globulariifolium subsp. globulariifolium		0
Phyteuma orbiculare	-	0
Phyteuma orbiculare		0
Phyteuma orbiculare var. australe		0
Phyteuma ovatum	-	0
Phyteuma ovatum		0
Phyteuma ovatum subsp. pseudospicatum		0
Phyteuma scheuchzeri	-	0
Phyteuma scheuchzeri		0
Phyteuma scheuchzeri subsp. columnae		0
Phyteuma scheuchzeri subsp. scheuchzeri		0
Phyteuma spicatum	-	0

Phyteuma spicatum	0
Phyteuma spicatum subsp. coeruleum	0
Phyteuma spicatum subsp. pyrenaicum	0
Phyteuma spicatum subsp. spicatum	0
Picris hieracioides	- 0
Picris hieracioides	0
Picris hieracioides subsp. grandiflora	0
Picris hieracioides subsp. hieracioides	0
Picris hieracioides subsp. hieracioides var. hiera	0
Picris hieracioides subsp. longifolia	0
Picris hieracioides subsp. spinulosa	0
Picris hieracioides subsp. umbellata	0
Picris hieracioides var. rielii	0
Picris strigosa	- 0
Picris strigosa	0
Picris strigosa var. strigosa	0
Pilosella auriculoides	- 0
Hieracium x auriculoides	0
Pilosella aurantiaca	- 0
Pilosella aurantiaca	0
Pilosella aurantiaca subsp. aurantiaca	0
Pilosella bauhini	- 0
Pilosella bauhini	0
Pilosella bauhini subsp. bauhini	0
Pilosella bauhini subsp. magyarica	0
Pilosella caespitosa	- 0
Pilosella caespitosa	0
Pilosella caespitosa subsp. caespitosa	0
Pilosella cymosa	- 0
Pilosella cymosa	0
Pilosella cymosa subsp. cymosa	0
Pilosella cymosa subsp. sabina	0
Pilosella cymosa subsp. vaillantii	0
Hieracium cymosum subsp. cymosum	0
Hieracium cymosum subsp. heldreichianum	0
Pilosella echioides	- 0
Pilosella echioides	0
Pilosella echioides subsp. echioides	0
Pilosella echioides subsp. procera	0

Pilosella hoppeana	-	0
Pilosella hoppeana		0
Pilosella hoppeana subsp. hoppeana		0
Pilosella hoppeana subsp. lydia		0
Pilosella hoppeana subsp. pilisquama		0
Pilosella hoppeana subsp. testimonialis		0
Pilosella hoppeana subsp. troica		0
Hieracium hoppeanum aggr.		0
Hieracium hoppeanum gr.		0
Hieracium hoppeanum s.l.		0
Hieracium macranthum		0
Pilosella lactucella	-	0
Pilosella lactucella		0
Pilosella lactucella subsp. lactucella		0
Pilosella lactucella subsp. nana		0
Pilosella lactucella subsp. nanum		0
Pilosella officinarum	-	0
Pilosella officinarum		0
Hieracium pilosella aggr.		0
Hieracium gr. pilosella		0
Pilosella piloselloides	-	0
Pilosella piloselloides		0
Pilosella piloselloides subsp. magyarica		0
Pilosella piloselloides subsp. megalomastix		0
Pilosella piloselloides subsp. piloselloides		0
Pilosella piloselloides subsp. praealta		0
Pimpinella gracilis	-	0
Pimpinella gracilis		0
Pimpinella gracilis var. puberula		0
Pimpinella major	-	0
Pimpinella major		0
Pimpinella major subsp. major		0
Pimpinella major subsp. rubra		0
Pimpinella saxifraga	-	0
Pimpinella saxifraga		0
Pimpinella saxifraga subsp. saxifraga		0
Pimpinella saxifraga var. dissectata		0
Pimpinella tragium	-	0
Pimpinella tragium		0

Pimpinella tragium subsp. depressa	0
Pimpinella tragium subsp. lithophila	0
Pimpinella tragium subsp. polyclada	0
Pimpinella tragium subsp. titanophila	0
Pimpinella tragium subsp. tragium	0
Pimpinella traagium subsp. lithophila	0
Pinguicula grandiflora	- 0
Pinguicula grandiflora	0
Pinguicula grandiflora subsp. coenocantab	0
Pinguicula grandiflora subsp. grandiflora	0
Pinguicula longifolia	- 0
Pinguicula longifolia	0
Pinguicula longifolia subsp. longifolia	0
Pinguicula vulgaris	- 0
Pinguicula vulgaris	0
Pinguicula vulgaris subsp. alpicola	0
Pinus mugo	- 0
Pinus mugo	0
Pinus mugo s.s.	0
Pinus mugo subsp. mugo	0
Pinus mugo var. pumilio	0
Pinus mugo aggr.	- 0
Pinus mugo aggr.	0
Pinus montana	0
Pinus mugo subsp. rotundata	- 0
Pinus montana subsp. uliginosa	0
Pinus rotundata	0
Pinus uliginosa	0
Pinus x rotundata	0
Pinus x pseudopumilio (P. mugo x rotundata)	0
Pinus nigra	- 0
Pinus nigra	0
Pinus nigra subsp. nigra	0
Pinus nigra subsp. nigra var. caramanic	0
Pinus nigra subsp. pallasiana	0
Pinus nigra subsp. dalmatica	0
Pinus nigra subsp. laricio	0
Pinus nigra subsp. salzmannii	0
Pinus nigra var. caramanica	0

Pinus pinaster	-	0
Pinus pinaster		0
Pinus pinaster subsp. acutisquama		0
Pinus pinaster subsp. hamiltonii		0
Pinus pinaster subsp. pinaster		0
Pinus pinaster subsp. escarena		0
Pinus escarena		0
Pinus maritima		0
Pinus uncinata	-	0
Pinus uncinata		0
Pinus montana subsp. arborea		0
Piptatherum holciforme	-	0
Piptatherum holciforme		0
Piptatherum holciforme subsp. holciforme var. holc		0
Piptatherum miliaceum	-	0
Piptatherum miliaceum		0
Piptatherum miliaceum subsp. miliaceum		0
Piptatherum miliaceum subsp. thomasi		0
Pistacia atlantica	-	0
Pistacia atlantica		0
Pistacia atlantica subsp. mutica		0
Pistacia terebinthus	-	0
Pistacia terebinthus		0
Pistacia terebinthus subsp. palaestina		0
Pistacia terebinthus subsp. terebinthus		0
Pisum sativum	-	0
Pisum sativum		0
Pisum sativum subsp. elatius		0
Pisum sativum subsp. elatius var. pumilio		0
Pisum sativum subsp. sativum		0
Plagiochila asplenioides	-	0
Plagiochila asplenioides		0
Plagiochila asplenioides subsp. minor		0
Plagiochila asplenioides var. minor		0
Plagiomnium medium	-	0
Plagiomnium medium		0
Plagiomnium medium subsp. curvatulum		0
Plagiomnium medium subsp. medium		0

Plagiothecium denticulatum	-	0
Plagiothecium denticulatum		0
Plagiothecium denticulatum var. denticulatum		0
Plagiothecium denticulatum var. obtusifolium		0
Plagiothecium denticulatum var. undulatum		0
Plagiothecium denticul var. curvifolium		0
Plagiothecium denticul var. denticulatum		0
Plagiothecium laetum	-	0
Plagiothecium laetum		0
Plagiothecium laetum var. laetum		0
Plantago afra	-	0
Plantago afra		0
Plantago afra subsp. zwierleinii		0
Plantago alpina	-	0
Plantago alpina		0
Plantago alpina subsp. alpina		0
Plantago arborescens	-	0
Plantago arborescens		0
Plantago arborescens subsp. maderensis		0
Plantago argentea	-	0
Plantago argentea		0
Plantago argentea subsp. argentea		0
Plantago argentea subsp. liburnica		0
Plantago atrata	-	0
Plantago atrata		0
Plantago atrata subsp. discolor		0
Plantago atrata subsp. fuscescens		0
Plantago atrata subsp. graeca		0
Plantago bellardii	-	0
Plantago bellardii		0
Plantago bellardii subsp. bellardii		0
Plantago bellardii subsp. bellardii		0
Plantago bellardii subsp. deflexa		0
Plantago coronopus aggr.	-	0
Plantago coronopus		0
Plantago coronopus subsp. cupanii		0
Plantago weldenii		0
Plantago cupanii		0
Plantago coronopus subsp. humilis		0



Plantago cretica	-	0
Plantago cretica		0
Plantago cretica subsp. psyllium		0
Plantago holosteum	-	0
Plantago holosteum		0
Plantago holosteum subsp. depauperata		0
Plantago holosteum subsp. holosteum		0
Plantago lanceolata	-	0
Plantago lanceolata		0
Plantago lanceolata subsp. lanceolata		0
Plantago lanceolata subsp. lanceolata var. sphaero		0
Plantago lanceolata var. eriophylla		0
Plantago lanceolata x media		0
Plantago macrorhiza	-	0
Plantago macrorhiza		0
Plantago macrorhiza subsp. macrorhiza		0
Plantago major	-	0
Plantago major		0
Plantago major subsp. intermedia		0
Plantago major subsp. major		0
Plantago major subsp. pleiosperma		0
Plantago major subsp. winteri		0
Plantago major var. brachyostachya		0
Plantago major var. brachystachya		0
Plantago major var. microstachya		0
Plantago maritima	-	0
Plantago maritima		0
Plantago maritima subsp. ciliata		0
Plantago maritima subsp. subpolaris		0
Plantago maritima aggr.		0
Plantago media	-	0
Plantago media		0
Plantago media f. urvilleana		0
Plantago media subsp. media		0
Plantago media subsp. media var. pindica		0
Plantago media subsp. urvilleana		0
Plantago media var. urvilleana		0
Plantago monosperma	-	0
Plantago monosperma		0

Plantago monosperma subsp. discolor	0
Plantago subulata	- 0
Plantago subulata	0
Plantago subulata subsp. subulata	0
Plantago tenuiflora	- 0
Plantago tenuiflora	0
Plantago tenuiflora f. depauperata	0
Platycapnos spicatus	- 0
Platycapnos spicatus	0
Platycapnos spicatus subsp. spicatus	0
Poa alpina	- 0
Poa alpina	0
Poa alpina subsp. alpina	0
Poa alpina subsp. brevifolia	0
Poa alpina subsp. legionensis	0
Poa alpina var. gelida	0
Poa alpina var. nodosum	0
Poa bivonae	- 0
Poa bivonae	0
Poa alpina subsp. insularis	0
Poa annua	- 0
Poa annua var. aquatica	0
Poa annua var. pauciflora	0
Poa annua var. reptans	0
Poa badensis	- 0
Poa badensis	0
Poa badensis aggr.	0
Poa bulbosa	- 0
Poa bulbosa	0
Poa bulbosa subsp. bulbosa	0
Poa bulbosa aggr.	0
Poa cenisia	- 0
Poa cenisia	0
Poa cenisia subsp. fontqueri	0
Poa compressa	- 0
Poa compressa	0
Poa compressa subsp. compressa	0

Poa granitica	-	0
Poa granitica		0
Poa granitica subsp. disparilis		0
Poa granitica subsp. granitica		0
Poa laxa	-	0
Poa laxa		0
Poa laxa subsp. laxa		0
Poa laxa subsp. pruinosa		0
Poa nemoralis	-	0
Poa nemoralis		0
Poa nemoralis subsp. carpatica		0
Poa nemoralis subsp. glauca		0
Poa nemoralis subsp. lapponica		0
Poa nemoralis subsp. montana		0
Poa nemoralis subsp. nemoralis		0
Poa nemoralis subsp. pyrenaica		0
Poa nemoralis var. agrostoides		0
Poa nemoralis var. coarctata		0
Poa nemoralis var. montana		0
Poa nemoralis aggr.		0
Poa palustris	-	0
Poa palustris		0
Poa palustris subsp. xerotica		0
Poa pannonica	-	0
Poa pannonica		0
Poa pannonica subsp. scabra		0
Poa pratensis aggr.	-	0
Poa pratensis		0
Poa pratensis subsp. alpigena		0
Poa pratensis subsp. irrigata		0
Poa pratensis subsp. pratensis		0
Poa pratensis subsp. pratensis var. pratensis		0
Poa pratensis var. capillifolia		0
Poa pratensis aggr.		0
Poa angustifolia		0
Poa angustifolia var. collina		0
Poa angustifolia var. setacea		0
Poa angustifolia var. strigosa		0
Poa pratensis/trivialis		0
Poa sibirica	-	0

Poa sibirica	0
Poa sibirica subsp. uralensis	0
Poa trivialis	- 0
Poa trivialis	0
Poa trivialis subsp. sylvicola	0
Poa trivialis subsp. trivialis	0
Podospermum roseum	- 0
Podospermum roseum	0
Podospermum roseum subsp. peristericum	0
Pohlia elongata	- 0
Pohlia elongata	0
Pohlia elongata subsp. polymorpha	0
Pohlia elongata var. greenii	0
Pohlia elongata var. polymorpha	0
Pohlia wahlenbergii	- 0
Pohlia wahlenbergii	0
Pohlia wahlenbergii var. calcarea	0
Pohlia wahlenbergii var. glacialis	0
Pohlia wahlenbergii var. wahlenbergii	0
Polycarpon polycarpoides	- 0
Polycarpon polycarpoides	0
Polycarpon polycarpoides subsp. catalaunicum	0
Polycarpon polycarpoides subsp. colomense	0
Polycarpon polycarpoides subsp. polycarpoides	0
Polycarpon tetraphyllum	- 0
Polycarpon tetraphyllum	0
Polycarpon tetraphyllum subsp. alsinifolium	0
Polycarpon tetraphyllum subsp. diphyllum	0
Polycarpon tetraphyllum subsp. tetraphyllum	0
Polygala alpestris	- 0
Polygala alpestris	0
Polygala alpestris subsp. alpestris	0
Polygala alpestris subsp. croatica	0
Polygala amara	- 0
Polygala amara	0
Polygala amara subsp. amara	0
Polygala amara subsp. brachyptera	0
Polygala comosa	- 0

Polygala comosa	0
Polygala comosa subsp. comosa	0
Polygala major	- 0
Polygala major	0
Polygala major subsp. major	0
Polygala nicaeensis aggr.	- 0
Polygala nicaeensis	0
Polygala nicaeensis subsp. caesalpinii	0
Polygala nicaeensis subsp. nicaeensis	0
Polygala nicaeensis subsp. tomentella	0
Polygala forojulensis subsp. carniolica	0
Polygala nicaeensis subsp. corsica	0
Polygala forojulensis	0
Polygala nicaeensis subsp. mediterranea	0
Polygala pruinosa	- 0
Polygala pruinosa subsp. megaptera	0
Polygala pruinosa subsp. pruinosa	0
Polygala supina	- 0
Polygala supina	0
Polygala supina subsp. murbeckii	0
Polygala supina subsp. rhodopaea	0
Polygala supina subsp. supina	0
Polygala vulgaris	- 0
Polygala vulgaris	0
Polygala vulgaris f. albida	0
Polygala vulgaris f. albifida	0
Polygala vulgaris subsp. oxyptera	0
Polygala vulgaris subsp. vulgaris	0
Polygonatum odoratum	- 0
Polygonatum odoratum	0
Polygonatum odoratum subsp. odoratum	0
Polygonum amphibium	- 0
Polygonum amphibium f. natans	0
Polygonum amphibium f. terrestris	0
Polygonum amphibium var. palustre	0
Polygonum arenarium	- 0
Polygonum arenarium	0
Polygonum arenarium subsp. arenarium	0
Polygonum arenarium subsp. pulchellum	0

Polygonum aviculare	-	0
Polygonum aviculare		0
Polygonum aviculare subsp. aviculare		0
Polygonum aviculare subsp. calcatum		0
Polygonum aviculare subsp. neglectum		0
Polygonum setosum	-	0
Polygonum setosum		0
Polygonum setosum subsp. luzuloides		0
Polypodium cambricum	-	0
Polypodium cambricum		0
Polypodium cambricum subsp. cambricum		0
Polypogon maritimus	-	0
Polypogon maritimus		0
Polypogon maritimus subsp. maritimus		0
Polystichum aculeatum	-	0
Polystichum aculeatum		0
Polystichum aculeatum f. aristatum		0
Polystichum aculeatum var. umbraticum		0
Polystichum lonchitis	-	0
Polystichum lonchitis		0
Polystichum lonchitis f. longiaristatum		0
Polystichum setiferum	-	0
Polystichum setiferum		0
Polystichum setiferum f. microlobum		0
Polytrichastrum alpinum	-	0
Polytrichastrum alpinum		0
Polytrichastrum alpinum var. alpinum		0
Polytrichastrum formosum	-	0
Polytrichastrum formosum		0
Polytrichum formosum		0
Polytrichum commune	-	0
Polytrichum commune		0
Polytrichum commune var. commune		0
Polytrichum commune var. perigoniale		0
Polytrichum commune var. jensenii		0
Polytrichum commune var. nigrescens		0
Polytrichum commune var. uliginosum		0

Polytrichum juniperinum	-	0
Polytrichum juniperinum		0
Polytrichum juniperinum var. juniperinum		0
Populus nigra	-	0
Populus nigra		0
Populus nigra subsp. betulifolia		0
Populus nigra subsp. nigra		0
Populus nigra subsp. nigra var. nigra		0
Populus x canadensis	-	0
Populus canadensis		0
Populus x canadensis		0
Populus x canadensis (P. deltoides x nigra)		0
Populus x canescens	-	0
Populus canescens		0
Populus x canescens		0
Populus x canescens (P. alba x tremula)		0
Porella platyphylla	-	0
Porella platyphylla		0
Porella platyphylla subsp. baueri		0
Portulaca oleracea	-	0
Portulaca oleracea		0
Portulaca oleracea subsp. oleracea		0
Potamogeton acutifolius	-	0
Potamogeton acutifolius		0
Potamogeton acutifolius f. major		0
Potamogeton compressus	-	0
Potamogeton compressus		0
Potamogeton compressus f. latifolius		0
Potamogeton gramineus	-	0
Potamogeton gramineus		0
Potamogeton gramineus f. terrestris		0
Potamogeton obtusifolius	-	0
Potamogeton obtusifolius		0
Potamogeton obtusifolius f. latifrons		0
Potamogeton pectinatus	-	0
Potamogeton pectinatus subsp. mongolicus		0

Potamogeton pectinatus var. scoparius	0
Potentilla anglica	- 0
Potentilla anglica	0
Potentilla anglica aggr.	0
Potentilla apennina	- 0
Potentilla apennina	0
Potentilla apennina subsp. apennina	0
Potentilla apennina subsp. stoianovii	0
Potentilla argentea	- 0
Potentilla argentea	0
Potentilla argentea f. incanescens	0
Potentilla argentea subsp. argentea	0
Potentilla argentea var. incanescens	0
Potentilla argentea var. latisecta	0
Potentilla argentea var. tenuiloba	0
Potentilla astracanic	- 0
Potentilla astracanic	0
Potentilla astracanic subsp. callieri	0
Potentilla aurea	- 0
Potentilla aurea	0
Potentilla aurea subsp. aurea	0
Potentilla aurea subsp. chrysocraspeda	0
Potentilla caulescens	- 0
Potentilla caulescens	0
Potentilla caulescens f. persicina	0
Potentilla caulescens subsp. nebrodensis	0
Potentilla caulescens var. cebennensis	0
Potentilla caulescens var. petiolulata	0
Potentilla cinerea	- 0
Potentilla cinerea	0
Potentilla cinerea var. tommasiana	0
Potentilla crantzii	- 0
Potentilla crantzii	0
Potentilla crantzii var. crantzii	0
Potentilla detommasii	- 0
Potentilla detommasii	0
Potentilla detommasii var. holosericea	0



Potentilla erecta	-	0
Potentilla erecta		0
Potentilla erecta subsp. strictissima		0
Potentilla heptaphylla	-	0
Potentilla heptaphylla		0
Potentilla heptaphylla subsp. australis		0
Potentilla heptaphylla subsp. fagineicola		0
Potentilla hirta	-	0
Potentilla hirta		0
Potentilla hirta subsp. laeta		0
Potentilla hirta var. laeta		0
Potentilla hirta var. zlatiborensis		0
Potentilla nivalis	-	0
Potentilla nivalis		0
Potentilla nivalis subsp. asturica		0
Potentilla nivea	-	0
Potentilla nivea		0
Potentilla nivea subsp. nivea		0
Potentilla pedata	-	0
Potentilla pedata		0
Potentilla pedata var. pinnatifida		0
Potentilla recta	-	0
Potentilla recta		0
Potentilla recta subsp. laciniosa		0
Potentilla recta subsp. obscura		0
Potentilla recta subsp. pilosa		0
Potentilla recta subsp. recta		0
Potentilla supina	-	0
Potentilla supina		0
Potentilla supina subsp. supina		0
Potentilla supina var. paradoxa		0
Pottia starkeana	-	0
Pottia starkeana		0
Pottia starkeana subsp. conica		0
Primula acaulis	-	0
Primula acaulis		0
Primula acaulis subsp. acaulis		0
Primula acaulis subsp. balearica		0

Primula acaulis subsp. rubra	0
Primula acaulis var. rubra	0
Primula auricula	- 0
Primula auricula	0
Primula auricula subsp. hungarica	0
Primula auricula subsp. serratifolia	0
Primula elatior	- 0
Primula elatior	0
Primula elatior subsp. amoena	0
Primula elatior subsp. elatior	0
Primula elatior subsp. intricata	0
Primula elatior subsp. leucophylla	0
Primula elatior subsp. lofthousei	0
Primula elatior subsp. tatrensis	0
Primula farinosa	- 0
Primula farinosa	0
Primula farinosa subsp. farinosa	0
Primula frondosa	- 0
Primula frondosa	0
Primula frondosa subsp. exigua	0
Primula latifolia	- 0
Primula latifolia	0
Primula latifolia subsp. graveolens	0
Primula veris	- 0
Primula veris	0
Primula veris subsp. canescens	0
Primula veris subsp. columnae	0
Primula veris subsp. macrocalyx	0
Primula veris subsp. veris	0
Primula villosa	- 0
Primula villosa	0
Primula villosa subsp. infecta	0
Prospero obtusifolium	- 0
Prospero obtusifolium	0
Prospero obtusifolium subsp. intermedium	0
Prunella grandiflora	- 0
Prunella grandiflora	0
Prunella grandiflora subsp. grandiflora	0

Prunella grandiflora subsp. pyrenaica	0
Prunella gr. grandiflora	0
Prunella vulgaris	- 0
Prunella vulgaris	0
Prunella vulgaris subsp. vulgaris	0
Prunus avium	- 0
Prunus avium	0
Prunus avium var. actiana	0
Prunus cerasifera	- 0
Prunus divaricata subsp. divaricata	0
Prunus cerasus	- 0
Prunus cerasus	0
Prunus cerasus subsp. cerasus	0
Prunus cerasus aggr.	0
Prunus cocomilia	- 0
Prunus cocomilia	0
Prunus cocomilia var. cocomilia	0
Prunus cocomilia var. puberula	0
Prunus domestica	- 0
Prunus domestica	0
Prunus domestica subsp. domestica	0
Prunus domestica subsp. insititia	0
Prunus mahaleb	- 0
Prunus mahaleb	0
Prunus mahaleb subsp. cupaniana	0
Prunus mahaleb subsp. mahaleb	0
Prunus padus	- 0
Prunus padus	0
Prunus padus subsp. padus	0
Prunus spinosa	- 0
Prunus spinosa	0
Prunus spinosa subsp. dasyphylla	0
Prunus spinosa subsp. insititioides	0
Prunus spinosa subsp. spinosa	0
Prunus spinosa var. dasyphylla	0
Prunus spinosa aggr.	0
Prunus spinosa v dasyphylla	0

Pseudevernia furfuracea	-	0
Pseudevernia furfuracea		0
Pseudevernia furfuracea var. ceratea		0
Pseudofumaria alba	-	0
Pseudofumaria alba		0
Pseudofumaria alba subsp. acaulis		0
Pseudofumaria alba subsp. alba		0
Pseudofumaria alba subsp. leiosperma		0
Pseudolysimachion barrelieri	-	0
Pseudolysimachion barrelieri subsp. barrelieri		0
Pseudolysimachion barrelieri subsp. nitens		0
Pseudorchis albida	-	0
Pseudorchis albida		0
Pseudorchis albida subsp. albida		0
Pseudorchis albida subsp. straminea		0
Pseudotsuga menziesii	-	0
Pseudotsuga species		0
Pseudotsuga menziesii		0
Pseudotsuga menziesii (cult.)		0
Pterocephalus perennis	-	0
Pterocephalus perennis		0
Pterocephalus perennis subsp. bellidifolius		0
Pterocephalus perennis subsp. perennis		0
Ptilostemon gnaphaloides	-	0
Ptilostemon gnaphaloides		0
Ptilostemon gnaphaloides subsp. pseudofruticosus		0
Puccinellia distans	-	0
Puccinellia distans		0
Puccinellia distans subsp. distans		0
Puccinellia distans subsp. hauptiana		0
Puccinellia distans subsp. limosa		0
Puccinellia dolicholepis	-	0
Puccinellia dolicholepis		0
Puccinellia dolicholepis subsp. fominii		0
Puccinellia fasciculata	-	0
Puccinellia fasciculata		0
Puccinellia fasciculata subsp. fasciculata		0

<i>Puccinellia festuciformis</i>	-	0
<i>Puccinellia festuciformis</i>		0
<i>Puccinellia festuciformis</i> subsp. <i>festuciformis</i>		0
<i>Pulicaria arabica</i>	-	0
<i>Pulicaria arabica</i>		0
<i>Pulicaria arabica</i> subsp. <i>hispanica</i>		0
<i>Pulmonaria mollis</i>	-	0
<i>Pulmonaria mollis</i>		0
<i>Pulmonaria mollis</i> subsp. <i>alpigena</i>		0
<i>Pulmonaria mollis</i> subsp. <i>mollis</i>		0
<i>Pulmonaria mollis</i> subsp. <i>mollisima</i>		0
<i>Pulmonaria montana</i>	-	0
<i>Pulmonaria montana</i>		0
<i>Pulmonaria montana</i> subsp. <i>montana</i>		0
<i>Pulmonaria officinalis</i>	-	0
<i>Pulmonaria officinalis</i>		0
<i>Pulmonaria officinalis</i> aggr.		0
<i>Pulmonaria officinalis</i> subsp. <i>officinalis</i>		0
<i>Pulsatilla alpina</i>	-	0
<i>Pulsatilla alpina</i>		0
<i>Pulsatilla alpina</i> subsp. <i>alba</i>		0
<i>Pulsatilla alpina</i> subsp. <i>alba</i> auct. sudet. & carpa		0
<i>Pulsatilla alpina</i> subsp. <i>alpina</i>		0
<i>Pulsatilla alpina</i> subsp. <i>apiifolia</i>		0
<i>Pulsatilla alpina</i> subsp. <i>austroalpina</i>		0
<i>Pulsatilla alpina</i> subsp. <i>cantabrica</i>		0
<i>Pulsatilla alpina</i> subsp. <i>font-queri</i>		0
<i>Pulsatilla alpina</i> subsp. <i>millefoliata</i>		0
<i>Pulsatilla alpina</i> subsp. <i>alba</i> auct. sudet. & carpat.		0
<i>Pulsatilla halleri</i>	-	0
<i>Pulsatilla halleri</i>		0
<i>Pulsatilla halleri</i> subsp. <i>halleri</i>		0
<i>Pulsatilla halleri</i> subsp. <i>macedonica</i>		0
<i>Pulsatilla halleri</i> subsp. <i>rhodopaea</i>		0
<i>Pulsatilla halleri</i> subsp. <i>slavica</i>		0
<i>Pulsatilla halleri</i> subsp. <i>styriaca</i>		0
<i>Pulsatilla halleri</i> subsp. <i>taurica</i>		0
<i>Pulsatilla montana</i>	-	0
<i>Pulsatilla montana</i>		0
<i>Pulsatilla montana</i> subsp. <i>montana</i>		0

Pulsatilla patens	-	0
Pulsatilla patens		0
Pulsatilla patens subsp. flavescens		0
Pulsatilla patens subsp. patens		0
Pulsatilla patens subsp. teklae		0
Pulsatilla patens subsp. flavescens		0
Pulsatilla pratensis	-	0
Pulsatilla pratensis		0
Pulsatilla pratensis subsp. pratensis		0
Pulsatilla vulgaris	-	0
Pulsatilla vulgaris		0
Pulsatilla vulgaris subsp. grandis		0
Pulsatilla vulgaris subsp. vulgaris		0
Pyrola rotundifolia	-	0
Pyrola rotundifolia		0
Pyrola rotundifolia subsp. maritima		0
Pyrola rotundifolia subsp. rotundifolia		0
Pyrus communis	-	0
Pyrus communis		0
Pyrus communis subsp. caucasica		0
Pyrus communis subsp. communis		0
Pyrus communis subsp. pyraeter		0
Pyrus communis aggr.		0
Pyrus pyraeter aggr.		0
Pyrus elaeagrifolia	-	0
Pyrus elaeagrifolia		0
Pyrus elaeagrifolia subsp. bulgarica		0
Pyrus elaeagrifolia subsp. elaeagrifolia		0
Pyrus elaeagnifolia subsp. elaeagnifolia		0
Pyrus elaeagnifolia subsp. kotschyana		0
Pyrus syriaca	-	0
Pyrus syriaca		0
Pyrus syriaca var. syriaca		0
Quercus congesta	-	0
Quercus congesta		0
Quercus leptobalanos		0
Quercus faginea	-	0
Quercus faginea		0

Quercus faginea subsp. broteroi	0
Quercus faginea subsp. faginea	0
Quercus ilex	- 0
Quercus ilex	0
Quercus ilex subsp. gracilis	0
Quercus infectoria	- 0
Quercus infectoria	0
Quercus infectoria subsp. boissieri	0
Quercus infectoria subsp. infectoria	0
Quercus ithaburensis	- 0
Quercus aegilops	0
Quercus ithaburensis	0
Quercus ithaburensis subsp. ithaburensis	0
Quercus ithaburensis subsp. macrolepis	0
Quercus macranthera	- 0
Quercus macranthera	0
Quercus macranthera subsp. syspirensis	0
Quercus petraea	- 0
Quercus petraea	0
Quercus petraea subsp. austrotyrrhenica	0
Quercus petraea subsp. huguetiana	0
Quercus petraea subsp. iberica	0
Quercus petraea subsp. medwediewii	0
Quercus petraea subsp. pinnatiloba	0
Quercus petraea aggr.	0
Quercus petraea subsp. petraea	0
Quercus pubescens	- 0
Quercus pubescens	0
Quercus pubescens subsp. anatolica	0
Quercus pubescens subsp. crispata	0
Quercus pubescens subsp. pubescens	0
Quercus pubescens subsp. subpyrenaica	0
Quercus pubescens + Q. pubescens x petraea	0
Quercus pyrenaica	- 0
Quercus pyrenaica	0
Quercus pyrenaica subsp. x_robur	0
Quercus pyrenaica (hybr.)	0
Quercus robur	- 0
Quercus robur	0

Quercus robur subsp. broteroana	0
Quercus robur subsp. brutia	0
Quercus robur subsp. pedunculiflora	0
Quercus robur subsp. robur	0
Quercus robur var. perrobusta	0
Quercus pedunculiflora + robur	0
Quercus rotundifolia	- 0
Quercus ilex subsp. rotundifolia	0
Quercus trojana	- 0
Quercus trojana	0
Quercus trojana subsp. euboica	0
Quercus trojana subsp. trojana	0
Quercus x cerrioides	- 0
Quercus cerrioides	0
Quercus x streimii	- 0
Quercus streimii	0
Racomitrium canescens	- 0
Racomitrium canescens	0
Racomitrium canescens subsp. canescens	0
Racomitrium canescens var. canescens	0
Racomitrium canescens var. intermedium	0
Racomitrium macounii	- 0
Racomitrium macounii	0
Racomitrium macounii subsp. macounii	0
Ranunculus acris	- 0
Ranunculus acris	0
Ranunculus acris subsp. acris	0
Ranunculus acris subsp. friesianus	0
Ranunculus acris subsp. latilobus	0
Ranunculus acris subsp. stevenii	0
Ranunculus acris subsp. strigulosus	0
Ranunculus acris aggr.	0
Ranunculus subborealis	0
Ranunculus subborealis subsp. pumilus	0
Ranunculus strigulosus	0
Ranunculus steveni	0
Ranunculus alpestris	- 0
Ranunculus alpestris	0
Ranunculus alpestris subsp. alpestris	0



Ranunculus alpestris subsp. leroyi	0
Ranunculus alpestris subsp. traunfellneri	0
Ranunculus aquatilis	- 0
Ranunculus aquatilis	0
Ranunculus aquatilis f. terrestris	0
Ranunculus aquatilis var. aquatilis	0
Ranunculus aquatilis var. diffusus	0
Ranunculus brachylobus	- 0
Ranunculus brachylobus	0
Ranunculus brachylobus subsp. brachylobus	0
Ranunculus brachylobus subsp. incisilobatus	0
Ranunculus bulbosus	- 0
Ranunculus bulbosus	0
Ranunculus bulbosus f. hirsutus	0
Ranunculus bulbosus subsp. aleae	0
Ranunculus bulbosus subsp. aleae var. ascendens	0
Ranunculus bulbosus subsp. bulbifer	0
Ranunculus bulbosus subsp. bulbosus	0
Ranunculus bulbosus subsp. castellanus	0
Ranunculus bulbosus subsp. hispanicus	0
Ranunculus bulbosus subsp. valdepubens	0
Ranunculus bulbosus var. cacuminalis	0
Ranunculus bulbosus var. gallaecicus	0
Ranunculus bulbosus var. hispanicus	0
Ranunculus bulbosus var. valdepubens	0
Ranunculus bulbosus s.l.	0
Ranunculus bullatus	- 0
Ranunculus bullatus	0
Ranunculus bullatus subsp. cytheraeus	0
Ranunculus caucasicus	- 0
Ranunculus caucasicus	0
Ranunculus caucasicus subsp. caucasicus	0
Ranunculus caucasicus subsp. subleiocarpus	0
Ranunculus cordiger	- 0
Ranunculus cordiger	0
Ranunculus cordiger subsp. diffusus	0
Ranunculus cortusifolius	- 0
Ranunculus cortusifolius	0
Ranunculus cortusifolius subsp. major	0

Ranunculus dissectus	-	0
Ranunculus dissectus subsp. dissectus		0
Ranunculus dissectus subsp. ermenekensis		0
Ranunculus dissectus subsp. glabrescens		0
Ranunculus dissectus subsp. huetii		0
Ranunculus dissectus subsp. napellifolius		0
Ranunculus dissectus subsp. rigidulus		0
Ranunculus dissectus subsp. sibthorpii		0
Ranunculus flammula	-	0
Ranunculus flammula		0
Ranunculus flammula subsp. flammula		0
Ranunculus hyperboreus	-	0
Ranunculus hyperboreus		0
Ranunculus hyperboreus subsp. arnellii		0
Ranunculus illyricus	-	0
Ranunculus illyricus		0
Ranunculus illyricus subsp. illyricus		0
Ranunculus illyricus subsp. tendrii		0
Ranunculus isthmicus	-	0
Ranunculus isthmicus		0
Ranunculus isthmicus subsp. isthmicus		0
Ranunculus isthmicus subsp. stepporum		0
Ranunculus isthmicus subsp. tenuifolius		0
Ranunculus macrorhynchus	-	0
Ranunculus macrorhynchus subsp. macrorhynchus		0
Ranunculus macrorhynchus subsp. trigonocarpus		0
Ranunculus montanus	-	0
Ranunculus montanus		0
Ranunculus montanus f. serpentini		0
Ranunculus montanus subsp. aduncus		0
Ranunculus montanus subsp. gouanii		0
Ranunculus muricatus	-	0
Ranunculus muricatus		0
Ranunculus muricatus var. saxatilis		0
Ranunculus ollissiponensis	-	0
Ranunculus ollissiponensis		0
Ranunculus ollissiponensis subsp. alpinus		0
Ranunculus ollissiponensis subsp. carpetanus		0
Ranunculus ollissiponensis subsp. ollissiponensis		0

Ranunculus parnassiifolius	-	0
Ranunculus parnassiifolius		0
Ranunculus parnassiifolius subsp. cabrerensis		0
Ranunculus parnassiifolius subsp. favargeri		0
Ranunculus parnassiifolius subsp. heterocarpus		0
Ranunculus parnassiifolius subsp. parnassiifolius		0
Ranunculus pedatus	-	0
Ranunculus pedatus		0
Ranunculus pedatus subsp. pedatus		0
Ranunculus pedatus subsp. trojanus		0
Ranunculus peltatus	-	0
Ranunculus peltatus		0
Ranunculus peltatus subsp. fucoides		0
Ranunculus peltatus subsp. peltatus		0
Ranunculus peltatus subsp. saniculifo		0
Ranunculus peltatus subsp. sphaerospermus		0
Ranunculus penicillatus	-	0
Ranunculus penicillatus		0
Ranunculus penicillatus subsp. penicillatus		0
Ranunculus polyanthemos	-	0
Ranunculus polyanthemos		0
Ranunculus polyanthemos subsp. polyanthemoides		0
Ranunculus polyanthemos subsp. polyanthemophyllus		0
Ranunculus polyanthemos subsp. polyanthemos		0
Ranunculus polyanthemos subsp. serpens		0
Ranunculus polyanthemos subsp. thomasii		0
Ranunculus polyanthemos aggr.		0
Ranunculus polyanthemos subsp. nemorosus	-	0
Ranunculus polyanthemos subsp. nemorosus		0
Ranunculus nemorosus aggr.		0
Ranunculus nemorosus subsp. amansii		0
Ranunculus pyrenaeus	-	0
Ranunculus pyrenaeus		0
Ranunculus pyrenaeus subsp. angustifolius		0
Ranunculus pyrenaeus subsp. pyrenaeus		0
Ranunculus sardous	-	0
Ranunculus sardous		0
Ranunculus sardous subsp. sardous		0

Ranunculus sceleratus	-	0
Ranunculus sceleratus		0
Ranunculus sceleratus subsp. sceleratus		0
Ranunculus seguieri	-	0
Ranunculus seguieri		0
Ranunculus seguieri subsp. seguieri		0
Ranunculus spicatus	-	0
Ranunculus spicatus		0
Ranunculus spicatus subsp. blepharicarpos		0
Ranunculus spicatus subsp. rupestris		0
Ranunculus thora	-	0
Ranunculus thora		0
Ranunculus thora var. scutatus		0
Ranunculus trichophyllus	-	0
Ranunculus trichophyllus		0
Ranunculus trichophyllus subsp. eradicatus		0
Ranunculus trichophyllus subsp. trichophy		0
Ranunculus trichophyllus subsp. trichophyllus		0
Ranunculus villosus	-	0
Ranunculus villosus		0
Ranunculus villosus subsp. constantinopolitanus		0
Raphanus raphanistrum	-	0
Raphanus raphanistrum		0
Raphanus raphanistrum subsp. landra		0
Raphanus raphanistrum subsp. microcarpus		0
Raphanus raphanistrum subsp. raphanistr		0
Raphanus raphanistrum subsp. raphanistrum		0
Raphanus sativus	-	0
Raphanus sativus		0
Raphanus sativus var. sativus		0
Reichardia picroides	-	0
Reichardia picroides		0
Reichardia picroides var. picroides		0
Reseda armena	-	0
Reseda armena var. armena		0
Reseda armena var. scabridula		0
Reseda lutea	-	0

Reseda lutea	0
Reseda lutea var. mutans	0
Reseda pauu	- 0
Reseda pauu	0
Reseda pauu subsp. pauu	0
Reseda phyteuma	- 0
Reseda phyteuma	0
Reseda phyteuma subsp. phyteuma	0
Reseda tomentosa	- 0
Reseda tomentosa var. glabrata	0
Reseda tomentosa var. tomentosa	0
Rhagadiolus stellatus	- 0
Rhagadiolus stellatus	0
Rhagadiolus stellatus var. stellatus	0
Rhamnus alaternus	- 0
Rhamnus alaternus	0
Rhamnus alaternus subsp. alaternus	0
Rhamnus alaternus var. parvifolia	0
Rhamnus alaternus var. prostratus	0
Rhamnus alpina	- 0
Rhamnus alpina	0
Rhamnus alpina subsp. alpina	0
Rhamnus alpina subsp. fallax	0
Rhamnus alpinus subsp. alpinus	0
Rhamnus cathartica	- 0
Rhamnus catharticus f. dahuricefolia	0
Rhamnus lycioides	- 0
Rhamnus lycioides	0
Rhamnus lycioides subsp. borgiae	0
Rhamnus lycioides subsp. graecus	0
Rhamnus lycioides subsp. lycioides	0
Rhamnus lycioides subsp. oleoides	0
Rhamnus lycioides subsp. velutinus	0
Rhamnus oleoides subsp. graecus	0
Rhamnus punctatus	- 0
Rhamnus punctatus var. angustifolius	0
Rhamnus punctatus var. punctatus	0

Rhamnus rhodopeus	-	0
Rhamnus rhodopeus		0
Rhamnus rhodopeus subsp. anatolicus		0
Rhamnus saxatilis	-	0
Rhamnus saxatilis		0
Rhamnus saxatilis subsp. infectoria		0
Rhamnus saxatilis subsp. prunifolia		0
Rhamnus saxatilis subsp. rhodopea		0
Rhamnus saxatilis subsp. saxatilis		0
Rhamnus saxatilis subsp. tinctoria		0
Rhinanthus alectorolophus	-	0
Rhinanthus alectorolophus		0
Rhinanthus alectorolophus subsp. alectorolophus		0
Rhinanthus alectorolophus subsp. buccalis		0
Rhinanthus alectorolophus subsp. freynii		0
Rhinanthus angustifolius	-	0
Rhinanthus angustifolius		0
Rhinanthus angustifolius subsp. angustifolius		0
Rhinanthus angustifolius subsp. apterus		0
Rhinanthus angustifolius subsp. grandiflorus		0
Rhinanthus angustifolius subsp. polycladus		0
Rhinanthus glacialis	-	0
Rhinanthus glacialis		0
Rhinanthus glacialis subsp. aristatus		0
Rhinanthus glacialis subsp. subalpinus		0
Rhizocarpon geographicum	-	0
Rhizocarpon geographicum		0
Rhizocarpon geographicum subsp. lindsayanum		0
Rhodax canus	-	0
Rhodax canus		0
Rhodax canus subsp. balcanicum		0
Rhodax canus subsp. canus		0
Rhododendron ferrugineum	-	0
Rhododendron ferruginei		0
Rhododendron ferrugineum		0
Rhododendron ponticum	-	0
Rhododendron ponticum		0
Rhododendron ponticum subsp. baeticum		0
Rhododendron ponticum subsp. ponticum		0

Rhododendron tomentosum	-	0
Rhododendron tomentosum		0
Rhododendron groenlandicum		0
Ledum palustre subsp. palustre		0
Rhynchostegiella tenel	-	0
Rhynchostegiella tenel		0
Rhynchostegiella tenel var. littorea		0
Rhynchostegiella tenel var. tenella		0
Rhynchostegium megapolitanum	-	0
Rhynchostegium megapolitanum		0
Rhynchostegium megapolitanum var. megapolitanum		0
Ribes alpinum	-	0
Ribes alpinum		0
Ribes alpinum subsp. pallidigenum		0
Ribes multiflorum	-	0
Ribes multiflorum		0
Ribes multiflorum subsp. multiflorum		0
Ribes multiflorum subsp. sandalioticum		0
Ribes rubrum aggr.		-
0		
Ribes rubrum		0
Ribes rubrum subsp. sylvestre Syme		0
Ribes spicatum		0
Ribes spicatum subsp. hispidulum		0
Ribes spicatum subsp. lapponicum		0
Ribes uva-crispa	-	0
Ribes uva-crispa		0
Ribes uva-crispa subsp. austroeuropaeum		0
Riccia glauca	-	0
Riccia glauca		0
Riccia glauca var. ciliaris		0
Rinodina mniaraea	-	0
Rinodina mniaraea		0
Rinodina mniaraea var. mniaraea		0
Roemeria hybrida	-	0
Roemeria hybrida		0
Roemeria hybrida subsp. hybrida		0

Rochelia disperma	-	0
Rochelia disperma		0
Rochelia disperma subsp. disperma		0
Rochelia disperma subsp. retorta		0
Rochelia disperma var. disperma		0
Romulea bulbocodium	-	0
Romulea bulbocodium		0
Romulea bulbocodium var. bulbocodium		0
Romulea columnae	-	0
Romulea columnae		0
Romulea columnae subsp. columnae		0
Romulea columnae subsp. rollii		0
Romulea linaresii	-	0
Romulea linaresii		0
Romulea linaresii subsp. graeca		0
Romulea ramiflora	-	0
Romulea ramiflora		0
Romulea ramiflora subsp. ramiflora		0
Rorippa islandica	-	0
Rorippa islandica		0
Rorippa islandica subsp. dogadovae		0
Rorippa sylvestris	-	0
Rorippa sylvestris		0
Rorippa sylvestris subsp. kernerii		0
Rorippa sylvestris subsp. sylvestris		0
Rosa arvensis	-	0
Rosa arvensis		0
Rosa arvensis f. pilifera		0
Rosa canina aggr.	-	0
Rosa canina		0
Rosa canina aggr.		0
Rosa canina subsp. lutetiana		0
Rosa canina subsp. canina		0
Rosa corymbifera		0
Rosa corymbifera aggr.		0
Rosa dumalis		0
Rosa dumalis subsp. dumalis		0
Rosa subcollina		0



Rosa montana	-	0
Rosa montana		0
Rosa montana subsp. woronowii		0
Rosa rubiginosa	-	0
Rosa rubiginosa aggr. s.l.		0
Rosa rubiginosa		0
Rosa villosa	-	0
Rosa villosa		0
Rosa villosa aggr.		0
Rosmarinus officinalis	-	0
Rosmarinus officinalis		0
Rosmarinus officinalis subsp. palaui		0
Rostraria cristata	-	0
Rostraria cristata		0
Rostraria cristata subsp. cristata		0
Rostraria cristata subsp. glabriflora		0
Rostraria cristata var. cristata		0
Rubia fruticosa	-	0
Rubia fruticosa		0
Rubia fruticosa subsp. fruticosa		0
Rubia peregrina	-	0
Rubia peregrina		0
Rubia peregrina subsp. agostinhoi		0
Rubia peregrina var. peregrina		0
Rubia tenuifolia	-	0
Rubia tenuifolia		0
Rubia tenuifolia subsp. brachypoda		0
Rubia tenuifolia subsp. doniettii		0
Rubia tenuifolia subsp. tenuifolia		0
Rubus caesius	-	0
Rubus caesius		0
Rubus caesius var. arvalis		0
Rubus caesius var. aquaticus		0
Rubus caesius var. arvalis		0
Rubus fruticosus aggr.	-	0
Rubus species		0
Rubus adspersus		0

Rubus aetnicus	0
Rubus ammobius	0
Rubus apiculatus	0
Rubus apricus	0
Rubus armeniacus	0
Rubus barrandienicus	0
Rubus bavaricus	0
Rubus bellardii	0
Rubus bertramii	0
Rubus bifrons	0
Rubus bohemicola	0
Rubus brdensis	0
Rubus caeresiensis	0
Rubus calvus	0
Rubus calyculatus	0
Rubus campaniensis	0
Rubus camptostachys	0
Rubus canadensis	0
Rubus silesiacus	0
Rubus canescens	0
Rubus canescens var. canescens	0
Rubus cardiophyllus	0
Rubus castellarnau	0
Rubus castroviejoi	0
Rubus caucasicus	0
Rubus centrobohemius	0
Rubus chaerophyllus	0
Rubus clusii	0
Rubus confusidens	0
Rubus constrictus	0
Rubus cordifolius	0
Rubus corylifolius	0
Rubus corylifolius aggr.	0
Rubus crassus	0
Rubus dasyphyllus	0
Rubus divaricatus	0
Rubus dollnensis	0
Rubus drenthicus	0
Rubus dumetorum	0
Rubus egregius	0
Rubus elatior	0
Rubus elegantispinosus	0
Rubus fabrimontanus	0
Rubus ferocior	0
Rubus flaccidus	0
Rubus flexuosus	0
Rubus foliosus	0

Rubus franconicus	0
Rubus fruticosus agg	0
Rubus fruticosus aggr.	0
Rubus plicatus	0
Rubus fruticosus glandulosi	0
Rubus genevieri	0
Rubus geniculatus	0
Rubus glabratus	0
Rubus glandithyrsos	0
Rubus glandulosus	0
Rubus hirtus aggr.	0
Rubus glaucellus	0
Rubus grabowski	0
Rubus grabowskii	0
Rubus gracilis	0
Rubus gratus	0
Rubus grex	0
Rubus hadracanthos	0
Rubus henriquesii	0
Rubus heteromorphus	0
Rubus pannosus	0
Rubus hirtimimus	0
Rubus horrefactus	0
Rubus humulifolius	0
Rubus incanescens	0
Rubus integribasis	0
Rubus kletensis	0
Rubus koehleri	0
Rubus laciniatus	0
Rubus laevicaulis	0
Rubus lainzii	0
Rubus leucandrus	0
Rubus lindleianus	0
Rubus macrophyllus	0
Rubus mollis	0
Rubus montanus	0
Rubus mucronulatus	0
Rubus nemoralis	0
Rubus nemorosus	0
Rubus nessensis	0
Rubus obtusangulus	0
Rubus opacus	0
Rubus oreades	0
Rubus orthostachys	0
Rubus pedemontanus	0
Rubus phoenicolasius	0
Rubus platyacanthus	0

Rubus praecox	0
Rubus pyramidalis	0
Rubus radula	0
Rubus raduloides	0
Rubus rhombifolius	0
Rubus rivularis	0
Rubus rudis	0
Rubus rufescens	0
Rubus scaber	0
Rubus schlechtendalii	0
Rubus schleicheri	0
Rubus scissus	0
Rubus sect. Corylifolii	0
Rubus senticosus	0
Rubus Ser. Glandulosi	0
Rubus ser. Hystricopses	0
Rubus ser. Hystrix	0
Rubus ser. Radula	0
Rubus Ser. Radulae	0
Rubus serpens	0
Rubus silvaticus	0
Rubus spectabilis	0
Rubus sprengelii	0
Rubus stereacanthos	0
Rubus subgen. Rubus	0
Rubus sulcatus	0
Rubus tereticaulis	0
Rubus thyrsiflorus	0
Rubus vagabundus	0
Rubus vestitus	0
Rubus vigoii	0
Rubus vigorosus	0
Rubus wimmerianus	0
Rubus x idaeoides	0
Rubus acanthodes	0
Rubus acheruntius	0
Rubus angustipaniculatus	0
Rubus anoplocladus	0
Rubus arduennensis	0
Rubus crispomarginatus	0
Rubus curtiglandulosus	0
Rubus euryanthemus	0
Rubus fasciculatus	0
Rubus fruticosus x idaeus	0
Rubus fuscus	0
Rubus gothicus	0
Rubus graecensis	0

Rubus grossus	0
Rubus guentheri	0
Rubus hercynicus	0
Rubus infestus	0
Rubus micans	0
Rubus odoratus	0
Rubus orthostachyoides	0
Rubus patientis	0
Rubus platyphyllos	0
Rubus rubiginosus	0
Rubus salisburgensis	0
Rubus sect. Rubus	0
Rubus suberectus	0
Rubus thelybatos	0
Rubus wimmeranus	0
Rubus x tranzschelii	0
Rubus idaeus	- 0
Rubus idaeus	0
Rubus idaeus f. idaeus	0
Rubus idaeus subsp. idaeus	0
Rubus idaeus subsp. strigosus	0
Rubus ulmifolius	- 0
Rubus caesius x ulmifolius	0
Rubus ulmifolius	0
Rubus ulmifolius et hirtus	0
Rubus Xulmifolius_X_R._caesius	0
Rumex acetosa	- 0
Rumex acetosa	0
Rumex acetosa aggr.	0
Rumex acetosa subsp. acetosa	0
Rumex acetosa subsp. biformis	0
Rumex acetosa subsp. hibernicus	0
Rumex acetosella	- 0
Rumex acetosella	0
Rumex acetosella subsp. acetosella	0
Rumex acetosella subsp. acetoselloides	0
Rumex acetosella subsp. angiocarpus	0
Rumex acetosella subsp. multifidus	0
Rumex acetosella var. multifida	0
Rumex acetosella aggr.	0
Rumex acetosella subsp. tenuifolius	0
Rumex angustifolius	- 0

Rumex angustifolius subsp. angustifolius	0
Rumex angustifolius subsp. macranthus	0
Rumex bucephalophorus	- 0
Rumex bucephalophorus	0
Rumex bucephalophorus subsp. aegaeus	0
Rumex bucephalophorus subsp. bucephalophorus	0
Rumex bucephalophorus subsp. gallicus	0
Rumex conglomeratus	- 0
Rumex conglomeratus	0
Rumex conglomeratus f. pusillus	0
Rumex crispus	- 0
Rumex crispus	0
Rumex crispus subsp. crispus	0
Rumex crispus var. unicallosus	0
Rumex crispus var. unicalosus	0
Rumex crispus subsp. littoreus	0
Rumex dentatus	- 0
Rumex dentatus	0
Rumex dentatus subsp. halacsyi	0
Rumex dentatus subsp. reticulatus	0
Rumex maritimus	- 0
Rumex maritimus	0
Rumex maritimus subsp. rossicus	0
Rumex obtusifolius	- 0
Rumex obtusifolius	0
Rumex obtusifolius subsp. obtusifolius	0
Rumex obtusifolius subsp. silvestris	0
Rumex obtusifolius subsp. subalpinus	0
Rumex obtusifolius subsp. transiens	0
Rumex patientia	- 0
Rumex patientia	0
Rumex patientia subsp. orientalis	0
Rumex pulcher	- 0
Rumex pulcher	0
Rumex pulcher subsp. pulcher	0
Rumex pulcher subsp. raulinii	0
Rumex pulcher subsp. woodsii	0
Rumex scutatus	- 0

Rumex scutatus	0
Rumex scutatus subsp. glaucescens	0
Rumex scutatus subsp. hastifolius	0
Rumex scutatus subsp. scutatus	0
Rumex thyrsiflorus	- 0
Rumex thyrsiflorus	0
Rumex thyrsiflorus subsp. papillaris	0
Rumex tuberosus	- 0
Rumex tuberosus	0
Rumex tuberosus subsp. contractus	0
Rumex tuberosus subsp. creticus	0
Rumex tuberosus subsp. horizontalis	0
Rumex tuberosus subsp. tuberosus	0
Rumex tuberosus subsp. turcomanicus	0
Ruppia maritima	- 0
Ruppia maritima	0
Ruppia maritima subsp. maritima	0
Ruscus aculeatus	- 0
Ruscus aculeatus	0
Ruscus aculeatus var. aculeatus	0
Ruscus aculeatus var. angustifolius	0
Ruta corsica	- 0
Ruta corsica	0
Ruta corsica subsp. angustifolia	0
Ruta chalepensis	- 0
Ruta chalepensis	0
Ruta chalepensis subsp. fumariifolia	0
Saccharum spontaneum	- 0
Saccharum spontaneum	0
Saccharum spontaneum subsp. aegyptiacum	0
Sagina procumbens	- 0
Sagina procumbens	0
Sagina procumbens f. procumbens	0
Salix alba	- 0
Salix alba	0
Salix alba subsp. alba	0
Salix alba var. splendens	0

Salix appendiculata	-	0
Salix appendiculata		0
Salix appendiculata aggr.		0
Salix caprea	-	0
Salix caprea		0
Salix caprea subsp. caprea		0
Salix cinerea	-	0
Salix cinerea		0
Salix cinerea subsp. cinerea		0
Salix cinerea subsp. oleifolia		0
Salix cinerea aggr.		0
Salix daphnoides	-	0
Salix daphnoides		0
Salix daphnoides subsp. acutifolia		0
Salix eleagnos	-	0
Salix eleagnos		0
Salix eleagnos subsp. angustifolia		0
Salix eleagnos subsp. eleagnos		0
Salix euxina	-	0
Salix euxina		0
Salix fragilis		0
Salix x fragilis	-	0
Salix fragilis subsp. neotricha		0
Salix fragilis x neotricha		0
Salix fragilis aggr.		0
Salix neotricha		0
Salix x rubens		0
Salix glauca	-	0
Salix glauca		0
Salix glauca subsp. glauca		0
Salix glauca subsp. callicarpaea		0
Salix hastata	-	0
Salix hastata		0
Salix hastata subsp. hastata		0
Salix hastata subsp. vegeta		0
Salix myrsinifolia	-	0
Salix myrsinifolia		0
Salix myrsinifolia subsp. borealis		0



Salix myrsinites	-	0
Salix myrsinites		0
Salix myrsinites aggr.		0
Salix purpurea	-	0
Salix purpurea		0
Salix purpurea subsp. gracilis		0
Salix purpurea subsp. purpurea		0
Salix repens	-	0
Salix repens		0
Salix repens subsp. repens		0
Salix repens subsp. repens var. arenaria		0
Salix repens subsp. rosmarinifolia		0
Salix repens aggr.		0
Salix starkeana	-	0
Salix starkeana		0
Salix starkeana subsp. cinerascens		0
Salix triandra	-	0
Salix triandra		0
Salix triandra subsp. triandra		0
Salix x nobrei	-	0
Salix xnobrei		0
Salix x nobrei		0
Salix x nobrei subsp. carloscostae		0
Salsola longifolia	-	0
Salsola longifolia		0
Salsola longifolia var. verticillata		0
Salsola tragus	-	0
Salsola ruthenica		0
Salsola ruthenica subsp. tenuifolia		0
Salsola tragus		0
Salsola tragus subsp. tragus		0
Salvia nemorosa	-	0
Salvia nemorosa		0
Salvia nemorosa subsp. nemorosa		0
Salvia nemorosa subsp. tesquicola		0
Salvia officinalis	-	0
Salvia officinalis		0

Salvia officinalis subsp. lavandulifolia	0
Salvia officinalis subsp. oxyodon	0
Salvia lavandulifolia subsp. mariolensis	0
Salvia pomifera	- 0
Salvia pomifera	0
Salvia pomifera subsp. calycina	0
Salvia pomifera subsp. pomifera	0
Salvia pratensis	- 0
Salvia pratensis	0
Salvia pratensis subsp. pratensis	0
Salvia pratensis subsp. saccardiana	0
Salvia pratensis var. hirsuta	0
Salvia ringens	- 0
Salvia ringens	0
Salvia ringens var. macedonica	0
Salvia verticillata	- 0
Salvia verticillata	0
Salvia verticillata subsp. amasiaca	0
Salvia verticillata subsp. verticillata	0
Sambucus nigra	- 0
Sambucus nigra	0
Sambucus nigra cv. 'Laciniata'	0
Sanguisorba minor	- 0
Sanguisorba minor	0
Sanguisorba minor subsp. balearica	0
Sanguisorba minor subsp. lateriflora	0
Sanguisorba minor subsp. minor	0
Sanguisorba minor subsp. rupicola	0
Sanguisorba minor var. gaillardotii	0
Sanguisorba lateriflora	0
Sanguisorba rupicola	0
Sanguisorba minor s.l.	0
Santolina chamaecyparissus aggr.	- 0
Santolina chamaecyparissus	0
Santolina chamaecyparissus subsp. chamaecyparissus	0
Santolina insularis	0
Santolina benthamiana	0
Santolina villosa	0
Santolina rosmarinifolia	- 0

Santolina rosmarinifolia	0
Santolina rosmarinifolia subsp. rosmarinifolia	0
Santolina rosmarinifolia subsp. semidentata	0
Santolina canescens	0
Santolina semidentata	0
Saponaria glutinosa	- 0
Saponaria glutinosa	0
Saponaria glutinosa f. calvescens	0
Saponaria ocymoides	- 0
Saponaria ocymoides	0
Saponaria ocymoides subsp. alsinoides	0
Saponaria ocymoides subsp. ocymoides	0
Saponaria pinetorum	- 0
Saponaria pinetorum var. elatior	0
Saponaria pinetorum var. pinetorum	0
Saponaria prostrata	- 0
Saponaria prostrata subsp. anatolica	0
Saponaria prostrata subsp. calvertii	0
Saponaria prostrata subsp. prostrata	0
Sarcocapnos baetica	- 0
Sarcocapnos baetica	0
Sarcocapnos baetica subsp. baetica	0
Sarcocornia perennis	- 0
Sarcocornia perennis	0
Sarcocornia perennis subsp. alpini	0
Sarcocornia perennis subsp. perennis	0
Satureja horvatii	- 0
Satureja horvatii	0
Satureja horvatii subsp. macrophylla	0
Satureja intricata	- 0
Satureja intricata	0
Satureja intricata subsp. gracilis	0
Satureja montana	- 0
Satureja montana	0
Satureja montana subsp. montana	0
Satureja montana subsp. pisidia	0
Satureja montana subsp. pisidica	0
Satureja montana subsp. subspicata	0

Satureja montana subsp. variegata	0
Satureja subspicata subsp. liburnica	0
Satureja subspicata subsp. subspicata	0
Satureja kitaibelii	0
Satureja obovata	- 0
Satureja obovata	0
Satureja obovata subsp. canescens	0
Satureja parnassica	- 0
Satureja parnassica	0
Satureja parnassica subsp. parnassica	0
Saussurea alpina aggr.	- 0
Saussurea alpina	0
Saussurea alpina subsp. alpina	0
Saussurea depressa	0
Saussurea esthonica	0
Saxifraga adscendens	- 0
Saxifraga adscendens	0
Saxifraga adscendens subsp. adscendens	0
Saxifraga adscendens subsp. parnassica	0
Saxifraga biflora	- 0
Saxifraga biflora	0
Saxifraga biflora subsp. biflora	0
Saxifraga biflora var. kochii	0
Saxifraga callosa	- 0
Saxifraga callosa subsp. callosa	0
Saxifraga callosa subsp. catalaunica	0
Saxifraga carpetana	- 0
Saxifraga carpetana	0
Saxifraga carpetana subsp. graeca	0
Saxifraga clusii	- 0
Saxifraga clusii	0
Saxifraga clusii subsp. lepismigena	0
Saxifraga cuneifolia	- 0
Saxifraga cuneifolia	0
Saxifraga cuneifolia subsp. robusta	0
Saxifraga cymbalaria	- 0
Saxifraga cymbalaria	0

Saxifraga cymbalaria var. cymbalaria	0
Saxifraga exarata	- 0
Saxifraga exarata	0
Saxifraga exarata subsp. ampullacea	0
Saxifraga exarata subsp. atropurpurea	0
Saxifraga exarata subsp. carniolica	0
Saxifraga exarata subsp. exarata	0
Saxifraga exarata subsp. lamottei	0
Saxifraga exarata subsp. moschatiformis	0
Saxifraga fragilis	- 0
Saxifraga fragilis	0
Saxifraga fragilis subsp. fragilis	0
Saxifraga fragilis subsp. valentina	0
Saxifraga granulata	- 0
Saxifraga granulata	0
Saxifraga granulata subsp. granulata	0
Saxifraga grisebachii	- 0
Saxifraga grisebachii	0
Saxifraga grisebachii var. grisebachii	0
Saxifraga hirsuta	- 0
Saxifraga hirsuta	0
Saxifraga hirsuta subsp. hirsuta	0
Saxifraga hirsuta subsp. paucicrenata	0
Saxifraga hostii	- 0
Saxifraga hostii	0
Saxifraga hostii subsp. hostii	0
Saxifraga juniperifolia	- 0
Saxifraga juniperifolia	0
Saxifraga juniperifolia var. pseudosancta	0
Saxifraga moschata	- 0
Saxifraga moschata	0
Saxifraga moschata subsp. harioti	0
Saxifraga mutata	- 0
Saxifraga mutata	0
Saxifraga mutata subsp. mutata	0
Saxifraga oppositifolia	- 0
Saxifraga oppositifolia	0

Saxifraga oppositifolia subsp. amphibia	0
Saxifraga oppositifolia subsp. blepharophylla	0
Saxifraga oppositifolia subsp. oppositifolia	0
Saxifraga oppositifolia subsp. rudolphiana	0
Saxifraga oppositifolia subsp. speciosa	0
Saxifraga oppositifolia subsp. murithiana	0
Saxifraga oppositifolia subsp. paradoxa	0
Saxifraga oppositifo subsp. glandulifera	0
Saxifraga paniculata	- 0
Saxifraga paniculata	0
Saxifraga paniculata var. brevifolia	0
Saxifraga paniculata var. orientalis	0
Saxifraga pedemontana	- 0
Saxifraga pedemontana	0
Saxifraga pedemontana subsp. cervicornis	0
Saxifraga pedemontana subsp. cymosa	0
Saxifraga pedemontana subsp. pedatifida	0
Saxifraga pedemontana subsp. pedemontana	0
Saxifraga pentadactylis	- 0
Saxifraga pentadactylis	0
Saxifraga pentadactylis subsp. losae	0
Saxifraga pentadactylis subsp. willkommiana	0
Saxifraga porophylla	- 0
Saxifraga porophylla	0
Saxifraga porophylla subsp. grisebachii	0
Saxifraga porophylla subsp. porophylla	0
Saxifraga pubescens	- 0
Saxifraga pubescens	0
Saxifraga pubescens subsp. iratiana	0
Saxifraga pubescens subsp. pubescens	0
Saxifraga retusa	- 0
Saxifraga retusa	0
Saxifraga retusa subsp. augustana	0
Saxifraga retusa subsp. retusa	0
Saxifraga retusa var. baumgartenii	0
Saxifraga rosacea	- 0
Saxifraga rosacea	0
Saxifraga rosacea subsp. sponhemica	0
Saxifraga rosacea subsp. steinmannii	0
Saxifraga rosacea subsp. sternbergii	0

<i>Saxifraga rotundifolia</i>	-	0
<i>Saxifraga rotundifolia</i>		0
<i>Saxifraga rotundifolia</i> subsp. <i>chrysospl</i>		0
<i>Saxifraga rotundifolia</i> subsp. <i>chrysosplenifolia</i>		0
<i>Saxifraga rotundifolia</i> subsp. <i>rotundifolia</i>		0
<i>Saxifraga rotundifolia</i> subsp. <i>rotundifolia</i> var. <i>he</i>		0
<i>Saxifraga rotundifolia</i> subsp. <i>taygetea</i>		0
<i>Saxifraga rotundifolia</i> var. <i>hirsuta</i>		0
<i>Saxifraga sancta</i>	-	0
<i>Saxifraga sancta</i>		0
<i>Saxifraga sancta</i> subsp. <i>pseudosanta</i>		0
<i>Saxifraga sedoides</i>	-	0
<i>Saxifraga sedoides</i>		0
<i>Saxifraga sedoides</i> subsp. <i>hohenwartii</i>		0
<i>Saxifraga sedoides</i> subsp. <i>prenja</i>		0
<i>Saxifraga serpyllifolia</i> subsp. <i>chrysantha</i>	-	0
<i>Saxifraga serpyllifolia</i> subsp. <i>chrysanta</i>		0
<i>Saxifraga stellaris</i>	-	0
<i>Saxifraga stellaris</i>		0
<i>Saxifraga stellaris</i> subsp. <i>engleri</i>		0
<i>Scabiosa cinerea</i>	-	0
<i>Scabiosa cinerea</i>		0
<i>Scabiosa cinerea</i> subsp. <i>cinerea</i>		0
<i>Scabiosa cinerea</i> subsp. <i>hladnikiana</i>		0
<i>Scabiosa columbaria</i>	-	0
<i>Scabiosa columbaria</i>		0
<i>Scabiosa columbaria</i> subsp. <i>affinis</i>		0
<i>Scabiosa columbaria</i> subsp. <i>balcanica</i>		0
<i>Scabiosa columbaria</i> subsp. <i>banatica</i>		0
<i>Scabiosa columbaria</i> subsp. <i>columbaria</i>		0
<i>Scabiosa columbaria</i> subsp. <i>columbaria</i> var. <i>columba</i>		0
<i>Scabiosa columbaria</i> subsp. <i>eucolumbaria</i>		0
<i>Scabiosa columbaria</i> subsp. <i>ochroleuca</i> var. <i>ochrole</i>		0
<i>Scabiosa columbaria</i> subsp. <i>pseudobanatic</i>		0
<i>Scabiosa columbaria</i> subsp. <i>pseudobanatica</i>		0
<i>Scabiosa columbaria</i> subsp. <i>vestita</i>		0
<i>Scabiosa columbaria</i> var. <i>gramuntia</i>		0
<i>Scabiosa columbaria</i> var. <i>petkovii</i>		0
<i>Scabiosa columbaria</i> aggr.		0

Scabiosa lucida	-	0
Scabiosa lucida		0
Scabiosa lucida subsp. barbata		0
Scabiosa lucida subsp. lucida		0
Scabiosa lucida subsp. stricta		0
Scabiosa taygetea	-	0
Scabiosa taygetea		0
Scabiosa taygetea subsp. garganica		0
Scabiosa taygetea subsp. portae		0
Scabiosa taygetea subsp. taygetea		0
Scabiosa turolensis	-	0
Scabiosa turolensis		0
Scabiosa turolensis subsp. grosii		0
Scandix australis	-	0
Scandix australis		0
Scandix australis subsp. australis		0
Scandix australis subsp. grandiflora		0
Scandix australis subsp. microcarpa		0
Scandix pecten-veneris	-	0
Scandix pecten-veneris		0
Scandix pecten-veneris subsp. brachycarpa		0
Scandix pecten-veneris subsp. macrorhyncha		0
Scandix pecten-veneris subsp. pecten-veneris		0
Scandix pecten-veneris var. graeca		0
Scilla bifolia	-	0
Scilla bifolia		0
Scilla bifolia f. p.		0
Scilla bifolia subsp. bifolia		0
Scilla bifolia subsp. drunensis		0
Scilla nivalis	-	0
Scilla nivalis s.l.		0
Scirpoides holoschoenus	-	0
Scirpoides holoschoenus		0
Scirpus holoschoenus subsp. australis		0
Scleranthus annuus	-	0
Scleranthus annuus		0
Scleranthus annuus subsp. aetnensis		0
Scleranthus annuus subsp. annuus		0
Scleranthus annuus subsp. biennis		0



<i>Scleranthus perennis</i>	-	0
<i>Scleranthus perennis</i>		0
<i>Scleranthus perennis</i> subsp. <i>dichotomis</i> var. <i>serpen</i>		0
<i>Scleranthus perennis</i> subsp. <i>dichotomus</i>		0
<i>Scleranthus perennis</i> subsp. <i>marginatus</i>		0
<i>Scleranthus perennis</i> subsp. <i>perennis</i>		0
<i>Scleranthus perennis</i> subsp. <i>polycnemoides</i>		0
<i>Scleropodium tourretii</i>	-	0
<i>Scleropodium tourretii</i>		0
<i>Scleropodium tourretii</i> subsp. <i>colpophyllum</i>		0
<i>Scopolia carniolica</i>	-	0
<i>Scopolia carniolica</i>		0
<i>Scopolia carniolica</i> f. <i>hladnikiana</i>		0
<i>Scorpiurus muricatus</i>	-	0
<i>Scorpiurus muricatus</i>		0
<i>Scorpiurus muricatus</i> subsp. <i>subvillosus</i>		0
<i>Scorzonera austriaca</i>	-	0
<i>Scorzonera austriaca</i>		0
<i>Scorzonera austriaca</i> subsp. <i>austriaca</i>		0
<i>Scorzonera cana</i>	-	0
<i>Scorzonera cana</i> var. <i>cana</i>		0
<i>Scorzonera cana</i> var. <i>jacquiniana</i>		0
<i>Scorzonera hispanica</i>	-	0
<i>Scorzonera hispanica</i>		0
<i>Scorzonera hispanica</i> subsp. <i>asphodeloides</i>		0
<i>Scorzonera hispanica</i> subsp. <i>crispatula</i>		0
<i>Scorzonera hispanica</i> subsp. <i>hispanica</i>		0
<i>Scorzonera hispanica</i> subsp. <i>polyphilla</i>		0
<i>Scorzonera hispanica</i> var. <i>glassifolia</i>		0
<i>Scorzonera hispanica</i> var. <i>latifolia</i>		0
<i>Scorzonera hispanica</i> var. <i>strictiformis</i>		0
<i>Scorzonera humilis</i>	-	0
<i>Scorzonera humilis</i>		0
<i>Scorzonera humilis</i> var. <i>angustifolia</i>		0
<i>Scorzonera mollis</i>	-	0
<i>Scorzonera mollis</i>		0
<i>Scorzonera mollis</i> subsp. <i>idaea</i>		0
<i>Scorzonera mollis</i> subsp. <i>mollis</i>		0

Scorzonera undulata	-	0
Scorzonera undulata		0
Scorzonera undulata subsp. <i>deliciosa</i>		0
Scorzonera villosa	-	0
Scorzonera villosa		0
Scorzonera villosa subsp. <i>callosa</i>		0
Scorzonera villosa subsp. <i>columnae</i>		0
Scorzonera villosa subsp. <i>villosa</i>		0
Scorzoneroides autumnalis	-	0
Scorzoneroides autumnalis		0
Scorzoneroides autumnalis subsp. <i>autumnalis</i>		0
Scorzoneroides autumnalis subsp. <i>borealis</i>		0
Scorzoneroides carpetana	-	0
Scorzoneroides carpetana		0
Leontodon carpetanus subsp. <i>carpetanus</i>		0
Scorzoneroides nevadensis		0
Scorzoneroides montana	-	0
Scorzoneroides montana		0
Scorzoneroides montana subsp. <i>breviscapa</i>		0
Scorzoneroides pyrenaica	-	0
Scorzoneroides pyrenaica		0
Leontodon pyrenaicus subsp. <i>pyrenaicus</i>		0
Scrophularia auriculata	-	0
Scrophularia auriculata		0
Scrophularia auriculata subsp. <i>auriculata</i>		0
Scrophularia auriculata subsp. <i>lyrata</i>		0
Scrophularia auriculata subsp. <i>pseudoauriculata</i>		0
Scrophularia auriculata subsp. <i>valentina</i>		0
Scrophularia canina	-	0
Scrophularia canina		0
Scrophularia canina subsp. <i>bicolor</i>		0
Scrophularia canina subsp. <i>canina</i>		0
Scrophularia canina subsp. <i>crithmifolia</i>		0
Scrophularia canina subsp. <i>frutescens</i>		0
Scrophularia canina subsp. <i>hoppii</i>		0
Scrophularia canina subsp. <i>tristis</i>		0
Scrophularia heterophylla	-	0
Scrophularia heterophylla		0

<i>Scrophularia heterophylla</i> subsp. <i>laciniata</i>	0
<i>Scrophularia scopolii</i>	- 0
<i>Scrophularia scopolii</i>	0
<i>Scrophularia scopolii</i> var. <i>adenocalyx</i>	0
<i>Scrophularia scopolii</i> var. <i>scopolii</i>	0
<i>Scrophularia smithii</i>	- 0
<i>Scrophularia smithii</i>	0
<i>Scrophularia smithii</i> subsp. <i>langeana</i>	0
<i>Scrophularia umbrosa</i>	- 0
<i>Scrophularia umbrosa</i>	0
<i>Scrophularia umbrosa</i> subsp. <i>neesii</i>	0
<i>Scrophularia umbrosa</i> subsp. <i>umbrosa</i>	0
<i>Scutellaria albida</i>	- 0
<i>Scutellaria albida</i>	0
<i>Scutellaria albida</i> subsp. <i>albida</i>	0
<i>Scutellaria albida</i> subsp. <i>condensata</i>	0
<i>Scutellaria albida</i> subsp. <i>velenovskyi</i>	0
<i>Scutellaria alpina</i>	- 0
<i>Scutellaria alpina</i>	0
<i>Scutellaria alpina</i> subsp. <i>alpina</i>	0
<i>Scutellaria alpina</i> subsp. <i>jabalambrensis</i>	0
<i>Scutellaria alpina</i> subsp. <i>supina</i>	0
<i>Scutellaria supina</i>	0
<i>Scutellaria columnae</i>	- 0
<i>Scutellaria columnae</i>	0
<i>Scutellaria columnae</i> subsp. <i>columnae</i>	0
<i>Scutellaria columnae</i> subsp. <i>gussonii</i>	0
<i>Scutellaria orientalis</i>	- 0
<i>Scutellaria orientalis</i>	0
<i>Scutellaria orientalis</i> subsp. <i>orientalis</i>	0
<i>Scutellaria orientalis</i> subsp. <i>pinnatifida</i>	0
<i>Scutellaria orientalis</i> subsp. <i>sosnowskyi</i>	0
<i>Scutellaria orientalis</i> var. <i>pinnatifida</i>	0
<i>Scutellaria rubicunda</i>	- 0
<i>Scutellaria rubicunda</i>	0
<i>Scutellaria rubicunda</i> subsp. <i>rubicunda</i>	0
<i>Scutellaria rubicunda</i> subsp. <i>subvelutina</i>	0
<i>Scutellaria rupestris</i>	- 0

Scutellaria rupestris	0
Scutellaria rupestris subsp. adenotrich	0
Scutellaria rupestris subsp. parnassica	0
Secale cereale	- 0
Secale cereale	0
Secale cereale subsp. ancestrale	0
Sedum acre	- 0
Sedum acre	0
Sedum acre subsp. acre	0
Sedum album	- 0
Sedum album	0
Sedum album subsp. album	0
Sedum album subsp. athoum	0
Sedum amplexicaule	- 0
Sedum amplexicaule	0
Sedum amplexicaule subsp. amplexicaule	0
Sedum amplexicaule subsp. tenuifolium	0
Sedum anglicum	- 0
Sedum anglicum	0
Sedum anglicum subsp. anglicum	0
Sedum anglicum subsp. melanantherum	0
Sedum anglicum subsp. pyrenaicum	0
Sedum atratum	- 0
Sedum atratum	0
Sedum atratum subsp. atratum	0
Sedum atratum subsp. carinthiacum	0
Sedum creticum	- 0
Sedum creticum	0
Sedum creticum var. creticum	0
Sedum grisebachii	- 0
Sedum grisebachii	0
Sedum grisebachii subsp. flexuosum	0
Sedum hirsutum	- 0
Sedum hirsutum	0
Sedum hirsutum subsp. hirsutum	0
Sedum hispanicum	- 0
Sedum hispanicum	0

Sedum hispanicum var. bauxbaumii	0
Sedum hispanicum var. hispanicum	0
Sedum hispanicum var. semiglabrum	0
Sedum laconicum	- 0
Sedum laconicum	0
Sedum laconicum subsp. insulare	0
Sedum laconicum subsp. laconicum	0
Sedum litoreum	- 0
Sedum litoreum	0
Sedum litoreum subsp. litoreum	0
Sedum litoreum subsp. praesidis	0
Sedum magellense	- 0
Sedum magellense	0
Sedum magellense subsp. olympicum	0
Sedum montanum	- 0
Sedum montanum	0
Sedum montanum subsp. montanum	0
Sedum montanum subsp. orientale	0
Sedum nudum	- 0
Sedum nudum	0
Sedum nudum subsp. lacerottense	0
Sedum pallidum	- 0
Sedum pallidum	0
Sedum pallidum var. bitynicum	0
Sedum pallidum var. pallidum	0
Sedum pedicellatum	- 0
Sedum pedicellatum	0
Sedum pedicellatum subsp. lusitanicum	0
Sedum pedicellatum subsp. pedicellatum	0
Sedum rubens	- 0
Sedum rubens	0
Sedum rubens subsp. rubens	0
Sedum rupestre	- 0
Sedum rupestre	0
Sedum rupestre subsp. erectum	0
Sedum rupestre subsp. rupestre	0
Sedum rupestre aggr.	0

Sedum sartorianum	-	0
Sedum sartorianum		0
Sedum sartorianum subsp. ponticum		0
Sedum sartorianum subsp. sartorianum		0
Sedum sartorianum subsp. stribrnyi		0
Sedum villosum	-	0
Sedum villosum		0
Sedum villosum var. villosum		0
Selinum carvifolia	-	0
Selinum carvifolia		0
Selinum carvifolia subsp. broteri		0
Selinum silaifolium	-	0
Selinum silaifolium		0
Selinum silaifolium subsp. orientale		0
Semele androgyna	-	0
Semele androgyna		0
Semele androgyna var. gayae		0
Sempervivum arachnoideum	-	0
Sempervivum arachnoideum		0
Sempervivum arachnoideum subsp. arachnoideum		0
Sempervivum arachnoideum subsp. tomentosum		0
Sempervivum montanum	-	0
Sempervivum montanum		0
Sempervivum montanum subsp. carpaticum		0
Sempervivum montanum subsp. montanum		0
Sempervivum montanum subsp. stiriacum		0
Sempervivum tectorum	-	0
Sempervivum tectorum		0
Sempervivum tectorum subsp. schottii		0
Sempervivum tectorum subsp. tectorum		0
Sempervivum vicentei	-	0
Sempervivum vicentei		0
Sempervivum vicentei subsp. cantabricum		0
Sempervivum wulfenii	-	0
Sempervivum wulfenii		0
Sempervivum wulfenii subsp. wulfenii		0
Senecio doria aggr.	-	0

Senecio doria	0
Senecio doria subsp. doria	0
Senecio doria subsp. laderoi	0
Senecio legionensis	0
Senecio umbrosus	0
Senecio doronicum	- 0
Senecio doronicum	0
Senecio doronicum subsp. doronicum	0
Senecio doronicum subsp. gerardii	0
Senecio doronicum subsp. glaberrimus	0
Senecio doronicum subsp. transylvanicus	0
Senecio glaucus	- 0
Senecio glaucus	0
Senecio glaucus subsp. coronopifolius	0
Senecio helenitis	- 0
Senecio helenitis subsp. helenitis	0
Senecio helenitis subsp. pyrenaicus	0
Senecio helenitis subsp. salisburgensis	0
Senecio integrifolius	- 0
Senecio integrifolius subsp. integrifolius	0
Senecio integrifolius subsp. tundricola	0
Senecio leucanthemifolius	- 0
Senecio leucanthemifolius	0
Senecio leucanthemifolius subsp. caucasicus	0
Senecio leucanthemifolius subsp. vernalis	0
Senecio nemorensis aggr.	- 0
Senecio nemorensis	0
Senecio nemorensis subsp. bayonnensis	0
Senecio nemorensis subsp. jacquinianus	0
Senecio nemorensis subsp. nemorensis	0
Senecio germanicus subsp. germanicus	0
Senecio hercynicus	0
Senecio hercynicus subsp. hercynicus	0
Senecio ovatus	0
Senecio ovatus subsp. alpestris	0
Senecio ovatus subsp. stabianus	0
Senecio papposus	- 0
Senecio papposus subsp. papposus	0
Senecio papposus subsp. papposus var. subcapitata	0

Senecio pyrenaicus	-	0
Senecio pyrenaicus		0
Senecio pyrenaicus subsp. aragonensis		0
Senecio pyrenaicus subsp. caespitosus		0
Senecio pyrenaicus subsp. pyrenaicus		0
Senecio rivularis	-	0
Senecio rivularis subsp. pseudocrispus		0
Senecio rivularis subsp. rivularis		0
Senecio scopolii	-	0
Senecio scopolii		0
Senecio scopolii subsp. floccosus		0
Senecio squalidus	-	0
Senecio squalidus		0
Senecio squalidus subsp. chrysanthemifolius		0
Senecio squalidus subsp. squalidus		0
Senecio thapsoides	-	0
Senecio thapsoides		0
Senecio thapsioides subsp. visianianus		0
Senecio vulgaris	-	0
Senecio vulgaris		0
Senecio vulgaris subsp. denticulatus		0
Senecio vulgaris subsp. vulgaris		0
Serapias cordigera	-	0
Serapias cordigera		0
Serapias cordigera subsp. cordigera		0
Serapias lingua	-	0
Serapias lingua		0
Serapias lingua subsp. duriaei		0
Serapias vomeracea aggr.	-	0
Serapias vomeracea		0
Serapias vomeracea subsp. orientalis		0
Serapias vomeracea subsp. vomeracea		0
Serapias bergonii		0
Serapias orientalis		0
Serratula cichoracea	-	0
Serratula cichoracea		0
Serratula cichoracea subsp. cichoracea		0
Serratula cichoracea subsp. mucronata		0



<i>Serratula radiata</i>	-	0
<i>Serratula radiata</i> subsp. <i>cetingensis</i>		0
<i>Serratula radiata</i> subsp. <i>radiata</i>		0
<i>Serratula tinctoria</i>	-	0
<i>Serratula tinctoria</i>		0
<i>Serratula tinctoria</i> subsp. <i>monticola</i>		0
<i>Serratula tinctoria</i> subsp. <i>seoanei</i>		0
<i>Serratula tinctoria</i> subsp. <i>tinctoria</i>		0
<i>Serratula tinctoria</i> var. <i>lancifolia</i>		0
<i>Sesamoides purpurascens</i>	-	0
<i>Sesamoides purpurascens</i>		0
<i>Sesamoides purpurascens</i> subsp. <i>purpurascens</i>		0
<i>Sesamoides purpurascens</i> subsp. <i>spathulata</i>		0
<i>Sesamoides purpurascens</i> subsp. <i>suffruticosa</i>		0
<i>Seseli annuum</i>	-	0
<i>Seseli annuum</i>		0
<i>Seseli annuum</i> subsp. <i>annuum</i>		0
<i>Seseli annuum</i> subsp. <i>carvifolium</i>		0
<i>Seseli austriacum</i>	-	0
<i>Seseli austriacum</i>		0
<i>Seseli elatum</i> subsp. <i>austriacum</i>		0
<i>Seseli kochii</i>	-	0
<i>Seseli kochii</i>		0
<i>Seseli elatum</i> subsp. <i>gouanii</i>		0
<i>Seseli libanotis</i>	-	0
<i>Seseli libanotis</i>		0
<i>Seseli libanotis</i> var. <i>humilis</i>		0
<i>Seseli montanum</i>	-	0
<i>Seseli montanum</i>		0
<i>Seseli montanum</i> subsp. <i>montanum</i>		0
<i>Seseli montanum</i> subsp. <i>tommasinii</i>		0
<i>Seseli montanum</i> subsp. <i>granatense</i>		0
<i>Seseli polyphyllum</i>	-	0
<i>Seseli montanum</i> subsp. <i>polyphyllum</i>		0
<i>Seseli polyphyllum</i>		0
<i>Seseli rigidum</i>	-	0
<i>Seseli rigidum</i>		0

Seseli rigidum subsp. hirtulum	0
Seseli rigidum subsp. rigidum	0
Seseli tortuosum	- 0
Seseli tortuosum	0
Seseli tortuosum subsp. maritimum	0
Sesleria caerulea	- 0
Sesleria caerulea	0
Sesleria caerulea subsp. angustifolia	0
Sesleria caerulea subsp. caerulea	0
Sesleria albicans subsp. albicans	0
Sesleria caerulea subsp. calcaria	0
Sesleria varia aggr.	0
Sesleria heuflerana	- 0
Sesleria heuflerana subsp. heuflerana	0
Sesleria heuflerana subsp. hungarica	0
Sesleria heufleriana	0
Sesleria insularis	- 0
Sesleria insularis	0
Sesleria insularis subsp. barbaricina	0
Sesleria insularis subsp. italica	0
Sesleria insularis subsp. morisiana	0
Sesleria juncifolia	- 0
Sesleria juncifolia	0
Sesleria juncifolia subsp. juncifolia	0
Sesleria juncifolia subsp. kalnikensis	0
Sesleria tenuifolia subsp. tenuifolia	0
Sesleria nitida	- 0
Sesleria nitida	0
Sesleria nitida subsp. sicula	0
Sesleria rigida	- 0
Sesleria rigida	0
Sesleria rigida subsp. achtarovii	0
Sesleria rigida subsp. haynaldiana	0
Sesleria rigida subsp. rigida	0
Sesleria robusta	- 0
Sesleria robusta	0
Sesleria robusta subsp. skanderbeggii	0
Sesleria sadlerana subsp. sadlerana	- 0

<i>Sesleria sadlerana</i>		0
<i>Setaria italica</i>	-	0
<i>Setaria italica</i>		0
<i>Setaria italica</i> subsp. <i>moharia</i>		0
<i>Setaria italica</i> subsp. <i>pycnocoma</i>		0
<i>Setaria viridis</i>	-	0
<i>Setaria viridis</i>		0
<i>Setaria viridis</i> subsp. <i>viridis</i>		0
<i>Schedonorus arundinaceus</i>	-	0
<i>Schedonorus arundinaceus</i>		0
<i>Schedonorus arundinaceus</i> subsp. <i>arundinaceus</i>		0
<i>Schedonorus arundinaceus</i> subsp. <i>atlantigenus</i>		0
<i>Schedonorus arundinaceus</i> subsp. <i>fenas</i>		0
<i>Schedonorus arundinaceus</i> subsp. <i>orientalis</i>		0
<i>Schedonorus uechtritzianus</i>		0
<i>Schedonorus pratensis</i>	-	0
<i>Schedonorus pratensis</i>		0
<i>Schedonorus pratensis</i> subsp. <i>apenninus</i>		0
<i>Schedonorus pratensis</i> subsp. <i>pratensis</i>		0
<i>Festuca pratensis</i> aggr.		0
<i>Festuca arundinacea/pratensis</i>		0
<i>Schistidium alpicola</i>	-	0
<i>Schistidium alpicola</i>		0
<i>Schistidium alpicola</i> var. <i>pumilum</i>		0
<i>Schistidium alpicola</i> var. <i>rivulare</i>		0
<i>Schoenoplectus lacustris</i>	-	0
<i>Schoenoplectus lacustris</i>		0
<i>Schoenoplectus lacustris</i> subsp. <i>hippolyti</i>		0
<i>Schoenoplectus lacustris</i> subsp. <i>lacustris</i>		0
<i>Sibbaldianthe bifurca</i>	-	0
<i>Sibbaldianthe bifurca</i>		0
<i>Sibbaldianthe bifurca</i> subsp. <i>orientalis</i>		0
<i>Sideritis clandestina</i>	-	0
<i>Sideritis clandestina</i>		0
<i>Sideritis clandestina</i> var. <i>clandestina</i>		0
<i>Sideritis hirsuta</i>	-	0
<i>Sideritis hirsuta</i>		0
<i>Sideritis hirsuta</i> var. <i>hirsuta</i>		0

Sideritis hyssopifolia	-	0
Sideritis hyssopifolia		0
Sideritis hyssopifolia subsp. guillonii		0
Sideritis hyssopifolia subsp. hyssopifolia		0
Sideritis fruticulosa		0
Sideritis incana	-	0
Sideritis incana		0
Sideritis incana subsp. virgata		0
Sideritis montana	-	0
Sideritis montana		0
Sideritis montana subsp. ebracteata		0
Sideritis montana subsp. montana		0
Sideritis montana subsp. montana var. comosa		0
Sideritis montana subsp. remota		0
Sideritis montana var. comosa		0
Sideritis raeseri	-	0
Sideritis raeseri		0
Sideritis raeseri subsp. raeseri		0
Sideritis romana	-	0
Sideritis romana		0
Sideritis romana subsp. curvidens		0
Sideritis romana subsp. purpurea		0
Sideritis romana subsp. romana		0
Sideritis spinulosa	-	0
Sideritis spinulosa		0
Sideritis spinulosa subsp. spinulosa		0
Silaum silaus	-	0
Silaum silaus		0
Silaum silaus var. pyrenaicus		0
Silene acaulis	-	0
Silene acaulis		0
Silene acaulis subsp. acaulis		0
Silene acaulis subsp. bryoides		0
Silene aegyptiaca	-	0
Silene aegyptiaca		0
Silene aegyptiaca subsp. aegyptiaca		0
Silene aegyptiaca subsp. ruderalis		0

Silene araratica	-	0
Silene araratica subsp. araratica		0
Silene araratica subsp. davisii		0
Silene armena	-	0
Silene armena var. armena		0
Silene armena var. serrulata		0
Silene bupleuroides	-	0
Silene bupleuroides		0
Silene bupleuroides subsp. bupleuroides		0
Silene caryophylloides	-	0
Silene caryophylloides subsp. caryophylloides		0
Silene caryophylloides subsp. echinus		0
Silene caryophylloides subsp. eglandulosa		0
Silene caryophylloides subsp. masmenaea		0
Silene caryophylloides subsp. stentoria		0
Silene caryophylloides subsp. subulata		0
Silene ciliata	-	0
Silene ciliata		0
Silene ciliata subsp. graefferi		0
Silene conica	-	0
Silene conica		0
Silene conica subsp. conica		0
Silene conica subsp. conomaritima		0
Silene delicatula	-	0
Silene delicatula subsp. delicatula		0
Silene delicatula subsp. pisidica		0
Silene dichotoma	-	0
Silene dichotoma		0
Silene dichotoma subsp. dichotoma		0
Silene dichotoma subsp. sibthorpiana		0
Silene diversifolia	-	0
Silene diversifolia		0
Silene diversifolia subsp. bergiana		0
Silene diversifolia subsp. diversifolia		0
Silene euxina	-	0
Silene euxina		0
Silene euxina var. bulgarica		0

Silene flavescens	-	0
Silene flavescens		0
Silene flavescens subsp. dictaea		0
Silene flos-cuculi	-	0
Silene flos-cuculi		0
Silene flos-cuculi subsp. subintegra		0
Silene foetida	-	0
Silene foetida		0
Silene foetida subsp. gayana		0
Silene gallica	-	0
Silene gallica		0
Silene gallica var. quinquevulnera		0
Silene gigantea	-	0
Silene gigantea		0
Silene gigantea subsp. rhodopea		0
Silene italica	-	0
Silene italica		0
Silene italica subsp. coutinhoi		0
Silene italica subsp. italica		0
Silene italica subsp. peloponnesiaca		0
Silene italica subsp. sicula		0
Silene italica var. nemoralis		0
Silene coutinhoi		0
Silene nemoralis		0
Silene kotschyi	-	0
Silene kotschyi		0
Silene kotschyi var. kotschyi		0
Silene kotschyi var. maritima		0
Silene latifolia	-	0
Silene latifolia		0
Silene latifolia subsp. eriocalycina		0
Silene latifolia subsp. latifolia		0
Silene lucida	-	0
Silene lucida subsp. glandulosa		0
Silene lucida subsp. lucida		0
Silene multicaulis	-	0
Silene multicaulis		0
Silene multicaulis subsp. multicaulis		0

Silene multicaulis subsp. sporadum	0
Silene nocturna	- 0
Silene nocturna	0
Silene nocturna subsp. neglecta	0
Silene nocturna subsp. nocturna	0
Silene nocturna subsp. nocturna var. brachypetala	0
Silene nutans	- 0
Silene nutans	0
Silene nutans subsp. dubia	0
Silene nutans subsp. insubrica	0
Silene nutans subsp. nutans	0
Silene nutans subsp. nutans var. brachypoda	0
Silene nutans subsp. nutans var. nutans	0
Silene oligantha	- 0
Silene oligantha	0
Silene oligantha subsp. pseudoradicosa	0
Silene otites aggr.	- 0
Silene otites	0
Silene otites subsp. hungarica	0
Silene otites subsp. otites	0
Silene otites subsp. pseudo-otites	0
Silene otites subsp. wolgensis	0
Silene otites var. pseudotites	0
Silene wolgensis	0
Silene parnassica	- 0
Silene parnassica	0
Silene parnassica subsp. parnassica	0
Silene parnassica subsp. serbica	0
Silene pinetorum	- 0
Silene pinetorum	0
Silene pinetorum subsp. pinetorum	0
Silene pinetorum subsp. sphaciotica	0
Silene portensis	- 0
Silene portensis	0
Silene portensis subsp. portensis	0
Silene psammitis	- 0
Silene psammitis	0
Silene psammitis subsp. lasiostyla	0
Silene psammitis subsp. psammitis	0

Silene pusilla	-	0
Silene pusilla		0
Silene pusilla subsp. monachorum		0
Silene pusilla subsp. quadridentata		0
Silene pusilla subsp. quadridentata auct.		0
Silene quadridentata	-	0
Silene quadridentata		0
Silene quadridentata subsp. malyi		0
Silene roemeri	-	0
Silene roemeri		0
Silene roemeri subsp. macrocarpa		0
Silene roemeri subsp. roemeri		0
Silene roemeri subsp. staminea		0
Silene rubella	-	0
Silene rubella		0
Silene rubella subsp. segetalis		0
Silene scabriflora	-	0
Silene scabriflora		0
Silene scabriflora subsp. gallaecica		0
Silene scabriflora subsp. tuberculata		0
Silene sedoides	-	0
Silene sedoides		0
Silene sedoides subsp. sedoides		0
Silene sendtneri	-	0
Silene sendtneri		0
Silene sendtneri subsp. balcanica		0
Silene squamigera	-	0
Silene squamigera subsp. squamigera		0
Silene squamigera subsp. vesiculifera		0
Silene succulenta	-	0
Silene succulenta		0
Silene succulenta subsp. corsica		0
Silene succulenta subsp. succulenta		0
Silene supina	-	0
Silene supina		0
Silene supina subsp. pruinosa		0



Silene uniflora	-	0
Silene uniflora		0
Silene uniflora subsp. petraea		0
Silene uniflora subsp. thorei		0
Silene uniflora subsp. uniflora		0
Silene uralensis	-	0
Silene uralensis		0
Silene uralensis subsp. apetala		0
Silene vallesia	-	0
Silene vallesia		0
Silene vallesia subsp. graminea		0
Silene veselskyi	-	0
Silene veselskyi		0
Silene veselskyi subsp. iskense		0
Silene viscaria	-	0
Silene viscaria		0
Silene atropurpurea		0
Viscaria vulgaris subsp. atropurpurea		0
Viscaria vulgaris subsp. vulgaris		0
Silene vulgaris	-	0
Silene vulgaris		0
Silene vulgaris f. bosniaca		0
Silene vulgaris subsp. commutata		0
Silene vulgaris subsp. glareosa		0
Silene vulgaris subsp. macrocarpa		0
Silene vulgaris subsp. prostrata		0
Silene vulgaris subsp. vulgaris		0
Silene vulgaris var. commutata		0
Silene vulgaris var. macrocarpa		0
Silene vulgaris var. obovatifolia		0
Silene vulgaris var. vulgaris		0
Silene vulgaris var. zlatiborensis		0
Silene anthelopum		0
Sinapis alba	-	0
Sinapis alba		0
Sinapis alba subsp. alba		0
Sinapis alba subsp. mairei		0
Sinapis arvensis	-	0
Sinapis arvensis		0
Sinapis arvensis subsp. arvensis		0



Soldanella alpina subsp. cantabrica	0
Soldanella hungarica	- 0
Soldanella hungarica	0
Soldanella hungarica subsp. hungarica	0
Soldanella hungarica subsp. major	0
Soldanella minima	- 0
Soldanella minima	0
Soldanella minima subsp. minima	0
Soldanella minima subsp. samnitica	0
Soldanella minima aggr.	0
Soldanella montana	- 0
Soldanella montana	0
Soldanella montana aggr.	0
Solenopsis minuta	- 0
Solenopsis minuta	0
Solenopsis minuta subsp. annua	0
Solidago gigantea	- 0
Solidago gigantea	0
Solidago gigantea subsp. gigantea	0
Solidago virgaurea	- 0
Solidago virgaurea	0
Solidago virgaurea subsp. fallit-tirones	0
Solidago virgaurea s.l.	0
Solidago virgaurea subsp. lapponica	0
Solidago virgaurea subsp. macrorrhiza	0
Solidago virgaurea subsp. minuta	0
Solidago virgaurea subsp. virgaurea	0
Solidago virgaurea subsp. vulgaris	0
Sonchus arvensis	- 0
Sonchus arvensis	0
Sonchus arvensis subsp. arvensis	0
Sonchus arvensis subsp. uliginosus	0
Sonchus arvensis aggr.	0
Sonchus asper	- 0
Sonchus asper	0
Sonchus asper subsp. asper	0
Sonchus asper subsp. glaucescens	0
Sonchus bulbosus	- 0

Sonchus bulbosus	0
Sonchus bulbosus subsp. bulbosus	0
Sonchus bulbosus subsp. microcephalus	0
Sonchus bulbosus subsp. willkommii	0
Aetheorhiza bulbosa subsp. bulbosa	0
Sonchus maritimus	- 0
Sonchus maritimus	0
Sonchus maritimus subsp. maritimus	0
Sonchus aquatilis	0
Sonchus ustulatus	- 0
Sonchus ustulatus	0
Sonchus ustulatus subsp. maderensis	0
Sonchus ustulatus subsp. ustulatus	0
Sophora alopecuroides	- 0
Sophora alopecuroides	0
Sophora alopecuroides var. alopecuroides	0
Sophora alopecuroides var. tomentosa	0
Sorbus aria aggr.	- 0
Sorbus aria	0
Sorbus aria aggr.	0
Sorbus aria subsp. aria	0
Sorbus danubialis	0
Sorbus graeca	0
Sorbus aucuparia	- 0
Sorbus aucuparia	0
Sorbus aucuparia subsp. aucuparia	0
Sorbus aucuparia subsp. aucuparia var. aucuparia	0
Sorbus aucuparia subsp. glabrata	0
Sorbus aucuparia subsp. praemorsa	0
Sorbus aucuparia var. glabrata	0
Sorbus aucuparia var. lanuginosa	0
Sorbus hybrida aggr.	- 0
Sorbus aucuparia x aria	0
Sorbus aucuparia x mougeottii	0
Sorbus austriaca	0
Sorbus austriaca subsp. austriaca	0
Sorbus austriaca subsp. hazslinszkyana	0
Sorbus mougeotii	0
Sorbus mougeotii aggr.	0
Sorbus x thuringiaca	0
Sorbus hybrida	0

Sorbus x hybrida	0
Sorbus torminalis	- 0
Sorbus torminalis	0
Sorbus torminalis f. torminalis	0
Sorbus torminalis var. orientalis	0
Sorbus torminalis var. pinnatifida	0
Sorbus torminalis var. torminalis	0
Sorbus umbellata	- 0
Sorbus umbellata	0
Sorbus umbellata var. cretica	0
Sorbus umbellata var. umbellata	0
Sorghum halepense	- 0
Sorghum halepense	0
Sorghum halepense var. halepense	0
Spergula arvensis	- 0
Spergula arvensis	0
Spergula arvensis subsp. arvensis	0
Spergula arvensis subsp. maxima	0
Spergula pentandra	- 0
Spergula pentandra	0
Spergula pentandra aggr.	0
Spergularia media	- 0
Spergularia media	0
Spergularia media subsp. angustata	0
Sphagnum acutifolium	- 0
Sphagnum acutifolium	0
Sphagnum acutifolium var. tenue	0
Sphagnum acutifolium var. versicolor	0
Sphagnum acutifolium var. viride	0
Sphagnum auriculatum	- 0
Sphagnum auriculatum	0
Sphagnum auriculatum subsp. cf. inundatum	0
Sphagnum auriculatum var. auriculatum	0
Sphagnum auriculatum var. inundatum	0
Sphagnum capillifolium	- 0
Sphagnum capillifolium	0
Sphagnum capillifolium subsp. capillifolium	0
Sphagnum capillifolium var. capillifolium	0

Sphagnum capillifolium var. tenerum	0
Sphagnum denticulatum	- 0
Sphagnum denticulatum var. denticulatum	0
Sphagnum denticulatum var. denticulatum x rufescen	0
Sphagnum imbricatum	- 0
Sphagnum imbricatum	0
Sphagnum imbricatum subsp. austinii	0
Sphagnum palustre	- 0
Sphagnum palustre	0
Sphagnum palustre subsp. palustre	0
Sphagnum palustre var. palustre	0
Sphagnum palustre s.s.	0
Sphagnum amblyphyllum	- 0
Sphagnum recurvum subsp. amblyphyllum	0
Sphagnum angustifolium	- 0
Sphagnum recurvum subsp. angustifolium	0
Sphagnum subnitens	- 0
Sphagnum subnitens	0
Sphagnum subnitens subsp. ferrugineum	0
Sphagnum subnitens subsp. subnitens	0
Spiraea decumbens	- 0
Spiraea decumbens	0
Spiraea decumbens subsp. tomentosa	0
Spiraea hypericifolia	- 0
Spiraea hypericifolia	0
Spiraea hypericifolia subsp. obovata	0
Spiraea chamaedryfolia	- 0
Spiraea chamaedryfolia	0
Spiraea chamaedryfolia subsp. ulmifolia	0
Spiraea media	- 0
Spiraea media	0
Spiraea media subsp. polonica	0
Squamarina gypsacea	- 0
Squamarina gypsacea	0
Squamarina gypsacea var. subcetrarioides	0

Stachys alopecuros	-	0
Stachys alopecuros		0
Stachys alopecuros subsp. alopecuros		0
Stachys alopecuros subsp. divulsa		0
Stachys alopecuros subsp. godronii		0
Stachys alpina	-	0
Stachys alpina		0
Stachys alpina subsp. alpina		0
Stachys alpina subsp. dinarica		0
Stachys annua	-	0
Stachys annua		0
Stachys annua subsp. annua		0
Stachys annua subsp. annua var. annua		0
Stachys annua subsp. annua var. lycaonica		0
Stachys arenaria	-	0
Stachys arenaria		0
Stachys arenaria subsp. mollis		0
Stachys cretica	-	0
Stachys cretica		0
Stachys cretica subsp. anatolica		0
Stachys cretica subsp. bulgarica		0
Stachys cretica subsp. cassia		0
Stachys cretica subsp. cretica		0
Stachys cretica subsp. salviifolia		0
Stachys cretica subsp. smyrnaea		0
Stachys germanica	-	0
Stachys germanica		0
Stachys germanica subsp. dasyanthes		0
Stachys germanica subsp. germanica		0
Stachys germanica subsp. heldreichii		0
Stachys iberica	-	0
Stachys iberica		0
Stachys iberica subsp. iberica var. iberica		0
Stachys iberica subsp. stenostacya		0
Stachys officinalis	-	0
Stachys officinalis		0
Stachys officinalis subsp. haussknechtii		0
Stachys officinalis subsp. officinalis		0
Stachys palustris	-	0

Stachys palustris	0
Stachys palustris var. segetum	0
Stachys recta	- 0
Stachys recta	0
Stachys recta subsp. doerfleri	0
Stachys recta subsp. labiosa	0
Stachys recta subsp. nitens	0
Stachys recta subsp. recta	0
Stachys recta subsp. serpentinii	0
Stachys recta subsp. subcrenata	0
Stachys recta subsp. baldaccii	- 0
Stachys recta subsp. baldaccii	0
Stachys recta subsp. baldaccii var. chrysophaea	0
Staphisagria picta	- 0
Staphisagria picta	0
Staphisagria picta subsp. requienii	0
Stauracanthus genistoides	- 0
Stauracanthus genistoides subsp. genistoides	0
Stauracanthus genistoides subsp. spectabilis	0
Stellaria media	- 0
Stellaria media	0
Stellaria media subsp. cupaniana	0
Stellaria media subsp. media	0
Stellaria media subsp. postii	0
Stellaria media aggr.	0
Stellaria media et cupaniana	0
Stellaria nemorum	- 0
Stellaria nemorum	0
Stellaria nemorum subsp. montana	0
Stellaria nemorum subsp. nemorum	0
Sterigmostemum sulphureum	- 0
Sterigmostemum sulphureum subsp. glandulosum	0
Sterigmostemum sulphureum subsp. sulphureum	0
Sternbergia lutea	- 0
Sternbergia lutea	0
Sternbergia lutea subsp. sicula	0
Stipa austroitalica	- 0
Stipa austroitalica	0



Stipa austroitalica subsp. austroitalica	0
Stipa borysthenica	- 0
Stipa borysthenica	0
Stipa borysthenica subsp. borysthenica	0
Stipa borysthenica subsp. germanica	0
Stipa dasyvaginata	- 0
Stipa dasyvaginata	0
Stipa dasyvaginata subsp. apenninicola	0
Stipa eriocaulis	- 0
Stipa eriocaulis	0
Stipa eriocaulis subsp. austriaca	0
Stipa eriocaulis subsp. eriocaulis	0
Stipa eriocaulis subsp. kiemii	0
Stipa eriocaulis subsp. lithophila	0
Stipa iberica	- 0
Stipa iberica	0
Stipa iberica subsp. iberica	0
Stipa pauneorana	- 0
Stipa pauneroana	0
Stipa iberica subsp. pauneroana	0
Stipa lessingiana	- 0
Stipa lessingiana	0
Stipa lessingiana f. murfatlari	0
Stipa lessingiana subsp. brauneri	0
Stipa pennata	- 0
Stipa pennata	0
Stipa pennata subsp. lithophila	0
Stipa pennata subsp. pennata	0
Stipa pennata aggr.	0
Stipa joannis subsp. joannis	0
Stipa pulcherrima	- 0
Stipa pulcherrima	0
Stipa pulcherrima subsp. crassiculmis	0
Stipa pulcherrima subsp. epilosa	0
Stipa tirsia	- 0
Stipa tirsia	0
Stipa tirsia subsp. albanica	0

Stipa zalesskii	-	0
Stipa zalesskii		0
Stipa zalesskii subsp. pontica		0
Stipa zalesskyi		0
Suaeda maritima	-	0
Suaeda maritima		0
Suaeda maritima subsp. maritima		0
Suaeda pannonica		0
Suaeda salsa		0
Suaeda prostrata	-	0
Suaeda prostrata		0
Suaeda prostrata subsp. anatolica		0
Suaeda prostrata subsp. prostrata		0
Suaeda vera	-	0
Suaeda vera		0
Suaeda vera subsp. braun-blanquetii		0
Swertia perennis	-	0
Swertia perennis		0
Swertia perennis subsp. alpestris		0
Swertia perennis subsp. alpina		0
Swertia perennis subsp. punctata		0
Symphotrichum novi-belgii	-	0
Symphotrichum novi-belgii		0
Aster novi-belgii aggr.		0
Symphytum officinale	-	0
Symphytum officinale		0
Symphytum officinale subsp. officinale		0
Symphytum officinale subsp. uliginosum		0
Symphytum tuberosum aggr.	-	0
Symphytum tuberosum		0
Symphytum bulbosum		0
Symphytum tuberosum subsp. tuberosum		0
Symphytum tuberosum L. subsp. angustifo		0
Symphytum tuberosum aggr.		0
Symphytum tuberosum auct. medioeur.		0
Symphytum tuberosum subsp. angustifoliu		0
Symphytum tuberosum subsp. angustifolium		0
Symphytum tuberosum subsp. mediterraneum		0
Syntrichia laevipila	-	0

Syntrichia laevipila	0
Syntrichia laevipila var. laevipilaeformis	0
Syntrichia ruralis	- 0
Syntrichia ruralis	0
Syntrichia ruralis (excl. var. cal.)	0
Syntrichia ruralis (incl. var. cal.)	0
Syntrichia ruralis aggr.	0
Syntrichia ruralis subsp. ruralis	0
Syntrichia ruralis var. arenicola	0
Syntrichia ruralis var. calcicola	0
Syntrichia ruralis var. ruraliformis	0
Syntrichia ruralis var. ruralis	0
Syringa vulgaris	- 0
Syringa vulgaris	0
Syringa vulgaris subsp. media	0
Taeniatherum caput-medusae	- 0
Taeniatherum caput-medusae	0
Taeniatherum caput-medusae subsp. asperum	0
Taeniatherum caput-medusae subsp. crinitum	0
Tanacetum corymbosum	- 0
Tanacetum corymbosum	0
Tanacetum corymbosum subsp. achilleae	0
Tanacetum corymbosum subsp. corymbosum	0
Tanacetum corymbosum subsp. subcorymbosum	0
Tanacetum kittaryanum	- 0
Tanacetum kittaryanum	0
Tanacetum kittaryanum subsp. uralense	0
Tanacetum vulgare	- 0
Tanacetum vulgare	0
Tanacetum vulgare subsp. siculum	0
Taraxacum obovatum	- 0
Taraxacum obovatum	0
Taraxacum ochrocarpum	0
Taraxacum sect. Palustria	- 0
Taraxacum sect. Palustria	0
Taraxacum palustre	0
Taraxacum palustre (pal)	0
Taraxacum sect. Taraxacum	- 0

Taraxacum sect. Taraxacum	0
Taraxacum officinale subsp. officinale	0
Taraxacum gr. officinale	0
Taraxacum aequilobum	0
Taraxacum ancistrolobum (tar)	0
Taraxacum aurosulum	0
Taraxacum copidophyllum	0
Taraxacum cordatum	0
Taraxacum cordatum (tar)	0
Taraxacum gr. praestans/gr. officinale	0
Taraxacum intermedium	0
Taraxacum pallescens	0
Taraxacum serotinum	- 0
Taraxacum serotinum	0
Taraxacum serotinum subsp. serotinum	0
Telephium imperati	- 0
Telephium imperati	0
Telephium imperati subsp. imperati	0
Telephium imperati subsp. orientale	0
Telephium imperati subsp. pauciflorum	0
Teline osyrioides	- 0
Teline osyrioides	0
Teline osyrioides subsp. osyrioides	0
Tephroseris helenitis	- 0
Tephroseris helenitis	0
Tephroseris helenitis subsp. macrochaeta	0
Tephroseris integrifolia	- 0
Tephroseris integrifolia	0
Tephroseris integrifolia subsp. atropurpurea	0
Tephroseris integrifolia subsp. aucheri	0
Tephroseris integrifolia subsp. aurantiaca	0
Tephroseris integrifolia subsp. capitata	0
Tephroseris integrifolia subsp. jailicola	0
Tephroseris integrifolia subsp. primulifolia	0
Tephroseris longifolia	- 0
Tephroseris longifolia	0
Tephroseris longifolia subsp. brachychaeta	0
Tephroseris longifolia subsp. gaudinii	0
Tephroseris papposa	- 0
Tephroseris papposa	0

<i>Tephrosieris papposa</i> subsp. <i>wagneri</i>	0
<i>Tetragonolobus maritimus</i>	- 0
<i>Tetragonolobus maritimus</i> subsp. <i>siliquosu</i>	0
<i>Tetragonolobus maritimus</i> subsp. <i>siliquosus</i>	0
<i>Teucrium aragonense</i>	- 0
<i>Teucrium aragonense</i>	0
<i>Teucrium aragonense</i> subsp. <i>expansum</i>	0
<i>Teucrium compactum</i>	- 0
<i>Teucrium compactum</i>	0
<i>Teucrium compactum</i> subsp. <i>rixanense</i>	0
<i>Teucrium divaricatum</i>	- 0
<i>Teucrium divaricatum</i>	0
<i>Teucrium divaricatum</i> subsp. <i>divaricatum</i>	0
<i>Teucrium divaricatum</i> subsp. <i>graecum</i>	0
<i>Teucrium eriocephalum</i>	- 0
<i>Teucrium eriocephalum</i>	0
<i>Teucrium eriocephalum</i> subsp. <i>lutescens</i>	0
<i>Teucrium flavum</i>	- 0
<i>Teucrium flavum</i>	0
<i>Teucrium flavum</i> subsp. <i>flavum</i>	0
<i>Teucrium flavum</i> subsp. <i>glaucum</i>	0
<i>Teucrium flavum</i> subsp. <i>hellenicum</i>	0
<i>Teucrium fruticans</i>	- 0
<i>Teucrium fruticans</i>	0
<i>Teucrium fruticans</i> subsp. <i>fruticans</i>	0
<i>Teucrium chamaedrys</i>	- 0
<i>Teucrium chamaedrys</i>	0
<i>Teucrium chamaedrys</i> subsp. <i>chamaedrys</i>	0
<i>Teucrium chamaedrys</i> subsp. <i>germanicum</i>	0
<i>Teucrium chamaedrys</i> subsp. <i>nuchense</i>	0
<i>Teucrium chamaedrys</i> subsp. <i>sypshirense</i>	0
<i>Teucrium chamaedrys</i> subsp. <i>trapezunticum</i>	0
<i>Teucrium chamaedrys</i> s.l.	0
<i>Teucrium chamaedrys</i> subsp. <i>pinnatifidum</i>	0
<i>Teucrium marum</i>	- 0
<i>Teucrium marum</i>	0
<i>Teucrium marum</i> subsp. <i>marum</i>	0
<i>Teucrium marum</i> subsp. <i>occidentale</i>	0

Teucrium marum subsp. spinescens	0
Teucrium marum subsp. subspinosum var. spinescens	0
Teucrium montanum	- 0
Teucrium montanum	0
Teucrium montanum f. supinum	0
Teucrium montanum subsp. jailae	0
Teucrium montanum subsp. montanum	0
Teucrium montanum subsp. skorpilii	0
Teucrium montanum subsp. subvillosum	0
Teucrium orientale	- 0
Teucrium orientale	0
Teucrium orientale var. glabrescens	0
Teucrium orientale var. orientale	0
Teucrium orientale var. puberulens	0
Teucrium polium aggr.	- 0
Teucrium capitatum	0
Teucrium capitatum subsp. gracillimum	0
Teucrium capitatum subsp. lusitanicum	0
Teucrium polium	0
Teucrium polium f. majoricum	0
Teucrium polium subsp. aguilasense	0
Teucrium polium subsp. polium	0
Teucrium polium var. rouyanum	0
Teucrium aureum	0
Teucrium vincentinum	0
Teucrium pyrenaicum	- 0
Teucrium pyrenaicum	0
Teucrium pyrenaicum subsp. guarensis	0
Teucrium pyrenaicum s.l.	0
Teucrium scordium	- 0
Teucrium scordium	0
Teucrium scordium subsp. scordioides	0
Teucrium scordium subsp. scordium	0
Teucrium scorodonia	- 0
Teucrium scorodonia	0
Teucrium scorodonia subsp. euganeum	0
Teucrium scorodonia subsp. scorodonia	0
Teucrium pseudoscorodonia	0
Thalictrum aquilegiifolium	- 0
Thalictrum aquilegiifolium	0

Thalictrum aquilegiifolium subsp. storgosia	0
Thalictrum foetidum	- 0
Thalictrum foetidum	0
Thalictrum foetidum f. serbicus	0
Thalictrum foetidum subsp. foetidum	0
Thalictrum minus	- 0
Thalictrum minus	0
Thalictrum minus subsp. dunense	0
Thalictrum minus subsp. elatum	0
Thalictrum minus subsp. jacquinianum	0
Thalictrum minus subsp. majus	0
Thalictrum minus subsp. minus	0
Thalictrum minus subsp. minus var. olympicum	0
Thalictrum minus subsp. roridum	0
Thalictrum minus subsp. saxatile	0
Thalictrum morisonii	- 0
Thalictrum morisonii subsp. maritimum	0
Thalictrum morisonii subsp. morisonii	0
Thalictrum simplex	- 0
Thalictrum simplex	0
Thalictrum simplex subsp. galioides	0
Thalictrum simplex subsp. gallicum	0
Thalictrum simplex subsp. simplex	0
Thalictrum speciosissimum	- 0
Thalictrum speciosissimum	0
Thalictrum speciosissimum subsp. albini	0
Thamnobryum alopecurum	- 0
Thamnobryum alopecurum	0
Thamnobryum alopecurum var. alopecurum	0
Thamnotia vermicularis	- 0
Thamnotia species	0
Thamnotia subuliformis	0
Thamnotia vermicularis	0
Thamnotia vermicularis var. subuliformis	0
Thesium ramosum	- 0
Thesium arvense	0
Thesium arvense var. caespitans	0
Thesium dollineri	- 0

Thesium dollineri	0
Thesium dollineri subsp. moesiacum	0
Thesium dollineri subsp. simplex	0
Thesium divaricatum	- 0
Thesium humifusum subsp. divaricatum	0
Thesium divaricatum	0
Thesium linophyllum	- 0
Thesium linophyllum	0
Thesium linophyllum subsp. linophyllum	0
Thesium linophyllum subsp. montanum	0
Thesium pyrenaicum	- 0
Thesium pyrenaicum	0
Thesium pyrenaicum subsp. grandiflorum	0
Thesium pyrenaicum subsp. pyrenaicum	0
Thlaspi eigii	- 0
Thlaspi eigii subsp. eigii	0
Thlaspi eigii subsp. samuelssonii	0
Thuidium delicatulum	- 0
Thuidium delicatulum	0
Thuidium delicatulum var. delicatulum	0
Thymbra spicata	- 0
Thymbra spicata	0
Thymbra spicata var. intricata	0
Thymbra spicata var. spicata	0
Thymelaea coridifolia	- 0
Thymelaea coridifolia	0
Thymelaea coridifolia subsp. dendrobryum	0
Thymelaea passerina	- 0
Thymelaea passerina	0
Thymelaea passerina f. passerina	0
Thymelaea pubescens	- 0
Thymelaea pubescens	0
Thymelaea pubescens subsp. elliptica	0
Thymelaea pubescens subsp. pubescens	0
Thymelaea tartonraira	- 0
Thymelaea tartonraira	0
Thymelaea tartonraira subsp. argentea	0



Thymelaea tartonraira subsp. argentea var. angusti	0
Thymelaea tartonraira subsp. tartonraira	0
Thymelaea tartonraira subsp. valentina	0
Thymelaea tinctoria	- 0
Thymelaea tinctoria	0
Thymelaea tinctoria subsp. nivalis	0
Thymus callieri	- 0
Thymus callieri	0
Thymus callieri subsp. urumovii	0
Thymus ciliatopubescens	- 0
Thymus ciliatopubescens	0
Thymus ciliatopubescens var. ciliatopubescens	0
Thymus ciliatopubescens var. mariovense	0
Thymus comosus	- 0
Thymus comosus	0
Thymus comosus var. transsilvanicus	0
Thymus granatensis	- 0
Thymus granatensis	0
Thymus granatensis subsp. micranthus	0
Thymus jankae	- 0
Thymus jankae	0
Thymus jankae var. serbicus	0
Thymus jankae var. subacicularis	0
Thymus leptophyllus	- 0
Thymus leptophyllus	0
Thymus leptophyllus subsp. pau	0
Thymus leucotrichus	- 0
Thymus leucotrichus	0
Thymus leucotrichus subsp. leucotrichus	0
Thymus leucotrichus subsp. neiceffii	0
Thymus longicaulis	- 0
Thymus longicaulis	0
Thymus longicaulis f. freynii	0
Thymus longicaulis subsp. chaubardii	0
Thymus longicaulis subsp. chaubardii var. chaubard	0
Thymus longicaulis subsp. longicaulis	0
Thymus longicaulis subsp. longicaulis var. longica	0

Thymus loscosii	-	0
Thymus loscosii		0
Thymus loscosii subsp. fontqueri		0
Thymus fontqueri		0
Thymus moesiacus	-	0
Thymus moesiacus		0
Thymus moesiacus subsp. adpersus		0
Thymus moesiacus subsp. moesiacus		0
Thymus moesiacus var. microcalyx		0
Thymus odoratissimus	-	0
Thymus odoratissimus		0
Thymus oenipontanus		0
Thymus glabrescens subsp. glabrescens		0
Thymus roegneri		0
Thymus glabrescens subv. stenophyllus		0
Thymus glabrescens subvar. stenophyllus		0
Thymus glabrescens subsp. degenianus		0
Thymus pannonicus	-	0
Thymus pannonicus subsp. pannonicus		0
Thymus pannonicus x praecox subsp. praecox		0
Thymus praecox	-	0
Thymus praecox		0
Thymus praecox subsp. caucasicus var. caucasicus		0
Thymus praecox subsp. jankae		0
Thymus praecox subsp. ligusticus		0
Thymus praecox subsp. polytrichus		0
Thymus praecox subsp. praecox		0
Thymus praecox subsp. zygiformis		0
Thymus praecox gr.		0
Thymus pulegioides	-	0
Thymus pulegioides		0
Thymus pulegioides subsp. chamaedrys		0
Thymus pulegioides subsp. pannonicus		0
Thymus pulegioides subsp. pulegioides		0
Thymus pulegioides aggr.		0
Thymus serpylloides	-	0
Thymus serpylloides		0
Thymus serpylloides subsp. serpylloides		0
Thymus serpyllum	-	0
Thymus serpyllum		0

Thymus serpyllum subsp. serpyllum	0
Thymus serpyllum subsp. tanaensis	0
Thymus sibthorpii	- 0
Thymus sibthorpii	0
Thymus sibthorpii subsp. sibthorpii	0
Thymus sipyleus	- 0
Thymus sipyleus	0
Thymus sipyleus subsp. sipyleus var. sipyleus	0
Thymus striatus	- 0
Thymus striatus	0
Thymus striatus subsp. ophioliticus	0
Thymus teucrioides	- 0
Thymus teucrioides	0
Thymus teucrioides subsp. candilicus	0
Thymus villosus	- 0
Thymus villosus	0
Thymus villosus subsp. lusitanicus	0
Thymus vulgaris	- 0
Thymus vulgaris	0
Thymus vulgaris subsp. aestivus	0
Thymus vulgaris subsp. vulgaris	0
Thymus zygioides	- 0
Thymus zygioides	0
Thymus zygioides var. lycaonicus	0
Thymus zygis	- 0
Thymus zygis	0
Thymus zygis subsp. gracilis	0
Thymus zygis subsp. sylvestris	0
Tilia platyphyllos	- 0
Tilia platyphyllos	0
Tilia platyphyllos subsp. platyphyllos	0
Tilia begoniifolia	0
Timmia megapolitana	- 0
Timmia megapolitana	0
Timmia megapolitana subsp. bavarica	0
Todaroa aurea	- 0

Todaroa aurea	0
Todaroa aurea subsp. suaveolens	0
Tolpis umbellata	- 0
Tolpis umbellata	0
Tolpis umbellata	0
Tolpis virgata	- 0
Tolpis virgata	0
Tolpis virgata subsp. virgata	0
Torilis arvensis	- 0
Torilis arvensis	0
Torilis arvensis subsp. arvensis	0
Torilis arvensis subsp. neglecta	0
Torilis arvensis subsp. recta	0
Torilis japonica	- 0
Torilis japonica	0
Torilis japonica aggr.	0
Tortella flavovirens	- 0
Tortella flavovirens	0
Tortella flavovirens var. flavovirens	0
Tortella inclinata	- 0
Tortella inclinata	0
Tortella inclinata var. densa	0
Tortella inclinata var. inclinata	0
Tortella tortuosa	- 0
Tortella tortuosa	0
Tortella tortuosa var. tortuosa	0
Tortula muralis	- 0
Tortula muralis	0
Tortula muralis var. aestiva	0
Tortula revolvens	- 0
Tortula revolvens	0
Tortula revolvens var. obtusata	0
Tortula ruraliformis	- 0
Tortula ruraliformis	0
Tortula ruraliformis var. ruraliformis	0
Tortula ruralis	- 0

Tortula ruralis subsp. calcicolens	0
Tortula ruralis subsp. ruraliformis	0
Tortula ruralis subsp. ruralis	0
Tortula ruralis var. ruralis	0
Tozzia alpina	- 0
Tozzia alpina	0
Tozzia alpina subsp. alpina	0
Tozzia alpina subsp. carpathica	0
Tragopogon brevirostris	- 0
Tragopogon brevirostris	0
Tragopogon brevirostris subsp. brevirostris	0
Tragopogon crocifolius	- 0
Tragopogon crocifolius	0
Tragopogon crocifolius subsp. crocifolius	0
Tragopogon crocifolius subsp. nebrodensis	0
Tragopogon crocifolius subsp. samaritani	0
Tragopogon dubius	- 0
Tragopogon dubius	0
Tragopogon dubius subsp. desertorum	0
Tragopogon dubius subsp. dubius	0
Tragopogon dubius subsp. major	0
Tragopogon porrifolius	- 0
Tragopogon porrifolius	0
Tragopogon porrifolius subsp. cupani	0
Tragopogon porrifolius subsp. longirostris	0
Tragopogon porrifolius subsp. porrifolius	0
Tragopogon pratensis	- 0
Tragopogon pratensis	0
Tragopogon pratensis subsp. hayekii	0
Tragopogon pratensis subsp. lamottei	0
Tragopogon pratensis subsp. minor	0
Tragopogon pratensis subsp. orientalis	0
Tragopogon pratensis subsp. pratensis	0
Tragopogon pratensis subsp. pratensis (excl. subsp)	0
Tragopogon ruthenicus	- 0
Tragopogon ruthenicus	0
Tragopogon ruthenicus subsp. tanaiticus	0
Trachelium caeruleum	- 0
Trachelium caeruleum	0

Trachelium caeruleum subsp. caeruleum	0
Trachomitum venetum	- 0
Trachomitum venetum	0
Trachomitum venetum subsp. venetum	0
Tribulus terrestris	- 0
Tribulus terrestris	0
Tribulus terrestris subsp. orientalis	0
Trifolium alpestre	- 0
Trifolium alpestre	0
Trifolium alpestre subsp. alpestre	0
Trifolium angustifolium	- 0
Trifolium angustifolium	0
Trifolium angustifolium var. angustifolium	0
Trifolium dubium	- 0
Trifolium dubium	0
Trifolium dubium (incl. micranthum)	0
Trifolium dubium aggr.	0
Trifolium fragiferum	- 0
Trifolium fragiferum	0
Trifolium fragiferum subsp. bonannii	0
Trifolium fragiferum subsp. fragiferum	0
Trifolium fragiferum var. pulchellum	0
Trifolium hybridum	- 0
Trifolium hybridum	0
Trifolium hybridum subsp. anatolicum	0
Trifolium hybridum subsp. elegans	0
Trifolium hybridum subsp. hybridum	0
Trifolium hybridum var. hybridum	0
Trifolium incarnatum	- 0
Trifolium incarnatum	0
Trifolium incarnatum subsp. incarnatum	0
Trifolium incarnatum subsp. molinerii	0
Trifolium medium	- 0
Trifolium medium	0
Trifolium medium subsp. balcanicum	0
Trifolium medium subsp. banaticum	0
Trifolium medium subsp. medium	0
Trifolium medium subsp. sarosiense	0

Trifolium medium subsp. skorpilii	0
Trifolium medium var. banaticum	0
Trifolium medium var. medium	0
Trifolium michelianum	- 0
Trifolium michelianum	0
Trifolium michelianum var. balansae	0
Trifolium montanum	- 0
Trifolium montanum	0
Trifolium montanum subsp. rupestre	0
Trifolium montanum var. gayanum	0
Trifolium nigrescens	- 0
Trifolium nigrescens	0
Trifolium nigrescens subsp. nigrescens	0
Trifolium nigrescens subsp. petrisavii	0
Trifolium noricum	- 0
Trifolium noricum	0
Trifolium noricum subsp. praetutianum	0
Trifolium noricum var. ottonis	0
Trifolium ochroleucon	- 0
Trifolium ochroleucon	0
Trifolium ochroleucon subsp. ochroleucon	0
Trifolium pannonicum	- 0
Trifolium pannonicum	0
Trifolium pannonicum subsp. elongatom	0
Trifolium pannonicum subsp. pannoncum	0
Trifolium physodes	- 0
Trifolium physodes	0
Trifolium physodes var. physodes	0
Trifolium physodes var. psilocalyx	0
Trifolium pratense	- 0
Trifolium pratense	0
Trifolium pratense subsp. semipurpureum	0
Trifolium pratense semipurpureum	0
Trifolium pratense var. americanum	0
Trifolium pratense var. frigidum	0
Trifolium pratense var. maritimum	0
Trifolium pratense var. pilosum	0
Trifolium pratense var. pratense	0
Trifolium pratense var. sativum	0

Trifolium pratense subsp. nivale	0
Trifolium purpureum	- 0
Trifolium purpureum	0
Trifolium purpureum subsp. purpureum	0
Trifolium purpureum var. laxiusculum	0
Trifolium purpureum var. purpureum	0
Trifolium repens	- 0
Trifolium repens	0
Trifolium repens subsp. nevadensis	0
Trifolium repens subsp. ochrantum	0
Trifolium repens subsp. prostratum	0
Trifolium repens var. biasolettii	0
Trifolium repens var. nevadense	0
Trifolium repens var. ochranthum	0
Trifolium repens var. orbelicum	0
Trifolium repens var. orphanideum	0
Trifolium repens var. repens	0
Trifolium repens/pratense	0
Trifolium repens/thalii	0
Trifolium resupinatum	- 0
Trifolium resupinatum	0
Trifolium resupinatum var. majus	0
Trifolium resupinatum var. resupinatum	0
Trifolium scabrum	- 0
Trifolium scabrum	0
Trifolium scabrum subsp. scabrum	0
Trifolium lucanicum	0
Trifolium stellatum	- 0
Trifolium stellatum	0
Trifolium stellatum var. adpressum	0
Trifolium stellatum var. stellatum	0
Trifolium striatum	- 0
Trifolium striatum	0
Trifolium striatum subsp. brevidens	0
Trifolium striatum subsp. striatum	0
Trifolium striatum subsp. striatum	0
Trifolium subterraneum	- 0
Trifolium subterraneum	0
Trifolium subterraneum subsp. subterraneum	0



Trigonella monantha	-	0
Trigonella monantha subsp. monantha		0
Trigonella monantha subsp. noeana		0
Trigonella procumbens	-	0
Trigonella procumbens		0
Trigonella procumbens var. besseriana		0
Trichophorum cespitosum	-	0
Trichophorum cespitosum		0
Trichophorum cespitosum subsp. cespitosum		0
Trichophorum cespitosum subsp. germanicum		0
Trichophorum cespitosum aggr.		0
Trichostomum crispulum	-	0
Trichostomum crispulum		0
Trichostomum crispulum var. angustifolium		0
Trichostomum crispulum var. brevifolium		0
Trichostomum crispulum var. crispulum		0
Trichostomum crispulum var. viridulum		0
Trichostomum tenuirostre	-	0
Trichostomum tenuirostre		0
Trichostomum tenuirostre var. holtii		0
Trichostomum tenuirostre var. tenuirostre		0
Trinia dalechampii	-	0
Trinia dalechampii		0
Trinia daleschampii		0
Trinia glauca	-	0
Trinia glauca		0
Trinia glauca subsp. carniolica		0
Trinia glauca subsp. glauca		0
Trinia glauca subsp. pindica		0
Trinia glauca var. jacquinii		0
Tripleurospermum inodorum	-	0
Matricaria maritima subsp. inodora (C. Koch) Soó		0
Tripleurospermum maritimum	-	0
Matricaria maritima subsp. maritima		0
Tripolium pannonicum	-	0
Tripolium pannonicum		0
Tripolium pannonicum subsp. pannonicum		0
Tripolium pannonicum subsp. tripolium		0

Trisetaria distichophylla	-	0
Trisetaria distichophylla		0
Trisetaria distichophylla subsp. distichophylla		0
Trisetum flavescens	-	0
Trisetum flavescens		0
Trisetum flavescens subsp. baregense		0
Trisetum flavescens subsp. flavescens		0
Trisetum flavescens subsp. purpurascens		0
Trisetum flavescens subsp. splendens		0
Trisetum flavescens subsp. tenue		0
Trisetum flavescens aggr.		0
Trisetum spicatum	-	0
Trisetum spicatum		0
Trisetum spicatum subsp. ovatipaniculatum		0
Trisetum spicatum subsp. spicatum		0
Triticum aestivum	-	0
Triticum aestivum		0
Triticum aestivum subsp. aestivum		0
Triticum aestivum subsp. compactum		0
Triticum aestivum subsp. hadropyrum		0
Triticum aestivum subsp. macha		0
Triticum aestivum subsp. spelta		0
Triticum aestivum subsp. vavilovii		0
Triticum monococcum	-	0
Triticum monococcum		0
Triticum monococcum subsp. aegilopoides		0
Triticum boeoticum		0
Triticum boeoticum subsp. baеoticum		0
Triticum turgidum	-	0
Triticum turgidum		0
Triticum turgidum subsp. turgidum		0
Triticum turgidum subsp. asiaticum		0
Triticum turgidum subsp. carthlicum		0
Triticum turgidum subsp. dicoccoides		0
Triticum turgidum subsp. dicoccon		0
Triticum turgidum subsp. durum		0
Triticum turgidum subsp. georgicum		0
Triticum turgidum subsp. maroccanum		0
Triticum turgidum subsp. polonicum		0
Triticum turgidum subsp. pyramidale		0
Triticum turgidum subsp. subspontaneum		0

Triticum turgidum subsp. turanicum	0
Triticum turgidum subsp. volgense	0
Trollius europaeus	- 0
Trollius europaeus	0
Trollius europaeus subsp. europaeus	0
Trollius europaeus subsp. transsilvanicus	0
Tuberaria guttata	- 0
Tuberaria guttata	0
Tuberaria guttata var. clandestina	0
Tuberaria guttata var. guttata	0
Tuberaria guttata var. inconspicua	0
Tuberaria guttata var. plantaginea	0
Tulipa hungarica	- 0
Tulipa hungarica	0
Tulipa hungarica subsp. undulatifolia	0
Tulipa orphanidea	- 0
Tulipa orphanidea	0
Tulipa orphanidea subsp. orphanidea	0
Tulipa sylvestris	- 0
Tulipa sylvestris	0
Tulipa sylvestris subsp. australis	0
Ulex argenteus	- 0
Ulex argenteus	0
Ulex argenteus subsp. argenteus	0
Ulex argenteus subsp. erinaceus	0
Ulex europaeus	- 0
Ulex europaeus	0
Ulex europaeus subsp. europaeus	0
Ulex europaeus subsp. latebracteatus	0
Ulex gallii	- 0
Ulex gallii	0
Ulex gallii fo. humilis	0
Ulex gallii subsp. breoganii	0
Ulex parviflorus	- 0
Ulex parviflorus	0
Ulex parviflorus subsp. eriocladus	0
Ulex parviflorus subsp. funkii	0
Ulex parviflorus subsp. jussiaei	0

Ulex parviflorus subsp. parviflorus	0
Ulex parviflorus subsp. rivasgodayanus	0
Ulex australis subsp. welwitschianus	0
Ulex baeticus subsp. scaber	0
Ulmus glabra	- 0
Ulmus glabra	0
Ulmus glabra var. montana	0
Ulmus minor	- 0
Ulmus minor	0
Ulmus minor f. suberosa	0
Ulmus minor subsp. minor	0
Ulmus minor var. minor	0
Ulmus minor var. suberosa	0
Ulmus minor et procera	0
Ulmus minor subsp. canescens	0
Ulota crispa	- 0
Ulota crispa	0
Ulota crispa var. norvegica	0
Umbilicaria cylindrica	- 0
Umbilicaria cylindrica	0
Umbilicaria cylindrica f. microphylla	0
Umbilicaria cylindrica f. tornata	0
Umbilicus horizontalis	- 0
Umbilicus horizontalis	0
Umbilicus horizontalis var. horizontalis	0
Urtica dioica	- 0
Urtica dioica	0
Urtica dioica f. galeopsidifolia	0
Urtica dioica f. latifolia	0
Urtica dioica subsp. dioica	0
Urtica dioica subsp. pubescens	0
Urtica dioica subsp. sondenii	0
Urtica dioica var. kioviensis	0
Vaccaria pyramidata	- 0
Vaccaria pyramidata var. grandiflora	0
Vaccaria pyramidata var. liniflora	0
Vaccaria pyramidata var. oxyodonta	0
Vaccaria pyramidata var. pyramidata	0
Vaccinium oxycoccos	- 0

Vaccinium oxycoccos	0
Oxycoccus quadripetalus	0
Vaccinium oxycoccos aggr.	0
Vaccinium uliginosum	- 0
Vaccinium uliginosum	0
Vaccinium uliginosum subsp. gaultherioides	0
Vaccinium uliginosum subsp. uliginosum	0
Vaccinium uliginosum aggr.	0
Vaccinium vitis-idaea	- 0
Vaccinium vitis-idaea	0
Vaccinium vitis-idaea subsp. minus	0
Vaccinium vitis-idaea subsp. vitis-idaea	0
Valantia muralis	- 0
Valantia muralis	0
Valantia muralis var. muralis	0
Valeriana celtica	- 0
Valeriana celtica	0
Valeriana celtica subsp. norica	0
Valeriana dioica	- 0
Valeriana dioica	0
Valeriana dioica subsp. dioica	0
Valeriana dioica subsp. simplicifolia	0
Valeriana excelsa	- 0
Valeriana excelsa subsp. excelsa	0
Valeriana excelsa subsp. salina	0
Valeriana excelsa subsp. sambucifolia	0
Valeriana excelsa subsp. versifolia	0
Valeriana sambucifolia subsp. sambucifolia	0
Valeriana longiflora	- 0
Valeriana longiflora	0
Valeriana longiflora subsp. longiflora	0
Valeriana longiflora subsp. pau	0
Valeriana montana	- 0
Valeriana montana	0
Valeriana montana subsp. montana	0
Valeriana officinalis	- 0
Valeriana officinalis subsp. officinalis	0
Valeriana officinalis subsp. repens	0

Valeriana officinalis aggr.	0
Valeriana saxatilis	- 0
Valeriana saxatilis	0
Valeriana saxatilis subsp. pancicii	0
Valeriana stolonifera	- 0
Valeriana stolonifera	0
Valeriana stolonifera subsp. angustifolia	0
Valeriana tripteris	- 0
Valeriana tripteris	0
Valeriana tripteris subsp. austriaca	0
Valeriana tripteris subsp. tarraconensis	0
Valeriana tripteris subsp. tripteris	0
Valerianella coronata	- 0
Valerianella coronata	0
Valerianella coronata subsp. coronata	0
Valerianella dentata	- 0
Valerianella dentata	0
Valerianella dentata subsp. dentata	0
Valerianella dentata subsp. eriosperma	0
Valerianella locusta	- 0
Valerianella locusta	0
Valerianella locusta subsp. lusitanica	0
Valerianella locusta var. locusta	0
Valerianella rimosa	- 0
Valerianella rimosa	0
Valerianella rimosa f. dasycarpa	0
Verbascum glabratum	- 0
Verbascum glabratum	0
Verbascum glabratum subsp. bosnense	0
Verbascum glabratum subsp. glabratum	0
Verbascum chaixii	- 0
Verbascum chaixii	0
Verbascum chaixii subsp. austriacum	0
Verbascum chaixii subsp. chaixii	0
Verbascum chaixii subsp. orientale	0
Verbascum lanatum	- 0
Verbascum lanatum	0

Verbascum lanatum var. hinkei	0
Verbascum longifolium	- 0
Verbascum longifolium	0
Verbascum longifolium subsp. pannosum	0
Verbascum lychnitis	- 0
Verbascum lychnitis	0
Verbascum lychnitis subsp. lychnitis	0
Verbascum nigrum	- 0
Verbascum nigrum	0
Verbascum nigrum subsp. abietinum	0
Verbascum nigrum subsp. nigrum	0
Verbascum niveum	- 0
Verbascum niveum	0
Verbascum niveum subsp. garganicum	0
Verbascum niveum subsp. niveum	0
Verbascum niveum subsp. pannosiforme	0
Verbascum ovalifolium	- 0
Verbascum ovalifolium	0
Verbascum ovalifolium subsp. thracicum	0
Verbascum phoeniceum	- 0
Verbascum phoeniceum	0
Verbascum phoeniceum subsp. flavidum	0
Verbascum rotundifolium	- 0
Verbascum rotundifolium	0
Verbascum rotundifolium subsp. conocarpum	0
Verbascum rotundifolium subsp. haenseleri	0
Verbascum sinuatum	- 0
Verbascum sinuatum	0
Verbascum sinuatum subsp. arenarium	0
Verbascum sinuatum var. sinuatum	0
Verbascum speciosum	- 0
Verbascum speciosum	0
Verbascum speciosum subsp. megaphlomos	0
Verbascum speciosum subsp. speciosum	0
Verbascum thapsus	- 0
Verbascum thapsus	0
Verbascum thapsus subsp. crassifolium	0

Verbascum thapsus subsp. montanum	0
Verbascum thapsus subsp. thapsus	0
Verbascum thapsus aggr.	0
Verbascum virgatum	- 0
Verbascum virgatum	0
Verbascum virgatum subsp. virgatum	0
Verbena officinalis	- 0
Verbena officinalis	0
Verbena officinalis subsp. officinalis	0
Veronica pumila	- 0
Veronica pumila	0
Veronica alpina subsp. australis	0
Veronica anagallis-aquatica	- 0
Veronica anagallis-aquatica	0
Veronica anagallis-aquatica subsp. anagallis-aquat	0
Veronica aphylla	- 0
Veronica aphylla	0
Veronica aphylla subsp. aphylla	0
Veronica austriaca	- 0
Veronica austriaca	0
Veronica austriaca subsp. austriaca	0
Veronica austriaca subsp. dentata	0
Veronica austriaca subsp. jacquinii	0
Veronica austriaca subsp. tenuifolia	0
Veronica austriaca subsp. teucrium	0
Veronica austriaca subsp. vahllei	0
Veronica tenuifolia subsp. javalambrensis	0
Veronica beccabunga	- 0
Veronica beccabunga	0
Veronica beccabunga subsp. beccabunga	0
Veronica bellidioides	- 0
Veronica bellidioides	0
Veronica bellidioides subsp. bellidioides	0
Veronica bellidioides subsp. lilacina	0
Veronica cymbalaria	- 0
Veronica cymbalaria	0
Veronica cymbalaria subsp. cymbalaria	0



Veronica fruticans	-	0
Veronica fruticans		0
Veronica fruticans subsp. cantabrica		0
Veronica fruticans subsp. fruticans		0
Veronica fruticulosa	-	0
Veronica fruticulosa		0
Veronica fruticulosa subsp. fruticulosa		0
Veronica glauca	-	0
Veronica glauca		0
Veronica glauca subsp. kavusica		0
Veronica glauca subsp. peloponnesiaca		0
Veronica hederifolia	-	0
Veronica hederifolia		0
Veronica hederifolia subsp. hederifolia		0
Veronica chamaedrys	-	0
Veronica chamaedrys		0
Veronica chamaedrys subsp. chamaedrys		0
Veronica chamaedrys subsp. micans		0
Veronica chamaedrys subsp. orbelica		0
Veronica chamaedrys subsp. vindobone		0
Veronica chamaed. subsp. chamaedryoides		0
Veronica vindobonensis		0
Veronica multifida	-	0
Veronica multifida		0
Veronica multifida subsp. capsellcarpa		0
Veronica nummularia	-	0
Veronica nummularia		0
Veronica nummularia subsp. nummularia		0
Veronica orientalis	-	0
Veronica orientalis		0
Veronica orientalis subsp. orientalis		0
Veronica orsiniana	-	0
Veronica orsiniana subsp. orsiniana		0
Veronica orsiniana subsp. teucroioides		0
Veronica pectinata	-	0
Veronica pectinata		0
Veronica pectinata var. pectinata		0

Veronica ponae	-	0
Veronica ponae		0
Veronica ponae subsp. pyrenaica		0
Veronica serpyllifolia	-	0
Veronica serpyllifolia		0
Veronica serpyllifolia subsp. humifusa		0
Veronica serpyllifolia subsp. langei		0
Veronica serpyllifolia subsp. nummularioi		0
Veronica serpyllifolia subsp. serpyllifolia		0
Veronica serpyllifolia var. balcanica		0
Veronica spicata	-	0
Veronica spicata		0
Veronica spicata subsp. orchidea		0
Veronica spicata subsp. spicata		0
Veronica verna	-	0
Veronica verna		0
Veronica verna subsp. brevistyla		0
Veronica verna subsp. verna		0
Viburnum tinus	-	0
Viburnum tinus		0
Viburnum tinus subsp. rigidum		0
Viburnum tinus subsp. subcordatum		0
Viburnum tinus subsp. tinus		0
Vicia cracca	-	0
Vicia cracca		0
Vicia cracca subsp. aetnensis		0
Vicia cracca subsp. cracca		0
Vicia cracca subsp. gerardii		0
Vicia cracca subsp. incana		0
Vicia cracca subsp. stenophylla		0
Vicia cracca aggr.		0
Vicia cretica	-	0
Vicia cretica		0
Vicia cretica subsp. cretica		0
Vicia grandiflora	-	0
Vicia grandiflora		0
Vicia grandiflora var. grandiflora		0
Vicia grandiflora var. sordida		0
Vicia hirsuta	-	0

Vicia hirsuta	0
Vicia hirsuta var. eriocarpa	0
Vicia lutea	- 0
Vicia lutea	0
Vicia lutea subsp. lutea	0
Vicia lutea subsp. vestita	0
Vicia lutea var. hirta	0
Vicia monantha	- 0
Vicia monantha	0
Vicia monantha subsp. monantha	0
Vicia ochroleuca	- 0
Vicia ochroleuca	0
Vicia ochroleuca subsp. ochroleuca	0
Vicia pannonica	- 0
Vicia pannonica	0
Vicia pannonica subsp. pannonica	0
Vicia pannonica subsp. str.	0
Vicia pannonica subsp. striata	0
Vicia sativa	- 0
Vicia sativa	0
Vicia sativa f. nemoralis	0
Vicia sativa f. obovata	0
Vicia sativa subsp. amphicarpa	0
Vicia sativa subsp. cordata	0
Vicia sativa subsp. incisa	0
Vicia sativa subsp. macrocarpa	0
Vicia sativa subsp. nigra	0
Vicia sativa subsp. nigra s.s.	0
Vicia sativa subsp. nigra var. nigra	0
Vicia sativa subsp. nigra var. segetalis	0
Vicia sativa subsp. sativa	0
Vicia sativa subsp. segetalis	0
Vicia sativa var. segetalis	0
Vicia sepium	- 0
Vicia sepium	0
Vicia sepium var. montana	0
Vicia tenuifolia	- 0
Vicia tenuifolia	0
Vicia tenuifolia subsp. dalmatica	0
Vicia tenuifolia subsp. tenuifolia	0

<i>Vicia villosa</i>	-	0
<i>Vicia villosa</i>		0
<i>Vicia villosa</i> f. <i>latifolia</i>		0
<i>Vicia villosa</i> subsp. <i>ambigua</i>		0
<i>Vicia villosa</i> subsp. <i>dasycarpa</i>		0
<i>Vicia villosa</i> subsp. <i>eriocarpa</i>		0
<i>Vicia villosa</i> subsp. <i>microphylla</i>		0
<i>Vicia villosa</i> subsp. <i>pseudovillosa</i>		0
<i>Vicia villosa</i> subsp. <i>varia</i>		0
<i>Vicia villosa</i> subsp. <i>villosa</i>		0
<i>Vinca difformis</i>	-	0
<i>Vinca difformis</i>		0
<i>Vinca difformis</i> subsp. <i>difformis</i>		0
<i>Vinca difformis</i> subsp. <i>sardoa</i>		0
<i>Vinca major</i>	-	0
<i>Vinca major</i>		0
<i>Vinca major</i> subsp. <i>major</i>		0
<i>Vincetoxicum canescens</i>	-	0
<i>Vincetoxicum canescens</i>		0
<i>Vincetoxicum canescens</i> subsp. <i>canescens</i>		0
<i>Vincetoxicum fuscatum</i>	-	0
<i>Vincetoxicum fuscatum</i>		0
<i>Vincetoxicum fuscatum</i> subsp. <i>boissieri</i>		0
<i>Vincetoxicum fuscatum</i> subsp. <i>fuscatum</i>		0
<i>Vincetoxicum hirundinaria</i>	-	0
<i>Vincetoxicum hirundinaria</i>		0
<i>Vincetoxicum hirundinaria</i> subsp. <i>adriaticum</i>		0
<i>Vincetoxicum hirundinaria</i> subsp. <i>contiguum</i>		0
<i>Vincetoxicum hirundinaria</i> subsp. <i>hirundinaria</i>		0
<i>Vincetoxicum hirundinaria</i> subsp. <i>intermed</i>		0
<i>Vincetoxicum hirundinaria</i> subsp. <i>intermedium</i>		0
<i>Vincetoxicum hirundinaria</i> subsp. <i>laxum</i>		0
<i>Vincetoxicum hirundinaria</i> subsp. <i>lusitanicum</i>		0
<i>Vincetoxicum hirundinaria</i> subsp. <i>nivale</i>		0
<i>Vincetoxicum hirundinaria</i> subsp. <i>stepposum</i>		0
<i>Vincetoxicum hirundinaria</i> aggr.		0
<i>Cynanchum athoum</i>		0
<i>Viola alba</i>	-	0
<i>Viola alba</i>		0
<i>Viola alba</i> subsp. <i>alba</i>		0

Viola alba subsp. cretica	0
Viola alba subsp. dehnhardtii	0
Viola alba subsp. denhardtii	0
Viola altaica	- 0
Viola altaica	0
Viola altaica subsp. oreades	0
Viola arvensis	- 0
Viola arvensis	0
Viola arvensis subsp. arvensis	0
Viola arvensis subsp. megalantha	0
Viola arvensis x tricolor subsp. tricolor	0
Viola bertolonii	- 0
Viola bertolonii	0
Viola bertolonii subsp. messanensis	0
Viola calcarata	- 0
Viola calcarata	0
Viola calcarata subsp. calcarata	0
Viola calcarata subsp. cavillieri	0
Viola calcarata subsp. zoysii	0
Viola canina	- 0
Viola canina	0
Viola canina subsp. canina	0
Viola canina subsp. ruppilii	0
Viola canina subsp. schultzii	0
Viola canina var. ericetorum	0
Viola canina var. sabulosa	0
Viola cenisia	- 0
Viola cenisia	0
Viola cenisia subsp. montana	0
Viola corsica	- 0
Viola corsica	0
Viola corsica subsp. ilvensis	0
Viola corsica subsp. limbarae	0
Viola elegantula	- 0
Viola elegantula	0
Viola elegantula f. rubroviolacea	0
Viola eugeniae	- 0
Viola eugeniae	0

Viola eugeniae subsp. eugeniae	0
Viola eugeniae subsp. levieri	0
Viola lutea	- 0
Viola lutea	0
Viola lutea subsp. lutea	0
Viola lutea subsp. sudetica	0
Viola orbelica	- 0
Viola orbelica	0
Viola orbelica var. luteola	0
Viola palustris	- 0
Viola palustris	0
Viola palustris subsp. juressi	0
Viola palustris subsp. palustris	0
Viola pseudogracilis	- 0
Viola pseudogracilis	0
Viola pseudogracilis subsp. cassinensis	0
Viola pseudogracilis subsp. pseudogracilis	0
Viola reichenbachiana x riviniana	- 0
Viola reichenbachiana x riviniana	0
Viola riviniana et reichenbachiana	0
Viola reichenbachiana	- 0
Viola reichenbachiana	0
Viola sylvatica	0
Viola sylvestris subsp. sylvestris	0
Viola riviniana aggr.	- 0
Viola riviniana aggr.	0
Viola riviniana gr.	0
Viola sandrasea	- 0
Viola sandrasea subsp. cilicica	0
Viola sandrasea subsp. sandrasea	0
Viola suavis	- 0
Viola suavis	0
Viola suavis subsp. adriatica	0
Viola suavis subsp. suavis	0
Viola tricolor aggr.	- 0
Viola tricolor aggr.	0
Viola tricolor	0

Viola tricolor curtisii	0
Viola tricolor cv. 'Hortensis'	0
Viola tricolor subsp. curtisii	0
Viola tricolor subsp. macedonica	0
Viola tricolor subsp. matutina	0
Viola tricolor subsp. alpestris	0
Viola tricolor subsp. tricolor	0
Viola tricolor subsp. maritima	0
Viola tricolor subsp. tricolor	0
Viola tricolor subsp. tricolor var. polychroma	0
Viola tricolor subsp. tricolor var. tricolor	0
Viola tricolor var. arvensis	0
Viola tricolor var. trimestris	0
Viscum album	- 0
Viscum album	0
Viscum album subsp. abietis	0
Viscum album subsp. album	0
Viscum album subsp. austriacum	0
Vitis vinifera	- 0
Vitis vinifera	0
Vitis vinifera subsp. vinifera	0
Vulpia ciliata	- 0
Vulpia ciliata	0
Vulpia ciliata subsp. ambigua	0
Vulpia ciliata subsp. ciliata	0
Vulpia myuros	- 0
Vulpia myuros	0
Vulpia myuros subsp. myuros	0
Wahlenbergia lobelioides	- 0
Wahlenbergia lobelioides	0
Wahlenbergia lobelioides subsp. nutabunda	0
Weissia brachycarpa	- 0
Weissia brachycarpa	0
Weissia brachycarpa var. obliqua	0
Weissia controversa	- 0
Weissia controversa	0
Weissia controversa var. controversa	0
Weissia controversa var. crispata	0
Weissia controversa var. densifolia	0

Woodsia glabella	-	0
Woodsia glabella		0
Woodsia glabella subsp. pulchella		0
Xanthium orientale	-	0
Xanthium orientale		0
Xanthium orientale subsp. californicum		0
Xanthium orientale subsp. italicum		0
Xanthium orientale subsp. orientale		0
Xanthium albinum s.l.		0
Xanthium strumarium	-	0
Xanthium strumarium		0
Xanthium strumarium subsp. brasilicum		0
Xanthium strumarium var. canadense		0
Xanthium strumarium s.l.		0
Ziziphora capitata	-	0
Ziziphora capitata		0
Ziziphora capitata subsp. capitata		0
Ziziphora hispanica	-	0
Ziziphora hispanica		0
Ziziphora hispanica subsp. aragonensis		0
Zygodon viridissimus	-	0
Zygodon viridissimus		0
Zygodon viridissimus var. viridissimus		0
Zygodon viridissimus var. vulgaris		0
ZZZ Fungi	-	0
Agrocybe pediades		0
Agrocybe praecox		0
Amanita citrina		0
Amanita fulva		0
Amanita muscaria		0
Amanita pantherina		0
Amanita vaginata		0
Amanitopsis vaginata		0
Boletus bovinus		0
Boletus edulis		0
Boletus erythropus		0
Boletus luteus		0
Boletus species		0
Bovista plumbea		0
Cantharellus cibarius		0
Cheilymenia granulata		0



Clavaria argillacea	0
Clavulinopsis corniculata	0
Clavulinopsis laeticolor	0
Clitocybe rivulosa	0
Cortinarius praestans	0
Cortinarius purpurascens	0
Dermoloma cuneifolium	0
Entoloma conferendum	0
Entoloma sericeum	0
Fomes fomentarius	0
Galerina pumila	0
Hydnum repandum	0
Hygrocybe ceracea	0
Hygrocybe conica	0
Hygrocybe glutinipes	0
Hygrocybe miniata	0
Lactarius piperatus	0
Lactarius species	0
Laetiporus sulphureus	0
Lepista sordida	0
Macrocyttidia cucumis	0
Macrolepiota procera	0
Marasmius oreades	0
Mycena aetites	0
Mycena flavoalba	0
Mycena galopus	0
Mycena pura	0
Mycena vitilis	0
Paxillus involutus	0
Pholiota aurivella	0
Polyporus brumalis	0
Psilocybe semilanceata	0
Russula cyanoxantha	0
Russula cyanoxantha	0
Russula emetica	0
Russula fragilis	0
Russula nigricans	0
Russula ochroleuca	0
Russula species	0
Rusula decolorans	0
Scleroderma citrinum	0
Seiophora lacunosa	0
Stropharia semiglobata	0
Thelephora terrestris	0
Tricholoma terreum	0
Tuber aestivum	0
Tulostoma brumale	0

ZZZ Noise	-	0
Algae (spp)		0
Algae diversae		0
Algal mat		0
Algas species		0
Alge species		0
Algenvlokken species		0
Blue-green alga		0
Green alga		0
Palmogloea protuberans (wier)		0
Seedlings of		0
Zastepczy takson 02		0
Zastepczy takson 05		0
Zastepczy takson 06		0
Zastepczy takson 10		0

SECTION 1: End

SECTION 2: Species groups

### Abies alba

  Abies alba

### Adriatic-Genista

  Genista hassertiana

  Genista holopetala

  Genista radiata

### Alder-carr-species

  Calamagrostis canescens

  Carex acutiformis

  Carex elata

  Carex elongata

  Carex paniculata

  Carex pseudocyperus

  Dryopteris carthusiana

  Dryopteris carthusiana aggr.

  Frangula alnus

  Peucedanum palustre

  Thelypteris palustris

### Alnus

  Alnus glutinosa

  Alnus incana

### Alnus cordata

  Alnus cordata

### Alpine-acidophilous-herbs

Agrostis nevadensis  
Agrostis rupestris  
Alopecurus gerardi  
Androsace carnea  
Androsace obtusifolia  
Anemonastrum narcissiflorum  
Armeria alpina  
Astrantia minor  
Bupleurum stellatum  
Campanula alpina  
Campanula herminii  
Campanula scheuchzeri  
Carex curvula  
Carex fimbriata  
Centaurea uniflora  
Crepis conyzifolia  
Crocus carpetanus  
Crocus sieberi  
Crocus veluchensis  
Dianthus glacialis  
Dianthus microlepis  
Dianthus scardicus  
Endressia pyrenaica  
Erodium carvifolium  
Euphrasia hirtella  
Euphrasia minima  
Festuca airoides  
Festuca eskia  
Festuca halleri  
Festuca henriquesii  
Festuca iberica  
Festuca igoschiniae  
Festuca pseudodura  
Festuca riloensis  
Festuca rothmaleri  
Festuca scabriculum  
Festuca varia  
Galium cespitosum  
Gentiana acaulis  
Gentiana alpina  
Gentiana boryi  
Gentiana brachyphylla  
Gentiana punctata  
Gentiana pyrenaica  
Geum montanum

Juncus jacquinii  
Lagotis uralensis  
Laserpitium halleri  
Leucanthemopsis alpina  
Luzula lutea  
Luzula pediformis  
Minuartia recurva  
Minuartia sedoides  
Narcissus bulbocodium  
Narcissus pseudonarcissus  
Oreochloa disticha  
Oreochloa seslerioides  
Paradisea liliastrum  
Pedicularis comosa  
Pedicularis kernerii  
Pedicularis portenschlagii  
Pedicularis tuberosa  
Phyteuma betonicifolium  
Phyteuma confusum  
Phyteuma globulariifolium  
Phyteuma hemisphaericum  
Phyteuma michelii  
Plantago alpina  
Plantago nivalis  
Poa media  
Polygala edmundii  
Potentilla aurea  
Potentilla frigida  
Potentilla grandiflora  
Potentilla nevadensis  
Potentilla valderia  
Primula glutinosa  
Primula integrifolia  
Primula minima  
Ranunculus abnormis  
Ranunculus amplexicaulis  
Ranunculus pyrenaicus  
Scleranthus uncinatus  
Sesleria comosa  
Silene flos-jovis  
Silene radicata  
Silene vallesia  
Silene waldsteinii  
Soldanella alpina  
Soldanella carpatica  
Soldanella hungarica  
Trifolium alpinum

Trifolium parnassii  
Valeriana celtica  
Veronica allionii  
Veronica bellidioides

### Alpine-subalpine-ericoid-dwarf-shrubs

Bruckenthalia spiculifolia  
Erica carnea  
Rhododendron caucasicum  
Rhododendron ferrugineum  
Rhododendron hirsutum  
Rhododendron myrtifolium  
Rhodothamnus chamaecistus

### Aralo-Caspian-semi-desert-species

Agropyron fragile  
Alhagi maurorum  
Alyssum turkestanicum  
Anabasis aphylla  
Artemisia lerchiana  
Astragalus physodes  
Atraphaxis spinosa  
Bassia prostrata  
Calligonum aphyllum  
Camphorosma monspeliaca  
Ceratocarpus arenarius  
Eremopyrum orientale  
Ferula caspica  
Medicago medicaginoides  
Peganum harmala  
Petrosimonia oppositifolia  
Salsola dendroides  
Salsola tragus  
Zygophyllum fabago

### Arctic-alpine-bryophytes-lichens

Alectoria nigricans  
Alectoria ochroleuca  
Cetraria cucullata  
Cetraria delisei  
Cetraria nivalis  
Cladonia amaurocraea  
Cladonia bellidiflora  
Cladonia carneola  
Cladonia ecmocyna  
Cladonia stellaris  
Gymnomitrium coralloides

Kiaeria starkei  
Nephroma arcticum  
Ochrolechia frigida  
Racomitrium lanuginosum  
Sphaerophorus globosus  
Stereocaulon paschale  
Tetralophozia setiformis  
Thamnolia vermicularis

### Arctic-alpine-dwarf-shrubs

Arctostaphylos alpinus  
Betula nana  
Empetrum nigrum aggr.  
Loiseleuria procumbens

### Arctic-alpine-dwarf-willows

Salix alpina  
Salix breviserrata  
Salix herbacea  
Salix herbacea x polaris  
Salix kazbekensis  
Salix nummularia  
Salix polaris  
Salix reptans  
Salix reticulata  
Salix retusa  
Salix retusa aggr.  
Salix serpillifolia

### Arctic-alpine-shrubby-junipers

Juniperus communis subsp. hemisphaerica  
Juniperus communis subsp. nana  
Juniperus sabina

### Arctic-ericoid-dwarf-shrubs

Cassiope hypnoides  
Cassiope tetragona  
Diapensia lapponica  
Phyllodoce caerulea  
Rhododendron lapponicum

### Atlantic-forest-species

Ceratocarpus claviculata  
Hedera helix  
Hypericum pulchrum  
Ilex aquifolium  
Lonicera periclymenum

Teucrium scorodonia

### Atlantic-heath-shrubs

Cistus lasianthus  
Cistus ocymoides  
Cistus palhinhae  
Cistus psilosepalus  
Cistus umbellatus  
Daboecia cantabrica  
Erica australis  
Erica ciliaris  
Erica cinerea  
Erica erigena  
Erica lusitanica  
Erica mackaiana  
Erica scoparia  
Erica umbellata  
Erica vagans  
Genista anglica  
Genista micrantha  
Genista triacanthos  
Genista tridentata  
Ulex boivinii  
Ulex gallii  
Ulex minor

### B14a-Atlantic-and-Baltic-coastal-dune-grassland-grey-dune-specialists

Alyssum loiseleurii  
Anchusa calcarea  
Armeria welwitschii  
Euphorbia portlandica  
Galium arenarium  
Helichrysum italicum subsp. picardii  
Iberis procumbens  
Malcolmia littorea  
Mibora minima  
Reichardia gaditana  
Thymus carnosus  
Verbascum litigiosum

### B14b-Mediterranean-and-Macaronesian-coastal-dune-grassland-grey-dune-specialists

Anthemis maritima  
Anthemis tomentosa  
Anthyllis hamosa  
Artemisia monosperma

Asteriscus imbricatus  
Atractylis carduus  
Centaurea cuneifolia  
Centaurea greuteri  
Centaurea sphaerocephala  
Centaurea tommasinii  
Corynephorus divaricatus  
Cyperus macrorhizus  
Dianthus pyrenaicus  
Echiochilon fruticosum  
Echium angustifolium  
Euphorbia terracina  
Filago lusitanica  
Launaea fragilis  
Linaria pedunculata  
Lomelosia rutifolia  
Lotus cytisoides  
Lotus glaucus  
Lotus pseudo-creticus  
Malcolmia ramosissima  
Malcolmia triloba  
Maresia nana  
Ononis angustifolia  
Ononis tournefortii  
Polycarpaea nivea  
Traganum moquinii

### B14c-Black-Sea-coastal-dune-grassland-grey-dune-specialists

Astrodaucus littoralis  
Carex colchica  
Centaurea odessana  
Convolvulus persicus  
Dianthus bessarabicus  
Erysimum montanum  
Festuca arenicola  
Jurinea kilaea  
Lepidotrichum uechtritzianum  
Linum tauricum  
Marrubium peregrinum  
Silene euxina  
Silene thymifolia  
Verbascum purpureum

### Betula pendula  
Betula pendula

### Betula pendula var. fontqueri



Betula pendula var. fontqueri

### Betula pendula-pubescens

Betula alba  
Betula alba aggr.  
Betula pendula  
Betula pendula x pubescens  
Betula pendula + B. pubescens  
Betula pubescens  
Betula pubescens var. glabrata  
Betula pubescens var. pumila

### Betula pubescens

Betula pubescens

### Birch-bog-forest-species

Aulacomnium palustre  
Calamagrostis canescens  
Carex canescens  
Carex nigra  
Comarum palustre  
Eriophorum angustifolium  
Eriophorum vaginatum  
Lysimachia vulgaris  
Molinia caerulea aggr.  
Myrica gale  
Polytrichum commune  
Vaccinium oxycoccos  
Vaccinium uliginosum

### Bog-Pinus

Pinus mugo  
Pinus mugo aggr.  
Pinus mugo subsp. rotundata  
Pinus sylvestris

### Bog-herbs

Andromeda polifolia  
Chamaedaphne calyculata  
Drosera rotundifolia  
Eriophorum angustifolium  
Eriophorum vaginatum  
Rhododendron tomentosum  
Rubus chamaemorus  
Vaccinium oxycoccos  
Vaccinium uliginosum

### Boreo-temperate-mountain-Betula  
 Betula pubescens var. glabrata  
 Betula litwinowii  
 Betula pubescens var. pumila

### Buxus sempervirens  
 Buxus sempervirens

### C-Mediterranean-mountain-thorny-cushion-shrubs  
 Astracantha nebrodensis  
 Astracantha parnassi subsp. calabricus  
 Astracantha sicula  
 Astragalus sirinicus  
 Cytisus spinescens  
 Genista cupanii  
 Genista desoleana  
 Genista lobelii  
 Genista michelii  
 Genista salzmännii

### Canary-Island-xerophytic-scrub-species  
 Allagopappus canariensis  
 Anagyris latifolia  
 Androcymbium hierrense  
 Argyranthemum callichrysum  
 Argyranthemum coronopifolium  
 Argyranthemum escarrei  
 Argyranthemum gracile  
 Argyranthemum sundingii  
 Asparagus arborescens  
 Asparagus nesiotetes  
 Asparagus pastorianus  
 Asparagus plocamoides  
 Asparagus scoparius  
 Asparagus umbellatus  
 Atriplex glauca  
 Brachypodium arbuscula  
 Bupleurum handiense  
 Bystropogon odoratissimus  
 Bystropogon plumosus  
 Campylanthus salsoloides  
 Caralluma burchardii  
 Carlina salicifolia  
 Ceropogia dichotoma  
 Ceropogia fusca  
 Convolvulus floridus  
 Convolvulus lopezsocasi

Convolvulus scoparius  
Cytisus filipes  
Dorycnium eriophthalmum  
Dracaena draco  
Echium aculeatum  
Echium brevirame  
Echium giganteum  
Echium strictum  
Erysimum bicolor  
Euphorbia aphylla  
Euphorbia atropurpurea  
Euphorbia balsamifera  
Euphorbia berthelotii  
Euphorbia canariensis  
Euphorbia handiensis  
Euphorbia lamarckii  
Euphorbia regis-jubae  
Globularia salicina  
Helianthemum canariense  
Herniaria canariensis  
Hypericum canariense  
Jasminum odoratissimum  
Justicia hyssopifolia  
Kickxia sagittata  
Kickxia scoparia  
Kleinia neriifolia  
Lavandula pinnata  
Marcetella moquiniana  
Maytenus canariensis  
Neochamaelea pulverulenta  
Pancratium canariense  
Parolinia intermedia  
Parolinia ornata  
Paronychia canariensis  
Periploca laevigata  
Plantago arborescens  
Plocama pendula  
Reichardia famarae  
Reseda scoparia  
Retama raetam  
Rhamnus crenulata  
Rubia fruticosa  
Ruta pinnata  
Rutheopsis herbanica  
Schizogyne sericea  
Scilla haemorrhoidalis  
Seseli webbii

Sideritis brevicaulis  
Sideritis dendrochahorra  
Sideritis pumila  
Sideroxylon mirmulans  
Sonchus capillaris  
Sonchus microcarpus  
Sonchus leptocephalus  
Teline osyrioides  
Teucrium heterophyllum  
Vicia cirrhosa

### Castanea sativa  
Castanea sativa

### Cedrus atlantica  
Cedrus atlantica

### Cedrus libani  
Cedrus libani

### Chamaephytes  
Achillea atrata  
Achillea erba-rotta  
Achillea lucana  
Achillea maritima  
Achillea rupestris  
Achyranthes aspera  
Achyranthes sicularis  
Aegonychon calabrum  
Aethionema saxatile  
Agrostis stolonifera  
Ajuga reptans  
Ajuga reptans  
Alchemilla longana  
Alyssoides utriculata  
Alyssum cuneifolium  
Alyssum diffusum  
Alyssum ligusticum  
Alyssum montanum  
Alyssum wulfenianum  
Alyssum wulfenianum subsp. ovirense  
Andromeda polifolia  
Androsace alpina  
Androsace brevis  
Androsace chamaejasme  
Androsace hausmannii  
Androsace helvetica

Androsace lactea  
Androsace mathildae  
Androsace pubescens  
Androsace vandellii  
Androsace villosa  
Androsace vitaliana  
Androsace wulfeniana  
Andryala ragusina  
Anogramma leptophylla  
Antennaria dioica  
Anthemis aetnensis  
Anthemis cotula  
Anthemis cupaniana  
Anthemis hydruntina  
Anthemis ismelia  
Anthyllis hermanniae  
Anthyllis montana  
Antirrhinum australe  
Antirrhinum latifolium  
Antirrhinum majus  
Antirrhinum siculum  
Arctostaphylos alpinus  
Arctostaphylos uva-ursi  
Arenaria aggregata  
Arenaria balearica  
Arenaria bertolonii  
Arenaria biflora  
Arenaria ciliata  
Arenaria grandiflora  
Arenaria huteri  
Arenaria moehringioides  
Arenaria procera  
Argentina anserina  
Argyrolobium zanonii  
Armeria leucocephala  
Armeria multiceps  
Armeria pungens  
Armeria sardoia  
Armeria soleirolii  
Armeria sulcitana  
Artemisia absinthium  
Artemisia alba  
Artemisia atrata  
Artemisia caeruleascens  
Artemisia campestris  
Artemisia chamaemelifolia  
Artemisia cretacea

Artemisia genipi  
Artemisia glacialis  
Artemisia nitida  
Artemisia pedemontana  
Artemisia umbelliformis  
Artemisia vallesiaca  
Arthrocnemum macrostachyum  
Asarum europaeum  
Asparagus aphyllus  
Asparagus pastorianus  
Asperula calabra  
Asperula crassifolia  
Asperula garganica  
Asperula gussonii  
Asperula nitida  
Asperula pumila  
Asperula purpurea  
Asperula rupestris  
Asperula staliana  
Asperula suberosa  
Astracantha nebrodensis  
Astracantha parnassi subsp. calabricus  
Astracantha sicula  
Astragalus austriacus  
Astragalus glycyphyllos  
Astragalus sempervirens  
Astragalus sirinicus  
Aubrieta columnae  
Aubrieta deltoidea  
Aurinia leucadea  
Aurinia saxatilis  
Aurinia sinuata  
Ballota frutescens  
Ballota hispanica  
Ballota pseudodictamnus  
Barbarea rupicola  
Bassia saxicola  
Bellium crassifolium  
Biscutella incana  
Bituminaria morisiana  
Brassica botteri  
Brassica drepanensis  
Brassica incana  
Brassica insularis  
Brassica macrocarpa  
Brassica oleracea  
Brassica rupestris

Brassica villosa  
Buphthalmum inuloides  
Bupleurum dianthifolium  
Calendula suffruticosa  
Calluna vulgaris  
Campanula garganica  
Campanula isophylla  
Camphorosma monspeliaca  
Caralluma europaea  
Carpobrotus acinaciformis  
Carpobrotus edulis  
Castroviejoa frigida  
Castroviejoa montelinasana  
Centaurea aplolepa  
Centaurea cineraria  
Centaurea diomedea  
Centaurea filiformis  
Centaurea gymnocarpa  
Centaurea horrida  
Centaurea leucadea  
Centaurea tauromenitana  
Centranthus angustifolius  
Centranthus ruber  
Centranthus trinervis  
Cephalaria squamiflora  
Cerastium carinthiacum  
Cerastium latifolium  
Cerastium thomasii  
Cerastium tomentosum  
Cerastium uniflorum  
Chiliadenus bocconeii  
Chiliadenus lopadusanus  
Cichorium spinosum  
Cistus oelandicus  
Clinopodium alpinum  
Clinopodium corsicum  
Clinopodium serpyllifolium subsp. fruticosum  
Clinopodium suaveolens  
Clinopodium thymifolium  
Comarum palustre  
Convolvulus cneorum  
Convolvulus lineatus  
Convolvulus oleifolius  
Coronilla coronata  
Coronilla minima  
Coronilla vaginalis  
Cressa cretica

Crithmum maritimum  
Crucianella maritima  
Cymbalaria aequitriloba  
Cymbalaria muelleri  
Cymbalaria muralis  
Cymbalaria pilosa  
Cynoglossum magellense  
Cystopteris fragilis  
Cytisus decumbens  
Cytisus emeriflorus  
Cytisus hirsutus  
Cytisus pseudoprocumbens  
Cytisus purpureus  
Cytisus spinescens  
Daphne alpina  
Daphne cneorum  
Daphne oleoides  
Daphne petraea  
Daphne striata  
Delairea odorata  
Dianthus arrostii  
Dianthus rupicola  
Dictamnus albus  
Diplotaxis crassifolia  
Diplotaxis harra  
Dorycnium hirsutum  
Dracocephalum austriacum  
Dracocephalum ruyschiana  
Dryas octopetala  
Drypis jacquiniana  
Drypis spinosa  
Dysphania ambrosioides  
Edraianthus graminifolius  
Empetrum nigrum aggr.  
Erica carnea  
Erica cinerea  
Erica manipuliflora  
Erica sicula  
Eritrichium nanum  
Erodium alpinum  
Erodium corsicum  
Erodium glaucophyllum  
Erodium nervulosum  
Erysimum cheiri  
Euphorbia amygdaloides  
Euphorbia barrelieri  
Euphorbia biumbellata



*Euphorbia ceratocarpa*  
*Euphorbia corsica*  
*Euphorbia flavicoma*  
*Euphorbia fragifera*  
*Euphorbia gasparrinii*  
*Euphorbia myrsinites*  
*Euphorbia orientalis*  
*Euphorbia paralias*  
*Euphorbia pithyusa*  
*Euphorbia rigida*  
*Euphorbia segetalis*  
*Euphorbia spinosa*  
*Euphorbia triflora*  
*Fagonia cretica*  
*Fragaria moschata*  
*Fragaria vesca*  
*Fragaria viridis*  
*Frankenia hirsuta*  
*Frankenia hispida*  
*Frankenia intermedia*  
*Frankenia laevis*  
*Fumana arabica*  
*Fumana ericoides*  
*Fumana laevipes*  
*Fumana procumbens*  
*Fumana scoparia*  
*Fumana thymifolia*  
*Galium schmidii*  
*Genista aristata*  
*Genista cupanii*  
*Genista germanica*  
*Genista holopetala*  
*Genista januensis*  
*Genista pilosa*  
*Genista radiata*  
*Genista sagittalis*  
*Genista sericea*  
*Genista sylvestris*  
*Genista tinctoria*  
*Genista tinctoria* subsp. *ovata*  
*Genista triangularis*  
*Geum reptans*  
*Glandora rosmarinifolia*  
*Glechoma hederacea*  
*Glechoma hirsuta*  
*Glechoma sardoa*  
*Globularia cordifolia*

Globularia meridionalis  
Globularia neapolitana  
Globularia repens  
Gypsophila arrostii  
Gypsophila papillosa  
Gypsophila repens  
Halimione portulacoides  
Halocnemum strobilaceum  
Haplophyllum patavinum  
Helianthemum alpestre  
Helianthemum apenninum  
Helianthemum canum  
Helianthemum cinereum  
Helianthemum croceum  
Helianthemum hirtum  
Helianthemum jonium  
Helianthemum syriacum  
Helianthemum lunulatum  
Helianthemum nummularium  
Helianthemum oelandicum  
Helianthemum pilosum  
Helianthemum violaceum  
Helichrysum italicum  
Helichrysum nebrodense  
Helichrysum pendulum  
Helichrysum rupestre  
Helichrysum saxatile  
Helichrysum siculum  
Helichrysum stoechas  
Heliotropium amplexicaule  
Heliotropium bocconeii  
Heliotropium curassavicum  
Heliotropium suaveolens subsp. bocconeii  
Helleborus foetidus  
Helosciadium crassipes  
Herniaria fontanesii  
Hieracium bifidum  
Hieracium lucidum  
Hieracium murorum  
Hormathophylla ligustica  
Huperzia selago  
Hypericum aegypticum  
Hypericum coris  
Hyssopus officinalis  
Iberis saxatilis  
Iberis semperflorens  
Iberis sempervirens

Inula verbascifolia  
Jacobaea abrotanifolia  
Jacobaea candida  
Jacobaea gibbosa  
Jacobaea lycopifolia  
Jacobaea maritima  
Jasione orbiculata  
Jovibarba globifera  
Kickxia commutata  
Launaea fragilis  
Lavandula multifida  
Limbarda crithmoides  
Limoniastrum monopetalum  
Limonium acutifolium  
Limonium albidum  
Limonium articulatum  
Limonium bocconeii  
Limonium cosyrense  
Limonium divaricatum  
Limonium hermaeum  
Limonium inarimense  
Limonium japygicum  
Limonium laetum  
Limonium lausianum  
Limonium merxmueelleri  
Limonium morisianum  
Limonium panormitanum  
Limonium parvifolium  
Limonium remotispiculum  
Limonium tenoreanum  
Limonium tenuiculum  
Linaria capraria  
Linaria supina  
Linaria tonzigii  
Linnaea borealis  
Linum campanulatum  
Linum capitatum  
Linum suffruticosum aggr.  
Linum tenuifolium  
Loiseleuria procumbens  
Lomelosia crenata  
Lomelosia graminifolia  
Lotus collinus  
Lotus creticus  
Lotus cytisoides  
Lotus longesiliquosus  
Lomelosia cretica

Lycopodiella inundata  
Lycopodium alpinum  
Lycopodium annotinum  
Lycopodium clavatum  
Lycopodium complanatum  
Lycopodium issleri  
Lycopodium tristachyum  
Matthiola fruticulosa  
Matthiola incana  
Medicago marina  
Mentha requienii  
Mercurialis corsica  
Mesembryanthemum cordifolium  
Micromeria consentina  
Micromeria filiformis  
Micromeria graeca  
Micromeria juliana  
Micromeria marginata  
Micromeria microphylla  
Micromeria nervosa  
Minuartia austriaca  
Minuartia biflora  
Minuartia capillacea  
Minuartia cherlerioides  
Minuartia graminifolia  
Minuartia grignensis  
Minuartia laricifolia  
Minuartia recurva  
Minuartia rostrata  
Minuartia rupestris  
Minuartia sedoides  
Minuartia verna  
Minuartia villarii  
Moehringia bavarica  
Moehringia dielsiana  
Moehringia glaucovirens  
Moehringia lebrunii  
Moehringia papulosa  
Moehringia sedoides  
Moehringia tommasinii  
Moltkia suffruticosa  
Myriolimon ferulaceum  
Nepeta agrestis  
Nepeta nepetella  
Noccaea brachypetala  
Noccaea rotundifolia  
Noccaea stilosa

Noccaea sylvia  
Odontarrhena alpestris  
Odontarrhena argentea  
Odontarrhena bertolonii  
Odontarrhena corsica  
Odontarrhena nebrodensis  
Odontarrhena robertiana  
Odontites bocconeii  
Onobrychis saxatilis  
Onoclea struthiopteris  
Ononis masquillieri  
Ononis minutissima  
Ononis spinosa  
Ononis striata  
Onosma echioides  
Opuntia compressa  
Origanum onites  
Orthilia secunda  
Oxalis corniculata  
Oxytropis amethystea  
Oxytropis jacquinii  
Oxytropis lapponica  
Oxytropis pilosa  
Peganum harmala  
Phagnalon rupestre  
Phagnalon saxatile  
Phagnalon sordidum  
Phyla canescens  
Phyla nodiflora  
Phyllolepidum cyclocarpum  
Phyllolepidum cyclocarpum subsp. cyclocarpum  
Pimpinella tragium  
Plagius flosculosus  
Plantago albicans  
Plantago sempervirens  
Plantago subulata  
Plumbago europaea  
Polycarpon polycarpoides  
Polygala chamaebuxus  
Polygonum maritimum  
Polygonum romanum  
Potentilla apennina  
Potentilla caulescens  
Potentilla clusiana  
Potentilla crassinervia  
Potentilla grammopetala  
Potentilla nitida

Potentilla saxifraga  
Potentilla valderia  
Prasium majus  
Primula palinuri  
Psoralea morisiana  
Ptilostemon gnaphaloides  
Ranunculus repens  
Rhinanthus minor  
Rhinanthus personatus  
Rhodalsine geniculata  
Rhodiola rosea  
Rhodothamnus chamaecistus  
Ruscus aculeatus  
Ruscus hypoglossum  
Ruta angustifolia  
Ruta chalepensis  
Ruta corsica  
Ruta graveolens  
Ruta montana  
Salix alpina  
Salix breviserrata  
Salix daphnoides  
Salix herbacea  
Salix myrsinites  
Salix repens  
Salix reticulata  
Salix retusa  
Salpichroa organifolia  
Salpichroa rhomboidea  
Salvia canariensis  
Salvia leucantha  
Salvia officinalis  
Santolina pinnata  
Saponaria pumilio  
Sarcocornia fruticosa  
Sarcocornia perennis  
Satureja cuneifolia  
Satureja montana  
Satureja subspicata  
Satureja thymbra  
Saxifraga aphylla  
Saxifraga arachnoidea  
Saxifraga aspera  
Saxifraga berica  
Saxifraga biflora  
Saxifraga bryoides  
Saxifraga caesia

Saxifraga callosa  
Saxifraga cochlearis  
Saxifraga crustata  
Saxifraga depressa  
Saxifraga diapensioides  
Saxifraga exarata  
Saxifraga florulenta  
Saxifraga glabella  
Saxifraga italica  
Saxifraga marginata  
Saxifraga oppositifolia  
Saxifraga pedemontana  
Saxifraga porophylla  
Saxifraga presolanensis  
Saxifraga retusa  
Saxifraga squarrosa  
Saxifraga tenella  
Saxifraga tombeanensis  
Saxifraga valdensis  
Saxifraga vandellii  
Scabiosa limonifolia  
Scrophularia canina  
Scrophularia ramosissima  
Scutellaria alpina  
Sedum acre  
Sedum album  
Sedum alpestre  
Sedum amplexicaule  
Sedum brevifolium  
Sedum dasyphyllum  
Sedum magellense  
Sedum monregalense  
Sedum montanum  
Sedum ochroleucum  
Sedum rupestre  
Sedum sediforme  
Sedum sexangulare  
Sedum spurium  
Selaginella denticulata  
Selaginella helvetica  
Selaginella selaginoides  
Sempervivum arachnoideum  
Sempervivum calcareum  
Sempervivum dolomiticum  
Sempervivum grandiflorum  
Sempervivum montanum  
Sempervivum riccii

Sempervivum tectorum  
Sempervivum wulfenii  
Senecio ambiguus  
Senecio ambiguus subsp. gibbosus  
Senecio squalidus subsp. aethnensis  
Sideritis hirsuta  
Sideritis hyssopifolia  
Sideritis syriaca  
Silene acaulis  
Silene elisabethae  
Silene fruticosa  
Silene requienii  
Silene velutinoides  
Sinapis pubescens  
Spergularia media  
Spergularia rubra  
Spiraea cana  
Spiraea chamaedryfolia  
Spiraea decumbens  
Stachys corsica  
Stachys glutinosa  
Stellaria holostea  
Telephium imperati  
Teucrium chamaedrys  
Teucrium flavum  
Teucrium marum  
Teucrium massiliense  
Teucrium montanum  
Teucrium polium aggr.  
Thymbra capitata  
Thymelaea dioica  
Thymus alpestris  
Thymus herba-barona  
Thymus longicaulis  
Thymus odoratissimus  
Thymus praecox  
Thymus pulegioides  
Thymus richardii  
Thymus serpyllum  
Thymus spinulosus  
Thymus striatus  
Thymus thracicus  
Thymus vulgaris  
Trachelium caeruleum subsp. lanceolatum  
Trifolium fragiferum  
Trifolium pratense  
Trifolium repens



Vaccinium microcarpum  
Vaccinium myrtillus  
Vaccinium oxycoccos  
Vaccinium uliginosum  
Valeriana angustifolia  
Veronica allionii  
Veronica beccabunga  
Veronica bellidioides  
Veronica filiformis  
Veronica fruticans  
Veronica fruticulosa  
Veronica montana  
Veronica officinalis  
Veronica repens  
Veronica serpyllifolia  
Vinca difformis  
Vinca major  
Vinca minor  
Viola arborescens

### Continental-inland-salt-steppe-specialists

Eremopyrum orientale  
Eremopyrum triticeum  
Limonium gmelinii  
Petrosimonia brachiata  
Petrosimonia oppositifolia  
Puccinellia festuciformis  
Salicornia perennans  
Suaeda acuminata

### Crops

Allium cepa  
Allium sativum  
Anethum graveolens  
Avena sativa  
Beta vulgaris subsp. vulgaris  
Brassica napus  
Brassica oleracea  
Brassica rapa  
Capsicum annuum  
Carthamus tinctorius  
Cicer arietinum  
Citrullus lanatus  
Cucumis melo  
Cucumis sativus  
Cucurbita pepo  
Cucurbita maxima

Cynara scolymus  
Fagopyrum esculentum  
Glycine max  
Gossypium hirsutum  
Helianthus annuus  
Hordeum vulgare  
Lactuca sativa  
Lens culinaris  
Linum usitatissimum  
Nicotiana tabacum  
Papaver somniferum  
Petroselinum crispum  
Phacelia tanacetifolia  
Phaseolus vulgaris  
Pisum sativum  
Raphanus sativus  
Secale cereale  
Sesamum indicum  
Sinapis alba  
Solanum lycopersicum  
Solanum tuberosum  
Sorghum bicolor  
Triticum aestivum  
Triticum turgidum  
Vicia ervilia  
Vicia faba  
X-Triticosecale species  
Zea mays

### Cupressaceae-trees  
Juniperus drupacea  
Juniperus excelsa  
Juniperus foetidissima  
Juniperus thurifera  
Tetraclinis articulata

### Cupressus sempervirens  
Cupressus sempervirens

### Dark-taiga-trees  
Abies sibirica  
Picea abies  
Picea obovata  
Pinus sibirica

### Dry-and-wet-heath-shrubs  
Calluna vulgaris

*Erica ciliaris*  
*Erica mackaiana*  
*Erica vagans*  
*Genista anglica*  
*Genista micrantha*  
*Ulex minor*

### Dry-heath-shrubs

*Daboecia cantabrica*  
*Empetrum nigrum* aggr.  
*Erica andevalensis*  
*Erica australis*  
*Erica cinerea*  
*Erica scoparia*  
*Erica umbellata*  
*Genista germanica*  
*Genista pilosa*  
*Genista triacanthos*  
*Genista tridens*  
*Genista tridentata*  
*Ulex boivinii*  
*Ulex europaeus*  
*Ulex gallii*  
*Ulex micranthus*  
*Ulex parviflorus*  
*Vaccinium myrtillus*  
*Vaccinium vitis-idaea*

### Dryas

*Dryas integrifolia*  
*Dryas octopetala*

### Dwarf-shrubs

*Antirrhinum latifolium*  
*Antirrhinum siculum*  
*Arctostaphylos alpinus*  
*Arctostaphylos uva-ursi*  
*Asparagus aphyllus*  
*Astracantha caspica*  
*Astracantha caucasica*  
*Astracantha condensata*  
*Astracantha cretica*  
*Astracantha echinus*  
*Astracantha nebrodensis*  
*Astracantha parnassi* subsp. *cyllenea*  
*Astracantha parnassi* subsp. *parnassi*  
*Astracantha erinacea*

Astracantha rumelica  
Astracantha sicula  
Astracantha thracica  
Astragalus sempervirens  
Astragalus sirinicus  
Ballota frutescens  
Ballota hispanica  
Ballota pseudodictamnus  
Bruckenthalia spiculifolia  
Calluna vulgaris  
Camphorosma monspeliaca  
Cassiope hypnoides  
Cassiope tetragona  
Centaurea horrida  
Cephalaria squamiflora  
Chamaedaphne calyculata  
Cistus palhinhae  
Convolvulus cneorum  
Convolvulus oleifolius  
Coronilla valentina  
Daboecia azorica  
Daboecia cantabrica  
Daphne alpina  
Daphne arbuscula  
Daphne oleoides  
Diapensia lapponica  
Dryas integrifolia  
Dryas octopetala  
Dryas punctata  
Echinopartum horridum  
Empetrum nigrum aggr.  
Ephedra distachya  
Erica carnea  
Erica ciliaris  
Erica cinerea  
Erica erigena  
Erica mackaiana  
Erica maderensis  
Erica tetralix  
Erica vagans  
Euphorbia paralias  
Genista anglica  
Genista aspalathoides  
Genista ephedroides  
Genista lydia  
Genista micrantha  
Genista pilosa

Genista salzmannii  
Genista tridentata  
Halimione portulacoides  
Helianthemum lippii  
Hypericum aegypticum  
Krascheninnikovia ceratoides  
Launaea fragilis  
Lavandula angustifolia  
Lavandula multifida  
Lembotropis nigricans  
Limoniastrum monopetalum  
Linaria capraria  
Loiseleuria procumbens  
Lomelosia cretica  
Odontites bocconeii  
Phyllodoce caerulea  
Prasium majus  
Prunus prostrata  
Ptilostemon gnaphaloides  
Putoria calabrica  
Rhamnus saxatilis  
Rhododendron caucasicum  
Rhododendron ferrugineum  
Rhododendron hirsutum  
Rhododendron lapponicum  
Rhododendron myrtifolium  
Rhododendron tomentosum  
Rhododendron chamaecistus  
Rosa gallica  
Rosa spinosissima  
Salix alpina  
Salix breviserrata  
Salix herbacea  
Salix herbacea x polaris  
Salix kazbekensis  
Salix myrtilloides  
Salix nummularia  
Salix polaris  
Salix repens  
Salix reptans  
Salix reticulata  
Salix retusa  
Salix retusa aggr.  
Salix serpyllifolia  
Salix sphenophylla  
Santolina corsica  
Satureja cuneifolia

Satureja thymbra  
Stachys glutinosa  
Thymelaea dioica  
Ulex gallii  
Ulex minor  
Vaccinium myrtillus  
Vaccinium uliginosum  
Vaccinium vitis-idaea

### E-Mediterranean-mountain-thorny-cushion-shrubs

Acantholimon ulicinum  
Astracantha caspica  
Astracantha caucasica  
Astracantha condensata  
Astracantha cretica  
Astracantha echinus  
Astracantha parnassi subsp. cyllenea  
Astracantha parnassi subsp. parnassi  
Astracantha erinacea  
Astracantha rumelica  
Astracantha thracica  
Astragalus angustifolius  
Astragalus sirinicus  
Berberis cretica  
Verbascum spinosum

### E-garrigue-herbs

Alyssum tenium  
Alyssum umbellatum  
Asparagus aphyllus  
Astragalus spruneri  
Atractylis cancellata  
Ballota acetabulosa  
Ballota pseudodictamnus  
Biarum tenuifolium  
Carlina gummifera  
Centaurea acicularis  
Centaurea spinosa  
Centaurium triphyllum  
Convolvulus althaeoides  
Convolvulus betonicifolius  
Drimia numidica  
Drimia maritima  
Convolvulus oleifolius  
Cuscuta planiflora  
Cytisus lanigerus  
Fumana arabica

Fumana laevis  
Genista sylvestris  
Helianthemum siccanorum  
Hypericum empetrifolium  
Hypericum olympicum  
Iris adriatica  
Iris tuberosa  
Lactuca tuberosa  
Linum pubescens  
Lotus tetraphyllus  
Micromeria graeca  
Micromeria juliana  
Micromeria myrtifolia  
Micromeria nervosa  
Neotinea lactea  
Odontarrhena euboea  
Odontarrhena obtusifolia  
Ophrys bombyliflora  
Ophrys scolopax  
Ophrys speculum  
Ophrys sphegodes  
Ophrys tenthredinifera  
Orchis italica  
Orchis quadripunctata  
Origanum onites  
Paronychia bornmuelleri  
Paronychia macrosepala  
Petrorhagia armerioides  
Petrorhagia cretica  
Petrorhagia fasciculata  
Petrorhagia obcordata  
Phagnalon rupestre  
Ranunculus cupreus  
Ranunculus gracilis  
Ranunculus isthmicus  
Reseda stricta  
Satureja obovata  
Satureja thymbra  
Sideritis arborescens  
Sideritis spinulosa  
Silene corinthiaca  
Silene cretica  
Silene laconica  
Silene sieberi  
Stachys cretica  
Stachys spinosa  
Teucrium alpestre

Teucrium brevifolium  
Teucrium divaricatum  
Teucrium dunense  
Teucrium microphyllum  
Thymelaea pubescens  
Thymelaea velutina  
Trifolium physodes  
Vicia cretica  
Viola scorpiuroides

### E-garrigue-shrubs

Cistus parviflorus  
Cytisus eriocarpus  
Cytisus fontanesii  
Ebenus cretica  
Erica manipuliflora  
Phlomis cretica  
Phlomis fruticosa  
Phlomis lanata  
Salvia fruticosa  
Salvia pomifera

### R11-Pannonian-and-Pontic-sandy-steppe-specialists

Festuca beckeri  
Festuca vaginata  
Festuca wagneri

### R15-Continental-dry-rocky-steppic-grassland-and-dwarf-scrub-  
on-chalk-outcrops-specialists

Allium sphaeropodum  
Artemisia hololeuca  
Artemisia nutans  
Artemisia salsoloides  
Asperula tephrocarpa  
Astragalus albicaulis  
Brassica elongata subsp. pinnatifida  
Diplotaxis cretacea  
Euphorbia petrophila  
Jurinea arachnoidea  
Koeleria talievii  
Linum ucranicum  
Polygala cretacea  
Scrophularia cretacea  
Silene cretacea  
Silene supina  
Thymus calcareus



### R1B-Continental-dry-grassland-true-steppe-specialists

Artemisia austriaca  
Artemisia pontica  
Astragalus dasyanthus  
Astragalus exscapus  
Astragalus subuliformis  
Bromopsis riparia  
Carex supina  
Crambe tataria  
Festuca valesiaca  
Galatella villosa  
Goniolimon besseranum  
Goniolimon collinum  
Goniolimon tataricum  
Inula oculus-christi  
Iris pumila  
Jurinea arachnoidea  
Jurinea mollis  
Jurinea stoechadifolia  
Koeleria brevis  
Nepeta ucranica  
Paeonia tenuifolia  
Phlomis herba-venti  
Salvia aethiopis  
Salvia austriaca  
Salvia nutans  
Stipa anomala  
Stipa capillata  
Stipa dasyphylla  
Stipa korshinskyi  
Stipa pulcherrima  
Stipa ucrainica  
Stipa zalesskii  
Taraxacum serotinum

### R1E-Mediterranean-tall-perennial-dry-grassland-specialists

Andropogon distachyos  
Brachypodium boissieri  
Brachypodium retusum  
Festuca capillifolia  
Festuca scariosa  
Helictochloa bromoides  
Helictotrichon filifolium  
Heteropogon contortus  
Hyparrhenia hirta  
Hyparrhenia sinaica  
Lygeum spartum

Macrochloa tenacissima  
Stipa barbata  
Stipa cazorlensis  
Stipa iberica  
Stipa juncea  
Stipa lagascae  
Stipa offneri  
Stipa parviflora  
Stipa pauneroana  
Trisetum velutinum

### R1G-Iberian-oromediterranean-siliceous-dry-grassland-  
specialists

Agrostis tileni  
Androsace rioxana  
Armeria caespitosa  
Armeria duriaei  
Artemisia granatensis  
Dianthus langeanus  
Erigeron frigidus  
Eryngium glaciale  
Festuca clementei  
Festuca indigesta  
Festuca pseudeskia  
Herniaria boissieri  
Hormathophylla purpurea  
Leucanthemopsis flaveola  
Luzula caespitosa  
Luzula spicata subsp. nevadensis  
Pilosella vahlia  
Potentilla nevadensis  
Sideritis glacialis  
Silene ciliata  
Teesdalia conferta  
Trisetum glaciale

### R1H-Iberian-oromediterranean-basiphilous-dry-grassland-  
specialists

Astragalus tremolsianus  
Draba hispanica  
Erodium cazorlanum  
Erodium daucoides  
Erodium glandulosum  
Festuca altopyrenaica  
Festuca burnatii  
Festuca hystrix  
Festuca liviense

*Festuca marginata* subsp. *andres-molinae*  
*Festuca nevadensis*  
*Festuca ochroleuca*  
*Onobrychis pyrenaica*  
*Saponaria caespitosa*  
*Saxifraga conifera*  
*Sideritis glacialis*

### R1J-Cyrno-Sardean-oromediterranean-siliceous-dry-grassland-  
specialists

*Armeria multiceps*  
*Armeria sardo*  
*Cerastium soleirolii*  
*Festuca morisiana*  
*Pilosella soleiroliana*

### R1K-Balkan-and-Anatolian-oromediterranean-dry-grassland-  
specialists

*Beta nana*  
*Corydalis blanda* subsp. *parnassica*  
*Herniaria parnassica*  
*Poa pumila*  
*Ranunculus sartorianus*  
*Trifolium heldreichianum*  
*Trifolium parnassii*

### R1L-Madeiran-oromediterranean-siliceous-dry-grassland-  
specialists

*Anthoxanthum maderense*  
*Anthyllis lemmaniana*  
*Festuca jubata*  
*Holcus pintodasilvae*  
*Micromeria varia* subsp. *thymoides*  
*Orchis mascula* subsp. *scopulorum*  
*Parafestuca albida*  
*Rumex bucephalophorus* subsp. *canariensis*

### R1N-Open-Iberian-supramediterranean-dry-acid-and-neutral-  
grassland-specialists

*Arenaria armerina*  
*Armeria caballeroi*  
*Armeria ciliata*  
*Armeria eriophylla*  
*Armeria langei*  
*Armeria merinoi*  
*Armeria trachyphylla*  
*Armeria transmontana*

Bufonia macropetala  
Centaurea borjajae  
Centaurea toletana  
Dianthus laricifolius  
Erodium foetidum  
Erysimum nevadense aggr.  
Festuca brigantina  
Festuca gredensis  
Festuca longiauriculata  
Festuca rivas-martinezii  
Festuca summilusitana  
Herniaria scabrida  
Leucanthemopsis pallida  
Leucanthemopsis pulverulenta  
Ornithogalum concinnum  
Ortegia hispanica  
Pilosella castellana  
Reseda virgata  
Sagina merinoi  
Silene legionensis  
Thymus bracteatus

### R1Q-Inland-sanddrift-and-dune-with-siliceous-grassland-  
specialists

Carex arenaria  
Corynephorus canescens

### R1S-Heavy-metal-grassland-in-Western-and-Central-Europe-  
specialists

Armeria alpina subsp. halleri  
Festuca ovina subsp. ophioliticola  
Thlaspi caerulescens subsp. calaminare  
Viola calaminaria  
Viola guestphalica

### R23-Mountain-hay-meadow-specialists

Arabidopsis halleri  
Astrantia major  
Bistorta vivipara  
Cirsium heterophyllum  
Crepis pyrenaica  
Crocus vernus  
Geranium sylvaticum aggr.  
Knautia nevadensis  
Meum athamanticum  
Muscari botryoides  
Narcissus poeticus

Phleum alpinum aggr.  
Phyteuma halleri  
Phyteuma spicatum  
Pimpinella serbica  
Poa chaixii  
Rhinanthus mediterraneus  
Viola cornuta

### R24-Iberian-summer-pasture-vallicar-specialists

Agrostis castellana  
Anthoxanthum ovatum  
Celtica gigantea  
Festuca ampla  
Festuca elegans  
Holcus annuus  
Molineriella minuta  
Periballia involucreta

### R31-Mediterranean-tall-humid-inland-grassland-specialists

Carex mairei  
Cirsium monspessulanum  
Cirsium pyrenaicum  
Cochlearia glastifolia  
Cochlearia megalosperma  
Cyperus eragrostis  
Dittrichia viscosa  
Dorycnium hirsutum  
Dorycnium rectum  
Euphorbia hirsuta  
Hypericum caprifolium  
Hypericum pubescens  
Hypericum tomentosum  
Imperata cylindrica  
Juncus striatus  
Linum tenue  
Lysimachia ephemerum  
Melilotus indica  
Peucedanum hispanicum  
Phalaris aquatica  
Ranunculus granatensis  
Ranunculus macrophyllus  
Serapias vomeracea aggr.  
Sonchus maritimus  
Succisella andreae-molinae  
Thalictrum speciosissimum

### R32-Mediterranean-short-moist-grassland-of-lowlands-  
specialists

*Deschampsia media*  
*Jasonia tuberosa*  
*Leontodon hirtus*  
*Prunella hyssopifolia*

### R33-Mediterranean-short-moist-grassland-of-mountains-  
specialists

*Armeria splendens*  
*Campanula herminii*  
*Festuca iberica*  
*Festuca rothmaleri*  
*Gentiana boryi*  
*Narcissus bulbocodium*  
*Plantago nivalis*  
*Poa legionensis*  
*Potentilla asturica*  
*Potentilla nevadensis*  
*Ranunculus abnormis*  
*Ranunculus acetosellifolius*  
*Scorzoneroides carpetana*

### R34-Submediterranean-moist-meadow-specialists

*Alopecurus rendlei*  
*Bellevalia romana*  
*Colchicum lusitanum*  
*Crepis setosa*  
*Moenchia mantica*  
*Oenanthe peucedanifolia*  
*Ornithogalum collinum*  
*Ranunculus marginatus*  
*Ranunculus velutinus*  
*Scilla litardierei*  
*Trifolium cinctum*  
*Trifolium pallidum*  
*Trifolium resupinatum*

### R41-Snow-bed-vegetation-specialists

*Achillea clusiana*  
*Achillea lingulata*  
*Alchemilla fissa*  
*Alchemilla pentaphyllea*  
*Alchemilla subsericea*  
*Arabis caerulea*  
*Carex norvegica*  
*Dianthus microlepis*

Gnaphalium hoppeanum  
Ranunculus crenatus  
Ranunculus glacialis  
Ranunculus nivalis  
Ranunculus pygmaeus  
Ranunculus sulphureus  
Salix herbacea  
Salix polaris  
Saxifraga androsacea  
Saxifraga cernua  
Saxifraga oppositifolia  
Sibbaldia procumbens  
Soldanella alpina  
Soldanella carpatica  
Soldanella minima

### R42-Boreal-and-arctic-acidophilous-alpine-grassland-  
specialists

Alchemilla glomerulans  
Cassiope hypnoides  
Vahlodea atropurpurea

### R43-Temperate-acidophilous-alpine-grassland-specialists

Agrostis rupestris  
Androsace carnea  
Bellardiochloa variegata  
Campanula alpina  
Campanula scheuchzeri  
Carex curvula  
Carex foetida  
Festuca airoides  
Festuca eskia  
Gentiana alpina  
Geum montanum  
Helictochloa versicolor  
Luzula pediformis  
Minuartia recurva  
Oreochloa disticha  
Scorzoneroides cantabrica  
Scorzoneroides pyrenaica

### R44-Arctic-alpine-calcareous-grassland-specialists

Achillea clavennae  
Androsace chamaejasme  
Androsace villosa  
Androsace vitaliana  
Astragalus alpinus

Astragalus frigidus  
Astragalus penduliflorus  
Bartsia alpina  
Bellidiastrum michelii  
Campanula thyrsoides  
Carex baldensis  
Carex ferruginea  
Carex firma  
Carex mucronata  
Carex sempervirens  
Dactylorhiza viridis  
Draba aizoides  
Dryas octopetala  
Festuca versicolor  
Galium anisophyllum  
Gentiana clusii  
Gentiana nivalis  
Gentiana verna  
Gymnadenia nigra aggr.  
Jacobaea abrotanifolia  
Kobresia myosuroides  
Kobresia simpliciuscula  
Leontopodium nivale  
Myosotis alpestris  
Oxytropis campestris  
Oxytropis halleri  
Pulsatilla alpina  
Ranunculus thora  
Rhinanthus gracilis  
Saussurea alpina  
Saxifraga caesia  
Sesleria coerulans  
Stachys alopecuroides  
Thesium alpinum  
Veronica aphylla

### R45-Alpine-and-subalpine-calcareous-grassland-of-the-Balkans-  
and-Appennines-specialists

Achillea holosericea  
Astragalus mayeri  
Asyneuma limonifolium  
Carex kitaibeliana  
Sesleria nitida  
Trinia dalechampii

### R51-Thermophilous-woodland-fringe-of-base-rich-soils-  
specialists



Aegonychon purpurocaeruleum  
Dictamnus albus  
Geranium sanguineum  
Iris variegata  
Melampyrum cristatum  
Melittis melissophyllum  
Origanum vulgare  
Paeonia mascula  
Paeonia officinalis  
Peucedanum cervaria  
Polygonatum odoratum  
Tanacetum corymbosum  
Trifolium medium  
Vicia dumetorum  
Vicia pisiformis  
Vicia sylvatica  
Vincetoxicum hirsutum

### R52-Woodland-fringe-of-acidic-nutrient-poor-soils-specialists

Hypericum pulchrum  
Lathyrus linifolius  
Melampyrum pratense  
Melampyrum sylvaticum  
Teucrium scorodonia  
Vicia orobus

### R53-Macaronesian-thermophilous-woodland-fringe-specialists

Ammi huntii  
Ammi trifoliatum  
Angelica lignescens  
Chaerophyllum azoricum  
Dactylorhiza foliosa  
Geranium palmatum  
Geranium reuteri  
Lactuca watsoniana  
Myosotis latifolia  
Pericallis appendiculata  
Pericallis aurita  
Pericallis cruenta  
Pericallis echinata  
Pericallis malvifolia  
Pericallis tussilaginis  
Pimpinella dendrotragium  
Ranunculus cortusifolius  
Rumex maderensis  
Scrophularia smithii  
Teucrium francoi

*Viola paradoxa*

- ### Erico-Pinetea-species
  - Amelanchier ovalis*
  - Aremonia agrimonoides*
  - Buphthalmum salicifolium*
  - Calamagrostis varia*
  - Carduus defloratus* aggr.
  - Carex alba*
  - Carex ornithopoda*
  - Clinopodium alpinum*
  - Coronilla vaginalis*
  - Daphne cneorum*
  - Daphne oleoides*
  - Epipactis atrorubens*
  - Erica carnea*
  - Eryngium amethystinum*
  - Festuca amethystina*
  - Galium anisophyllum*
  - Galium austriacum*
  - Galium lucidum*
  - Globularia cordifolia*
  - Hieracium bifidum*
  - Hippocrepis emerus*
  - Laserpitium latifolium*
  - Laserpitium siler*
  - Leontodon incanus*
  - Noccaea montana*
  - Polygala amara*
  - Polygala chamaebuxus*
  - Polygala nicaeensis* aggr.
  - Rhamnus saxatilis*
  - Scabiosa lucida*
  - Sesleria robusta*
  - Sorbus aria* aggr.
  - Teucrium montanum*
  - Thesium alpinum*
  - Thymus longicaulis*
  
- ### *Fagus-sylvatica-orientalis*
  - Fagus sylvatica*
  - Fagus orientalis*
  
- ### Floodplain-hardwood-trees
  - Fraxinus angustifolia*
  - Fraxinus excelsior*
  - Fraxinus pallisiae*

Quercus robur  
Ulmus laevis  
Ulmus minor

### Forest-clearing-trees-and-shrubs

Salix caprea  
Sambucus racemosa  
Sorbus aucuparia

### Fraxinus excelsior  
Fraxinus excelsior

### Garrigue-and-micro-garrigue-species

Alyssoides utriculata  
Alyssum diffusum  
Aphyllanthes monspeliensis  
Arenaria arcuatociliata  
Arenaria vitoriana  
Armeria sardoa  
Artemisia alba  
Asperula purpurea  
Astragalus clusianus  
Camphorosma monspeliaca  
Cistus creticus  
Cistus monspeliensis  
Coris monspeliensis  
Coronilla minima  
Coronilla valentina  
Cytisus spinescens  
Echinopartum boissieri  
Erysimum fitzii  
Euphorbia myrsinites  
Euphorbia spinosa  
Fumana ericoides  
Fumana procumbens  
Fumana thymifolia  
Genista cinerea  
Genista desoleana  
Genista eliassennenii  
Genista hispanica  
Genista januensis  
Genista lobelii  
Genista michelii  
Genista pseudopilosa  
Genista pulchella  
Genista salzmännii  
Genista scorpius

Genista teretifolia  
Genista versicolor  
Globularia meridionalis  
Helianthemum apenninum  
Helianthemum canum  
Helianthemum hirtum  
Helianthemum italicum  
Helianthemum marifolium  
Helianthemum rossmaessleri  
Helichrysum stoechas  
Hypericum coris  
Hyssopus officinalis  
Lavandula angustifolia  
Lavandula latifolia  
Linum campanulatum  
Linum suffruticosum aggr.  
Matthiola fruticulosa  
Minuartia laricifolia  
Odontarrhena bertolonii  
Phagnalon rupestre  
Phagnalon saxatile  
Phlomis crinita  
Phlomis fruticosa  
Salvia blancoana  
Salvia officinalis  
Salvia phlomoides  
Santolina chamaecyparissus aggr.  
Satureja intricata  
Satureja montana  
Sideritis flaviflora  
Sideritis laxispicata  
Sideritis pungens  
Sideritis pungens subsp. javalambrensis  
Sideritis pungens subsp. pungens  
Sideritis syriaca  
Staehelina dubia  
Teucrium aragonense  
Teucrium expassum  
Teucrium leonis  
Teucrium luteum subsp. contortostylum  
Teucrium montanum  
Teucrium polium aggr.  
Teucrium similatum  
Teucrium webbianum  
Thymbra capitata  
Thymelaea pubescens  
Thymus clandestinus

Thymus longicaulis  
Thymus loscosii  
Thymus mastigophorus  
Thymus membranaceus  
Thymus orospedanus  
Thymus striatus  
Thymus vulgaris  
Thymus zygis

### Genistoid-shrubs

Adenocarpus anisochilus  
Adenocarpus brutius  
Adenocarpus complicatus  
Adenocarpus decorticans  
Adenocarpus hispanicus  
Adenocarpus telonensis  
Adenocarpus viscosus  
Cytisus arboreus  
Cytisus cantabricus  
Cytisus commutatus  
Cytisus grandiflorus  
Cytisus ingramii  
Cytisus multiflorus  
Cytisus scoparius  
Cytisus striatus  
Cytisus villosus  
Genista cinerascens  
Genista falcata  
Genista florida  
Genista hystrix  
Genista linifolia  
Genista monspessulana  
Genista obtusiramea  
Genista polyanthos  
Genista spartioides  
Genista umbellata  
Retama monosperma  
Retama sphaerocarpa

### Gypsophilous-dwarf-shrubs

Arenaria cavanillesiana  
Astragalus alopecuroides subsp. grosii  
Carthamus hispanicus subsp. araneosus  
Centaurea hyssopifolia  
Coris hispanica  
Euphorbia minuta subsp. moleroi  
Gypsophila bermejoi

Gypsophila struthium  
Helianthemum alypoides  
Helianthemum marifolium subsp. conquense  
Helianthemum squamatum  
Herniaria fruticosa  
Jurinea pinnata  
Koeleria castellana  
Launaea pumila  
Lepidium subulatum  
Ononis tridentata  
Reseda stricta  
Reseda suffruticosa  
Reaumuria vermiculata  
Rosmarinus eriocalyx  
Santolina viscosa  
Teucrium balthazaris  
Teucrium carolipau subsp. fontqueri  
Teucrium lepicephalum  
Teucrium libanitis  
Teucrium pumilum  
Teucrium turredanum  
Thymus lacaitae  
Vella aspera  
Vella pseudocytisus

### Gypsophilous-herbs

Allosorus persicus  
Artemisia pedemontana  
Astragalus alopecuroides subsp. grosii  
Astragalus caprinus subsp. huetii  
Brassica repanda subsp. gypsicola  
Campanula fastigiata  
Carthamus hispanicus subsp. araneosus  
Centaurium triphyllum  
Chaenorhinum grandiflorum  
Chaenorhinum reyesii  
Chaenorhinum rubrifolium  
Clypeola eriocarpa  
Ctenopsis delicatula  
Ctenopsis gypsophila  
Diplotaxis harra  
Erodium laciniatum  
Ferula loscosii  
Koeleria castellana  
Lepidium cardamines  
Limonium catanzaroi  
Limonium optimae

Odontites longiflora  
Sedum gypsicola  
Trisetaria loeflingiana  
Ziziphora hispanica

### Hemicryptophytes

Acanthus mollis  
Acanthus spinosus  
Achillea ageratum  
Achillea barrelieri  
Achillea distans  
Achillea ligustica  
Achillea macrophylla  
Achillea millefolium aggr.  
Achillea nana  
Achillea nobilis  
Achillea oxyloba  
Achillea ptarmica  
Achillea setacea  
Achillea tomentosa  
Achillea virescens  
Achnatherum bromoides  
Achnatherum calamagrostis  
Aconitum lycoctonum  
Adenophora lilifolia  
Adenostyles alliariae  
Adenostyles alpina  
Adenostyles australis  
Adenostyles leucophylla  
Adonis distorta  
Adonis vernalis  
Aegonychon purpureocaeruleum  
Aethionema thomasianum  
Agrimonia eupatoria  
Agrimonia procera  
Agropyron cristatum  
Agrostis alpina  
Agrostis canina  
Agrostis capillaris  
Agrostis castellana  
Agrostis gigantea  
Agrostis rupestris  
Agrostis schleicheri  
Ajuga genevensis  
Ajuga orientalis  
Ajuga pyramidalis  
Alcea biennis

*Alcea ficifolia*  
*Alcea rosea*  
*Alcea setosa*  
*Alchemilla acutidens*  
*Alchemilla alpigena*  
*Alchemilla alpina*  
*Alchemilla chirophylla*  
*Alchemilla cinerea*  
*Alchemilla colorata*  
*Alchemilla compta*  
*Alchemilla conjuncta*  
*Alchemilla connivens*  
*Alchemilla coriacea*  
*Alchemilla crinita*  
*Alchemilla decumbens*  
*Alchemilla demissa*  
*Alchemilla effusa*  
*Alchemilla exigua*  
*Alchemilla fallax*  
*Alchemilla filicaulis*  
*Alchemilla fissa*  
*Alchemilla fissimima*  
*Alchemilla flabellata*  
*Alchemilla flaccida*  
*Alchemilla flavovirens*  
*Alchemilla frigens*  
*Alchemilla glabra*  
*Alchemilla glacialis*  
*Alchemilla glaucescens*  
*Alchemilla glomerulans*  
*Alchemilla grossidens*  
*Alchemilla helvetica*  
*Alchemilla heteropoda*  
*Alchemilla hirtipes*  
*Alchemilla illyrica*  
*Alchemilla impexa*  
*Alchemilla incisa*  
*Alchemilla inconcinna*  
*Alchemilla jucunda*  
*Alchemilla lineata*  
*Alchemilla longiuscula*  
*Alchemilla marsica*  
*Alchemilla monticola*  
*Alchemilla nitida*  
*Alchemilla obtusa*  
*Alchemilla opaca*  
*Alchemilla pallens*



Alchemilla pentaphyllea  
Alchemilla reniformis  
Alchemilla saxatilis  
Alchemilla schmidelyana  
Alchemilla semisecta  
Alchemilla sinuata  
Alchemilla straminea  
Alchemilla strigosula  
Alchemilla subcrenata  
Alchemilla subsericea  
Alchemilla tenuis  
Alchemilla tirolensis  
Alchemilla transiens  
Alchemilla trunciloba  
Alchemilla undulata  
Alchemilla vaccariana  
Alchemilla versipila  
Alchemilla vetteri  
Alchemilla vulgaris aggr.  
Alchemilla xanthochlora  
Alkanna tinctoria  
Alkanna tuberculata  
Alliaria petiolata  
Allosorus acrosticus  
Allosorus guanchicus  
Allosorus persicus  
Allosorus pteridioides  
Allosorus tinaei  
Alopecurus aequalis  
Alopecurus arundinaceus  
Alopecurus bulbosus  
Alopecurus geniculatus  
Alopecurus gerardi  
Alopecurus pratensis  
Althaea cannabina  
Althaea officinalis  
Amaranthus muricatus  
Ampelodesmos mauritanicus  
Anagallis crassifolia  
Anagallis monelli  
Anagallis tenella  
Anarrhinum bellidifolium  
Anarrhinum corsicum  
Anchusa azurea  
Anchusa crispa  
Anchusa hybrida  
Anchusa ochroleuca

Anchusa officinalis  
Anchusa undulata  
Androsace adfinis subsp. brigantiaca  
Androsace adfinis subsp. puberula  
Androsace carnea  
Androsace obtusifolia  
Anemone baldensis  
Anemone sylvestris  
Angelica archangelica  
Angelica sylvestris  
Anthemis cretica  
Anthemis maritima  
Anthoxanthum odoratum aggr.  
Anthriscus nemorosa  
Anthriscus nitidus  
Anthriscus sylvestris  
Anthyllis vulneraria  
Aphyllanthes monspeliensis  
Apium graveolens  
Aposeris foetida  
Aquilegia alpina  
Aquilegia atrata  
Aquilegia barbaricina  
Aquilegia bernardii  
Aquilegia bertolonii  
Aquilegia einseleana  
Aquilegia nigricans  
Aquilegia ottonis  
Aquilegia thalictrifolia  
Aquilegia viscosa  
Aquilegia vulgaris  
Arabidopsis arenosa  
Arabidopsis halleri  
Arabidopsis petraea  
Arabis allionii  
Arabis alpina  
Arabis caerulea  
Arabis ciliata  
Arabis collina  
Arabis glabra  
Arabis hirsuta  
Arabis pedemontana  
Arabis planisiliqua  
Arabis sagittata  
Arabis serpillifolia  
Arabis serpillifolia subsp. nivalis  
Arabis soyeri

Arabis surculosa  
Arabis vochinensis  
Arctium lappa  
Arctium minus  
Arctium nemorosum  
Arctium tomentosum  
Aremonia agrimonoides  
Arenaria marschlinzii  
Armeria alpina  
Armeria arenaria  
Armeria canescens  
Armeria denticulata  
Armeria gussonei  
Armeria helodes  
Armeria macropoda  
Armeria marginata  
Armeria maritima  
Armeria morisii  
Armeria seticeps  
Arnica montana  
Arrhenatherum elatius  
Artemisia campestris  
Artemisia vulgaris  
Aruncus dioicus  
Asperula aristata  
Asperula cynanchica  
Asperula hexaphylla  
Asperula laevigata  
Asperula neglecta  
Asperula nitens  
Asperula rupicola  
Asperula tinctoria  
Asphodelus fistulosus  
Asphodelus tenuifolius  
Asplenium adiantum-nigrum  
Asplenium adiantum-nigrum subsp. onopteris  
Asplenium adiantum-nigrum subsp. serpentini  
Asplenium adulterinum  
Asplenium ceterach  
Asplenium fissum  
Asplenium fontanum  
Asplenium lepidum  
Asplenium marinum  
Asplenium obovatum  
Asplenium petrarchae  
Asplenium ruta-muraria  
Asplenium sagittatum

Asplenium scolopendrium  
Asplenium seelosii  
Asplenium septentrionale  
Asplenium trichomanes  
Asplenium viride  
Aster alpinus  
Aster amellus  
Aster novi-belgii subsp. laevigatus  
Aster novi-belgii x lanceolatus  
Aster vimineus  
Aster x salignus  
Astragalus alopecurus  
Astragalus alpinus  
Astragalus aquilanus  
Astragalus australis  
Astragalus caprinus subsp. huetii  
Astragalus centralpinus  
Astragalus cicer  
Astragalus danicus  
Astragalus depressus  
Astragalus exscapus  
Astragalus frigidus  
Astragalus hypoglottis subsp. hypoglottis  
Astragalus leontinus  
Astragalus maritimus  
Astragalus monspessulanus  
Astragalus muelleri  
Astragalus odoratus  
Astragalus onobrychis  
Astragalus penduliflorus  
Astragalus verrucosus  
Astragalus vesicarius  
Astrantia bavarica  
Astrantia carniolica  
Astrantia major  
Astrantia minor  
Astrantia pauciflora  
Asyneuma limonifolium  
Athamanta cortiana  
Athamanta cretensis  
Athamanta ramosissima  
Athamanta sicula  
Athamanta turbith  
Athamanta vestina  
Athyrium distentifolium  
Aurinia petraea  
Avenella flexuosa

Avenula pubescens  
Avenula versicolor  
Ballota nigra  
Barbarea arcuata  
Barbarea bracteosa  
Barbarea intermedia  
Barbarea sicula  
Barbarea stricta  
Barbarea verna  
Barbarea vulgaris  
Bartsia alpina  
Bellardiochloa variegata  
Bellidiastrum michelii  
Bellis perennis  
Bellis pusilla  
Bellis sylvestris  
Bellium bellidioides  
Bellium nivale  
Berteroa incana  
Berteroa mutabilis  
Berteroa obliqua  
Beta trigyna  
Beta vulgaris subsp. maritima  
Biscutella ambigua  
Biscutella coronopifolia  
Biscutella intricata  
Biscutella laevigata  
Biscutella maritima  
Biscutella pinnatifida  
Biscutella raphanifolia  
Biscutella rotgesii  
Bituminaria bituminosa  
Blechnum spicant  
Blitum bonus-henricus  
Boehmeria nivea  
Bonannia graeca  
Borago pygmaea  
Bothriochloa ischaemum  
Bothriochloa pertusa  
Brachypodium phoenicoides  
Brachypodium pinnatum  
Brachypodium retusum  
Brachypodium rupestre  
Brachypodium sylvaticum  
Brassica fruticulosa  
Brassica glabrescens  
Brassica repanda

Braya alpina  
Briza media  
Bromopsis erecta  
Bromopsis inermis  
Bromopsis pannonica  
Bromopsis ramosa aggr.  
Bromus erectus subsp. stenophyllus  
Bubon macedonicum  
Bunias orientalis  
Bupleurum elatum  
Bupleurum falcatum  
Bupleurum petraeum  
Bupleurum ranunculoides  
Bupleurum rigidum  
Bupleurum stellatum  
Cachrys cristata  
Cachrys libanotis  
Cachrys pungens  
Cachrys sicula  
Calamagrostis arundinacea  
Calamagrostis canescens  
Calamagrostis epigejos  
Calamagrostis pseudophragmites  
Calamagrostis varia  
Calamagrostis villosa  
Callianthemum coriandrifolium  
Caltha palustris  
Calystegia sepium  
Calystegia silvatica  
Camelina microcarpa  
Camelina rumelica  
Camelina sativa  
Campanula albicans  
Campanula alpestris  
Campanula barbata  
Campanula bononiensis  
Campanula carnica  
Campanula cenisia  
Campanula cervicaria  
Campanula cochleariifolia  
Campanula elatines  
Campanula elatinoides  
Campanula excisa  
Campanula foliosa  
Campanula forsythii  
Campanula garganica  
Campanula glomerata

Campanula latifolia  
Campanula lingulata  
Campanula medium  
Campanula morettiana  
Campanula patula  
Campanula persicifolia  
Campanula petraea  
Campanula pyramidalis  
Campanula raineri  
Campanula rapunculoides  
Campanula rapunculus  
Campanula rhomboidalis  
Campanula rotundifolia  
Campanula sabatia  
Campanula scheuchzeri  
Campanula sibirica  
Campanula spicata  
Campanula thyrsoides  
Campanula tommasiniana  
Campanula trachelium  
Campanula trichocalycina  
Campanula versicolor  
Campanula zoysii  
Cardamine amara  
Cardamine asarifolia  
Cardamine bellidifolia  
Cardamine flexuosa  
Cardamine matthioli  
Cardamine pratensis  
Cardamine pratensis subsp. granulosa  
Cardamine raphanifolia  
Cardamine resedifolia  
Cardamine rivularis  
Cardamine trifolia  
Carduus acanthoides  
Carduus affinis  
Carduus argemone  
Carduus carduelis  
Carduus cephalanthus  
Carduus chrysacanthus  
Carduus collinus  
Carduus crispus  
Carduus fasciculiflorus  
Carduus litigiosus  
Carduus macrocephalus  
Carduus nutans  
Carduus personata

Carduus pycnocephalus  
Carduus tenuiflorus  
Carex appropinquata  
Carex atrata  
Carex baldensis  
Carex bohémica  
Carex brachystachys  
Carex brunnescens  
Carex buekii  
Carex canescens  
Carex capillaris  
Carex capitata  
Carex caryophyllea  
Carex cuprina  
Carex curvula  
Carex davalliana  
Carex demissa  
Carex depauperata  
Carex depressa  
Carex diandra  
Carex digitata  
Carex distachya  
Carex distans  
Carex divulsa  
Carex elata  
Carex elongata  
Carex extensa  
Carex ferruginea subsp. macrostachys  
Carex firma  
Carex flava  
Carex foetida  
Carex fritschii  
Carex fuliginosa  
Carex heleonastes  
Carex hostiana  
Carex humilis  
Carex illegitima  
Carex kitaibeliana  
Carex lachenalii  
Carex laevigata  
Carex lepidocarpa  
Carex leporina  
Carex macrolepis  
Carex macrostachys  
Carex michelii  
Carex montana  
Carex mucronata



Carex nigra  
Carex nigra subsp. juncella  
Carex norvegica  
Carex olbiensis  
Carex ornithopoda  
Carex pallescens  
Carex paniculata  
Carex parviflora  
Carex pediformis  
Carex pendula  
Carex pilosa  
Carex pilulifera  
Carex praecox  
Carex pseudocyperus  
Carex punctata  
Carex remota  
Carex rupestris  
Carex sempervirens  
Carex spicata  
Carex strigosa  
Carex sylvatica  
Carex tumidicarpa  
Carex umbrosa  
Carex viridula  
Carex vulpina  
Carlina acanthifolia  
Carlina acaulis  
Carlina biebersteinii  
Carlina corymbosa  
Carlina gummifera  
Carlina involuocrata  
Carlina macrocephala  
Carlina nebrodensis  
Carlina sicula  
Carlina vulgaris  
Carpesium abrotanoides  
Carthamus pinnatus  
Carum appuanum  
Carum carvi  
Carum heldreichii  
Carum verticillatum  
Cenchrus ciliaris  
Cenchrus longisetus  
Cenchrus setaceus  
Centaurea acaulis  
Centaurea alba aggr.  
Centaurea amara

Centaurea ambigua  
Centaurea ambigua subsp. laciniata  
Centaurea aplolepa  
Centaurea aspera  
Centaurea calcitrapa  
Centaurea cana  
Centaurea centauroides  
Centaurea cineraria  
Centaurea collina  
Centaurea cristata  
Centaurea deusta  
Centaurea dichroantha  
Centaurea diffusa  
Centaurea dubia  
Centaurea hyalolepis  
Centaurea jacea  
Centaurea kartschiana  
Centaurea leucophaea  
Centaurea muretii  
Centaurea nemoralis  
Centaurea nervosa  
Centaurea nigra  
Centaurea nigrescens  
Centaurea paniculata  
Centaurea parlatoris  
Centaurea parlatoris subsp. tenorei  
Centaurea phrygia  
Centaurea ragusina  
Centaurea rhaetica  
Centaurea rupestris aggr.  
Centaurea scabiosa  
Centaurea scannensis  
Centaurea seridis  
Centaurea sicula  
Centaurea solstitialis  
Centaurea sphaerocephala  
Centaurea stoebe  
Centaurea subtilis  
Centaurea tommasinii  
Centaurea uniflora  
Centaureum erythraea  
Centaureum littorale  
Cephalaria alpina  
Cephalaria leucantha  
Cerastium alpinum  
Cerastium arvense  
Cerastium fontanum

Cerastium fontanum subsp. lucorum  
Cerastium fontanum subsp. vulgare  
Cerastium lineare  
Cerastium pedunculatum  
Cerastium soleirolii  
Cerastium subtriflorum  
Cerastium sylvaticum  
Ceratochloa cathartica  
Cerinthe glabra  
Cerinthe tenuiflora  
Cervaria rivini  
Chaerophyllum aromaticum  
Chaerophyllum aureum  
Chaerophyllum bulbosum  
Chaerophyllum hirsutum  
Chaiturus marrubiastrum  
Cheirolophus crassifolius  
Chelidonium majus  
Chondrilla acanthophylla  
Chondrilla chondrilloides  
Chondrilla juncea  
Chrysopogon gryllus  
Chrysosplenium alternifolium  
Chrysosplenium dubium  
Chrysosplenium oppositifolium  
Cichorium intybus  
Cicuta virosa  
Circaea alpina  
Circaea lutetiana  
Cirsium alsophilum  
Cirsium bertolonii  
Cirsium carniolicum  
Cirsium creticum  
Cirsium echinatum  
Cirsium eriophorum  
Cirsium erisithales  
Cirsium ferox  
Cirsium helenioides  
Cirsium heterophyllum  
Cirsium italicum  
Cirsium lobelii  
Cirsium monspessulanum  
Cirsium morisianum  
Cirsium oleraceum  
Cirsium palustre  
Cirsium pannonicum  
Cirsium scabrum

Cirsium spinosissimum  
Cirsium tenoreanum  
Cirsium vulgare  
Citrullus colocynthis  
Cleistogenes serotina  
Clematis integrifolia  
Clematis recta  
Clinopodium menthifolium  
Clinopodium nepeta  
Clinopodium vulgare  
Cochlearia officinalis  
Coincya monensis  
Coincya richeri  
Conium maculatum  
Convolvulus althaeoides  
Convolvulus cantabrica  
Convolvulus silvaticus  
Coris monspeliensis  
Corrigiola telephiifolia  
Cortusa matthioli  
Corydalis ochroleuca  
Corynephorus canescens  
Cosentinia vellea  
Cota tinctoria  
Crambe tataria  
Crepis albida  
Crepis alpestris  
Crepis aurea  
Crepis biennis  
Crepis bocconi  
Crepis bursifolia  
Crepis chondrilloides  
Crepis conyzifolia  
Crepis praemorsa aggr.  
Crepis jacquinii  
Crepis lacera  
Crepis leontodontoides  
Crepis mollis  
Crepis paludosa  
Crepis pontana  
Crepis pyrenaica  
Crepis rhaetica  
Crepis spathulata  
Crepis terglouensis  
Cruciata glabra  
Cruciata laevipes  
Cryptogramma crispa

Cryptotaenia thomasii  
Cullen americanum  
Cyanus montanus  
Cyanus triumfettii  
Cymbalaria hepaticifolia  
Cymbalaria pallida  
Cynara cardunculus  
Cynoglossum cheirifolium  
Cynoglossum clandestinum  
Cynoglossum creticum  
Cynoglossum dioscoridis  
Cynoglossum germanicum  
Cynoglossum montanum  
Cynoglossum nebrodense  
Cynoglossum officinale  
Cynosurus cristatus  
Cyperus esculentus  
Cyperus glomeratus  
Cyperus longus  
Cyperus papyrus  
Cyperus strigosus  
Cyrtonium fortunei  
Cystopteris fragilis  
Cystopteris montana  
Cystopteris sudetica  
Dactylis glomerata  
Danaa cornubiensis  
Danthonia alpina  
Danthonia decumbens  
Daucus carota  
Delphinium dubium  
Delphinium elatum  
Delphinium emarginatum  
Delphinium fissum  
Deschampsia media  
Descurainia tanacetifolia  
Dianthus barbatus  
Dianthus carthusianorum  
Dianthus ciliatus  
Dianthus deltoides  
Dianthus ferrugineus  
Dianthus ferrugineus subsp. vulturius  
Dianthus furcatus  
Dianthus glacialis  
Dianthus monspessulanus  
Dianthus monspessulanus subsp. marsicus  
Dianthus pavonius

Dianthus seguieri  
Dianthus sternbergii  
Dianthus superbus  
Dianthus sylvestris  
Dichoropetalum carvifolia  
Dichoropetalum schottii  
Digitalis ferruginea  
Digitalis grandiflora  
Digitalis laevigata  
Digitalis lutea  
Digitalis purpurea  
Diplotaxis tenuifolia  
Dipsacus ferox  
Dipsacus fullonum  
Dipsacus laciniatus  
Dipsacus pilosus  
Dittrichia viscosa  
Dorycnium pentaphyllum  
Dorycnium rectum  
Dorycnopsis gerardi  
Draba aizoides  
Draba aspera  
Draba dolomitica  
Draba dubia  
Draba fladnizensis  
Draba hoppeana  
Draba loiseleurii  
Draba siliquosa  
Draba tomentosa  
Drosera intermedia  
Drosera longifolia  
Drosera rotundifolia  
Drymocallis rupestris  
Drymochloa sylvatica  
Dysphania multifida  
Echinophora spinosa  
Echinophora tenuifolia  
Echinops exaltatus  
Echinops ritro  
Echinops sphaerocephalus  
Echinops spinosissimus  
Echium arenarium  
Echium asperrimum  
Echium creticum  
Echium italicum  
Echium vulgare  
Eleocharis carniolica

Eleocharis multicaulis  
Elymus caninus  
Elymus panormitanus  
Elytrigia corsica  
Elytrigia elongata  
Epilobium alpestre  
Epilobium alsinifolium  
Epilobium anagallidifolium  
Epilobium angustifolium  
Epilobium collinum  
Epilobium dodonaei  
Epilobium fleischeri  
Epilobium hirsutum  
Epilobium hypericifolium  
Epilobium lanceolatum  
Epilobium montanum  
Epilobium nutans  
Epilobium obscurum  
Epilobium palustre  
Epilobium parviflorum  
Epilobium roseum  
Epilobium tetragonum  
Epimedium alpinum  
Erigeron alpinus  
Erigeron atticus  
Erigeron epiroticus  
Erigeron glabratus  
Erigeron karvinskianus  
Erigeron neglectus  
Erigeron schleicheri  
Erigeron uniflorus  
Erinus alpinus  
Eriophorum latifolium  
Eriophorum vaginatum  
Erodium acaule  
Erucastrum gallicum  
Erucastrum nasturtiifolium  
Erucastrum palustre  
Erucastrum virgatum  
Eryngium alpinum  
Eryngium amethystinum  
Eryngium campestre  
Eryngium corniculatum  
Eryngium creticum  
Eryngium dichotomum  
Eryngium pusillum  
Eryngium spinalba

Eryngium tricuspdatum  
Eryngium triquetrum  
Erysimum bonannianum  
Erysimum crassistylum  
Erysimum hieracifolium  
Erysimum jugicola  
Erysimum majellense  
Erysimum metlesicsii  
Erysimum odoratum  
Erysimum pseudorhaeticum  
Erysimum rhaeticum  
Erysimum nevadense aggr.  
Erysimum sylvestre  
Erysimum sylvestre subsp. aurantiacum  
Eupatorium cannabinum  
Euphorbia carniolica  
Euphorbia cyparissias  
Euphorbia esula  
Euphorbia lathyris  
Euphorbia lucida  
Euphorbia semiperfoliata  
Ferula communis  
Ferulago campestris  
Ferulago nodiflora  
Ferulago nodosa  
Ferulago sylvatica  
Festuca acuminata  
Festuca airoides  
Festuca alpestris  
Festuca alpina  
Festuca amethystina  
Festuca apuanica  
Festuca arvernensis subsp. costei  
Festuca bosniaca  
Festuca caeruleascens  
Festuca calva  
Festuca cenisia  
Festuca cinerea  
Festuca circummediterranea  
Festuca cyrnea  
Festuca filiformis  
Festuca flavescens  
Festuca guestfalica auct.  
Festuca halleri  
Festuca heteromalla  
Festuca heteropachys  
Festuca heterophylla



*Festuca illyrica*  
*Festuca inops*  
*Festuca intercedens*  
*Festuca jeanpertii*  
*Festuca laevigata*  
*Festuca macranthera*  
*Festuca marginata* subsp. *andres-molinae*  
*Festuca marginata* subsp. *gallica*  
*Festuca melanopsis*  
*Festuca morisiana*  
*Festuca nigrescens*  
*Festuca nitida*  
*Festuca norica*  
*Festuca ovina*  
*Festuca picturata*  
*Festuca pignattiorum*  
*Festuca pseudodura*  
*Festuca quadriflora*  
*Festuca robustifolia*  
*Festuca rubra*  
*Festuca sardoa*  
*Festuca scabriculum*  
*Festuca stenantha*  
*Festuca stricta* subsp. *sulcata*  
*Festuca stricta* subsp. *trachyphylla*  
*Festuca sylvatica*  
*Festuca ticinensis*  
*Festuca trichophylla*  
*Festuca valesiaca*  
*Festuca varia*  
*Festuca violacea*  
*Fibigia clypeata*  
*Filipendula ulmaria*  
*Filipendula vulgaris*  
*Foeniculum vulgare*  
*Fourraea alpina*  
*Galatella linosyris*  
*Galatella sedifolia*  
*Galega officinalis*  
*Galium aetnicum*  
*Galium aristatum*  
*Galium austriacum*  
*Galium baldense*  
*Galium bernardii*  
*Galium boreale*  
*Galium congestum*  
*Galium corrudifolium*

Galium corsicum  
Galium debile  
Galium elongatum  
Galium erythrorrhizon  
Galium glaucophyllum  
Galium glaucum  
Galium intermedium  
Galium jussiei  
Galium laevigatum  
Galium litorale  
Galium lucidum  
Galium lucidum subsp. cinereum  
Galium magellense  
Galium margaritaceum  
Galium megalospermum  
Galium mollugo aggr.  
Galium montis-arerae  
Galium noricum  
Galium obliquum  
Galium palustre  
Galium pseudohelveticum  
Galium pumilum  
Galium pusillum  
Galium rotundifolium  
Galium rubrum  
Galium scabrum  
Galium sylvaticum  
Galium tendae  
Galium tunetanum  
Galium uliginosum  
Gaura sinuata  
Gentiana acaulis  
Gentiana alpina  
Gentiana angulosa  
Gentiana asclepiadea  
Gentiana aspera  
Gentiana austriaca  
Gentiana bavarica  
Gentiana brachyphylla  
Gentiana burseri  
Gentiana clusii  
Gentiana cruciata  
Gentiana dinarica  
Gentiana froelichii  
Gentiana ligustica  
Gentiana lutea  
Gentiana macrophylla

Gentiana magellensis  
Gentiana pannonica  
Gentiana pneumonanthe  
Gentiana pumila  
Gentiana punctata  
Gentiana purpurea  
Gentiana rostanii  
Gentiana terglouensis  
Gentiana verna  
Gentianella anisodonta  
Gentianella aspera  
Gentianella austriaca  
Gentianella columnae  
Gentianella crispata  
Gentianella engadinensis  
Gentianella germanica  
Gentianella lutescens  
Gentianella pilosa  
Gentianella ramosa  
Geranium argenteum  
Geranium asphodeloides  
Geranium cinereum  
Geranium palustre  
Geranium phaeum  
Geranium pratense  
Geranium pyrenaicum  
Geranium reflexum  
Geranium rivulare  
Geranium sanguineum  
Geranium sylvaticum aggr.  
Geum gasparrinii  
Geum heterocarpum  
Geum micropetalum  
Geum molle  
Geum montanum  
Geum rivale  
Geum urbanum  
Glaucium flavum  
Globularia bisnagarica  
Globularia incanescens  
Globularia nudicaulis  
Gnaphalium diminutum  
Gnaphalium hoppeanum  
Gnaphalium norvegicum  
Gnaphalium supinum  
Gnaphalium sylvaticum  
Goniolimon italicum

Grafia golaka  
Gratiola officinalis  
Hacquetia epipactis  
Hedysarum confertum  
Hedysarum coronarium  
Hedysarum hedysaroides  
Helianthus decapetalus  
Helianthus pauciflorus  
Helictochloa bromoides  
Helictochloa cincinnata  
Helictochloa praeusta  
Helictochloa pratensis  
Helictochloa versicolor  
Helictotrichon bromoides  
Helictotrichon convolutum  
Helictotrichon parlatorei  
Helictotrichon sedenense  
Helictotrichon sempervirens  
Helictotrichon setaceum  
Helleborus lividus  
Hellenocarum multiflorum  
Helminthotheca aculeata  
Helosciadium inundatum  
Helosciadium nodiflorum  
Helosciadium repens  
Heptaptera angustifolia  
Heracleum austriacum  
Heracleum sphondylium  
Herniaria alpina  
Herniaria incana  
Hesperis laciniata  
Hesperis matronalis  
Heteropogon contortus  
Hibiscus palustris  
Hibiscus roseus  
Hieracium alpinum  
Hieracium amplexicaule  
Hieracium aureum  
Hieracium bupleuroides  
Hieracium glaucum  
Hieracium humile  
Hieracium incanum  
Hieracium lachenalii  
Hieracium lactucella subsp. lactucella  
Hieracium lactucella subsp. magnaauricula  
Hieracium laevigatum  
Hieracium lawsonii

Hieracium naegelianum  
Hieracium pallidum  
Hieracium pictum  
Hieracium piliferum  
Hieracium porrifolium  
Hieracium portanum  
Hieracium prenanthoides  
Hieracium racemosum  
Hieracium sabaudum  
Hieracium umbellatum  
Hieracium villosum  
Hieracium virgaurea  
Hierochloa australis  
Hierochloa odorata  
Hippocrepis comosa  
Hippocrepis glauca  
Hirschfeldia incana  
Holcus annuus  
Holcus lanatus  
Holcus mollis  
Holcus notarisii  
Homalotrichon pubescens  
Homogyne alpina  
Homogyne discolor  
Homogyne sylvestris  
Hordelymus europaeus  
Hordeum bulbosum  
Hordeum secalinum  
Horminum pyrenaicum  
Hornungia alpina  
Hutchinsia brevicaulis  
Hylotelephium anacamperos  
Hylotelephium maximum  
Hylotelephium telephium  
Hyparrhenia hirta  
Hypericum annulatum  
Hypericum australe  
Hypericum barbatum  
Hypericum elodes  
Hypericum hirsutum  
Hypericum humifusum  
Hypericum hyssopifolium  
Hypericum maculatum  
Hypericum montanum  
Hypericum perforatum  
Hypericum perforatum  
Hypericum pubescens

*Hypericum richeri*  
*Hypericum spruneri*  
*Hypericum tetrapterum*  
*Hypericum tomentosum*  
*Hypericum triquetrifolium*  
*Hypochaeris robertia*  
*Iberis aurosica* subsp. *nana*  
*Iberis carnosae*  
*Iberis spathulata*  
*Inula bifrons*  
*Inula britannica*  
*Inula ensifolia*  
*Inula helenium*  
*Inula helvetica*  
*Inula hirta*  
*Inula montana*  
*Inula salicina*  
*Inula spiraeifolia*  
*Isatis campestris*  
*Isatis praecox*  
*Isatis tinctoria*  
*Jacobaea alpina*  
*Jacobaea aquatica*  
*Jacobaea erratica*  
*Jacobaea erucifolia*  
*Jacobaea incana*  
*Jacobaea paludosa*  
*Jacobaea samnitum*  
*Jacobaea subalpina*  
*Jacobaea uniflora*  
*Jacobaea vulgaris*  
*Jasione laevis*  
*Jasione montana*  
*Juncus acutus*  
*Juncus acutus* subsp. *acutus*  
*Juncus conglomeratus*  
*Juncus effusus*  
*Juncus inflexus*  
*Juncus inflexus* subsp. *inflexus*  
*Juncus jacquinii*  
*Juncus squarrosus*  
*Juncus tenuis*  
*Jurinea mollis*  
*Kernera saxatilis*  
*Klasea nudicaulis*  
*Knautia arvensis*  
*Knautia baldensis*

*Knautia calycina*  
*Knautia dinarica*  
*Knautia dipsacifolia*  
*Knautia drymeia*  
*Knautia gussonei*  
*Knautia illyrica*  
*Knautia longifolia*  
*Knautia lucana*  
*Knautia mollis*  
*Knautia persicina*  
*Knautia purpurea*  
*Knautia ressmannii*  
*Knautia transalpina*  
*Knautia velutina*  
*Kobresia myosuroides*  
*Kobresia simpliciuscula*  
*Koeleria cenisia*  
*Koeleria eriostachya*  
*Koeleria hirsuta*  
*Koeleria macrantha*  
*Koeleria pyramidata*  
*Koeleria splendens*  
*Koeleria vallesiana*  
*Kundmannia sicula*  
*Lactuca alpina*  
*Lactuca longidentata*  
*Lactuca muralis*  
*Lactuca perennis*  
*Lactuca quercina*  
*Lactuca serriola*  
*Lactuca tenerrima*  
*Lactuca viminea*  
*Lamium album*  
*Lamium flexuosum*  
*Lamium galeobdolon*  
*Lamium garganicum*  
*Lamium maculatum*  
*Lamium orvala*  
*Lamyropsis microcephala*  
*Laser trilobum*  
*Laserpitium gallicum*  
*Laserpitium halleri*  
*Laserpitium krapfii*  
*Laserpitium latifolium*  
*Laserpitium nestleri*  
*Laserpitium nitidum*  
*Laserpitium peucedanoides*

Laserpitium prutenicum  
Laserpitium siler  
Lathyrus cirrhosus Ser.  
Lathyrus filiformis  
Lathyrus heterophyllus  
Lathyrus laevigatus  
Lathyrus latifolius  
Lathyrus laxiflorus  
Lathyrus ochraceus subsp. occidentalis  
Lathyrus palustris  
Lathyrus pratensis  
Lathyrus sylvestris  
Lathyrus tuberosus  
Launaea nudicaulis  
Leontodon anomalus  
Leontodon berinii  
Leontodon crispus  
Leontodon hirtus  
Leontodon hispidus  
Leontodon incanus  
Leontodon intermedius  
Leontodon tuberosus  
Leontopodium nivale  
Leonurus cardiaca  
Lepidium graminifolium  
Lepidium hirtum  
Lepidium latifolium  
Leucanthemopsis alpina  
Leucanthemum adustum  
Leucanthemum atratum subsp. ceratophylloides  
Leucanthemum coronopifolium  
Leucanthemum corsicum  
Leucanthemum heterophyllum  
Leucanthemum laciniatum  
Leucanthemum pachyphyllum  
Leucanthemum pallens  
Leucanthemum subglaucum  
Leucanthemum tridactylites  
Leucanthemum virgatum  
Leucanthemum vulgare aggr.  
Leucopoa calabrica  
Leucopoa dimorpha  
Leucopoa laxa  
Leucopoa pulchella  
Leucopoa spectabilis  
Levisticum officinale  
Ligusticum corsicum



Ligusticum ferulaceum  
Ligusticum lucidum  
Ligusticum mutellina  
Ligusticum mutellinoides  
Ligusticum simplex  
Limonium avei  
Limonium bellidifolium  
Limonium binervosum  
Limonium calcarae  
Limonium cancellatum  
Limonium cordatum  
Limonium cumanum  
Limonium danubiale  
Limonium densiflorum  
Limonium densissimum  
Limonium dubium  
Limonium johannis  
Limonium longispicatum  
Limonium minutiflorum  
Limonium multifforme  
Limonium narbonense  
Limonium oleifolium  
Limonium pontium  
Limonium sibthorpiatum  
Limonium sinuatum  
Linaria alpina  
Linaria angustissima  
Linaria genistifolia  
Linaria heterophylla  
Linaria purpurea  
Linaria repens  
Linaria vulgaris  
Linum alpinum  
Linum austriacum  
Linum bienne  
Linum collinum  
Linum flavum  
Linum hirsutum  
Linum maritimum  
Linum narbonense  
Linum punctatum  
Linum tommasinii  
Linum viscosum  
Lithospermum officinale  
Lobularia maritima  
Lolium perenne  
Lomelosia argentea

Lomelosia crenata  
Lotus alpinus  
Lotus corniculatus  
Lotus delortii  
Lotus maritimus  
Lotus pedunculatus  
Lotus preslii  
Lotus tenuis  
Lunaria annua  
Lunaria rediviva  
Luzula campestris  
Luzula forsteri  
Luzula glabrata  
Luzula lutea  
Luzula luzulina  
Luzula luzuloides  
Luzula multiflora  
Luzula nivea  
Luzula pedemontana  
Luzula pediformis  
Luzula pilosa  
Luzula pindica  
Luzula spicata  
Luzula sudetica  
Luzula sylvatica  
Lycopus europaeus  
Lycopus exaltatus  
Lygeum spartum  
Lysimachia nemorum  
Lysimachia nummularia  
Lysimachia punctata  
Lysimachia vulgaris  
Lythrum intermedium  
Lythrum junceum  
Lythrum salicaria  
Lythrum virgatum  
Magydaris pastinacea  
Malva alcea  
Malva ambigua  
Malva arborea  
Malva erecta  
Malva moschata  
Malva sylvestris  
Malva thuringiaca  
Malva verticillata  
Mandragora autumnalis  
Mandragora officinarum

Mantisalca salmantica  
Marrubium alysson  
Marrubium incanum  
Marrubium peregrinum  
Marrubium vulgare  
Matthiola sinuata  
Matthiola sinuata subsp. ligurica  
Medicago carstiensis  
Medicago pironae  
Medicago prostrata  
Medicago sativa  
Megathyrsus bivonanus  
Melica amethystina  
Melica ciliata  
Melica cupanii  
Melica minuta  
Melica nutans  
Melica uniflora  
Melilotus officinalis  
Melissa officinalis  
Melittis melissophyllum  
Mentha aquatica  
Mentha arvensis  
Mentha longifolia  
Mentha pulegium  
Mentha spicata  
Mentha suaveolens  
Meum athamanticum  
Mimulus moschatus  
Minuartia rubra  
Moehringia ciliata  
Moehringia markgrafii  
Moehringia muscosa  
Moehringia pichleri  
Molinia caerulea aggr.  
Molopospermum peloponnesiacum  
Moneses uniflora  
Morisia monanthos  
Muhlenbergia frondosa  
Muhlenbergia schreberi  
Murbeckiella pinnatifida  
Murbeckiella zanonii  
Mutellina corsica  
Myosotis alpestris  
Myosotis corsicana  
Myosotis decumbens  
Myosotis nemorosa

Myosotis scorpioides  
Myosotis soleirolii  
Myosotis sylvatica  
Myosoton aquaticum  
Myrrhis odorata  
Nardus stricta  
Nassella mucronata  
Nasturtium microphyllum  
Nasturtium officinale  
Nepeta cataria  
Nepeta foliosa  
Nepeta italica  
Nepeta nuda  
Nepeta tuberosa  
Noccaea brachypetala  
Noccaea brevistyla  
Noccaea cikaea  
Noccaea praecox  
Nonea pulla  
Ochlopoa supina  
Ocimum basilicum  
Oenanthe aquatica  
Oenanthe crocata  
Oenanthe fistulosa  
Oenanthe globulosa  
Oenanthe lachenalii  
Oenanthe lisae  
Oenanthe peucedanifolia  
Oenanthe pimpinelloides  
Oenanthe silaifolia  
Oenothera biennis  
Oenothera glazioviana  
Oenothera parviflora  
Oenothera sinuosa  
Oenothera stricta  
Oenothera stucchii  
Oenothera suaveolens  
Omphalodes verna  
Onobrychis alba  
Onobrychis arenaria  
Onobrychis humilis subsp. humilis  
Onobrychis montana  
Onobrychis supina  
Onobrychis viciifolia  
Ononis natrix  
Ononis pusilla  
Ononis rotundifolia

Onopordum acanthium  
Onopordum argolicum  
Onopordum illyricum  
Onopordum illyricum subsp. horridum  
Onopordum tauricum  
Onosma visianii  
Oplismenus hirtellus subsp. undulatifolius  
Opopanax chironium  
Opopanax hispidus  
Oreochloa disticha  
Oreochloa seslerioides  
Oreoselinum nigrum  
Origanum majorana  
Origanum vulgare  
Oxalis fontana  
Oxalis stricta  
Oxybaphus nyctagineus  
Oxyria digyna  
Oxytropis campestris  
Oxytropis halleri  
Oxytropis helvetica  
Oxytropis neglecta  
Oxytropis pilosa  
Pachypleurum mutellinoides  
Paederota bonarota  
Paederota lutea  
Palaeocyanus crassifolius  
Pallenis maritima  
Panicum compressum  
Papaver aurantiacum  
Papaver kernerii  
Paragymnopteris marantae  
Parietaria judaica  
Parietaria officinalis  
Parnassia palustris  
Paronychia argentea  
Paronychia capitata  
Paronychia kapela  
Paronychia polygonifolia  
Paspalum dilatatum  
Paspalum quadrifarium  
Pastinaca latifolia  
Pastinaca sativa  
Patzkea paniculata  
Pedicularis acaulis  
Pedicularis asplenifolia  
Pedicularis cenisia

Pedicularis comosa  
Pedicularis elegans  
Pedicularis elongata  
Pedicularis foliosa  
Pedicularis friderici-augusti  
Pedicularis gyroflexa  
Pedicularis hacquetii  
Pedicularis hoermanniana  
Pedicularis kernerii  
Pedicularis oederii  
Pedicularis palustris  
Pedicularis petiolaris  
Pedicularis recutita  
Pedicularis rosea  
Pedicularis sylvatica  
Pedicularis tuberosa  
Pedicularis verticillata  
Pentaglottis sempervirens  
Persicaria decipiens  
Persicaria salicifolia  
Petagnaea gussonei  
Petrocallis pyrenaica  
Petrorhagia illyrica  
Petrorhagia saxifraga  
Petroselinum crispum  
Petroselinum sativum  
Peucedanum altissimum  
Peucedanum austriacum  
Peucedanum cervaria  
Peucedanum coriaceum  
Peucedanum officinale  
Peucedanum oreoselinum  
Peucedanum ostruthium  
Peucedanum palustre  
Peucedanum venetum  
Phalaris aquatica  
Phalaris coeruleascens  
Phalaris truncata  
Phalaroides arundinacea  
Phleum alpinum aggr.  
Phleum phleoides  
Phleum pratense  
Phleum serotinum  
Phlomis herba-venti  
Physalis alkekengi  
Physalis peruviana  
Physoplexis comosa

Physospermum cornubiense  
Physospermum verticillatum  
Phyteuma betonicifolium  
Phyteuma charmelii  
Phyteuma cordatum  
Phyteuma globulariifolium  
Phyteuma hedraianthifolium  
Phyteuma hemisphaericum  
Phyteuma humile  
Phyteuma michelii  
Phyteuma orbiculare  
Phyteuma ovatum  
Phyteuma persicifolium  
Phyteuma scheuchzeri  
Phyteuma scorzonerifolium  
Phyteuma serratum  
Phyteuma sieberi  
Phyteuma spicatum  
Picnomon acarna  
Picris hieracioides  
Picris hispidissima  
Picris laciniata  
Picris scaberrima  
Pilosella alpicola  
Pilosella aurantiaca  
Pilosella caespitosa  
Pilosella cymosa  
Pilosella glacialis  
Pilosella hoppeana  
Pilosella kralikii  
Pilosella lactucella  
Pilosella officinarum  
Pilosella pavichii  
Pilosella piloselloides  
Pilosella pseudopilosella  
Pilosella saussureoides  
Pimpinella alpina  
Pimpinella anisoides  
Pimpinella lutea  
Pimpinella major  
Pimpinella peregrina  
Pimpinella saxifraga  
Pinguicula alpina  
Pinguicula corsica  
Pinguicula hirtiflora  
Pinguicula leptoceras  
Pinguicula longifolia subsp. reichenbachiana

*Pinguicula vulgaris*  
*Piptatherum coerulescens*  
*Piptatherum miliaceum*  
*Piptatherum virescens*  
*Plantago alpina*  
*Plantago altissima*  
*Plantago argentea*  
*Plantago atrata*  
*Plantago crassifolia*  
*Plantago holosteum*  
*Plantago lanceolata*  
*Plantago major*  
*Plantago maritima*  
*Plantago maritima* subsp. *serpentina*  
*Plantago media*  
*Plantago serraria*  
*Pleurospermum austriacum*  
*Poa alpina*  
*Poa badensis*  
*Poa balbisii*  
*Poa bivonae*  
*Poa bulbosa*  
*Poa carniolica*  
*Poa cenisia*  
*Poa chaixii*  
*Poa compressa*  
*Poa glauca*  
*Poa hybrida*  
*Poa laxa*  
*Poa minor*  
*Poa nemoralis*  
*Poa palustris*  
*Poa pratensis* aggr.  
*Poa pumila*  
*Poa remota*  
*Poa trivialis*  
*Podospermum canum*  
*Podospermum laciniatum*  
*Podospermum laciniatum* subsp. *decumbens*  
*Podospermum purpureum*  
*Podospermum roseum*  
*Polygala alpestris*  
*Polygala alpina*  
*Polygala amarella*  
*Polygala angelisii*  
*Polygala apiculata*  
*Polygala carniolica*



*Polygala carueliana*  
*Polygala comosa*  
*Polygala flavescens*  
*Polygala major*  
*Polygala nicaeensis* aggr.  
*Polygala pedemontana*  
*Polygala pisauensis*  
*Polygala preslii*  
*Polygala sardoa*  
*Polygala serpyllifolia*  
*Polygala vulgaris*  
*Polygonum oxyspermum*  
*Polygonum oxyspermum* subsp. *robertii*  
*Polygonum raii*  
*Polypodium cambricum*  
*Polypodium interjectum*  
*Polypodium serratum*  
*Polypodium vulgare*  
*Polypogon viridis*  
*Potentilla alba*  
*Potentilla anglica*  
*Potentilla argentea*  
*Potentilla argentea* subsp. *impolita*  
*Potentilla aurea*  
*Potentilla brauneana*  
*Potentilla calabra*  
*Potentilla cinerea*  
*Potentilla collina*  
*Potentilla crantzii*  
*Potentilla detommasii*  
*Potentilla erecta*  
*Potentilla foliosa*  
*Potentilla frigida*  
*Potentilla grandiflora*  
*Potentilla heptaphylla*  
*Potentilla heptaphylla* subsp. *australis*  
*Potentilla hirta*  
*Potentilla inclinata*  
*Potentilla indica*  
*Potentilla intermedia*  
*Potentilla micrantha*  
*Potentilla multifida*  
*Potentilla nivea*  
*Potentilla pensylvanica*  
*Potentilla pusilla*  
*Potentilla recta*  
*Potentilla reptans*

Potentilla sterilis  
Potentilla tabernaemontani  
Potentilla thuringiaca  
Prangos ferulacea  
Prangos trifida  
Prenanthes purpurea  
Primula acaulis  
Primula allionii  
Primula apennina  
Primula auricula  
Primula auricula subsp. bauhini  
Primula carniolica  
Primula daonensis  
Primula elatior  
Primula farinosa  
Primula glaucescens  
Primula glutinosa  
Primula halleri  
Primula hirsuta  
Primula integrifolia  
Primula latifolia  
Primula marginata  
Primula minima  
Primula pedemontana  
Primula spectabilis  
Primula tyrolensis  
Primula veris  
Primula villosa  
Primula wulfeniana  
Prunella grandiflora  
Prunella hyssopifolia  
Prunella laciniata  
Prunella vulgaris  
Pseudofumaria alba  
Pseudofumaria lutea  
Pseudoturritis turrita  
Psoralea americana  
Pteris cretica  
Pteris vittata  
Pteroselinum austriacum  
Ptilostemon casabonae  
Ptilostemon niveus  
Ptilostemon strictus  
Ptychotis sardoa  
Ptychotis saxifraga  
Puccinellia distans  
Puccinellia fasciculata

*Puccinellia festuciformis*  
*Pulicaria dysenterica*  
*Pulicaria odora*  
*Pulmonaria angustifolia*  
*Pulmonaria australis*  
*Pulmonaria mollis*  
*Pulmonaria obscura*  
*Pulmonaria officinalis*  
*Pulmonaria saccharata*  
*Pulmonaria tridentina*  
*Pulmonaria vallarsae*  
*Pulsatilla alpina*  
*Pulsatilla halleri*  
*Pulsatilla montana*  
*Pulsatilla vernalis*  
*Pyrola chlorantha*  
*Pyrola media*  
*Pyrola minor*  
*Pyrola rotundifolia*  
*Ranunculus aconitifolius*  
*Ranunculus acris*  
*Ranunculus aduncus*  
*Ranunculus alpestris*  
*Ranunculus apenninus*  
*Ranunculus asiaticus*  
*Ranunculus auricomus coll.*  
*Ranunculus bilobus*  
*Ranunculus binatus*  
*Ranunculus breyninus*  
*Ranunculus brutius*  
*Ranunculus bulbosus*  
*Ranunculus bullatus*  
*Ranunculus carinthiacus*  
*Ranunculus cassubicus*  
*Ranunculus chaerophyllos*  
*Ranunculus clethraphilus*  
*Ranunculus cordiger*  
*Ranunculus crenatus*  
*Ranunculus fallax*  
*Ranunculus flammula*  
*Ranunculus fontanus*  
*Ranunculus glacialis*  
*Ranunculus gracilis*  
*Ranunculus gramineus*  
*Ranunculus illyricus*  
*Ranunculus isthmicus*  
*Ranunculus lanuginosus*

Ranunculus lingua  
Ranunculus macrophyllus  
Ranunculus marschlinsii  
Ranunculus millefoliatus  
Ranunculus monspeliacus  
Ranunculus montanus  
Ranunculus neapolitanus  
Ranunculus paludosus  
Ranunculus platanifolius  
Ranunculus pollinensis  
Ranunculus polyanthemos subsp. nemorosus  
Ranunculus polyanthemos subsp. polyanthemoides  
Ranunculus polyanthemos subsp. polyanthemophyllus  
Ranunculus polyanthemos subsp. serpens  
Ranunculus polyanthemos subsp. thomasii  
Ranunculus pratensis  
Ranunculus pygmaeus  
Ranunculus pyrenaicus  
Ranunculus rupestris  
Ranunculus seguieri  
Ranunculus serbicus  
Ranunculus serpens subsp. polyanthemoides  
Ranunculus spicatus  
Ranunculus velutinus  
Ranunculus venetus  
Ranunculus perenne  
Ratibida pinnata  
Reichardia picroides  
Reseda lutea  
Reseda luteola  
Rhaponticoides africana  
Rhaponticoides alpina  
Rhaponticoides centaurium  
Rhaponticum coniferum  
Rhaponticum scariosum subsp. rhaponticum  
Rhizobotrya alpina  
Rhynchocorys elephas  
Rhynchospora alba  
Rhynchospora fusca  
Rorippa amphibia  
Rorippa austriaca  
Rorippa islandica  
Rorippa lippizensis  
Rorippa pyrenaica  
Rorippa stylosa  
Rorippa sylvestris  
Rorippa thracica

Rouya polygama  
Rubia tinctorium  
Rubus saxatilis  
Rumex acetosa  
Rumex acetosella  
Rumex alpinus  
Rumex amplexicaulis  
Rumex aquaticus  
Rumex arifolius  
Rumex confertus  
Rumex conglomeratus  
Rumex crispus  
Rumex cristatus  
Rumex hydrolapathum  
Rumex intermedius  
Rumex nebroides  
Rumex nepalensis  
Rumex nivalis  
Rumex obtusifolius  
Rumex patientia  
Rumex pulcher  
Rumex sanguineus  
Rumex scutatus  
Rumex thyrsiflorus  
Rumex thyrsoides  
Sagina glabra  
Sagina nodosa  
Sagina pilifera  
Sagina procumbens  
Sagina saginoides  
Sagina subulata  
Salvia aethiopsis  
Salvia argentea  
Salvia glutinosa  
Salvia nemorosa  
Salvia pinnata  
Salvia pratensis  
Salvia sclarea  
Salvia verbenaca  
Salvia verticillata  
Salvia virgata  
Samolus valerandi  
Sanguisorba dodecandra  
Sanguisorba minor  
Sanguisorba officinalis  
Sanicula europaea  
Saponaria bellidifolia

Saponaria lutea  
Saponaria ocymoides  
Saponaria officinalis  
Saponaria sicula  
Saussurea alpina aggr.  
Saussurea discolor  
Saussurea pygmaea  
Saxifraga adscendens  
Saxifraga aizoides  
Saxifraga androsacea  
Saxifraga bulbifera  
Saxifraga carpetana  
Saxifraga cernua  
Saxifraga corsica  
Saxifraga cotyledon  
Saxifraga cuneifolia  
Saxifraga exarata  
Saxifraga facchinii  
Saxifraga granulata  
Saxifraga hirculus  
Saxifraga hohenwartii  
Saxifraga hostii  
Saxifraga moschata  
Saxifraga moschata subsp. allionii  
Saxifraga muscoides  
Saxifraga mutata  
Saxifraga paniculata  
Saxifraga paniculata subsp. stabiana  
Saxifraga petraea  
Saxifraga rotundifolia  
Saxifraga sedoides  
Saxifraga seguieri  
Saxifraga stellaris  
Saxifraga taygetea  
Saxifraga umbrosa  
Scabiosa pseudisetensis  
Schedonorus arundinaceus  
Schedonorus giganteus  
Schedonorus pratensis  
Scheuchzeria palustris  
Schlagintweitia intybacea  
Schoenoplectus lacustris  
Schoenoplectus lacustris subsp. glaucus  
Schoenoplectus litoralis  
Schoenoplectus mucronatus  
Schoenoplectus triqueter  
Schoenus ferrugineus

Schoenus nigricans  
Scleranthus perennis  
Scleranthus perennis subsp. burnatii  
Scolymus grandiflorus  
Scolymus hispanicus  
Scopolia carniolica  
Scorzonera aristata  
Scorzonera austriaca  
Scorzonera callosa  
Scorzonera glastifolia  
Scorzonera hirsuta  
Scorzonera hispanica  
Scorzonera humilis  
Scorzonera humilis subsp. tenuifolia  
Scorzonera trachysperma  
Scorzoneroides autumnalis  
Scorzoneroides helvetica  
Scorzoneroides montana  
Scrophularia aquatica  
Scrophularia auriculata  
Scrophularia canina  
Scrophularia lucida  
Scrophularia nodosa  
Scrophularia scopolii  
Scrophularia trifoliata  
Scrophularia umbrosa  
Scrophularia vernalis  
Scutellaria albida  
Scutellaria altissima  
Scutellaria columnae  
Scutellaria minor  
Scutellaria rubicunda  
Scutellaria rubicunda subsp. linnaeana  
Secale strictum  
Securigera varia  
Sedum hirsutum  
Sedum villosum  
Selinum carvifolia  
Selinum silaifolium  
Senecio cacaliaster  
Senecio doria aggr.  
Senecio doronicum  
Senecio integrifolius  
Senecio nemorensis aggr.  
Senecio ovirensis subsp. ovirensis  
Senecio persoonii  
Senecio scopolii

*Senecio squalidus* subsp. *rupestris*  
*Serratula cichoracea*  
*Serratula tinctoria*  
*Sesamoides purpurascens*  
*Seseli annuum*  
*Seseli djianeae*  
*Seseli kochii*  
*Seseli libanotis*  
*Seseli montanum*  
*Seseli pallasii*  
*Seseli peucedanoides*  
*Seseli polyphyllum*  
*Seseli ramosissimum*  
*Seseli tortuosum*  
*Seseli viarum*  
*Sesleria autumnalis*  
*Sesleria caerulea*  
*Sesleria insularis*  
*Sesleria juncifolia*  
*Sesleria nitida*  
*Sesleria ovata*  
*Sesleria sphaerocephala*  
*Sesleria tuzsonii*  
*Setaria parviflora*  
*Sibbaldia procumbens*  
*Silaum silaus*  
*Silene alpestris*  
*Silene auriculata* subsp. *lanuginosa*  
*Silene baccifera*  
*Silene campanula*  
*Silene catholica*  
*Silene ciliata*  
*Silene cordifolia*  
*Silene coronaria*  
*Silene dioica*  
*Silene flos-cuculi*  
*Silene flos-jovis*  
*Silene ichnusae*  
*Silene italica*  
*Silene latifolia*  
*Silene multicaulis*  
*Silene nodulosa*  
*Silene nutans*  
*Silene otites* aggr.  
*Silene paradoxa*  
*Silene parnassica*  
*Silene quadridentata*



Silene quadrifida  
Silene roemeri  
Silene rupestris  
Silene salzmannii  
Silene saxifraga  
Silene succulenta  
Silene suecica  
Silene tyrrhenia  
Silene vallesia  
Silene velutina  
Silene veselskyi  
Silene viridiflora  
Silene viscaria  
Silene vulgaris  
Silphium perfoliatum  
Sison amomum  
Sisymbrium austriacum  
Sisymbrium strictissimum  
Sisyrinchium angustifolium  
Sisyrinchium bermudiana  
Sisyrinchium montanum  
Sium latifolium  
Sium sisarum  
Sixalix atropurpurea  
Smyrnum olusatrum  
Smyrnum perfoliatum  
Solanum elaeagnifolium  
Soldanella alpina  
Soldanella hungarica  
Soldanella minima  
Soldanella pusilla  
Soleirolia soleirolii  
Solenanthus apenninus  
Solenopsis bivonae  
Solidago canadensis  
Solidago gigantea  
Solidago virgaurea  
Sonchus arvensis  
Sonchus maritimus  
Sonchus palustris  
Spergularia nicaeensis  
Stachys alopecuros  
Stachys alpina  
Stachys arenaria  
Stachys byzantina  
Stachys cretica  
Stachys germanica

Stachys heraclea  
Stachys maritima  
Stachys officinalis  
Stachys palustris  
Stachys pubescens  
Stachys recta  
Stachys sylvatica  
Stachys thirkei  
Stachys tymphaea  
Staphisagria picta  
Stellaria alsine  
Stellaria diffusa  
Stellaria graminea  
Stellaria longifolia  
Stellaria nemorum  
Stellaria palustris  
Stipa aristella  
Stipa austroitalica  
Stipa barbata  
Stipa capillata  
Stipa fontanesii  
Stipa letourneuxii subsp. letourneuxii  
Stipa neesiana  
Stipa offneri  
Stipa pellita  
Stipa pennata  
Stipa pulcherrima  
Stipa sicula  
Stipa tirsia  
Stipa trichotoma  
Succisa pratensis  
Succisella inflexa  
Swertia perennis  
Symphyotrichum lanceolatum  
Symphyotrichum novae-angliae  
Symphyotrichum novi-belgii  
Symphytum asperum  
Symphytum officinale  
Symphytum orientale  
Tanacetum corymbosum  
Tanacetum parthenium  
Tanacetum vulgare  
Taraxacum alpestre  
Taraxacum aquilonare  
Taraxacum austriacum  
Taraxacum cucullatum  
Taraxacum erythrospermum

Taraxacum fontanum  
Taraxacum glaciale  
Taraxacum handelii  
Taraxacum hoppeanum  
Taraxacum lambinonii  
Taraxacum megalorrhizon  
Taraxacum obovatum  
Taraxacum pacheri  
Taraxacum reichenbachii  
Taraxacum sect. Erythrosperma  
Taraxacum sect. Obliqua  
Taraxacum sect. Palustria  
Taraxacum sect. Taraxacum  
Telekia speciosissima  
Tephrosieris balbisiana  
Tephrosieris integrifolia  
Tephrosieris longifolia  
Teucrium campanulatum  
Teucrium lucidum  
Teucrium scordium  
Teucrium scorodonia  
Teucrium siculum  
Thalictrum alpinum  
Thalictrum calabricum  
Thalictrum flavum  
Thalictrum foetidum  
Thalictrum galioides  
Thalictrum lucidum  
Thalictrum minus  
Thalictrum simplex  
Thapsia garganica  
Thesium alpinum  
Thesium ramosum  
Thesium corsalpinum  
Thesium divaricatum  
Thesium humifusum  
Thesium italicum  
Thesium parnassi  
Thesium pyrenaicum  
Thesium sommieri  
Thlaspi salisii  
Thysselinum palustre  
Tofieldia calyculata  
Tofieldia pusilla  
Tolpis staticifolia  
Tolpis virgata  
Tozzia alpina

Tragopogon crocifolius  
Tragopogon dubius  
Tragopogon porrifolius  
Tragopogon pratensis  
Tragopogon tommasinii  
Tricholaena teneriffae  
Trifolium alpestre  
Trifolium alpinum  
Trifolium badium  
Trifolium bivonae  
Trifolium hybridum  
Trifolium montanum  
Trifolium noricum  
Trifolium ochroleucon  
Trifolium pallescens  
Trifolium pannonicum  
Trifolium patulum  
Trifolium physodes  
Trifolium rubens  
Trifolium thalii  
Trifolium uniflorum  
Trinia dalechampii  
Trinia glauca  
Tripidium ravennae  
Tripidium strictum  
Tripolium pannonicum  
Trisetaria alpestris  
Trisetaria gracilis  
Trisetum alpestre  
Trisetum bertolonii  
Trisetum conradiae  
Trisetum flavescens  
Trisetum gracile  
Trisetum spicatum  
Trochiscanthes nodiflora  
Trollius europaeus  
Tuberaria lignosa  
Urospermum dalechampii  
Urtica atrovirens  
Urtica dioica  
Urtica rupestris  
Valeriana celtica  
Valeriana dioica  
Valeriana elongata  
Valeriana exaltata  
Valeriana excelsa  
Valeriana montana

Valeriana officinalis  
Valeriana salianca  
Valeriana saxatilis  
Valeriana stolonifera  
Valeriana supina  
Valeriana tripteris  
Valeriana tuberosa  
Verbascum argenteum  
Verbascum blattaria  
Verbascum chaixii  
Verbascum conocarpum  
Verbascum creticum  
Verbascum densiflorum  
Verbascum lanatum  
Verbascum longifolium  
Verbascum lychnitis  
Verbascum macrurum  
Verbascum mallophorum  
Verbascum nigrum  
Verbascum niveum  
Verbascum phlomoides  
Verbascum phoeniceum  
Verbascum pulverulentum  
Verbascum rotundifolium  
Verbascum samniticum  
Verbascum siculum  
Verbascum sinuatum  
Verbascum thapsus  
Verbascum virgatum  
Verbena officinalis  
Veronica alpina  
Veronica anagallis-aquatica  
Veronica aphylla  
Veronica austriaca  
Veronica catenata  
Veronica chamaedrys  
Veronica lutea  
Veronica prostrata  
Veronica pumila  
Veronica scutellata  
Veronica urticifolia  
Vicia altissima  
Vicia cassubica  
Vicia cracca  
Vicia dumetorum  
Vicia durandii  
Vicia glauca

*Vicia grandiflora*  
*Vicia ochroleuca*  
*Vicia onobrychioides*  
*Vicia pisiformis*  
*Vicia sepium*  
*Vicia serinica*  
*Vicia sicula*  
*Vicia sparsiflora*  
*Vicia sylvatica*  
*Vicia tenuifolia*  
*Vincetoxicum hirundinaria*  
*Vincetoxicum nigrum*  
*Viola aetnensis*  
*Viola alba*  
*Viola argenteria*  
*Viola bertolonii*  
*Viola biflora*  
*Viola calcarata*  
*Viola canina*  
*Viola cenisia*  
*Viola collina*  
*Viola comollia*  
*Viola corsica*  
*Viola dubyana*  
*Viola elatior*  
*Viola eugeniae*  
*Viola graeca*  
*Viola hirta*  
*Viola jordanii*  
*Viola magellensis*  
*Viola merxmuelleri*  
*Viola mirabilis*  
*Viola munbyana*  
*Viola nebrodensis*  
*Viola obliqua*  
*Viola odorata*  
*Viola palustris*  
*Viola papilionacea*  
*Viola pinnata*  
*Viola pseudogracilis*  
*Viola pumila*  
*Viola pyrenaica*  
*Viola reichenbachiana*  
*Viola riviniana*  
*Viola rupestris*  
*Viola suavis*  
*Viola thomasiana*

Viola valderia  
Vulpia sicula  
Willemetia stipitata  
Woodsia alpina  
Woodsia ilvensis  
Woodsia pulchella  
Wulfenia carinthiaca  
Xanthoselinum alsaticum subsp. venetum  
Xerolekia speciosissima

### Ilex aquifolium  
Ilex aquifolium

### Junipero-Pinetea-species  
Adenocarpus hispanicus  
Berberis aetnensis  
Echinopartum barnadesii  
Echinopartum horridum  
Erica vagans  
Festuca braun-blanquetii  
Festuca iberica  
Genista falcata  
Genista florida  
Helictochloa marginata  
Ononis aragonensis  
Retama sphaerocarpa

### Juniperus communis subsp. communis  
Juniperus communis subsp. communis

### Larix decidua  
Larix decidua

### Larix sibirica  
Larix sibirica

### Low-steppic-shrubs  
Caragana frutex  
Prunus fruticosa  
Prunus tenella  
Spiraea media

### Lowland-to-alpine-heath-shrubs  
Arctostaphylos uva-ursi  
Bruckenthalia spiculifolia  
Calluna vulgaris  
Empetrum nigrum aggr.

*Genista pilosa*  
*Vaccinium myrtillus*  
*Vaccinium uliginosum*  
*Vaccinium vitis-idaea*

### Macaronesian-coastal-dune-scrub

*Polycarpaea nivea*  
*Pulicaria burchardii*  
*Tetraena fontanesii*  
*Traganum moquinii*

### Macaronesian-garrigue-shrubs

*Artemisia argentea*  
*Carlina salicifolia*  
*Echium decaisnei*  
*Erysimum arbuscula*  
*Erysimum maderense*  
*Genista tenera*  
*Globularia salicina*  
*Helichrysum monizii*  
*Micromeria hyssopifolia*  
*Micromeria varia*

### Macaronesian-junipers

*Juniperus brevifolia*  
*Juniperus cedrus*

### Macaronesian-laurophyllous

*Apollonias barbujana*  
*Clethra arborea*  
*Ilex canariensis*  
*Ilex perado*  
*Laurus azorica*  
*Laurus novocanariensis*  
*Morella faya*  
*Ocotea foetens*  
*Persea indica*  
*Picconia azorica*  
*Picconia excelsa*  
*Prunus lusitanica* subsp. *azorica*  
*Prunus lusitanica* subsp. *hixa*

### Macaronesian-low-heath-shrubs

*Calluna vulgaris*  
*Corema album* subsp. *azoricum*  
*Daboecia azorica*  
*Erica arborea*



*Erica maderensis*  
*Erica scoparia*  
*Thymus caespititius*  
*Vaccinium cylindraceum*

### Macaronesian-tall-heath-shrubs

*Arbutus canariensis*  
*Erica arborea*  
*Erica scoparia*  
*Vaccinium padifolium*

### Macaronesian-xero-halophile-scrub-species

*Androcymbium gramineum*  
*Astragalus mareoticus*  
*Chenoleoides tomentosa*  
*Convolvulus caput-medusae*  
*Frankenia capitata*  
*Lobularia canariensis*  
*Lotus arinagensis*  
*Lotus kunkelii*  
*Lotus lancerottensis*  
*Minuartia webbii*  
*Ononis hebecarpa*  
*Ononis hesperia*  
*Polygonum balansae*  
*Pulicaria burchardii*  
*Tetraena fontanesii*  
*Tetraena gaetula*

### Madeiran-xerophytic-scrub-species

*Argyranthemum pinnatifidum* subsp. *succulentum*  
*Artemisia argentea*  
*Asparagus scoparius*  
*Asparagus umbellatus*  
*Atriplex glauca*  
*Bupleurum salicifolium* subsp. *salicifolium*  
*Calendula suffruticosa* subsp. *maderensis*  
*Carlina salicifolia*  
*Chamaemeles coriacea*  
*Cheirolophus massonianus*  
*Chenoleoides tomentosa*  
*Convolvulus massonii*  
*Crambe fruticosa*  
*Echium nervosum*  
*Echium portasanctensis*  
*Erysimum arbuscula*  
*Erysimum bicolor*

Erysimum maderense  
Euphorbia piscatoria  
Genista tenera  
Globularia salicina  
Helichrysum melaleucum  
Helichrysum monizii  
Hypericum canariense  
Jasminum azoricum  
Jasminum odoratissimum  
Lavandula pinnata  
Lotus argyroides  
Lotus macranthus  
Maytenus umbellata  
Plantago arborescens  
Rubia fruticosa  
Schizogyne sericea  
Scilla madeirensis  
Sideritis candicans var. multiflora  
Sideroxylon mirmulans  
Teucrium heterophyllum

### Mainland-laurophyllous  
Laurus nobilis  
Morella faya  
Prunus lusitanica subsp. lusitanica

### Mediterranean-Abies  
Abies borisii-regis  
Abies cephalonica  
Abies nebrodensis  
Abies pinsapo

### Mediterranean-Pinus  
Pinus brutia  
Pinus halepensis  
Pinus pinaster  
Pinus pinea

### Mediterranean-Rubus  
Rubus sanctus  
Rubus ulmifolius

### Mediterranean-genistoid-shrubs  
Adenocarpus anisochilus  
Adenocarpus brutius  
Adenocarpus complicatus  
Adenocarpus decorticans

Adenocarpus hispanicus  
Adenocarpus telonensis  
Adenocarpus viscosus  
Cytisus arboreus  
Cytisus cantabricus  
Cytisus commutatus  
Cytisus grandiflorus  
Cytisus ingramii  
Cytisus multiflorus  
Cytisus striatus  
Cytisus villosus  
Genista cinerascens  
Genista falcata  
Genista florida  
Genista hystrix  
Genista linifolia  
Genista monspessulana  
Genista obtusiramea  
Genista polyanthos  
Genista spartioides  
Genista umbellata  
Retama monosperma  
Retama sphaerocarpa

### Mediterranean-halo-nitrophilous-scrub-species

Acuston lunarioides  
Artemisia arborescens  
Artemisia barrelieri  
Artemisia herba-alba  
Artemisia lucentica  
Artemisia ramosa  
Artemisia thuscula  
Artemisia valentina  
Atriplex glauca  
Atriplex semibaccata  
Ballota hirsuta  
Bosea yervamora  
Camphorosma monspeliaca  
Capparis sicula  
Carthamus arborescens  
Ceballosia fruticosa  
Chenoleoides tomentosa  
Cistanche phelypaea  
Commicarpus africanus  
Salsola vermiculata  
Salsola tetrandra  
Salsola divaricata

Salsola carpatha  
Salsola aegaea  
Euphorbia matritensis  
Fagonia cretica  
Forsskaolea angustifolia  
Frankenia capitata  
Frankenia thymifolia  
Gymnocarpos decander  
Hammada articulata  
Haplophyllum linifolium  
Herniaria canariensis  
Hohenackeria polyodon  
Ipomoea indica  
Ipomoea purpurea  
Launaea arborescens  
Limonium frederici  
Limonium opulentum  
Lycium europaeum  
Lycium intricatum  
Lycium schweinfurthii  
Malva acerifolia  
Marrubium alysson  
Marrubium supinum  
Medicago arborea  
Mercurialis tomentosa  
Peganum harmala  
Salsola genistoides  
Salsola longifolia  
Salsola oppositifolia  
Salsola papillosa  
Salsola portilloi  
Salsola vermiculata  
Salsola verticillata  
Santolina chamaecyparissus aggr.  
Santolina impressa  
Santolina pectinata  
Santolina rosmarinifolia  
Sideritis danielii  
Suaeda altissima  
Suaeda ifniensis  
Suaeda palaestina  
Suaeda pelagica  
Suaeda vermiculata  
Trigonella rechingeri  
Withania aristata  
Withania frutescens  
Withania somnifera

### Mediterranean-riparian-shrubs

Nerium oleander  
Tamarix africana  
Tamarix arborea  
Tamarix boveana  
Tamarix canariensis  
Tamarix dalmatica  
Tamarix hampeana  
Tamarix mascatensis  
Tamarix parviflora  
Tamarix tetrandra  
Vitex agnus-castus

### Mediterranean-riparian-species

Allium triquetrum  
Arisarum vulgare  
Arum italicum  
Arundo donax  
Asparagus acutifolius  
Cercis siliquastrum  
Dioscorea communis  
Dittrichia viscosa  
Dracunculus vulgaris  
Ficus carica  
Juncus acutus  
Nerium oleander  
Oxalis pes-caprae  
Parietaria judaica  
Periploca graeca  
Piptatherum miliaceum  
Platanus orientalis  
Rubia peregrina  
Rubus sanctus  
Rubus ulmifolius  
Scirpoides holoschoenus  
Smilax aspera  
Suaeda vera  
Tamarix africana  
Tamarix arborea  
Tamarix boveana  
Tamarix canariensis  
Tamarix dalmatica  
Tamarix hampeana  
Tamarix mascatensis  
Tamarix parviflora  
Tamarix tetrandra

Urospermum picroides  
Urtica pilulifera  
Vitex agnus-castus

### Mesomediterranean-maquis-shrubs

Anagyris foetida  
Arbutus andrachne  
Arbutus unedo  
Bupleurum fruticosum  
Calicotome spinosa  
Calicotome villosa  
Celtis australis  
Erica arborea  
Jasminum fruticans  
Juniperus phoenicea  
Juniperus oxycedrus  
Myrtus communis  
Phillyrea angustifolia  
Phillyrea latifolia  
Pistacia terebinthus  
Rhamnus alaternus  
Rhamnus lycioides  
Rosa sempervirens  
Styrax officinalis  
Teucrium fruticans  
Viburnum tinus

### Native-broadleaf-trees

Acer campestre  
Acer cappadocicum  
Acer divergens  
Acer heldreichii  
Acer hyrcanum  
Acer monspessulanum  
Acer opalus aggr.  
Acer platanoides  
Acer pseudoplatanus  
Acer sempervirens  
Acer species  
Acer tataricum  
Acer trautvetteri  
Acer undulatum  
Aesculus hippocastanum  
Aesculus species  
Alnus cordata  
Alnus glutinosa  
Alnus incana

Alnus species  
Alnus x pubescens  
Betula litwinowii  
Betula obscura  
Betula oycoviensis  
Betula pendula  
Betula pendula var. fontqueri  
Betula pubescens  
Betula pubescens var. glabrata  
Betula pubescens var. pumila  
Betula species  
Carpinus betulus  
Carpinus orientalis  
Carpinus species  
Castanea sativa  
Castanea species  
Celtis australis  
Celtis planchoniana  
Celtis tournefortii  
Cercis siliquastrum  
Corylus colurna  
Crataegus azarolus  
Crataegus germanica  
Cupressus sempervirens  
Cupressus species  
Diospyros lotus  
Elaeagnus angustifolia  
Elaeagnus species  
Fagus orientalis  
Fagus species  
Fagus sylvatica  
Fraxinus angustifolia  
Fraxinus excelsior  
Fraxinus ornus  
Fraxinus pallisae  
Fraxinus species  
Ilex aquifolium  
Ilex canariensis  
Ilex colchica  
Juglans regia  
Laurus azorica  
Laurus novocanariensis  
Malus dasyphylla  
Malus florentina  
Malus species  
Malus sylvestris  
Malus trilobata

Olea europaea  
Ostrya carpinifolia  
Phoenix canariensis  
Phoenix theophrasti  
Pistacia atlantica  
Platanus orientalis  
Platanus species  
Populus alba  
Populus nigra  
Populus species  
Populus tremula  
Populus x canescens  
Prunus avium  
Prunus brigantina  
Prunus cerasifera  
Prunus cocomilia  
Prunus padus  
Prunus species  
Pterocarya fraxinifolia  
Pyrus bourgaeana  
Pyrus communis  
Pyrus nivalis  
Quercus alnifolia  
Quercus aucheri  
Quercus brantii  
Quercus canariensis  
Quercus canariensis + petraea  
Quercus cerris  
Quercus coccifera  
Quercus congesta  
Quercus crenata  
Quercus dalechampii  
Quercus faginea  
Quercus frainetto  
Quercus gussonei  
Quercus hartwissiana  
Quercus humilis + cerrioides  
Quercus ichnusae  
Quercus ilex  
Quercus infectoria  
Quercus ithaburensis  
Quercus macranthera  
Quercus pauciradiata  
Quercus petraea  
Quercus pontica  
Quercus pubescens  
Quercus pyrenaica



Quercus robur  
Quercus rotundifolia  
Quercus species  
Quercus suber  
Quercus trojana  
Quercus x airensis  
Quercus x allorgeana  
Quercus x andegavensis  
Quercus x arrimatensis  
Quercus x bedaei  
Quercus x calvescens  
Quercus x cerrioides  
Quercus x firmurensis  
Quercus x fontanesii  
Quercus x fontqueri  
Quercus x gracilis  
Quercus x kernerii  
Quercus x marianica  
Quercus x mixta  
Quercus x montserratii  
Quercus x neomairei  
Quercus x numantina  
Quercus x nummantina  
Quercus x penasii  
Quercus x rosacea  
Quercus x rotensis  
Quercus x salcedoi  
Quercus x senneniana  
Quercus x streimii  
Quercus x trabutii  
Quercus x welwitschii  
Salix alba  
Salix caprea  
Salix euxina  
Salix x fragilis  
Sorbus anglica  
Sorbus aria aggr.  
Sorbus aucuparia  
Sorbus bohemica  
Sorbus borbasii  
Sorbus carpatica  
Sorbus dacica  
Sorbus domestica  
Sorbus hardeggensis  
Sorbus hibernica  
Sorbus intermedia  
Sorbus latifolia

Sorbus pannonica  
Sorbus pekarovae  
Sorbus quercea  
Surbus portae-bohemicae  
Sorbus rhodanthera  
Sorbus roopiana  
Sorbus slovenica  
Sorbus sudetica  
Sorbus torminalis  
Sorbus umbellata  
Tilia cordata  
Tilia platyphyllos  
Tilia species  
Tilia tomentosa  
Tilia x vulgaris  
Ulmus glabra  
Ulmus laevis  
Ulmus minor  
Ulmus procera  
Ulmus species  
Zelkova abelicea

### Native-conifer-trees

Abies alba  
Abies borisii-regis  
Abies cephalonica  
Abies cilicica  
Abies nebrodensis  
Abies nordmanniana  
Abies pinsapo  
Abies sibirica  
Abies species  
Cedrus atlantica  
Cedrus libani  
Cedrus species  
Juniperus brevifolia  
Juniperus cedrus  
Juniperus drupacea  
Juniperus excelsa  
Juniperus foetidissima  
Juniperus thurifera  
Larix decidua  
Larix sibirica  
Larix species  
Picea abies  
Picea omorika  
Picea orientalis

Picea species  
Pinus canariensis  
Pinus cembra  
Pinus halepensis  
Pinus heldreichii  
Pinus mugo subsp. rotundata  
Pinus nigra  
Pinus peuce  
Pinus pinaster  
Pinus pinea  
Pinus sibirica  
Pinus species  
Pinus sylvestris  
Pinus uncinata  
Pinus x rhaetica  
Taxus baccata  
Taxus species

### Native-light-canopy-trees

Betula species  
Betula litwinowii  
Betula obscura  
Betula oycoviensis  
Betula pendula  
Betula pendula var. fontqueri  
Betula pubescens  
Betula pubescens var. glabrata  
Betula pubescens var. pumila  
Cedrus species  
Cedrus atlantica  
Cedrus libani  
Cupressus species  
Cupressus macrocarpa  
Cupressus sempervirens  
Juniperus brevifolia  
Juniperus cedrus  
Juniperus drupacea  
Juniperus excelsa  
Juniperus foetidissima  
Juniperus thurifera  
Larix species  
Larix decidua  
Larix sibirica  
Pinus species  
Pinus Xrhaetica  
Pinus canariensis  
Pinus cembra

Pinus halepensis  
Pinus heldreichii  
Pinus mugo subsp. rotundata  
Pinus nigra  
Pinus peuce  
Pinus pinaster  
Pinus pinea  
Pinus sibirica  
Pinus sylvestris  
Pinus uncinata  
Pinus x rhaetica  
Populus tremula  
Taxus species  
Taxus baccata  
Tetraclinis species  
Tetraclinis articulata

### Native-trees

Abies alba  
Abies borisii-regis  
Abies cephalonica  
Abies cilicica  
Abies nebrodensis  
Abies nordmanniana  
Abies pinsapo  
Abies sibirica  
Abies species  
Acer campestre  
Acer cappadocicum  
Acer divergens  
Acer heldreichii  
Acer hyrcanum  
Acer monspessulanum  
Acer opalus aggr.  
Acer platanoides  
Acer pseudoplatanus  
Acer sempervirens  
Acer species  
Acer tataricum  
Acer trautvetteri  
Acer undulatum  
Aesculus hippocastanum  
Aesculus species  
Alnus cordata  
Alnus glutinosa  
Alnus incana  
Alnus species

Alnus x pubescens  
Betula litwinowii  
Betula obscura  
Betula oycoviensis  
Betula pendula  
Betula pendula var. fontqueri  
Betula pubescens  
Betula pubescens var. glabrata  
Betula pubescens var. pumila  
Betula species  
Carpinus betulus  
Carpinus orientalis  
Carpinus species  
Castanea sativa  
Castanea species  
Cedrus atlantica  
Cedrus libani  
Cedrus species  
Celtis australis  
Celtis planchoniana  
Celtis tournefortii  
Cercis siliquastrum  
Corylus colurna  
Crataegus azarolus  
Crataegus germanica  
Cupressus sempervirens  
Cupressus species  
Diospyros lotus  
Elaeagnus angustifolia  
Elaeagnus species  
Fagus orientalis  
Fagus species  
Fagus sylvatica  
Fraxinus angustifolia  
Fraxinus excelsior  
Fraxinus ornus  
Fraxinus pallisae  
Fraxinus species  
Ilex aquifolium  
Ilex canariensis  
Ilex colchica  
Juglans regia  
Juniperus brevifolia  
Juniperus cedrus  
Juniperus drupacea  
Juniperus excelsa  
Juniperus foetidissima

Juniperus thurifera  
Larix decidua  
Larix sibirica  
Larix species  
Laurus azorica  
Laurus novocanariensis  
Malus dasycphylla  
Malus florentina  
Malus species  
Malus sylvestris  
Malus trilobata  
Olea europaea  
Ostrya carpinifolia  
Phoenix canariensis  
Phoenix theophrasti  
Picea abies  
Picea omorika  
Picea orientalis  
Picea species  
Pinus brutia  
Pinus canariensis  
Pinus cembra  
Pinus halepensis  
Pinus heldreichii  
Pinus mugo subsp. rotundata  
Pinus nigra  
Pinus peuce  
Pinus pinaster  
Pinus pinea  
Pinus sibirica  
Pinus species  
Pinus sylvestris  
Pinus uncinata  
Pinus x rhaetica  
Pistacia atlantica  
Platanus orientalis  
Platanus species  
Platyclusus orientalis  
Populus alba  
Populus nigra  
Populus species  
Populus tremula  
Populus x canescens  
Prunus avium  
Prunus brigantina  
Prunus cerasifera  
Prunus cocomilia

Prunus padus  
Prunus species  
Pterocarya fraxinifolia  
Pyrus bourgaeana  
Pyrus communis  
Pyrus nivalis  
Pyrus syriaca  
Quercus alnifolia  
Quercus aucheri  
Quercus brantii  
Quercus canariensis  
Quercus canariensis + petraea  
Quercus cerris  
Quercus coccifera  
Quercus congesta  
Quercus crenata  
Quercus dalechampii  
Quercus faginea  
Quercus frainetto  
Quercus gussonei  
Quercus hartwissiana  
Quercus humilis + cerrioides  
Quercus ichnusae  
Quercus ilex  
Quercus infectoria  
Quercus ithaburensis  
Quercus libani  
Quercus macranthera  
Quercus pauciradiata  
Quercus petraea  
Quercus pontica  
Quercus pubescens  
Quercus pyrenaica  
Quercus robur  
Quercus rotundifolia  
Quercus species  
Quercus suber  
Quercus trojana  
Quercus x airensis  
Quercus x allorgeana  
Quercus x andegavensis  
Quercus x arrimatensis  
Quercus x bedaei  
Quercus x calvescens  
Quercus x cerrioides  
Quercus x firmurensis  
Quercus x fontanesii

Quercus x fontqueri  
Quercus x gracilis  
Quercus x kernerii  
Quercus x marianica  
Quercus x mixta  
Quercus x montserratii  
Quercus x neomairei  
Quercus x numantina  
Quercus x nummantina  
Quercus x penasii  
Quercus x rosacea  
Quercus x rotensis  
Quercus x salcedoi  
Quercus x senneniana  
Quercus x streimii  
Quercus x trabutii  
Quercus x welwitschii  
Salix alba  
Salix caprea  
Salix euxina  
Salix x fragilis  
Sorbus anglica  
Sorbus aria aggr.  
Sorbus aucuparia  
Sorbus bohemica  
Sorbus borbasii  
Sorbus carpatica  
Sorbus dacica  
Sorbus domestica  
Sorbus hardeggensis  
Sorbus hibernica  
Sorbus hybrida aggr.  
Sorbus intermedia  
Sorbus latifolia  
Sorbus pannonica  
Sorbus pekarovae  
Sorbus portae-bohemicae  
Sorbus quercea  
Sorbus rhodanthera  
Sorbus roopiana  
Sorbus slovenica  
Sorbus sudetica  
Sorbus torminalis  
Sorbus umbellata  
Taxus baccata  
Taxus species  
Tilia cordata



Tilia platyphyllos  
Tilia species  
Tilia tomentosa  
Tilia x vulgaris  
Ulmus glabra  
Ulmus laevis  
Ulmus minor  
Ulmus procera  
Ulmus species  
Zelkova abelicea

### Noble-hardwood-trees-generalists

Acer platanoides  
Tilia cordata

### Noble-hardwood-trees-ravine-specialists

Acer opalus aggr.  
Acer pseudoplatanus  
Fraxinus excelsior  
Tilia platyphyllos  
Ulmus glabra

### Non-native-broadleaf-deciduous-trees

Acer negundo  
Acer saccharinum  
Aesculus carnea  
Ailanthus altissima  
Catalpa bignonioides  
Celtis occidentalis  
Fagus crenata  
Fagus sylvatica (cult.)  
Fraxinus americana  
Fraxinus pennsylvanica  
Gleditsia triacanthos  
Juglans cinerea  
Juglans mandshurica  
Juglans nigra  
Liriodendron tulipifera  
Malus baccata  
Malus prunifolia  
Malus pumila  
Morus alba  
Morus nigra  
Morus species  
Paulownia tomentosa  
Platanus occidentalis  
Platanus x hispanica

Populus balsamifera  
Populus carolinensis  
Populus laurifolia  
Populus nigra cv. 'Italica'  
Populus simonii  
Populus suaveolens  
Populus tremuloides  
Populus trichocarpa  
Populus x canadensis  
Populus x canadensis  
Prunus armeniaca  
Prunus cerasus  
Prunus domestica  
Prunus dulcis  
Pterocarya stenoptera  
Quercus coccinea  
Quercus palustris  
Quercus robur (cult.)  
Quercus rubra  
Quercus rubra (cult.)  
Robinia pseudoacacia  
Salix alba cv. chermesina  
Salix babylonica  
Salix blanda  
Styphnolobium japonicum  
Ulmus pumila  
Ulmus x hollandica

### Non-native-broadleaf-evergreen-trees

Acacia dealbata  
Acacia karoo  
Acacia melanoxylon  
Acacia saligna  
Eucalyptus camaldulensis  
Eucalyptus globulus  
Eucalyptus robustus  
Eucalyptus species  
Schinus molle  
Trachycarpus fortunei

### Non-native-conifer-trees

Abies concolor  
Abies grandis  
Abies procera  
Araucaria araucana  
Cedrus deodara  
Cupressus arizonica

Cupressus lusitanica  
Chamaecyparis lawsoniana  
Chamaecyparis pisifera  
Chamaecyparis species  
Cupressus macrocarpa  
Larix kaempferi  
Larix x eurolepis  
Metasequoia species  
Picea glauca  
Picea pungens  
Picea sitchensis  
Pinus banksiana  
Pinus contorta  
Pinus pinaster (cult.)  
Pinus radiata  
Pinus rigida  
Pinus strobus  
Pinus wallichiana  
Platycladus orientalis  
Pseudotsuga menziesii  
Sequoia sempervirens  
Sequoiadendron giganteum  
Taxodium distichum  
Thuja occidentalis  
Thuja plicata  
Thuja species  
Tsuga canadensis  
Tsuga heterophylla  
Tsuga species  
Xanthocyparis nootkatensis

### Non-native-trees

Abies concolor  
Abies grandis  
Abies procera  
Acacia dealbata  
Acacia karoo  
Acacia melanoxylon  
Acacia saligna  
Acer negundo  
Acer saccharinum  
Aesculus carnea  
Ailanthus altissima  
Araucaria araucana  
Catalpa bignonioides  
Cedrus deodara  
Celtis occidentalis

Chamaecyparis lawsoniana  
Chamaecyparis pisifera  
Chamaecyparis species  
Cupressus arizonica  
Cupressus lusitanica  
Cupressus macrocarpa  
Eucalyptus camaldulensis  
Eucalyptus globulus  
Eucalyptus robustus  
Eucalyptus species  
Fagus crenata  
Fagus sylvatica (cult.)  
Fraxinus americana  
Fraxinus pennsylvanica  
Gleditsia triacanthos  
Juglans cinerea  
Juglans mandshurica  
Juglans nigra  
Larix kaempferi  
Larix x eurolepis  
Liriodendron tulipifera  
Malus baccata  
Malus prunifolia  
Malus pumila  
Metasequoia species  
Morus alba  
Morus nigra  
Morus species  
Paulownia tomentosa  
Phoenix dactylifera  
Picea glauca  
Picea pungens  
Picea sitchensis  
Pinus banksiana  
Pinus contorta  
Pinus pinaster (cult.)  
Pinus radiata  
Pinus rigida  
Pinus strobus  
Pinus wallichiana  
Pistacia vera  
Platanus occidentalis  
Platanus x hispanica  
Platyclusus orientalis  
Populus balsamifera  
Populus carolinensis  
Populus laurifolia

Populus nigra cv. 'Italica'  
Populus simonii  
Populus suaveolens  
Populus tremuloides  
Populus trichocarpa  
Populus x canadensis  
Populus x canadensis  
Prunus armeniaca  
Prunus cerasus  
Prunus domestica  
Prunus dulcis  
Pseudotsuga menziesii  
Pterocarya stenoptera  
Quercus coccinea  
Quercus palustris  
Quercus robur (cult.)  
Quercus rubra  
Quercus rubra (cult.)  
Robinia pseudoacacia  
Salix alba cv. chermesina  
Salix babylonica  
Salix blanda  
Schinus molle  
Sequoia sempervirens  
Sequoiadendron giganteum  
Styphnolobium japonicum  
Taxodium distichum  
Thuja occidentalis  
Thuja plicata  
Thuja species  
Trachycarpus fortunei  
Tsuga canadensis  
Tsuga heterophylla  
Tsuga species  
Ulmus pumila  
Ulmus x hollandica  
Xanthocyparis nootkatensis

### Oak-hornbeam-forest-trees

Acer campestre  
Carpinus betulus  
Castanea sativa  
Quercus petraea  
Quercus robur  
Tilia tomentosa

### Olea-Ceratonia-woodland-shrubs

*Ceratonia siliqua*  
*Pistacia atlantica*  
*Pistacia lentiscus*

### *Oryza sativa*  
*Oryza sativa*

### Pan-Mediterranean-acidic-garrigue-shrubs  
*Calicotome villosa*  
*Cistus creticus*  
*Cistus laurifolius*  
*Cistus monspeliensis*  
*Cistus salviifolius*  
*Globularia alypum*  
*Helichrysum italicum*  
*Helichrysum stoechas*  
*Lavandula stoechas*  
*Micromeria graeca*  
*Rosmarinus officinalis*

### Pan-Mediterranean-basic-garrigue-shrubs  
*Argyrolobium zanonii*  
*Asparagus horridus*  
*Calicotome villosa*  
*Cistus creticus*  
*Dorycnium hirsutum*  
*Fumana arabica*  
*Fumana ericoides*  
*Fumana laevipes*  
*Fumana thymifolia*  
*Helianthemum syriacum*  
*Helichrysum italicum*  
*Micromeria graeca*  
*Micromeria nervosa*  
*Ononis minutissima*  
*Rosmarinus officinalis*  
*Ruta chalepensis*  
*Salvia officinalis*  
*Teucrium flavum*  
*Thymbra capitata*  
*Thymelaea hirsuta*  
*Thymelaea tartonraira*

### Phrygana-shrubs  
*Alhagi maurorum*  
*Euphorbia acanthothamnos*  
*Genista acanthoclada*

Genista fasselata  
Lithodora hispidula  
Onosma fruticosa  
Sarcopoterium spinosum  
Verbascum spinosum

### Picea

Picea abies  
Picea obovata  
Picea omorika  
Picea orientalis

### Pinus canariensis  
Pinus canariensis

### Pinus mugo  
Pinus mugo

### Pinus mugo aggr.  
Pinus mugo aggr.

### Pinus nigra  
Pinus nigra

### Pinus pinaster  
Pinus pinaster

### Pinus sylvestris  
Pinus sylvestris

### Pinus uncinata  
Pinus uncinata

### Pinus-heldreichii-peuce  
Pinus heldreichii  
Pinus peuce

### Pinus-sylvestris-nigra  
Pinus nigra  
Pinus sylvestris

### Populus tremula  
Populus tremula

### Prunus lusitanica  
Prunus lusitanica

### Pteridium aquilinum  
Pteridium aquilinum

### Quercus coccifera  
Quercus coccifera

### Quercus ithaburensis  
Quercus ithaburensis

### Quercus petraea-pyrenaica-robur  
Quercus petraea  
Quercus pyrenaica  
Quercus robur

### Raised-bog-Sphagnum  
Sphagnum angustifolium  
Sphagnum capillifolium  
Sphagnum fallax  
Sphagnum fallax + S. flexuosum + S. angustifolium  
Sphagnum flexuosum  
Sphagnum fuscum  
Sphagnum magellanicum  
Sphagnum recurvum  
Sphagnum recurvum aggr.  
Sphagnum rubellum  
Sphagnum russowii

### Ravine-forest-specialists  
Aruncus dioicus  
Asplenium scolopendrium  
Asplenium trichomanes  
Cystopteris fragilis  
Gymnocarpium dryopteris  
Lunaria rediviva  
Polypodium cambricum  
Polypodium interjectum  
Polypodium vulgare  
Polystichum aculeatum  
Scrophularia vernalis

### Sclerophyllous-tree-Quercus  
Quercus crenata  
Quercus ilex  
Quercus rotundifolia  
Quercus suber

### Semi-desert-riparian-shrubs



Alhagi maurorum  
Halimodendron halodendron  
Karelinia caspia  
Tamarix arceuthoides  
Tamarix elongata  
Tamarix hispida  
Tamarix kotschyi  
Tamarix laxa  
Tamarix mascatensis  
Tamarix octandra  
Tamarix tetragyna

### Semi-desert-sand-dune-with-sparse-scrub

Agriophyllum squarrosum  
Agropyron fragile  
Alyssum turkestanicum  
Artemisia arenaria  
Ceratocarpus arenarius  
Corispermum aralocaspicum  
Eremopyrum triticeum  
Leymus racemosus  
Peganum harmala  
Salsola tragus

### Shrubs

Acacia mearnsii  
Acacia pycnantha  
Acacia retinodes  
Acacia saligna  
Adenocarpus anisochilus  
Adenocarpus complicatus  
Adenocarpus decorticans  
Adenocarpus hispanicus  
Adenocarpus telonensis  
Adenocarpus viscosus  
Alhagi maurorum  
Alnus viridis  
Alnus viridis subsp. fruticosa  
Amelanchier species  
Amelanchier canadensis  
Amelanchier laevis  
Amelanchier lamarckii  
Amelanchier ovalis  
Amelanchier spicata  
Amorpha fruticosa  
Anagyris foetida  
Anthyllis barba-jovis

Arbutus andrachne  
Arbutus unedo  
Aronia species  
Aronia x prunifolia  
Artemisia arborescens  
Asparagus acutifolius  
Baccharis halimifolia  
Berberis aetnensis  
Berberis cretica  
Berberis thunbergii  
Berberis vulgaris  
Betula humilis  
Betula nana  
Broussonetia papyrifera  
Buddleja davidii  
Bupleurum fruticosum  
Buxus species  
Buxus balearica  
Buxus sempervirens  
Calicotome spinosa  
Calicotome villosa  
Caragana species  
Caragana arborescens  
Caragana frutex  
Caragana grandiflora  
Caragana pygmaea  
Caragana scythica  
Caragana stenophylla  
Ceratonia siliqua  
Cestrum parqui  
Chaenomeles japonica  
Chamaerops humilis  
Cistus calycinus  
Cistus ocymoides  
Cneorum tricoccon  
Colutea arborescens  
Colutea armena  
Colutea atlantica  
Colutea cilicica  
Colutea hispanica  
Colutea istria  
Colutea melanocalyx  
Coriaria myrtifolia  
Cornus species  
Cornus alba  
Cornus mas  
Cornus sanguinea

Cornus sericea  
Coronilla juncea  
Coronilla valentina  
Corylus species  
Corylus avellana  
Cotinus coggygria  
Cotoneaster species  
Cotoneaster acuminatus  
Cotoneaster bullatus  
Cotoneaster cinnabarinus  
Cotoneaster divaricatus  
Cotoneaster franchetii  
Cotoneaster frigidus  
Cotoneaster granatensis  
Cotoneaster horizontalis  
Cotoneaster integerrimus  
Cotoneaster integrifolius  
Cotoneaster lucidus  
Cotoneaster melanocarpus  
Cotoneaster microphyllus  
Cotoneaster multiflorus  
Cotoneaster simonsii  
Cotoneaster tomentosus  
Cotoneaster x matrensis  
Crataegus species  
Crataegus ambigua  
Crataegus coccinea  
Crataegus dipyrrena  
Crataegus fallacina  
Crataegus heldreichii  
Crataegus intricata  
Crataegus laciniata  
Crataegus laevigata  
Crataegus macrocarpa  
Crataegus meyeri  
Crataegus microphylla  
Crataegus mollis aggr.  
Crataegus mon. et ox.  
Crataegus monogyna  
Crataegus nigra  
Crataegus orientalis  
Crataegus pentagyna  
Crataegus pycnoloba  
Crataegus rhipidophylla  
Crataegus sanguinea  
Crataegus x media  
Cydonia oblonga

Cytisophyllum sessilifolium  
Cytisus Xpraecox  
Cytisus arboreus  
Cytisus ardoinii  
Cytisus cantabricus  
Cytisus commutatus  
Cytisus grandiflorus  
Cytisus multiflorus  
Cytisus procumbens  
Cytisus reverchonii  
Cytisus scoparius  
Cytisus striatus  
Cytisus supranubius  
Cytisus tommasinii  
Cytisus villosus  
Cytisus x praecox  
Daphne alpina  
Daphne blagayana  
Daphne glomerata  
Daphne gnidioides  
Daphne gnidium  
Daphne laureola  
Daphne mezereum  
Daphne pontica  
Daphne rodriguezii  
Daphne sericea  
Daphne x savensis  
Dasiphora fruticosa  
Deutzia scabra  
Elaeagnus commutata  
Elaeagnus x ebbingei  
Ephedra foeminea  
Ephedra fragilis  
Ephedra major  
Erica arborea  
Erica australis  
Erica lusitanica  
Erica scoparia  
Erica umbellata  
Euonymus species  
Euonymus europaeus  
Euonymus japonicus  
Euonymus latifolius  
Euonymus nanus  
Euonymus verrucosus  
Euphorbia characias  
Euphorbia dendroides

Euphorbia squamigera  
Ficus carica  
Flueggea tinctoria  
Forsythia species  
Forsythia europaea  
Forsythia suspensa  
Forsythia viridissima  
Forsythia x intermedia  
Frangula species  
Frangula alnus  
Frangula rupestris  
Genista aetnensis  
Genista cinerascens  
Genista falcata  
Genista florida  
Genista hystrix  
Genista linifolia  
Genista monspessulana  
Genista polyanthos  
Genista sessilifolia  
Genista spartioides  
Genista tinctoria  
Genista tournefortii  
Genista triacanthos  
Genista tridens  
Genista valentina  
Gomphocarpus fruticosus  
Halimodendron halodendron  
Hippocrepis emerus  
Hippophae species  
Hippophae rhamnoides  
Hypericum androsaemum  
Hypericum calycinum  
Hypericum hircinum  
Hypericum xylosteifolium  
Ilex aquifolium  
Ilex canariensis  
Ilex colchica  
Jasminum fruticans  
Juniperus species  
Juniperus chinensis  
Juniperus communis subsp. communis  
Juniperus communis subsp. nana  
Juniperus oxycedrus  
Juniperus phoenicea  
Juniperus sabina  
Juniperus virginiana

Karelinia caspia  
Laburnum alpinum  
Laburnum anagyroides  
Lantana camara  
Launaea arborescens  
Laurus nobilis  
Ligustrum species  
Ligustrum japonicum  
Ligustrum lucidum  
Ligustrum ovalifolium  
Ligustrum vulgare  
Lonicera species  
Lonicera alpigena  
Lonicera arborea  
Lonicera biflora  
Lonicera caerulea  
Lonicera caucasica  
Lonicera formanekiana  
Lonicera hellenica  
Lonicera involucrata  
Lonicera nigra  
Lonicera nitida  
Lonicera nummularifolia  
Lonicera nummulariifolia  
Lonicera pyrenaica  
Lonicera splendida  
Lonicera tatarica  
Lonicera xylosteum  
Lycium afrum  
Lycium barbarum  
Lycium chinense  
Lycium europaeum  
Lycium intricatum  
Mahonia aquifolium  
Malva arborea  
Malva olbia  
Malva subovata  
Medicago arborea  
Morella faya  
Myoporum tenuifolium  
Myrica species  
Myrica gale  
Myricaria germanica  
Myrtus communis  
Nerium oleander  
Nicotiana glauca  
Olea europaea

Osmanthus decorus  
Osyris alba  
Osyris lanceolata  
Paliurus species  
Paliurus spina-christi  
Philadelphus species  
Philadelphus coronarius  
Philadelphus pubescens  
Phillyrea species  
Phillyrea angustifolia  
Phillyrea latifolia  
Physocarpus opulifolius  
Pinus mugo  
Pinus mugo aggr.  
Pistacia lentiscus  
Pistacia terebinthus  
Polygonum equisetiforme  
Polygonum scoparium  
Potentilla parvifolia  
Prunus cerasifera  
Prunus fruticosa  
Prunus laurocerasus  
Prunus lusitanica  
Prunus lusitanica subsp. lusitanica  
Prunus mahaleb  
Prunus padus subsp. borealis  
Prunus persica  
Prunus ramburii  
Prunus serotina  
Prunus spinosa  
Prunus tenella  
Prunus virginiana  
Prunus webbii  
Prunus x eminens  
Prunus x fruticans  
Ptelea trifoliata  
Punica granatum  
Pyracantha coccinea  
Pyrus species  
Pyrus cordata  
Pyrus elaeagrifolia  
Pyrus eleagrifolia subsp. bulgarica  
Pyrus nivalis  
Pyrus spinosa  
Quercus coccifera  
Quercus infectoria  
Quercus lusitanica

Rhamnus species  
Rhamnus alaternus  
Rhamnus alpina  
Rhamnus cathartica  
Rhamnus cornifolius  
Rhamnus depressus  
Rhamnus hirtellus  
Rhamnus imeretinus  
Rhamnus intermedius  
Rhamnus kurdicus  
Rhamnus libanoticus  
Rhamnus ludovici-salvatoris  
Rhamnus lycioides  
Rhamnus microcarpus  
Rhamnus myrtifolius  
Rhamnus nitidus  
Rhamnus orbiculatus  
Rhamnus pallasii  
Rhamnus pumilus  
Rhamnus punctatus  
Rhamnus pyrellus  
Rhamnus rhodopeus  
Rhamnus sibthorpianus  
Rhamnus thymifolius  
Rhamnus x colmeiroi  
Rhododendron species  
Rhododendron luteum  
Rhododendron ponticum  
Rhododendron smirnowii  
Rhododendron ungerii  
Rhus coriaria  
Rhus typhina  
Ribes species  
Ribes alpinum  
Ribes aureum  
Ribes biebersteinii  
Ribes cf. petraeum  
Ribes multiflorum  
Ribes nigrum  
Ribes orientale  
Ribes petraeum  
Ribes rubrum aggr.  
Ribes sanguineum  
Ribes uva-crispa  
Rosa species  
Rosa abietina  
Rosa acicularis



Rosa agrestis  
Rosa agrestis x micrantha  
Rosa arvensis  
Rosa arvensis x sempervirens  
Rosa balcarica  
Rosa balsamica  
Rosa boissieri  
Rosa caesia  
Rosa caesia aggr.  
Rosa canina aggr.  
Rosa canina f. litetiana  
Rosa canina x deseglisei  
Rosa canina x micrantha  
Rosa caryophyllacea  
Rosa donetzica  
Rosa foetida  
Rosa gallica  
Rosa glabrifolia  
Rosa glauca  
Rosa gr. canina  
Rosa heckeliana  
Rosa inodora  
Rosa majalis  
Rosa marginata  
Rosa marschalliana  
Rosa micrantha  
Rosa mollis  
Rosa montana  
Rosa moschata  
Rosa multiflora  
Rosa obtusifolia aggr.  
Rosa pendulina  
Rosa pouzinii  
Rosa pulverulenta  
Rosa rubiginosa  
Rosa rubiginosa aggr.  
Rosa rugosa  
Rosa scabriuscula  
Rosa sempervirens  
Rosa serafinii  
Rosa sherardii  
Rosa spinosissima  
Rosa squarrosa x canina  
Rosa stylosa  
Rosa subcanina  
Rosa tomentosa  
Rosa turcica

Rosa villosa  
Rosa virginiana  
Rosa vosagiaca aggr.  
Rosa x alba  
Rosa x dumetorum  
Rosa x pervirens  
Rubus caesius  
Rubus fruticosus aggr.  
Rubus idaeus  
Rubus sanctus  
Rubus ulmifolius  
Salix amplexicaulis  
Salix apennina  
Salix apoda  
Salix appendiculata  
Salix arbuscula  
Salix arbuscula aggr.  
Salix atrocinerea x aurita  
Salix aurita  
Salix aurita x atrocinerea  
Salix bicolor  
Salix caesia  
Salix cantabrica  
Salix caspica  
Salix cinerea  
Salix daphnoides  
Salix eleagnos  
Salix foetida  
Salix fragilis x pentandra  
Salix glabra  
Salix glauca  
Salix glaucosericea  
Salix hastata  
Salix hegetschweileri  
Salix helvetica  
Salix krylovii  
Salix laggeri  
Salix lanata  
Salix lapponum  
Salix mielichhoferi  
Salix myrsinifolia  
Salix myrsinites  
Salix myrsinites gr.  
Salix nummularia  
Salix pedicellata  
Salix pentandra  
Salix phlebophylla

Salix phylicifolia  
Salix phylicifolia x glauca  
Salix pulchra  
Salix purpurea  
Salix pyrenaica  
Salix pyrolifolia  
Salix salviifolia  
Salix silesiaca  
Salix silesiaca x aurita  
Salix silesiaca x caprea  
Salix starkeana  
Salix triandra  
Salix viminalis  
Salix viminalis x purpurea  
Salix vinogradovii  
Salix waldsteiniana  
Salix x ambigua  
Salix x capreola  
Salix x rubra  
Salsola dendroides  
Salsola laricina  
Salsola vermiculata  
Salvia fruticosa  
Sambucus species  
Sambucus canadensis  
Sambucus nigra  
Sambucus racemosa  
Sambucus sibirica  
Searsia pentaphylla  
Searsia tripartita  
Sorbaria tomentosa  
Sorbus chamaemespilus  
Sorbus rupicola  
Sorbus sambucifolia  
Spartium junceum  
Spiraea species  
Spiraea alba  
Spiraea cana  
Spiraea cantoniensis  
Spiraea chamaedryfolia  
Spiraea crenata  
Spiraea decumbens  
Spiraea douglasii  
Spiraea hypericifolia  
Spiraea japonica  
Spiraea media  
Spiraea media subsp. media

Spiraea menziesii  
Spiraea salicifolia  
Spiraea tomentosa  
Spiraea x billardii  
Spiraea x vanhouttei  
Staphylea pinnata  
Styrax officinalis  
Suaeda vera  
Symphoricarpos species  
Symphoricarpos albus  
Syringa species  
Syringa vulgaris  
Tamarix species  
Tamarix africana  
Tamarix arceuthoides  
Tamarix canariensis  
Tamarix dalmatica  
Tamarix elongata  
Tamarix gallica  
Tamarix gracilis  
Tamarix hampeana  
Tamarix hispida  
Tamarix kotschyi  
Tamarix laxa  
Tamarix octandra  
Tamarix parviflora  
Tamarix ramosissima  
Tamarix smyrnensis  
Tamarix tetragyna  
Tamarix tetrandra  
Teucrium fruticans  
Ulex airensis  
Ulex argenteus  
Ulex boivinii  
Ulex europaeus  
Vaccinium arctostaphylos  
Vaccinium corymbosum  
Vaccinium macrocarpon  
Viburnum species  
Viburnum lantana  
Viburnum opulus  
Viburnum orientale  
Viburnum tinus  
Vitex agnus-castus  
Weigela florida  
Ziziphus jujuba  
Zizyphus lotus

### Softwood-riparian-trees

Populus alba  
Populus nigra  
Salix alba  
Salix euxina  
Salix x fragilis

### Sphagnum

Sphagnum species  
Sphagnum sect. Acutifolia  
Sphagnum sect. Cuspidata  
Sphagnum acutifolium  
Sphagnum affine  
Sphagnum amblyphyllum  
Sphagnum angermanicum  
Sphagnum angustifolium  
Sphagnum annulatum  
Sphagnum aongstroemii  
Sphagnum apiculatum  
Sphagnum auriculatum  
Sphagnum austinii  
Sphagnum balticum  
Sphagnum bavaricum  
Sphagnum brevifolium  
Sphagnum capillifolium  
Sphagnum centrale  
Sphagnum cf. magellanicum  
Sphagnum compactum  
Sphagnum compactum + S. molle  
Sphagnum contortum  
Sphagnum crassicladium  
Sphagnum cuspidatum  
Sphagnum cymbifolium  
Sphagnum denticulatum  
Sphagnum dusenii  
Sphagnum fallax  
Sphagnum fallax + S. flexuosum + S. angustifolium  
Sphagnum fimbriatum  
Sphagnum flexuosum  
Sphagnum fuscum  
Sphagnum girgensohnii  
Sphagnum imbricatum  
Sphagnum inundatum  
Sphagnum jensenii  
Sphagnum lenense  
Sphagnum lindbergii

Sphagnum magellanicum  
Sphagnum majus  
Sphagnum molle  
Sphagnum nemoreum  
Sphagnum obesum  
Sphagnum obtusum  
Sphagnum palustre  
Sphagnum palustre + S. papillosum  
Sphagnum palustre s.l.  
Sphagnum papillosum  
Sphagnum platyphyllum  
Sphagnum plumulosum  
Sphagnum pulchrum  
Sphagnum pylaiei  
Sphagnum pylaisii  
Sphagnum quinquefarium  
Sphagnum recurvum  
Sphagnum recurvum aggr.  
Sphagnum riparium  
Sphagnum robustum  
Sphagnum rubellum  
Sphagnum rufescens  
Sphagnum russowii  
Sphagnum sect. Acutifolia  
Sphagnum sect. Cuspidata  
Sphagnum sect. Palustria  
Sphagnum sect. Subsecunda  
Sphagnum squarrosum  
Sphagnum strictum  
Sphagnum subbicolor  
Sphagnum subfulvum  
Sphagnum subnitens  
Sphagnum subsecundum  
Sphagnum tenellum  
Sphagnum tenerum  
Sphagnum teres  
Sphagnum turgidulum  
Sphagnum turgidum  
Sphagnum warnstorffii  
Sphagnum wulfianum

### Subalpine

Bellidiastrum michelii  
Campanula scheuchzeri  
Clematis alpina  
Festuca flavescens  
Geranium sylvaticum aggr.

Hieracium prenanthoides  
Homogyne alpina  
Juniperus communis subsp. nana  
Peucedanum ostruthium  
Phyteuma orbiculare  
Pinus mugo  
Poa alpina  
Pulsatilla alpina  
Ranunculus breyninus  
Rhododendron ferrugineum  
Rhododendron hirsutum  
Rhodothamnus chamaecistus  
Soldanella alpina  
Sorbus chamaemespilus  
Valeriana tripteris  
Veratrum album  
Veratrum lobelianum  
Viola biflora

### Subalpine-and-subarctic-deciduous-shrubs

Alnus viridis  
Alnus viridis subsp. fruticosa  
Prunus padus subsp. borealis  
Rhamnus alpina  
Salix appendiculata  
Salix bicolor  
Salix caesia  
Salix daphnoides  
Salix foetida  
Salix glabra  
Salix glauca  
Salix glaucosericea  
Salix hastata  
Salix hegetschweileri  
Salix helvetica  
Salix laggeri  
Salix lanata  
Salix lapponum  
Salix mielichhoferi  
Salix myrsinifolia  
Salix pentandra  
Salix phylicifolia  
Salix pulchra  
Salix silesiaca  
Salix waldsteiniana  
Sorbus chamaemespilus  
Sorbus sudetica

### Subalpine-conifers

*Larix decidua*  
*Pinus cembra*

### Submediterranean-deciduous-shrubs

*Acer monspessulanum*  
*Amelanchier ovalis*  
*Berberis vulgaris*  
*Buxus sempervirens*  
*Carpinus orientalis*  
*Coriaria myrtifolia*  
*Cornus mas*  
*Cotinus coggygria*  
*Cotoneaster delphinensis*  
*Cotoneaster granatensis*  
*Cotoneaster tomentosus*  
*Cydonia oblonga*  
*Cytisophyllum sessilifolium*  
*Forsythia europaea*  
*Malus dasycphylla*  
*Paliurus spina-christi*  
*Prunus cerasifera*  
*Prunus mahaleb*  
*Pyrus cordata*  
*Rhamnus saxatilis*  
*Rosa montana*  
*Rosa pouzinii*  
*Rosa rhaetica*  
*Spiraea crenata*  
*Syringa vulgaris*  
*Viburnum lantana*

### *Taxus baccata*

*Taxus baccata*

### Teide-summit-plants

*Adenocarpus viscosus*  
*Andryala pinnatifida*  
*Argyranthemum tenerifae*  
*Arrhenatherum calderae*  
*Bencomia exstipulata*  
*Cheirolophus teydis*  
*Cytisus supranubius*  
*Descurainia bourgaeana*  
*Descurainia gonzalesii*  
*Echium auberianum*



Echium gentianoides  
Echium wildpretii subsp. trichosiphon  
Erigeron calderae  
Erysimum scoparium  
Genista benehoavensis  
Helianthemum juliae  
Micromeria lachnophylla  
Micromeria lasiophylla subsp. lasiophylla  
Micromeria lasiophylla subsp. palmensis  
Nepeta teydea  
Pimpinella cumbrae  
Polycarpaea tenuis  
Pterocephalus lasiospermus  
Pterocephalus porphyranthus  
Rhaponticum canariense  
Silene nocteolens  
Tolpis webbii  
Viola cheiranthifolia

### Temperate-Abies

Abies alba  
Abies nordmanniana

### Temperate-Rubus

Rubus caesius  
Rubus fruticosus aggr.  
Rubus idaeus

### Temperate-deciduous-shrubs

Acer campestre  
Berberis vulgaris  
Caragana arborescens  
Clematis vitalba  
Cornus sanguinea  
Cotoneaster integerrimus  
Crataegus laevigata  
Crataegus macrocarpa  
Crataegus monogyna  
Euonymus europaeus  
Ligustrum vulgare  
Lonicera xylosteum  
Malus sylvestris  
Prunus spinosa  
Prunus x eminens  
Rhamnus cathartica  
Ribes alpinum  
Rosa agrestis

Rosa caesia  
Rosa canina aggr.  
Rosa foetida  
Rosa glauca  
Rosa inodora  
Rosa majalis  
Rosa marginata  
Rosa micrantha  
Rosa mollis  
Rosa pendulina  
Rosa pulverulenta  
Rosa rubiginosa  
Rosa sherardii  
Rosa stylosa  
Rosa tomentosa  
Rosa villosa  
Salix caprea  
Sambucus nigra  
Sambucus racemosa  
Sorbus aria aggr.  
Sorbus aucuparia  
Spiraea chamaedryfolia  
Viburnum opulus

### Temperate-fen-shrubs

Betula humilis  
Dasiphora fruticosa  
Frangula alnus  
Myrica gale  
Salix aurita  
Salix cinerea  
Salix myrsinifolia  
Salix myrtilloides  
Salix pentandra  
Salix repens

### Temperate-genistoid-shrubs

Cytisus scoparius  
Ulex europaeus

### Temperate-riparian-forest-species

Caltha palustris  
Carex acutiformis  
Crepis paludosa  
Deschampsia cespitosa  
Filipendula ulmaria  
Galium palustre

Humulus lupulus  
Iris pseudacorus  
Juncus effusus  
Lycopus europaeus  
Lysimachia vulgaris  
Poa trivialis  
Prunus padus  
Ranunculus repens  
Ribes rubrum aggr.  
Rubus caesius  
Rumex sanguineus  
Schedonorus giganteus

### Temperate-riparian-shrubs

Hippophae rhamnoides  
Myricaria germanica  
Salix cantabrica  
Salix daphnoides  
Salix eleagnos  
Salix pedicellata  
Salix purpurea  
Salix salviifolia  
Salix triandra  
Salix viminalis

### Temperate-submediterranean-deciduous-shrubs

Acer campestre  
Acer monspessulanum  
Amelanchier ovalis  
Berberis vulgaris  
Buxus sempervirens  
Caragana arborescens  
Clematis vitalba  
Coriaria myrtifolia  
Cornus mas  
Cornus sanguinea  
Cotinus coggygria  
Cotoneaster delphinensis  
Cotoneaster granatensis  
Cotoneaster integerrimus  
Cotoneaster tomentosus  
Crataegus laevigata  
Crataegus macrocarpa  
Crataegus monogyna  
Cydonia oblonga  
Cytisophyllum sessilifolium  
Euonymus europaeus

Forsythia europaea  
Ligustrum vulgare  
Lonicera xylosteum  
Malus dasyphylla  
Malus sylvestris  
Paliurus spina-christi  
Prunus cerasifera  
Prunus mahaleb  
Prunus spinosa  
Prunus x eminens  
Pyrus cordata  
Rhamnus cathartica  
Rhamnus saxatilis  
Ribes alpinum  
Rosa agrestis  
Rosa caesia  
Rosa canina aggr.  
Rosa foetida  
Rosa glauca  
Rosa inodora  
Rosa majalis  
Rosa marginata  
Rosa micrantha  
Rosa mollis  
Rosa montana  
Rosa pendulina  
Rosa pouzinii  
Rosa pulverulenta  
Rosa rhaetica  
Rosa rubiginosa  
Rosa sherardii  
Rosa stylosa  
Rosa tomentosa  
Rosa villosa  
Salix caprea  
Sambucus nigra  
Sambucus racemosa  
Sorbus aria aggr.  
Sorbus aucuparia  
Spiraea chamaedryfolia  
Spiraea crenata  
Viburnum lantana  
Viburnum opulus

### Temperate-upland-riparian-forest-species

Alnus incana  
Chaerophyllum hirsutum

Petasites albus  
Sambucus racemosa  
Silene dioica  
Thalictrum aquilegiifolium

### Thermomediterranean-shrubs

Asparagus albus  
Asparagus horridus  
Chamaerops humilis  
Cytisus aeolicus  
Euphorbia dendroides  
Genista ephedroides  
Genista majorica  
Maytenus senegalensis  
Periploca angustifolia  
Ziziphus lotus

### Thermophilous-oak-forest-trees

Acer monspessulanum  
Carpinus orientalis  
Celtis australis  
Fraxinus ornus  
Ostrya carpinifolia  
Quercus canariensis  
Quercus cerris  
Quercus congesta  
Quercus dalechampii  
Quercus faginea  
Quercus frainetto  
Quercus gussonei  
Quercus hartwissiana  
Quercus ichnusae  
Quercus macranthera  
Quercus pubescens  
Quercus pyrenaica  
Quercus trojana  
Sorbus domestica  
Sorbus torminalis

### Trees

Abies alba  
Abies borisii-regis  
Abies cephalonica  
Abies cilicica  
Abies concolor  
Abies grandis  
Abies nebrodensis

Abies nordmanniana  
Abies pinsapo  
Abies procera  
Abies sibirica  
Abies species  
Acacia dealbata  
Acacia karoo  
Acacia melanoxylon  
Acacia saligna  
Acer campestre  
Acer cappadocicum  
Acer divergens  
Acer heldreichii  
Acer hyrcanum  
Acer monspessulanum  
Acer negundo  
Acer opalus aggr.  
Acer platanoides  
Acer pseudoplatanus  
Acer saccharinum  
Acer sempervirens  
Acer species  
Acer tataricum  
Acer trautvetteri  
Acer undulatum  
Aesculus carnea  
Aesculus hippocastanum  
Aesculus species  
Ailanthus altissima  
Alnus cordata  
Alnus glutinosa  
Alnus incana  
Alnus species  
Alnus x pubescens  
Araucaria araucana  
Betula litwinowii  
Betula obscura  
Betula oycoviensis  
Betula pendula  
Betula pendula var. fontqueri  
Betula pubescens  
Betula pubescens var. glabrata  
Betula pubescens var. pumila  
Betula species  
Carpinus betulus  
Carpinus orientalis  
Carpinus species

Castanea sativa  
Castanea species  
Catalpa bignonioides  
Cedrus atlantica  
Cedrus deodara  
Cedrus libani  
Cedrus species  
Celtis australis  
Celtis occidentalis  
Celtis planchoniana  
Celtis tournefortii  
Cercis siliquastrum  
Chamaecyparis lawsoniana  
Chamaecyparis pisifera  
Chamaecyparis species  
Corylus colurna  
Crataegus azarolus  
Crataegus germanica  
Cupressus arizonica  
Cupressus lusitanica  
Cupressus macrocarpa  
Cupressus sempervirens  
Cupressus species  
Diospyros lotus  
Elaeagnus angustifolia  
Elaeagnus species  
Eucalyptus camaldulensis  
Eucalyptus globulus  
Eucalyptus robustus  
Eucalyptus species  
Fagus crenata  
Fagus orientalis  
Fagus species  
Fagus sylvatica  
Fagus sylvatica (cult.)  
Fraxinus americana  
Fraxinus angustifolia  
Fraxinus excelsior  
Fraxinus ornus  
Fraxinus pallisae  
Fraxinus pennsylvanica  
Fraxinus species  
Gleditsia triacanthos  
Ilex aquifolium  
Ilex canariensis  
Ilex colchica  
Juglans cinerea

Juglans mandshurica  
Juglans nigra  
Juglans regia  
Juniperus brevifolia  
Juniperus cedrus  
Juniperus drupacea  
Juniperus excelsa  
Juniperus foetidissima  
Juniperus thurifera  
Larix decidua  
Larix kaempferi  
Larix sibirica  
Larix species  
Larix x eurolepis  
Laurus azorica  
Laurus novocanariensis  
Liriodendron tulipifera  
Malus baccata  
Malus dasycphylla  
Malus florentina  
Malus prunifolia  
Malus pumila  
Malus species  
Malus sylvestris  
Malus trilobata  
Metasequoia species  
Morus alba  
Morus nigra  
Morus species  
Olea europaea  
Ostrya carpinifolia  
Paulownia tomentosa  
Phoenix canariensis  
Phoenix dactylifera  
Phoenix theophrasti  
Picea abies  
Picea glauca  
Picea omorika  
Picea orientalis  
Picea pungens  
Picea sitchensis  
Picea species  
Pinus banksiana  
Pinus brutia  
Pinus canariensis  
Pinus cembra  
Pinus contorta



Pinus halepensis  
Pinus heldreichii  
Pinus mugo aggr.  
Pinus mugo subsp. rotundata  
Pinus nigra  
Pinus peuce  
Pinus pinaster  
Pinus pinaster (cult.)  
Pinus pinea  
Pinus radiata  
Pinus rigida  
Pinus sibirica  
Pinus species  
Pinus strobus  
Pinus sylvestris  
Pinus uncinata  
Pinus wallichiana  
Pinus x rhaetica  
Pistacia atlantica  
Pistacia vera  
Platanus occidentalis  
Platanus orientalis  
Platanus species  
Platanus x hispanica  
Platycladus orientalis  
Platycladus orientalis  
Populus alba  
Populus balsamifera  
Populus carolinensis  
Populus laurifolia  
Populus nigra  
Populus nigra cv. 'Italica'  
Populus simonii  
Populus species  
Populus suaveolens  
Populus tremula  
Populus tremuloides  
Populus trichocarpa  
Populus x canadensis  
Populus x canescens  
Prunus armeniaca  
Prunus avium  
Prunus brigantina  
Prunus cerasifera  
Prunus cerasus  
Prunus cocomilia  
Prunus domestica

Prunus dulcis  
Prunus padus  
Prunus species  
Pseudotsuga menziesii  
Pterocarya fraxinifolia  
Pterocarya stenoptera  
Pyrus bourgaeana  
Pyrus communis  
Pyrus nivalis  
Pyrus syriaca  
Quercus alnifolia  
Quercus aucheri  
Quercus brantii  
Quercus canariensis  
Quercus canariensis + petraea  
Quercus cerris  
Quercus coccifera  
Quercus coccinea  
Quercus congesta  
Quercus crenata  
Quercus dalechampii  
Quercus faginea  
Quercus frainetto  
Quercus gussonei  
Quercus hartwissiana  
Quercus humilis + cerrioides  
Quercus ichnusae  
Quercus ilex  
Quercus infectoria  
Quercus ithaburensis  
Quercus libani  
Quercus macranthera  
Quercus palustris  
Quercus pauciradiata  
Quercus petraea  
Quercus pontica  
Quercus pubescens  
Quercus pyrenaica  
Quercus robur  
Quercus robur (cult.)  
Quercus rotundifolia  
Quercus rubra  
Quercus rubra (cult.)  
Quercus species  
Quercus suber  
Quercus trojana  
Quercus x airensis

Quercus x allorgeana  
Quercus x andegavensis  
Quercus x arrimatensis  
Quercus x bedaei  
Quercus x calvescens  
Quercus x cerrioides  
Quercus x firmurensis  
Quercus x fontanesii  
Quercus x fontqueri  
Quercus x gracilis  
Quercus x kernerii  
Quercus x marianica  
Quercus x mixta  
Quercus x montserratii  
Quercus x neomairei  
Quercus x numantina  
Quercus x nummantina  
Quercus x penasii  
Quercus x rosacea  
Quercus x rotensis  
Quercus x salcedoi  
Quercus x senneniana  
Quercus x streimii  
Quercus x trabutii  
Quercus x welwitschii  
Robinia pseudoacacia  
Salix alba  
Salix alba cv. chermesina  
Salix babylonica  
Salix blanda  
Salix caprea  
Salix euxina  
Salix x fragilis  
Schinus molle  
Sequoia sempervirens  
Sequoiadendron giganteum  
Sorbus anglica  
Sorbus aria aggr.  
Sorbus aucuparia  
Sorbus aucuparia X Sorbus aria  
Sorbus bohemica  
Sorbus borbasii  
Sorbus carpatica  
Sorbus dacica  
Sorbus domestica  
Sorbus hardeggensis  
Sorbus hibernica

Sorbus hybrida aggr.  
Sorbus intermedia  
Sorbus latifolia  
Sorbus pannonica  
Sorbus pekarovae  
Sorbus portae-bohemicae  
Sorbus quercea  
Sorbus rhodanthera  
Sorbus roopiana  
Sorbus slovenica  
Sorbus species  
Sorbus sudetica  
Sorbus torminalis  
Sorbus umbellata  
Styphnolobium japonicum  
Taxodium distichum  
Taxus baccata  
Taxus species  
Thuja occidentalis  
Thuja plicata  
Thuja species  
Tilia cordata  
Tilia platyphyllos  
Tilia species  
Tilia tomentosa  
Tilia x vulgaris  
Trachycarpus fortunei  
Tsuga canadensis  
Tsuga heterophylla  
Tsuga species  
Ulmus glabra  
Ulmus laevis  
Ulmus minor  
Ulmus procera  
Ulmus pumila  
Ulmus species  
Ulmus x hollandica  
Xanthocyparis nootkatensis  
Zelkova abelicea

### W-Mediterranean-coastal-spiny-shrubs

Astragalus balearicus  
Astragalus tragacantha  
Carthamus balearicus  
Dorycnium fulgurans  
Genista corsica  
Genista morisii

Genista sardoa  
Launaea cervicornis  
Teucrium subspinosum

### W-Mediterranean-mountain-thorny-cushion-shrubs

Bupleurum fruticescens  
Cytisus balansae  
Echinopartum ibericum  
Echinopartum lusitanicum  
Erinacea anthyllis  
Genista lobelii subsp. longipes  
Genista sanabrensis  
Genista versicolor  
Vella castrilensis  
Vella spinosa

### W-acidic-garrigue-herbs

Allium scorzonerifolium  
Armeria macrophylla  
Armeria pinifolia  
Armeria rouyana  
Armeria velutina  
Centaurea alba aggr.  
Centaurea carratracensis  
Centaurea hanrii  
Centaurea sagredoii  
Crepis leontodontoides  
Cytinus hypocistis  
Dianthus broteri  
Galatella aragonensis  
Helichrysum italicum  
Helictochloa hackelii  
Hypericum australe  
Klasea baetica  
Narcissus triandrus  
Odontarrhena serpyllifolia  
Odontites lanceolatus  
Orchis olbiensis  
Orobanche artemisiae-campestris  
Scorzonera baetica  
Sideritis lacaitae  
Sideritis marianica  
Sideritis paulii  
Sideritis perezlarae  
Staezelina baetica  
Thymelaea lythroides  
Thymus albicans

Thymus camphoratus  
Thymus capitellatus  
Thymus leptophyllus  
Thymus zygis

### W-acidic-garrigue-shrubs

Cistus albidus  
Cistus atriplicifolius  
Cistus calycinus  
Cistus crispus  
Cistus halimifolius  
Cistus ladanifer  
Cistus lasianthus  
Cistus libanotis  
Cistus populifolius  
Cistus umbellatus  
Cistus varius  
Lavandula stoechas  
Sideritis arborescens  
Sideritis hirsuta  
Teucrium marum  
Thymus mastichina  
Ulex argenteus  
Ulex borgiae  
Ulex genistoides  
Ulex genistoides subsp. spectabilis  
Ulex parviflorus

### W-basic-garrigue-herbs

Andryala agardhii  
Aphyllanthes monspeliensis  
Arenaria arcuatociliata  
Arenaria delaguardiae  
Arenaria tomentosa  
Aristolochia bianorii  
Aristolochia pistolochia  
Armeria filicaulis  
Armeria villosa  
Astragalus bourgaeanus  
Astragalus glaux  
Astragalus incanus  
Astragalus monspessulanus  
Astragalus turolensis  
Atractylis cancellata  
Atractylis humilis  
Bupleurum rigidum  
Carlina gummifera

Catananche caerulea  
Centaurea alba aggr.  
Centaurea antennata  
Centaurea emigrantis  
Centaurea gadorensis  
Centaurea genesii-lopezii  
Centaurea granatensis  
Centaurea hyssopifolia  
Centaurea jaennensis  
Centaurea linifolia  
Centaurea monticola  
Centaurea pinae  
Centaurea resupinata  
Centaurea toletana  
Convolvulus lanuginosus  
Coris monspeliensis  
Distichoselinum tenuifolium  
Echium flavum  
Erodium boissieri  
Erodium daucoides  
Erysimum cazorlense  
Erysimum nevadense aggr.  
Galium balearicum  
Genista scorpius  
Glandora nitida  
Globularia spinosa  
Guillonea scabra  
Helianthemum cinereum  
Helianthemum marifolium  
Helianthemum pannosum  
Helictochloa hackelii  
Hippocrepis commutata  
Hippocrepis eriocarpa  
Hippocrepis scorpioides  
Hormathophylla cochleata subsp. baetica  
Iberis nazarita  
Iberis procumbens  
Jasione crispa  
Jurinea pinnata  
Klasea baetica  
Klasea flavescens  
Klasea pinnatifida  
Knautia purpurea  
Knautia subscaposa  
Launaea pumila  
Leontodon hirtus  
Lepidium subulatum

Leucanthemopsis spathulifolia  
Leucanthemum favargerii  
Leucanthemum pallens  
Limonium album  
Limonium carthaginense  
Limonium esteveii  
Limonium racemosum  
Limonium tabernense  
Lomelosia pulsatilloides  
Lotus tetraphyllus  
Micromeria filiformis  
Micromeria inodora  
Moricandia foetida  
Ononis cephalotes  
Onosma hispanica  
Ophrys arachnitiformis  
Ophrys lutea  
Ophrys passionis  
Ophrys sphegodes  
Orobanche latisquama  
Paronychia aretioides  
Paronychia suffruticosa  
Picris hispanica  
Ptilostemon hispanicus  
Ranunculus malessanus  
Rhaponticum coniferum  
Rhodanthemum arundanum  
Rothmaleria granatensis  
Rumex intermedius  
Santolina elegans  
Santolina viscosa  
Scabiosa pulsatilloides  
Scorzonera albicans  
Scorzonera hirsuta  
Scorzonera reverchonii  
Teucrium aragonense  
Teucrium balthazaris  
Teucrium bicolorum  
Teucrium carolipau  
Teucrium cavanillesianum  
Teucrium compactum  
Teucrium eriocephalum  
Teucrium franchetianum  
Teucrium leonis  
Teucrium lerrouxii  
Teucrium martinii  
Teucrium pumilum



Teucrium webbianum  
Thapsia gymnesica  
Thesium humifusum  
Thesium humile  
Thymus funkii  
Thymus granatensis  
Thymus lacaitae  
Thymus loscosii  
Thymus moroderi  
Thymus willdenowii  
Thymus zygis  
Valeriana tuberosa

### W-basic-garrigue-shrubs

Alyssum atlanticum  
Anabasis articulata  
Anthyllis cytisoides  
Anthyllis lagascana  
Anthyllis onobrychioides  
Anthyllis polycephala  
Anthyllis ramburii  
Anthyllis rupestris  
Anthyllis tejedensis  
Anthyllis terniflora  
Arenaria alfacarensis  
Arenaria aggregata  
Asparagus albus  
Astracantha granatensis  
Astragalus balearicus  
Astragalus cavanillesii  
Astragalus hispanicus  
Chamaespartium undulatum  
Cheirolophus intybaceus  
Cistus albidus  
Cistus atriplicifolius  
Cistus clusii  
Cistus heterophyllus  
Cistus ladanifer  
Cistus palhinhae  
Coronilla minima  
Echinopartum boissieri  
Erica multiflora  
Erica terminalis  
Euphorbia isatidifolia  
Euphorbia maresii  
Fumana baetica  
Vella bourgeana

Fumana fontanesii  
Fumana hispidula  
Fumana laevis  
Fumana paradoxa  
Genista dorycnifolia  
Genista hispanica  
Genista ramosissima  
Genista scorpius  
Genista tricuspidata  
Genista umbellata  
Genista valdes-bermejoi  
Genista versicolor  
Glandora nitida  
Hedysarum boveanum  
Helianthemum almeriense  
Helianthemum apenninum  
Helianthemum asperum  
Helianthemum caput-felis  
Helianthemum apenninum subsp. estevei  
Helianthemum hirtum  
Helianthemum marifolium  
Helianthemum neopiliferum  
Helianthemum organifolium  
Helianthemum violaceum  
Helianthemum viscarium  
Helianthemum viscidulum  
Helichrysum litoreum  
Herniaria fontanesii  
Hippocrepis bourgaei  
Hippocrepis fruticescens  
Hippocrepis rupestris  
Hippocrepis scabra  
Hippocrepis squamata  
Hormathophylla longicaulis  
Hypericum balearicum  
Hypericum ericoides  
Lavandula angustifolia  
Lavandula dentata  
Lavandula lanata  
Lavandula latifolia  
Linum campanulatum  
Linum suffruticosum aggr.  
Lithodora fruticosa  
Nepeta hispanica  
Odontarrhena robertiana  
Onobrychis conferta  
Onobrychis stenorrhiza

*Ononis crispa*  
*Ononis fruticosa*  
*Phlomis crinita*  
*Phlomis italica*  
*Phlomis lychnitis*  
*Phlomis purpurea*  
*Polygala rupestris*  
*Pterocephalus spathulatus*  
*Ruta angustifolia*  
*Ruta montana*  
*Salvia blancoana*  
*Salvia candelabrum*  
*Salvia officinalis*  
*Satureja innota*  
*Satureja intricata*  
*Satureja obovata*  
*Scabiosa andryalifolia*  
*Sideritis algarviensis*  
*Sideritis bubanii*  
*Sideritis carbonellis*  
*Sideritis chamaedryfolia*  
*Sideritis dianica*  
*Sideritis glacialis*  
*Sideritis grandiflora*  
*Sideritis hirsuta*  
*Sideritis hyssopifolia*  
*Sideritis ibanyezii*  
*Sideritis ilicifolia*  
*Sideritis incana*  
*Sideritis leucantha*  
*Sideritis murgetana*  
*Sideritis osteoxylla*  
*Sideritis pungens*  
*Sideritis pusilla*  
*Sideritis reverchonii*  
*Sideritis sericea*  
*Sideritis serrata*  
*Sideritis spinulosa*  
*Sideritis tragoriganum*  
*Staehelina dubia*  
*Teucrium algarbiense*  
*Teucrium carthaginense*  
*Teucrium charidemi*  
*Teucrium gnaphalodes*  
*Teucrium haenseleri*  
*Teucrium lanigerum*  
*Teucrium luteum*

Teucrium marum  
Teucrium murcicum  
Teucrium oxylepis  
Teucrium reverchonii  
Teucrium ronnigeri  
Teucrium similatum  
Teucrium subspinosum  
Thymelaea argentata  
Thymelaea hirsuta  
Thymelaea pubescens  
Thymelaea sanamunda  
Thymelaea tartonraira  
Thymelaea tinctoria  
Thymelaea velutina  
Thymus antoninae  
Thymus baeticus  
Thymus hyemalis  
Thymus longiflorus  
Thymus lotocephalus  
Thymus membranaceus  
Thymus orospedanus  
Thymus piperella  
Thymus vulgaris  
Ulex densus  
Ulex parviflorus  
Vella lucentina  
Vella spinosa

### Wet-heath-herbs-and-mosses

Aulacomnium palustre  
Carex panicea  
Drosera intermedia  
Drosera rotundifolia  
Gentiana pneumonanthe  
Juncus squarrosus  
Lycopodiella inundata  
Molinia caerulea aggr.  
Myrica gale  
Narthecium ossifragum  
Sphagnum compactum  
Sphagnum molle  
Sphagnum palustre  
Sphagnum tenellum  
Thymelaea dendryobryum  
Trichophorum cespitosum

##D +01 A25a-Arctic-coastal-salt-marsh

Argentina anserina subsp. groenlandica  
Carex glareosa  
Carex mackenziei  
Carex salina  
Carex subspathacea  
Carex ursina  
Cochlearia anglica  
Cochlearia officinalis  
Gentianella detonsa  
Plantago maritima  
Puccinellia nutkaensis  
Puccinellia phryganodes  
Stellaria humifusa  
Triglochin maritima

##D +01 A25b-Baltic-coastal-meadow

Argentina anserina  
Blysmopsis rufa  
Bolboschoenus maritimus  
Calamagrostis neglecta  
Carex glareosa  
Carex mackenziei  
Carex paleacea  
Centaurium littorale  
Centaurium pulchellum  
Eleocharis parvula  
Eleocharis uniglumis  
Glaux maritima  
Juncus gerardi  
Lotus tenuis  
Odontites litoralis  
Plantago maritima  
Puccinellia capillaris  
Puccinellia distans  
Puccinellia nutkaensis  
Salicornia europaea aggr.  
Spergularia marina  
Spergularia media  
Trifolium fragiferum  
Triglochin maritima

##D +01 A25c-Atlantic-coastal-salt-marsh

Alopecurus bulbosus  
Apium graveolens  
Argentina anserina  
Armeria maritima  
Artemisia maritima

Atriplex littoralis  
Atriplex prostrata  
Bassia hirsuta  
Blysmopsis rufa  
Bolboschoenus maritimus  
Bupleurum tenuissimum  
Carex distans  
Carex extensa  
Centaurium littorale  
Centaurium pulchellum  
Cochlearia anglica  
Cochlearia danica  
Cochlearia officinalis  
Eleocharis uniglumis  
Elytrigia atherica  
Frankenia laevis  
Frankenia pulverulenta  
Glaux maritima  
Halimione pedunculata  
Halimione portulacoides  
Hordeum marinum  
Hornungia procumbens  
Juncus gerardi  
Juncus maritimus  
Limonium vulgare  
Lotus tenuis  
Odontites litoralis  
Oenanthe lachenalii  
Parapholis strigosa  
Plantago maritima  
Puccinellia distans  
Puccinellia fasciculata  
Puccinellia maritima  
Puccinellia nutkaensis  
Sagina maritima  
Salicornia disarticulata  
Salicornia europaea aggr.  
Salicornia procumbens  
Salicornia stricta  
Sarcocornia perennis  
Schoenoplectus lacustris subsp. glaucus  
Spartina anglica  
Spartina maritima  
Spergularia marina  
Spergularia media  
Suaeda maritima  
Suaeda vera

Trifolium fragiferum  
Triglochin barrelieri  
Triglochin maritima  
Tripolium pannonicum

##D +01 A25d-Mediterranean-and-Black-Sea-coastal-salt-marsh

Aeluropus littoralis  
Alopecurus bulbosus  
Apium graveolens  
Artemisia caerulescens  
Artemisia gallica  
Artemisia santonicum  
Arthrocnemum macrostachyum  
Atriplex prostrata  
Bassia hirsuta  
Camphorosma annua  
Camphorosma monspeliaca  
Camphorosma songorica  
Carex distachya  
Carex extensa  
Centaurium pulchellum  
Centaurium tenuiflorum  
Elytrigia atherica  
Elytrigia elongata  
Frankenia hirsuta  
Frankenia laevis  
Frankenia pulverulenta  
Gladiolus communis  
Gypsophila tomentosa  
Halimione portulacoides  
Halocnemum strobilaceum  
Hornungia procumbens  
Iris spuria  
Jacobaea auricula  
Juncus acutus  
Juncus gerardi  
Juncus maritimus  
Juncus subulatus  
Limbarda crithmoides  
Limoniastrum monopetalum  
Limonium algarvense  
Limonium bellidifolium  
Limonium binervosum  
Limonium confusum  
Limonium danubiale  
Limonium glomeratum  
Limonium gmelinii

Limonium narbonense  
Limonium ovalifolium  
Limonium supinum  
Limonium vulgare  
Linum maritimum  
Lotus preslii  
Lotus tenuis  
Microcnemum coralloides  
Plantago cornutii  
Plantago crassifolia  
Plantago maritima  
Podospermum canum  
Puccinellia festuciformis  
Puccinellia gigantea  
Romulea bulbocodium  
Rumex pulcher  
Salsola soda  
Sarcocornia fruticosa  
Sarcocornia perennis  
Silene sedoides  
Sonchus crassifolius  
Sonchus maritimus  
Suaeda acuminata  
Suaeda brevifolia  
Suaeda corniculata  
Suaeda maritima  
Suaeda splendens  
Suaeda vera  
Triglochin barrelieri  
Tripolium pannonicum

##D +01 B11a-Atlantic-Baltic-and-Arctic-sand-beach

Argentina anserina  
Atriplex calotheca  
Atriplex glabriuscula  
Atriplex laciniata  
Atriplex littoralis  
Atriplex longipes  
Atriplex patula  
Atriplex prostrata  
Beta vulgaris subsp. maritima  
Cakile maritima  
Honckenya peploides  
Mertensia maritima  
Polygonum maritimum  
Polygonum raii  
Salsola kali



*Tripleurospermum maritimum*

##D +01 B11b-Mediterranean-and-Black-Sea-sand-beach

*Achillea maritima*  
*Agrostis stolonifera*  
*Ammophila arenaria*  
*Anthemis tomentosa*  
*Argusia sibirica*  
*Astragalus baionensis*  
*Atriplex glabriuscula*  
*Atriplex laciniata*  
*Atriplex prostrata*  
*Beta vulgaris* subsp. *maritima*  
*Beta vulgaris* subsp. *adanensis*  
*Cakile maritima*  
*Calystegia soldanella*  
*Crambe maritima*  
*Echinophora spinosa*  
*Elymus farctus* subsp. *boreoatlanticus*  
*Elytrigia juncea*  
*Eryngium maritimum*  
*Euphorbia paralias*  
*Euphorbia peplis*  
*Galium arenarium*  
*Galium maritimum*  
*Galium neglectum*  
*Glaucium flavum*  
*Hieracium eriophorum*  
*Honckenya peploides*  
*Lactuca tatarica*  
*Lathyrus japonicus*  
*Leymus arenarius*  
*Leymus racemosus*  
*Linaria loeselii*  
*Linaria thymifolia*  
*Matthiola sinuata*  
*Matthiola tricuspidata*  
*Medicago marina*  
*Oenothera oakesiana*  
*Pancratium maritimum*  
*Polygonum maritimum*  
*Polygonum raii*  
*Raphanus maritimus*  
*Salsola kali*  
*Silene uniflora*  
*Sonchus arvensis*  
*Sporobolus pungens*

*Tetraena alba*  
*Xanthium orientale*

##D +01 B13a-Atlantic-and-Baltic-shifting-coastal-dune

*Ammophila arenaria*  
*Calystegia soldanella*  
*Carex arenaria*  
*Eryngium maritimum*  
*Euphorbia paralias*  
*Glaucium flavum*  
*Honckenya peploides*  
X-*Ammocalamagrostis baltica*

##D +01 B13b-Mediterranean-and-Black-Sea-shifting-coastal-dune

*Achillea maritima*  
*Ammophila arenaria*  
*Androcymbium gramineum*  
*Anthemis maritima*  
*Anthemis tomentosa*  
*Calystegia soldanella*  
*Convolvulus caput-medusae*  
*Cutandia maritima*  
*Cyperus capitatus*  
*Echinophora spinosa*  
*Elytrigia juncea*  
*Eryngium maritimum*  
*Euphorbia paralias*  
*Euphorbia peplis*  
*Glaucium flavum*  
*Honckenya peploides*  
*Leymus arenarius*  
*Medicago marina*  
*Ononis natrix*  
*Pancratium maritimum*  
*Polycarpaea nivea*  
*Polygonum maritimum*  
*Sporobolus pungens*  
*Tetraena fontanesii*

##D +01 B14a-Atlantic-and-Baltic-coastal-dune-grassland-grey-dune

*Achillea maritima*  
*Alyssum loiseleurii*  
*Anchusa calcarea*  
*Armeria pungens*  
*Armeria welwitschii*  
*Artemisia crithmifolia*  
*Bupleurum baldense*

Calystegia soldanella  
Campylopus introflexus  
Carex arenaria  
Cerastium diffusum  
Cochlearia danica  
Crucianella maritima  
Dianthus hyssopifolius subsp. gallicus  
Ephedra distachya  
Erodium lebelli  
Eryngium maritimum  
Euphorbia paralias  
Euphorbia portlandica  
Festuca juncifolia  
Festuca polesica  
Festuca vasconensis  
Fumana procumbens  
Galium arenarium  
Galium maritimum  
Helichrysum italicum subsp. picardii  
Helichrysum stoechas  
Herniaria ciliolata  
Iberis procumbens  
Imperata cylindrica  
Jasione montana  
Koeleria albescens  
Lagurus ovatus  
Leontodon saxatilis  
Linaria arenaria  
Linaria supina  
Matthiola sinuata  
Medicago marina  
Mibora minima  
Omphalodes littoralis  
Ononis natrix  
Pancratium maritimum  
Phleum arenarium  
Reichardia gaditana  
Silene conica  
Thymus carnosus  
Viola tricolor aggr.  
Vulpia fasciculata

##D           +01           B14b-Mediterranean-and-Macaronesian-coastal-dune-  
                          grassland-grey-dune

Achillea maritima  
Alyssum hirsutum  
Alyssum minutum

Anagallis monelli  
Anthemis maritima  
Anthemis tomentosa  
Anthyllis hamosa  
Anthyllis hermanniae  
Armeria pungens  
Artemisia monosperma  
Asteriscus imbricatus  
Atractylis carduus  
Calendula suffruticosa  
Calystegia soldanella  
Carex liparocarpos  
Centaurea cuneifolia  
Centaurea greuteri  
Centaurea sphaerocephala  
Centaurea spinosa  
Centaurea tommasinii  
Cionura erecta  
Corynephorus divaricatus  
Crucianella maritima  
Cynanchum acutum  
Cyperus capitatus  
Cyperus macrorhizus  
Dianthus pyrenaicus  
Echinops spinosissimus  
Echiochilon fruticosum  
Echium angustifolium  
Ephedra distachya  
Erodium lebelli  
Eryngium maritimum  
Erysimum diffusum  
Erysimum graecum  
Euphorbia paralias  
Euphorbia terracina  
Filago lusitanica  
Fumana procumbens  
Helichrysum stoechas  
Hypericum olympicum  
Imperata cylindrica  
Jasione heldreichii  
Lagurus ovatus  
Launaea fragilis  
Linaria pedunculata  
Lomelosia argentea  
Lomelosia rutifolia  
Lotus creticus  
Lotus cytisoides

Lotus glaucus  
Lotus pseudo-creticus  
Malcolmia ramosissima  
Malcolmia triloba  
Maresia nana  
Matthiola sinuata  
Medicago littoralis  
Medicago marina  
Ononis angustifolia  
Ononis natrix  
Ononis tournefortii  
Pancratium maritimum  
Phleum arenarium  
Pimpinella villosa  
Plantago albicans  
Polycarpha nivea  
Polygonum equisetiforme  
Scrophularia ramosissima  
Senecio glaucus  
Seseli tortuosum  
Silene congesta  
Silene conica  
Silene dichotoma  
Silene niceensis  
Silene subconica  
Sixalix atropurpurea  
Stachys atherocalyx  
Trachomitum venetum  
Traganum moquinii  
Verbascum litigiosum  
Verbascum pinnatifidum  
Verbascum sinuatum subsp. sinuatum  
Vulpia alopecuros  
Vulpia fasciculata

##D +01 B14c-Black-Sea-coastal-dune-grassland-grey-dune

Achillea maritima  
Alyssum hirsutum  
Alyssum minutum  
Asperula graveolens subsp. graveolens  
Asterolinon linum-stellatum  
Astragalus varius  
Astrodaucus littoralis  
Calystegia soldanella  
Carex colchica  
Carex liparocarpos  
Centaurea arenaria aggr.

Centaurea odessana  
Cionura erecta  
Convolvulus persicus  
Corispermum nitidum  
Cynanchum acutum  
Cyperus capitatus  
Dianthus bessarabicus  
Ephedra distachya  
Erodium lebelii  
Eryngium maritimum  
Erysimum diffusum  
Erysimum montanum  
Euphorbia paralias  
Euphorbia seguieriana  
Festuca arenicola  
Festuca beckeri  
Festuca polesica  
Fumana procumbens  
Goniolimon collinum  
Gypsophila perfoliata  
Hypericum olympicum  
Imperata cylindrica  
Jasione heldreichii  
Jasione montana  
Jurinea kilaea  
Lagurus ovatus  
Lepidotrichum uechtritziatum  
Linaria genistifolia  
Linum tauricum  
Lomelosia argentea  
Lomelosia ucranica  
Maresia nana  
Medicago littoralis  
Medicago marina  
Odontarrhena borzaeana  
Pancratium maritimum  
Peucedanum arenarium  
Secale sylvestre  
Seseli tortuosum  
Silene borysthenica  
Silene euxina  
Silene thymifolia  
Stachys atherocalyx  
Stipa borysthenica  
Trachomitum venetum  
Verbascum pinnatifidum  
Verbascum purpureum

##D +01 B21a-Atlantic-Baltic-and-Arctic-coastal-shingle-beach

Angelica archangelica  
Atriplex glabriuscula  
Atriplex laciniata  
Atriplex littoralis  
Atriplex prostrata  
Cakile maritima  
Catapodium marinum  
Cerastium alpinum  
Cochlearia groenlandica  
Crambe maritima  
Eryngium maritimum  
Glaucium flavum  
Honckenya peploides  
Isatis tinctoria  
Lathyrus japonicus  
Limbarda crithmoides  
Linaria vulgaris  
Malva arborea  
Mertensia maritima  
Polygonum maritimum  
Polygonum raii  
Sagina nivalis  
Salsola kali  
Suaeda vera  
Tripleurospermum maritimum  
Tripolium pannonicum

##D +01 B21b-Mediterranean-and-Black-Sea-coastal-shingle-beach

Achillea maritima  
Argusia sibirica  
Atriplex glabriuscula  
Atriplex laciniata  
Atriplex prostrata  
Beta vulgaris subsp. maritima  
Beta vulgaris subsp. adanensis  
Cakile maritima  
Crambe maritima  
Elytrigia juncea  
Eryngium maritimum  
Euphorbia peplis  
Glaucium flavum  
Lactuca tatarica  
Leymus racemosus  
Malcolmia maritima  
Matthiola sinuata

Matthiola tricuspidata  
Medicago marina  
Polygonum maritimum  
Polygonum mesembrium  
Raphanus maritimus  
Salsola kali  
Sporobolus pungens  
Xanthium orientale

##D +01 B31a-Atlantic-and-Baltic-rocky-sea-cliff-and-shore

Allium schoenoprasum  
Asplenium marinum  
Atriplex glabriuscula  
Atriplex laciniata  
Atriplex littoralis  
Beta vulgaris subsp. maritima  
Catapodium marinum  
Cerastium alpinum  
Cochlearia danica  
Cochlearia groenlandica  
Cochlearia officinalis  
Cochlearia scotica  
Crambe maritima  
Crithmum maritimum  
Euphorbia portlandica  
Frankenia laevis  
Jasione crispa  
Ligusticum scoticum  
Limbarda crithmoides  
Limonium binervosum aggr.  
Limonium dodartii  
Limonium normannicum  
Limonium ovalifolium  
Malva arborea  
Matthiola sinuata  
Mertensia maritima  
Polygonum raii  
Puccinellia maritima  
Rhodiola rosea  
Sagina maritima  
Sagina nivalis  
Saxifraga oppositifolia  
Sedum acre  
Silene acaulis  
Silene uniflora  
Spergularia rupicola  
Suaeda vera



*Trifolium scabrum*

##D +01 B31b-Mediterranean-and-Black-Sea-rocky-sea-cliff-and-shore

*Allium commutatum*

*Anthemis rigida*

*Anthyllis barba-jovis*

*Armeria ruscinonensis*

*Astragalus tragacantha*

*Atriplex prostrata*

*Atriplex tatarica*

*Bassia prostrata*

*Bellium crassifolium*

*Bellium minutum*

*Brassica insularis*

*Brassica tyrrhena*

*Catapodium marinum*

*Centaurea cineraria*

*Centaurea filiformis*

*Cephalaria squamiflora* subsp. *mediterranea*

*Cichorium intybus*

*Cichorium spinosum*

*Convolvulus lineatus*

*Crithmum maritimum*

*Crucianella maritima*

*Daucus carota*

*Dianthus sardous*

*Ecballium elaterium*

*Elytrigia atherica*

*Elytrigia bessarabica*

*Euphorbia pithyusa*

*Frankenia hirsuta*

*Frankenia laevis*

*Frankenia pulverulenta*

*Genista thyrrhena*

*Goniolimon collinum*

*Halimione verrucifera*

*Helichrysum litoreum*

*Helichrysum rupestre*

*Hyoseris taurina*

*Jacobaea maritima*

*Lactuca saligna*

*Launaea cervicornis*

*Limonium anfractum*

*Limonium cancellatum*

*Limonium graecum*

*Limonium meyeri*

*Lotus cytisoides*

Matthiola sinuata  
Pallenis maritima  
Parapholis strigosa  
Phleum crypsoides  
Phleum exaratum  
Phleum subulatum  
Plantago coronopus aggr.  
Prangos ferulacea  
Psilurus incurvus  
Reichardia picroides  
Rhaponticum serratuloides  
Sagina maritima  
Scolymus hispanicus  
Sedum litoreum  
Seseli bocconeii  
Silene caliacrae  
Silene compacta  
Silene martinolii  
Silene sedoides  
Thymelaea hirsuta  
Valantia muralis  
Xanthium spinosum

##D +01 B31c-Macaronesian-rocky-sea-cliff-and-shore

Argyranthemum frutescens  
Asplenium marinum  
Astydamia latifolia  
Atractylis preauxiana  
Azorina vidalii  
Crithmum maritimum  
Euphorbia azorica  
Festuca petraea  
Frankenia ericifolia  
Frankenia laevis  
Frankenia pulverulenta  
Helichrysum devium  
Helichrysum obconicum  
Limonium brassicifolium  
Limonium fruticans  
Limonium imbricatum  
Limonium macrophyllum  
Limonium papillatum  
Limonium pectinatum  
Limonium pyramidatum  
Lotus glaucus  
Lotus loweanus  
Myosotis maritima

*Plantago coronopus* aggr.  
*Reichardia crystallina*  
*Reichardia ligulata*  
*Solidago sempervirens*  
*Spergularia azorica*

##D +01 B34a-Atlantic-and-Baltic-soft-sea-cliff

*Armeria maritima*  
*Brassica oleracea*  
*Plantago coronopus* aggr.  
*Plantago maritima*  
*Silene uniflora*

##D +01 B34b-Mediterranean-and-Black-Sea-soft-sea-cliff

*Camphorosma monspeliaca*  
*Matthiola odoratissima*  
*Peganum harmala*  
*Silene caliacrae*

##D +02 H21-Boreal-and-arctic-siliceous-scrree-and-block-field

*Alchemilla alpina*  
*Arabidopsis petraea*  
*Arabis alpina*  
*Arabis glabra*  
*Arctostaphylos uva-ursi*  
*Arenaria norvegica*  
*Armeria maritima*  
*Avenella flexuosa*  
*Campanula rotundifolia*  
*Carex bigelowii*  
*Carex capillaris*  
*Carex rupestris*  
*Cerastium alpinum*  
*Cerastium nigrescens*  
*Cerastium regelii*  
*Cryptogramma crista*  
*Cystopteris fragilis*  
*Draba daurica*  
*Draba incana*  
*Draba norvegica*  
*Dryas octopetala*  
*Dryopteris carthusiana*  
*Empetrum nigrum* aggr.  
*Epilobium angustifolium*  
*Epilobium collinum*  
*Epilobium latifolium*  
*Equisetum variegatum*

Erigeron acris  
Erysimum hieraciifolium  
Festuca ovina  
Festuca rubra  
Festuca vivipara  
Galium normanii  
Galium verum  
Gentiana nivalis  
Gymnocarpium dryopteris  
Hieracium alpinum  
Huperzia selago  
Hylotelephium telephium  
Juncus trifidus  
Juniperus communis subsp. nana  
Lotus corniculatus  
Luzula arcuata  
Luzula spicata  
Minuartia biflora  
Minuartia rubella  
Minuartia stricta  
Oxyria digyna  
Papaver radicum  
Poa alpina  
Poa glauca  
Poa nemoralis  
Polygonatum odoratum  
Polypodium vulgare  
Polystichum lonchitis  
Potentilla crantzii  
Potentilla nivea  
Potentilla hyparctica  
Ranunculus glacialis  
Ranunculus sulphureus  
Rhodiola rosea  
Rosa villosa  
Rubus idaeus  
Rubus saxatilis  
Salix herbacea  
Salix starkeana  
Saxifraga aizoides  
Saxifraga cernua  
Saxifraga cespitosa  
Saxifraga nivalis  
Saxifraga oppositifolia  
Sedum annuum  
Silene acaulis  
Silene suecica

Silene uniflora  
Silene viscaria  
Solidago virgaurea  
Thalictrum alpinum  
Tofieldia pusilla  
Trisetum spicatum  
Vaccinium myrtillus  
Vaccinium uliginosum  
Vaccinium vitis-idaea  
Verbascum nigrum  
Verbascum thapsus  
Veronica fruticans  
Vicia sylvatica  
Viola canina  
Viola tricolor aggr.  
Woodsia ilvensis

##D +02 H22-Boreal-and-arctic-base-rich-scree

Arabidopsis petraea  
Arabis alpina  
Arenaria humifusa  
Arenaria norvegica  
Arenaria pseudofrigida  
Artemisia norvegica  
Braya linearis  
Braya purpurascens  
Campanula rotundifolia  
Carex bigelowii  
Carex capillaris  
Carex fuliginosa  
Carex glacialis  
Carex rupestris  
Cerastium alpinum  
Draba fladnizensis  
Draba nivalis  
Draba norvegica  
Dryas octopetala  
Equisetum scirpoides  
Equisetum variegatum  
Gymnocarpium robertianum  
Kobresia simpliciuscula  
Luzula arcuata  
Minuartia rubella  
Minuartia stricta  
Oxytropis lapponica  
Papaver laestadianum  
Papaver radicum

Pinguicula alpina  
Poa alpina  
Poa glauca  
Potentilla nivea  
Salix reticulata  
Saxifraga aizoides  
Saxifraga nivalis  
Saxifraga oppositifolia  
Silene acaulis  
Thalictrum alpinum  
Tofieldia pusilla  
Woodsia alpina

##D +02 H23-Temperate-high-mountain-siliceous-scree

Achillea erba-rotta  
Achillea nana  
Aconogonon alpinum  
Androsace alpina  
Androsace hedraeantha  
Armeria alpina  
Athyrium distentifolium  
Bellardiochloa variegata  
Cardamine glauca  
Cardamine resedifolia  
Cerastium pedunculatum  
Cerastium pyrenaicum  
Cerastium uniflorum  
Cochlearia tatrae  
Cryptogramma crispa  
Cystopteris fragilis  
Doronicum clusii  
Doronicum grandiflorum  
Dryopteris oreades  
Festuca picturata  
Gentiana frigida  
Geum reptans  
Gymnocarpium dryopteris  
Jacobaea leucophylla  
Linaria alpina  
Luzula alpinopilosa  
Luzula spicata  
Minuartia sedoides  
Oreochloa disticha  
Oxyria digyna  
Pedicularis verticillata  
Poa cenisia  
Poa laxa

Ranunculus glacialis  
Saxifraga adscendens  
Saxifraga androsacea  
Saxifraga bryoides  
Saxifraga carpatica  
Saxifraga cernua  
Saxifraga oppositifolia  
Saxifraga pedemontana  
Senecio doronicum  
Senecio squalidus subsp. rupestris  
Silene acaulis  
Veronica baumgartenii

##D +02 H24-Temperate-high-mountain-base-rich-scrub

Achillea atrata  
Achillea clusiana  
Achillea oxyloba  
Adenostyles alpina  
Adonis distorta  
Alchemilla decumbens  
Alyssum cuneifolium  
Alyssum repens  
Alyssum wulfenianum subsp. ovirense  
Aquilegia pyrenaica  
Arabidopsis neglecta  
Arabis alpina  
Arabis caerulea  
Arabis ferdinandi-coburgii  
Arenaria bertolonii  
Arenaria ciliata  
Asplenium fissum  
Asplenium scolopendrium  
Athamanta cretensis  
Bunium alpinum  
Campanula cochleariifolia  
Campanula pulla  
Campanula rotundifolia  
Centaurea parlatoris  
Centaurea rupestris aggr.  
Cerastium carinthiacum  
Cerastium tomentosum  
Cerastium transsilvanicum  
Cochlearia tatrae  
Crepis pygmaea  
Cystopteris montana  
Degenia velebitica  
Delphinium oxysepalum

Dioscorea pyrenaica  
Doronicum carpaticum  
Draba fladnizensis  
Dryopteris mindshelkensis  
Dryopteris villarii  
Festuca glacialis  
Festuca pyrenaica  
Galium baldense  
Galium megalospermum  
Galium noricum  
Galium pyrenaicum  
Galium stojanovii  
Gnaphalium hoppeanum  
Gnaphalium pichleri  
Gypsophila repens  
Hornungia alpina  
Hypochaeris robertia  
Iberis spathulata  
Leucanthemum atratum aggr.  
Leucopoa dimorpha  
Leucopoa pulchella  
Ligusticum ferulaceum  
Linaria purpurea  
Minuartia cerastiifolia  
Moehringia ciliata  
Moehringia muscosa  
Myosotis alpestris  
Noccaea bellidifolia  
Noccaea rotundifolia  
Noccaea stilosa  
Papaver alpinum  
Papaver pyrenaicum  
Papaver suaveolens  
Petasites paradoxus  
Poa dolosa  
Poa minor  
Polystichum lonchitis  
Ranunculus breyninus  
Ranunculus carinthiacus  
Ranunculus parnassifolius  
Reseda glauca  
Rhodiola rosea  
Rumex scutatus  
Salix retusa  
Saxifraga aizoides  
Saxifraga bryoides  
Saxifraga carpatica



Saxifraga glabella  
Saxifraga moschata  
Saxifraga oppositifolia  
Saxifraga pedemontana  
Saxifraga sedoides  
Saxifraga wahlenbergii  
Sedum atratum  
Seseli malyi  
Thlaspi kernerii  
Thymus pulcherrimus  
Tolpis staticifolia  
Trisetum distichophyllum  
Trisetum spicatum  
Valeriana bertiscea  
Valeriana elongata  
Veronica aragonensis  
Veronica baumgartenii  
Veronica nummularia  
Veronica saturejoides  
Viola grisebachiana  
Viola magellensis  
Xatardia scabra

##D +02 H25-Temperate-lowland-to-montane-siliceous-scree

Achnatherum calamagrostis  
Anarrhinum bellidifolium  
Armeria alpina  
Asplenium adiantum-nigrum  
Asplenium adiantum-nigrum subsp. onopteris  
Biscutella valentina  
Conopodium bunioides  
Cryptogramma crispa  
Digitalis purpurea  
Digitalis thapsi  
Dryopteris affinis  
Dryopteris expansa  
Dryopteris oreades  
Dryopteris tyrrhena  
Epilobium collinum  
Erysimum humile  
Galeopsis ladanum  
Galeopsis pyrenaica  
Galeopsis segetum  
Galeopsis tetrahit  
Geranium robertianum  
Holcus annuus  
Hylotelephium telephium

Jacobaea leucophylla  
Linaria alpina  
Linaria repens  
Linaria saxatilis  
Melica ciliata  
Pimpinella major  
Poa nemoralis  
Reseda gredensis  
Rumex suffruticosus  
Santolina oblongifolia  
Scrophularia oxyrhyncha  
Scrophularia scorodonia  
Scrophularia sublyrata  
Senecio pyrenaicus  
Senecio viscosus  
Taraxacum pyrenaicum  
Trisetum hispidum  
Xatardia scabra

##D +02 H26a-Temperate-lowland-to-montane-base-rich-scee

Achnatherum calamagrostis  
Aethionema saxatile  
Arabis alpina  
Biscutella neustriaca  
Cystopteris fragilis  
Eupatorium cannabinum  
Festuca xanthina  
Galeopsis angustifolia  
Galeopsis ladanum  
Galium fleurotii  
Gymnocarpium robertianum  
Hieracium bifidum  
Iberis violletii  
Lamium garganicum  
Leontodon hyoseroides  
Linaria supina  
Melica ciliata  
Microrrhinum minus  
Moehringia muscosa  
Origanum vulgare  
Parietaria officinalis  
Rumex scutatus  
Scrophularia canina  
Senecio squalidus subsp. rupestris  
Silene saxifraga  
Silene vulgaris  
Sisymbrium supinum

Teucrium botrys  
Teucrium montanum  
Thymus comosus  
Vincetoxicum hirundinaria  
Viola hispida

##D +02 H26b-Western-Mediterranean-base-rich-scree

Achillea barrelieri  
Achnatherum calamagrostis  
Adonis distorta  
Allium palentinum  
Alyssum fastigiatum  
Androsace ciliata  
Andryala ragusina  
Aquilegia cazorlensis  
Aquilegia discolor  
Arabis alpina  
Arenaria bertolonii  
Arrhenatherum album  
Biscutella valentina  
Bunium alpinum  
Bunium macuca  
Bupleurum ranunculoides  
Calamagrostis pseudophragmites  
Campanula arvatica  
Campanula cochleariifolia  
Campanula jaubertiana  
Carduus carlinoides  
Centaurea rupestris aggr.  
Centaurea delucae  
Centaurea prolongoi  
Centranthus lecoqii  
Centranthus ruber  
Cerastium soleirolii  
Cerastium thomasii  
Cerastium tomentosum  
Cirsium acaulon  
Cochlearia aragonensis subsp. navarrana  
Coincya monensis  
Conopodium thalictrifolium  
Crambe filiformis  
Crepis granatensis  
Crepis oporinoides  
Crepis pygmaea  
Cystopteris montana  
Doronicum grandiflorum subsp. braunblanquetii  
Dryopteris mindshelkensis

Dryopteris oreades  
Echium albicans  
Erucastrum nasturtiifolium  
Eryngium glaciale  
Erysimum duriaei  
Erysimum gorbeanum  
Euphorbia nevadensis subsp. aragonensis  
Euphorbia nevadensis subsp. bolosii  
Festuca glacialis  
Galeopsis angustifolia  
Galium cespitosum  
Galium cometerhizon  
Galium corsicum  
Galium pyrenaicum  
Galium rosellum  
Gouffeia arenarioides  
Gymnocarpium robertianum  
Hornungia alpina  
Hypochaeris robertia  
Iberis carnosa  
Iberis ciliata  
Iberis spathulata  
Jurinea fontqueri  
Lactuca singularis  
Lactuca tenerrima  
Lactuca viminea  
Laserpitium gallicum  
Leontodon hyoseroides  
Leucanthemum coronopifolium subsp. ceratophylloides  
Leucanthemum laciniatum  
Leucopoa dimorpha  
Linaria aeruginea  
Linaria badalii  
Linaria filicaulis  
Linaria glacialis  
Linaria propinqua  
Linaria purpurea  
Linaria supina  
Minuartia cerastiifolia  
Myosotis alpestris  
Nepeta amethystina subsp. amethystina  
Nepeta nepetella  
Noccaea stylosa  
Papaver ernesti-mayeri  
Papaver lapeyrousianum  
Plantago monosperma  
Platycapnos saxicola

Poa balbisii  
Polystichum lonchitis  
Ptilostemon niveus  
Ptychotis saxifraga  
Ranunculus alpestris  
Ranunculus parnassifolius subsp. favargerii  
Reseda valentina  
Rumex scutatus  
Salix breviserrata  
Saxifraga oppositifolia  
Saxifraga pedemontana  
Saxifraga praetermissa  
Scrophularia canina  
Scrophularia sciophila  
Secale strictum subsp. strictum  
Sedum annuum  
Sedum brevifolium  
Sedum monregalense  
Senecio pyrenaicus  
Silene boryi  
Silene inaperta subsp. inaperta  
Silene secundiflora  
Spergula viscosa  
Taraxacum sect. Alpina  
Tolpis staticifolia  
Trisetum distichophyllum  
Verbascum conocarpum  
Veronica alpina  
Veronica mampodrensis  
Veronica nummularia  
Vicia glauca  
Viola crassiuscula  
Viola diversifolia  
Viola magellensis

##D +02 H26c-Eastern-Mediterranean-base-rich-scrub

Acantholimon ulicinum  
Achillea abrotanoides  
Achillea ambrosiaca  
Achnatherum calamagrostis  
Aethionema cordatum  
Aethionema saxatile  
Aethionema speciosum  
Aethionema stylosum  
Ajuga chamaepitys subsp. glareosa  
Allium tauricola  
Alopecurus textilis

Alyssum argyrophyllum  
Alyssum chondrogynum  
Alyssum handelii  
Alyssum scardicum  
Alyssum sphacioticum  
Alyssum troodi  
Androsace multiscapa  
Androsace villosa  
Anthemis plutonia  
Anthriscus kotschyi  
Anthriscus sylvestris  
Arabis alpina  
Arenaria balansae  
Arenaria conferta  
Arenaria kotschyana  
Asperula idaea  
Asperula muscosa  
Asperula stricta subsp. grandiflora  
Astragalus haussknechtii  
Astragalus oxytropifolius  
Astragalus pelliger  
Bornmuellera baldaccii subsp. baldaccii  
Bornmuellera baldaccii subsp. rechingeri  
Bubon albanicum  
Bunium microcarpum  
Campanula hawkinsiana  
Cardamine carnosa  
Cardamine glauca  
Centaurea cyprensis  
Centaurea idaea  
Centranthus calcitrapae  
Cerastium cerastoides  
Cerastium gnaphalodes  
Cicer incisum  
Clinopodium troodi  
Corydalis blanda subsp. parnassica  
Corydalis rutifolia  
Corydalis uniflora  
Crepis frigida  
Crepis sibthorpiana  
Crepis willdenowii  
Cyanus bourgaei  
Cyclotrichium organifolium  
Cynoglossum troodii  
Dianthus petraeus  
Dianthus sphacioticus  
Dianthus strictus subsp. multipunctatus

Dianthus strictus subsp. strictus  
Dianthus strictus subsp. troodi  
Draba cretica  
Drypis spinosa  
Elytrigia lazica subsp. divaricata  
Elytrigia tauri  
Euphorbia cassia subsp. cassia  
Euphorbia cassia subsp. rigoi  
Euphorbia deflexa  
Euphorbia herniariifolia  
Euphorbia pestalozzae  
Festuca adanensis  
Festuca anatolica  
Fritillaria crassifolia subsp. crassifolia  
Fumana paphlagonica  
Galium cilicicum  
Galium corrudifolium  
Galium incanum  
Geocaryum cynapioides  
Geranium macrorrhizum  
Geranium purpureum  
Geranium subcaulescens  
Grafia golaka  
Hedysarum cyprum  
Hedysarum erythroleucum  
Heldreichia bourgaei  
Heldreichia bupleurifolia  
Heldreichia rotundifolia  
Helianthemum hymettium  
Heracleum humile  
Heracleum sphondylium  
Hyacinthella millingenii  
Hypericum confertum  
Hypericum crenulatum  
Iberis simplex  
Jurinea moschus subsp. moschus  
Lactuca glareosa  
Lactuca intricata  
Lamium eriocephalum  
Lamium garganicum  
Laserpitium petrophilum  
Leucopoa spectabilis subsp. affinis  
Linaria corifolia  
Linaria microsepala  
Lindbergella sintenisii  
Lomelosia crenata  
Lomelosia sphaciotica subsp. sphaciotica

Malcolmia orsiniana subsp. angulifolia  
Mattiastrum lithospermifolium  
Melica ciliata  
Minuartia attica  
Minuartia juniperina  
Minuartia pichleri  
Minuartia rimarum  
Myosotis suaveolens  
Nepeta cilicica  
Nepeta concolor  
Nepeta sphaciotica  
Noccaea oppositifolia  
Noccaea sintenisii  
Noccaea zaffranii  
Odontarrhena akamasica  
Odontarrhena bertolonii  
Odontarrhena cyprica  
Odontarrhena fragillima  
Onosma troodi  
Oxyria digyna  
Peltaria alliacea  
Peucedanum alpinum  
Phagnalon pygmaeum  
Phyllol epidium cyclocarpum subsp. cyclocarpum  
Poa cenisia  
Podospermum radicosum  
Pseudofumaria alba  
Ptilostemon afer  
Ranunculus brevifolius  
Ranunculus cadmicus  
Ranunculus cadmicus var. cyprius  
Ranunculus radinotrichus  
Ricotia cretica  
Ricotia davisiana  
Ricotia varians  
Rumex scutatus  
Salvia veneris  
Scrophularia canina  
Scrophularia depauperata  
Scrophularia myriophylla  
Scrophularia rimarum  
Scutellaria hirta  
Scutellaria orientalis  
Senecio fruticosus  
Senecio squalidus subsp. rupestris  
Senecio thapsoides  
Sesleria phleoides



Sesleria robusta  
Silene caesia  
Silene fabaria subsp. domokina  
Silene fabarioides  
Silene haussknechtii  
Silene multicaulis  
Silene nuncupanda  
Silene pentelica  
Silene supina  
Silene variegata  
Silene vulgaris subsp. vourinensis  
Thamnosciadium junceum  
Theligonum cynocrambe  
Thymus integer  
Thymus leucotrichus  
Valantia aprica  
Valeriana bertiscea  
Vavilovia formosa  
Veronica caespitosa  
Veronica cuneifolia  
Veronica tauricola  
Veronica thessalica  
Vicia alpestris subsp. hypoleuca  
Vicia canescens subsp. gregaria  
Viola albanica  
Viola calcarata  
Viola crassifolia  
Viola dukadjinica  
Viola fragrans  
Viola striis-notata

##D +02 H31a-Boreal-and-arctic-siliceous-inland-cliff

Alchemilla alpina  
Arabidopsis petraea  
Arenaria norvegica  
Asplenium adiantum-nigrum  
Asplenium septentrionale  
Asplenium trichomanes  
Astragalus alpinus  
Cerastium alpinum  
Cystopteris fragilis  
Draba incana  
Draba norvegica  
Epilobium collinum  
Hieracium schmidtii  
Hylotelephium maximum  
Poa glauca

*Polypodium vulgare*  
*Rumex acetosella*  
*Saxifraga cotyledon*  
*Silene rupestris*  
*Silene suecica*  
*Stellaria graminea*  
*Veronica fruticans*  
*Woodsia alpina*  
*Woodsia ilvensis*

##D +02 H31b-Temperate-high-mountain-siliceous-inland-cliff

*Agrostis rupestris*  
*Agrostis schraderiana*  
*Androsace alpina*  
*Androsace vandellii*  
*Androsace wulfeniana*  
*Anthemis pindicola*  
*Artemisia genipi*  
*Artemisia glacialis*  
*Artemisia umbelliformis*  
*Asplenium septentrionale*  
*Aurinia saxatilis*  
*Bupleurum stellatum*  
*Campanula wanneri*  
*Centaurea deustiformis*  
*Dianthus sylvestris*  
*Dianthus tristis*  
*Draba dubia*  
*Erigeron schleicheri*  
*Eritrichium nanum*  
*Erysimum rhaeticum*  
*Hylotelephium anacamperos*  
*Jacobaea incana* subsp. *carniolica*  
*Minuartia cherlerioides* subsp. *rionii*  
*Phyteuma hemisphaericum*  
*Phyteuma humile*  
*Phyteuma scheuchzeri*  
*Poa laxa*  
*Potentilla doerfleri*  
*Potentilla haynaldiana*  
*Primula hirsuta*  
*Primula minima*  
*Saxifraga aspera*  
*Saxifraga bryoides*  
*Saxifraga cotyledon*  
*Saxifraga exarata*  
*Saxifraga florulenta*

Saxifraga juniperifolia  
Saxifraga muscoides  
Saxifraga pedemontana  
Sempervivum arachnoideum  
Sempervivum grandiflorum  
Sempervivum marmoreum  
Sempervivum montanum  
Sempervivum wulfenii  
Silene acaulis  
Silene dinarica  
Silene lerchenfeldiana  
Veronica baumgartenii  
Woodsia alpina

##D +02 H31c-Temperate-lowland-to-montane-siliceous-inland-cliff

Achillea chamaemelifolia  
Asarina procumbens  
Asplenium adiantum-nigrum  
Asplenium marinum  
Asplenium obovatum  
Asplenium septentrionale  
Asplenium trichomanes  
Asplenium trichomanes x alternifolium  
Aurinia saxatilis  
Centaurea pectinata  
Centaurea prolongoi  
Coincya monensis  
Cystoperis fragilis  
Dianthus graniticus  
Dianthus henteri  
Dianthus pyrenaicus  
Epilobium collinum  
Hieracium schmidtii  
Jovibarba heuffelii  
Leucanthemum monspeliense  
Minuartia recurva  
Polypodium vulgare  
Primula minima  
Saxifraga hypnoides  
Saxifraga paradoxa  
Saxifraga rosace  
Sedum hirsutum  
Sedum stefco  
Sempervivum calcareum  
Sesamoides purpurascens  
Silene rupestris  
Veronica bachofenii

*Woodsia ilvensis*

##D +02 H31d-Mediterranean-siliceous-inland-cliff

*Alchemilla crenulata*  
*Alchemilla saxatilis*  
*Alchemilla serratisaxatilis*  
*Allosorus hispanicus*  
*Allosorus tinaei*  
*Androsace vandellii*  
*Antirrhinum grosii*  
*Aquilegia bernardii*  
*Armeria leucocephala*  
*Asarina procumbens*  
*Asplenium adiantum-nigrum*  
*Asplenium adiantum-nigrum* subsp. *onopteris*  
*Asplenium adiantum-nigrum* x *alternifolium*  
*Asplenium foreziense*  
*Asplenium obovatum*  
*Asplenium septentrionale*  
*Asplenium trichomanes*  
*Bufonia macropetala*  
*Campanula samothracica*  
*Castroviejoa frigida*  
*Centaurea avilae*  
*Centranthus nevadensis* subsp. *nevadensis*  
*Cystopteris fragilis* subsp. *dickieana*  
*Dianthus sylvestris*  
*Draba dubia*  
*Draba loiseleurii*  
*Dryopteris pallida*  
*Erigeron paolii*  
*Erodium rupicola*  
*Festuca sardoa*  
*Hieracium carpetanum*  
*Hieracium schmidtii*  
*Hypericum cuisinii*  
*Jasione crispa*  
*Leucanthemum corsicum*  
*Leucanthemum monspeliense*  
*Linaria capraria*  
*Linaria purpurea*  
*Minuartia recurva*  
*Murbeckiella boryi*  
*Narcissus rupicola* subsp. *rupicola*  
*Phyteuma serratum*  
*Polygonum icaricum*  
*Polypodium cambricum*

Potentilla crassinervia  
Saxifraga genesiana  
Saxifraga nevadensis  
Saxifraga pedemontana  
Saxifraga pentadactylis  
Saxifraga sibirica  
Saxifraga vayredana  
Scabiosa corsica  
Sempervivum minutum  
Silene boryi  
Silene foetida  
Silene requienii  
Umbilicus horizontalis

##D +02 H32a-Boreal-and-arctic-base-rich-inland-cliff

Arabidopsis petraea  
Arabis alpina  
Arenaria norvegica subsp. norvegica  
Asplenium ruta-muraria  
Asplenium scolopendrium  
Asplenium trichomanes  
Asplenium viride  
Cerastium nigrescens  
Cystopteris fragilis  
Cystopteris fragilis subsp. alpina  
Cystopteris fragilis subsp. dickieana  
Draba fladnizensis  
Draba incana  
Poa glauca  
Polypodium vulgare  
Potentilla crantzii  
Rhodiola rosea  
Saxifraga adscendens  
Saxifraga nivalis  
Saxifraga paniculata  
Saxifraga rivularis  
Silene suecica  
Woodsia alpina

##D +02 H32b-Temperate-high-mountain-base-rich-inland-cliff

Achillea oxyloba  
Androsace cylindrica  
Androsace helvetica  
Androsace lactea  
Arabis pumila subsp. stellulata  
Artemisia umbelliformis  
Asperula hirta

Asplenium seelosii  
Asplenium trichomanes  
Asplenium viride  
Ballota frutescens  
Campanula cochleariifolia  
Cystopteris fragilis  
Draba aizoides  
Draba kotschyi  
Draba norvegica  
Draba sauteri  
Draba tomentosa  
Festuca stenantha  
Gypsophila petraea  
Hieracium humile  
Hormathophylla purpurea  
Kerneria saxatilis  
Minuartia rupestris  
Petrocallis pyrenaica  
Phyteuma charmelii  
Phyteuma cordatum  
Potentilla alchimilloides  
Potentilla caulescens  
Potentilla nivalis  
Potentilla saxifraga  
Primula allionii  
Primula marginata  
Ramonda myconi  
Rhamnus pumila  
Saxifraga aretioides  
Saxifraga callosa  
Saxifraga longifolia  
Saxifraga marginata  
Saxifraga media  
Saxifraga moschata  
Saxifraga mutata subsp. demissa  
Silene campanula  
Thymus pulcherrimus  
Trisetum bertolonii

##D +02 H32c-Temperate-lowland-to-montane-base-rich-inland-cliff

Androsace hausmannii  
Androsace helvetica  
Androsace lactea  
Arabis pumila  
Arabis pumila subsp. stellulata  
Asplenium scolopendrium  
Asplenium trichomanes

Asplenium viride  
Campanula cespitosa  
Carex brachystachys  
Carex ornithopoda  
Cystopteris fragilis  
Cystopteris fragilis subsp. alpina  
Draba aizoides  
Draba norvegica  
Draba sauteri  
Draba tomentosa  
Festuca alpina  
Festuca stenantha  
Hieracium bupleuroides  
Hieracium humile  
Kerneria saxatilis  
Moehringia muscosa  
Petrocallis pyrenaica  
Polypodium interjectum  
Potentilla caulescens  
Rhamnus pumila  
Sedum hispanicum  
Valeriana saxatilis  
Valeriana tripteris  
Woodsia pulchella

##D +02 H32d-Mediterranean-base-rich-inland-cliff

Achillea ageratifolia  
Achillea cretica  
Achillea pindicola subsp. integrifolia  
Aethionema lycium  
Aethionema saxatile  
Aethionema schistosum  
Aethionema spicatum  
Alchemilla ellenbergiana  
Allium antonii-bolosii  
Allium grosii  
Allosorus acrosticus  
Allosorus hispanicus  
Allosorus persicus  
Alyssoides cretica  
Amelanchier parviflora  
Anogramma leptophylla  
Anthriscus kotschy  
Antirrhinum hispanicum subsp. mollissimum  
Antirrhinum microphyllum  
Antirrhinum pertegasii  
Antirrhinum pulverulentum

Antirrhinum subbaeticum  
Antirrhinum valentinum  
Arabis alpina  
Arabis bryoides  
Arenaria balearica  
Arenaria cretica  
Arenaria deflexa  
Arenaria kotschyana  
Arenaria pamphylica  
Arenaria tmolea  
Arenaria uninervia  
Artemisia chamaemelifolia subsp. cantabrica  
Asperula arcadiensis  
Asperula boissieri  
Asperula boryana  
Asperula pau subsp. dianensis  
Asperula pau subsp. pau  
Asperula pubescens  
Asperula serotina  
Asperula stricta subsp. grandiflora  
Asperula tournefortii  
Asplenium aegaeum  
Asplenium ceterach  
Asplenium creticum  
Asplenium fissum  
Asplenium fontanum  
Asplenium lepidum  
Asplenium petrarchae  
Asplenium ruta-muraria  
Asplenium sagittatum  
Asplenium seelosii  
Asplenium tadei  
Asplenium trichomanes  
Asyneuma compactum  
Asyneuma linifolium subsp. linifolium  
Asyneuma lycium  
Athamanta vayredana  
Aubrieta canescens  
Aubrieta deltoidea  
Aubrieta thessala  
Aurinia corymbosa  
Aurinia saxatilis  
Bellium bellidioides  
Biscutella frutescens  
Brassica balearica  
Brassica cretica  
Bubon macedonicum



*Bufo* *calyculata*  
*Bupleurum* *barceloi*  
*Bupleurum* *kakiskalae*  
*Campanula* *affinis*  
*Campanula* *aizoon*  
*Campanula* *celsii*  
*Campanula* *cretica*  
*Campanula* *cymbalaria*  
*Campanula* *isaurica*  
*Campanula* *laciniata*  
*Campanula* *mollis*  
*Campanula* *oreadum*  
*Campanula* *pelviformis*  
*Campanula* *rupestris*  
*Campanula* *rupicola*  
*Campanula* *tubulosa*  
*Campanula* *versicolor*  
*Capparis* *orientalis*  
*Cardamine* *plumierii*  
*Carex* *rorulenta*  
*Carum* *meoides*  
*Centaurea* *argentea*  
*Centaurea* *boissieri*  
*Centaurea* *cariensis*  
*Centaurea* *clementei*  
*Centaurea* *drabifolia*  
*Centaurea* *lancifolia*  
*Centaurea* *mariana*  
*Centaurea* *ossaea*  
*Centaurea* *poculatoris*  
*Centaurea* *redempta*  
*Centaurea* *resupinata*  
*Centaurea* *rouyi*  
*Centaurea* *saxicola*  
*Centaurea* *segariensis*  
*Centranthus* *ruber*  
*Cephalaria* *squamiflora* subsp. *balearica*  
*Cephalaria* *squamiflora* subsp. *mediterranea*  
*Chaenorhinum* *organifolium*  
*Chaenorhinum* *organifolium* subsp. *segoviense*  
*Chaenorhinum* *tenellum*  
*Chiliadenus* *glutinosus*  
*Clinopodium* *rouyanum*  
*Clinopodium* *serpyllifolium* subsp. *fruticosum*  
*Cosentinia* *vellea*  
*Crepis* *auriculifolia*  
*Crepis* *triasii*

*Crocus cambessedesii*  
*Cystopteris fragilis*  
*Danthoniastrum compactum*  
*Davallia canariensis*  
*Dianthus elegans*  
*Dianthus fruticosus*  
*Dianthus juniperinus*  
*Dianthus rupicola*  
*Dianthus xylorrhizus*  
*Digitalis dubia*  
*Doronicum cacaliifolium*  
*Dorystaechas hastata*  
*Draba acaulis*  
*Draba lacaitae*  
*Draba lasiocarpa*  
*Draba scardica*  
*Ebenus cretica*  
*Erodium reichardii*  
*Eryngium ternatum*  
*Erysimum candicum*  
*Euphorbia herniariifolia*  
*Festuca pseudosupina*  
*Ficus carica*  
*Galatella cretica*  
*Galium canum*  
*Galium crespianum*  
*Galium degenii*  
*Galium erythrorrhizon*  
*Galium fruticosum*  
*Galium graecum*  
*Geranium glaberrimum*  
*Globularia majoricensis*  
*Gnaphalium leucopilinum*  
*Gypsophila montserratii*  
*Helichrysum crassifolium*  
*Helichrysum heldreichii*  
*Helichrysum melitense*  
*Helichrysum orientale*  
*Helictochloa crassifolia*  
*Hieracium amplexicaule*  
*Hieracium aragonense*  
*Hieracium bourgaei* subsp. *baeticum*  
*Hieracium candidum*  
*Hieracium elisaeaeum*  
*Hieracium humile*  
*Hieracium laniferum*  
*Hieracium lawsonii*

Hieracium loscosianum  
Hieracium mixtum  
Hieracium pannosum  
Hieracium sartorianum  
Hieracium scapigerum  
Hieracium texedense  
Hippocrepis balearica  
Hippocrepis valentina  
Hirtellina fruticosa  
Hirtinella lobelii  
Hormathophylla cadevalliana  
Hormathophylla cochleata subsp. baetica  
Hormathophylla reverchonii  
Hypericum aciferum  
Hypericum amblycalyx  
Hypericum jovis  
Hypericum origanifolium  
Hypericum taygeteum  
Iberis gibraltaria  
Inula candida  
Inula heterolepis  
Inula methanaea  
Inula oxylepis  
Inula parnassica  
Inula pseudolimonella  
Inula verbascifolia  
Jacobaea gnaphalioides  
Jankaea heldreichii  
Jasione foliosa  
Lactuca acanthifolia  
Lafuentea rotundifolia  
Laserpitium petrophilum  
Lepidium villarsii subsp. anticarium  
Linaria anticaria  
Linaria cavanillesii  
Linaria verticillata  
Linum arboreum  
Lomelosia albocincta  
Lomelosia crenata  
Lomelosia cretica  
Lomelosia hymettia  
Lomelosia minoana  
Lomelosia variifolia  
Macrotomia densiflora  
Melica rectiflora  
Michauxia tchihatcheffii  
Micromeria filiformis

Micromeria myrtifolia  
Minuartia verna  
Moehringia intricata subsp. castellana  
Moehringia intricata subsp. intricata  
Moehringia intricata subsp. tejedensis  
Myosotis speluncicola  
Narcissus calcicola  
Naufraga balearica  
Nepeta concolor  
Nepeta phyllochlamys  
Odontites linkii  
Omphalodes luciliae subsp. cilicica  
Onobrychis sphaciotica  
Onosma graeca  
Origanum dictamnus  
Papaver rupifragum subsp. rupifragum  
Petromarula pinnata  
Petrorhagia dianthoides  
Phagnalon rupestre  
Phagnalon sordidum  
Phyllolepidum cyclocarpum subsp. cyclocarpum  
Poa cenisia  
Polypodium cambricum  
Polypodium interjectum  
Polypodium vulgare  
Potentilla deorum  
Potentilla kotschyana  
Potentilla pulvinaris  
Potentilla speciosa  
Pseudoscabiosa grosii  
Pseudoscabiosa saxatilis  
Ptilostemon chamaepeuce  
Ramonda myconi  
Ranunculus creticus  
Ranunculus weyleri  
Rhamnus alpina  
Rhamnus libanotica  
Rhamnus pumila  
Rhamnus sibthorpianus  
Rosularia libanotica  
Rosularia serrata  
Rubia angustifolia  
Rupicapnos africana subsp. decipiens  
Sanguisorba ancistroides  
Sanguisorba cretica  
Sarcocapnos baetica  
Sarcocapnos crassifolia subsp. speciosa

*Sarcocapnos enneaphylla* subsp. *saetabensis*  
*Sarcocapnos pulcherrima*  
*Satureja parnassica*  
*Saxifraga biternata*  
*Saxifraga bourgaeana*  
*Saxifraga camposii*  
*Saxifraga corsica* subsp. *corsica*  
*Saxifraga corsica* subsp. *cossoniana*  
*Saxifraga cuneata*  
*Saxifraga exarata*  
*Saxifraga federici-augusti* subsp. *grisebachii*  
*Saxifraga fragilis*  
*Saxifraga glabella*  
*Saxifraga granatensis*  
*Saxifraga kotschyi*  
*Saxifraga latepetiolata*  
*Saxifraga longifolia* subsp. *longifolia*  
*Saxifraga losae*  
*Saxifraga luteoviridis*  
*Saxifraga marginata*  
*Saxifraga moncayensis*  
*Saxifraga paniculata*  
*Saxifraga porophylla*  
*Saxifraga reuteriana*  
*Saxifraga rigoi*  
*Saxifraga scardica*  
*Saxifraga sempervivum*  
*Saxifraga sibthorpii*  
*Saxifraga spruneri*  
*Saxifraga taygetea*  
*Scorzonera cretica*  
*Scrophularia depauperata*  
*Scrophularia heterophylla*  
*Scrophularia kotschyana*  
*Scrophularia libanotica*  
*Scutellaria hirta*  
*Securigera globosa*  
*Sedum dasyphyllum* subsp. *dasyphyllum*  
*Sedum dasyphyllum* subsp. *glanduliferum*  
*Sedum dasyphyllum* subsp. *granatense*  
*Sedum magellense*  
*Selaginella denticulata*  
*Sempervivum marmoreum*  
*Senecio castagneanus*  
*Sesleria doerfleri*  
*Sesleria insularis*  
*Sibthorpia africana*

Sideritis glauca  
Sideritis perfoliata  
Sideritis stachydioides  
Silene andryalifolia  
Silene auriculata  
Silene boryi  
Silene congesta  
Silene gazulensis  
Silene gigantea  
Silene hifacensis  
Silene leptoclada  
Silene mollissima  
Silene odontopetala  
Silene parnassica  
Silene pusilla  
Silene saxifraga  
Silene tomentosa  
Solenopsis balearica  
Stachys candida  
Stachys chrysantha  
Stachys parolinii  
Stachys spreitzenhoferi  
Stachys swainsonii  
Staehelina petiolata  
Symphytum creticum  
Tanacetum argenteum subsp. canum  
Tanacetum argenteum subsp. flabellifolium  
Tanacetum armenum  
Teucrium aroanium  
Teucrium buxifolium subsp. buxifolium  
Teucrium cuneifolium  
Teucrium fragile  
Teucrium francisci-wernerii  
Teucrium freynii  
Teucrium halacsyanum  
Teucrium hifacense  
Teucrium intricatum  
Teucrium rivas-martinezii  
Teucrium rivasii  
Teucrium rotundifolium subsp. rotundifolium  
Teucrium thymifolium  
Thymus richardii subsp. ebusitanus  
Thymus richardii subsp. richardii  
Trisetum velutinum  
Umbilicus horizontalis  
Umbilicus luteus  
Umbilicus rupestris

Valeriana apula  
Valeriana asarifolia  
Valeriana longiflora  
Valeriana sisymbriifolia  
Valeriana speluncaria  
Valeriana tripteris  
Verbascum arcturus  
Verbascum pestalozzae  
Veronica bellidioides  
Veronica kotschyana  
Viola chelmea  
Viola herzogii  
Viola parnonia  
Viola perinensis  
Viola poetica

##D +02 H32ef-Ultramafic-inland-cliff  
Asplenium adiantum-nigrum subsp. serpentini  
Asplenium adulterinum  
Asplenium alternifolium  
Asyneuma limonifolium  
Drymocallis malacophylla  
Halacsya sendtneri  
Noccaea praecox  
Odontarrhena muralis  
Onosma echioides  
Paragymnopteris marantae  
Silene flavescens

##D +02 H32g-Mediterranean-ultramafic-inland-cliff  
Allosorus guanchicus  
Allosorus pteridioides  
Asplenium balearicum  
Asplenium foreziense  
Asplenium obovatum  
Cosentinia vellea  
Paragymnopteris marantae  
Pellaea calomelanos  
Rosularia serpentinica  
Viola sandrasea

##D +02 H33-Macaronesian-inland-cliff  
Adiantum reniforme  
Aeonium aizoon  
Aeonium aureum  
Aeonium balsamiferum  
Aeonium canariense

Aeonium castello-paivae  
Aeonium cuneatum  
Aeonium decorum  
Aeonium diplocyclum  
Aeonium glandulosum  
Aeonium glutinosum  
Aeonium gomerense  
Aeonium goochiae  
Aeonium haworthii  
Aeonium hierrense  
Aeonium holochrysum  
Aeonium lancerottense  
Aeonium manriqueorum  
Aeonium mascaense  
Aeonium nobile  
Aeonium palmense  
Aeonium percarneum  
Aeonium rubrolineatum  
Aeonium saundersii  
Aeonium sedifolium  
Aeonium simsii  
Aeonium smithii  
Aeonium spathulatum  
Aeonium subplanum  
Aeonium tabulaeforme  
Aeonium undulatum  
Aeonium urbicum  
Aeonium valverdense  
Aeonium vestitum  
Aeonium virgineum  
Aeonium viscatum  
Aeonium x burchardii  
Aeonium x meyerheimii  
Aichryson bethencourtianum  
Aichryson bituminosum  
Aichryson bollei  
Aichryson brevipetalum  
Aichryson divaricatum  
Aichryson dumosum  
Aichryson laxum  
Aichryson pachycaulon  
Aichryson pachycaulon subsp. immaculatum  
Aichryson parlatoarei  
Aichryson punctatum  
Aichryson tortuosum  
Aichryson villosum  
Allagopappus canariensis



Allosorus acrosticus  
Allosorus fragilis  
Allosorus guanchicus  
Allosorus pteridioides  
Allosorus tinaei  
Andryala crithmifolia  
Andryala glandulosa  
Anogramma leptophylla  
Asplenium aethiopicum subsp. aethiopicum  
Asplenium aethiopicum subsp. braitwaitii  
Asplenium aureum  
Asplenium hemionitis  
Asplenium lolegnamense  
Asplenium marinum  
Asplenium monanthes  
Asplenium septentrionale  
Asplenium trichomanes subsp. maderense  
Athamanta cervariifolia  
Babcockia platylepis  
Bethencourtia palmensis  
Cosentinia vellea  
Crambe arborea  
Crambe laevigata  
Crambe scaberrima  
Crepis vesicaria subsp. andryaloides  
Cyrtonium falcatum  
Cystopteris fragilis subsp. diaphana  
Davallia canariensis  
Dendriopoterium menendezii  
Festuca agustini  
Galium productum  
Greenovia dodrentalis  
Habenaria tridactylites  
Hypericum grandifolium  
Hypericum reflexum  
Hypochaeris oligocephala  
Matthiola maderensis  
Micromeria teneriffae  
Micromeria varia subsp. thymoides  
Minuartia platyphylla  
Monanthes adenoscepes  
Monanthes anagensis  
Monanthes brachycaulon  
Monanthes icterica  
Monanthes laxiflora  
Monanthes lowei  
Monanthes muralis

Monanthes pallens  
Monanthes polyphylla  
Monanthes polyphylla subsp. amydros  
Monizia edulis  
Musschia aurea  
Paragymnopteris marantae  
Parietaria filamentosa  
Pericallis lanata  
Phyllis viscosa  
Plantago leiopetala  
Polycarpaea carnosa  
Polypodium cambricum subsp. azoricum  
Polypodium cambricum subsp. macaronesicum  
Polypodium x fontqueri  
Rhamnus integrifolia  
Salvia broussonetii  
Saxifraga maderensis  
Saxifraga portosanctana  
Sedum brissemoretii  
Sedum farinosum  
Sedum fusiforme  
Sedum nudum  
Selaginella kraussiana  
Silene berthelotiana  
Sinapidendron angustifolium  
Sinapidendron frutescens  
Sinapidendron gymnocalyx  
Sinapidendron rupestre  
Sonchus acaulis  
Sonchus congestus  
Sonchus gummifer  
Sonchus pendulus  
Sonchus radicans  
Sonchus tectifolius  
Sonchus tuberifer  
Thelypteris pozoi  
Tolpis calderae  
Tolpis crassiuscula  
Tolpis lagopoda  
Tolpis macrorhiza  
Tolpis succulenta  
Vieraea laevigata  
Woodwardia radicans

##D +02 H34-Wet-inland-cliff  
Adiantum capillus-veneris  
Alchemilla glabra

Asplenium scolopendrium  
Borago pygmaea  
Carex brachystachys  
Cystopteris fragilis  
Cystopteris fragilis subsp. alpina  
Dianthus nitidus  
Hypericum hircinum  
Hypericum nummularium  
Moehringia muscosa  
Phegopteris connectilis  
Pinguicula grandiflora  
Pinguicula hirtiflora  
Polypodium interjectum

##D +02 H51b-Polar-desert  
Alopecurus magellanicus  
Cerastium nigrescens  
Cerastium regelii  
Draba corymbosa  
Draba pauciflora  
Luzula confusa  
Papaver radicum  
Phippsia algida  
Poa arctica  
Ranunculus sabinii  
Saxifraga cespitosa  
Saxifraga hyperborea  
Saxifraga oppositifolia

##D +02 H61-Mediterranean-and-temperate-volcanic-field  
Agrostis canina subsp. monteluccii  
Anthemis aetnensis  
Argyranthemum tenerifae  
Cerastium tomentosum  
Rumex aetnensis  
Saponaria sicula  
Scleranthus perennis subsp. vulcanicus  
Senecio squalidus subsp. aethnensis  
Silene nocteolens  
Viola cheiranthifolia

##D +03 B14a-Atlantic-and-Baltic-coastal-dune-grassland-grey-dune  
Achillea maritima  
Alyssum loiseleurii  
Anchusa calcarea  
Armeria pungens  
Armeria welwitschii



Alyssum hirsutum  
Alyssum minutum  
Anagallis monelli  
Anthemis maritima  
Anthemis tomentosa  
Anthyllis hamosa  
Anthyllis hermanniae  
Armeria pungens  
Artemisia monosperma  
Asteriscus imbricatus  
Atractylis carduus  
Calendula suffruticosa  
Calystegia soldanella  
Carex liparocarpos  
Centaurea cuneifolia  
Centaurea greuteri  
Centaurea sphaerocephala  
Centaurea spinosa  
Centaurea tommasinii  
Cionura erecta  
Corynephorus divaricatus  
Crucianella maritima  
Cynanchum acutum  
Cyperus capitatus  
Cyperus macrorhizus  
Dianthus pyrenaicus  
Echinops spinosissimus  
Echiochilon fruticosum  
Echium angustifolium  
Ephedra distachya  
Erodium lebelli  
Eryngium maritimum  
Erysimum diffusum  
Erysimum graecum  
Euphorbia paralias  
Euphorbia terracina  
Filago lusitanica  
Fumana procumbens  
Helichrysum stoechas  
Hypericum olympicum  
Imperata cylindrica  
Jasione heldreichii  
Lagurus ovatus  
Launaea fragilis  
Linaria pedunculata  
Lomelosia argentea  
Lomelosia rutifolia

Lotus creticus  
Lotus cytisoides  
Lotus glaucus  
Lotus pseudo-creticus  
Malcolmia ramosissima  
Malcolmia triloba  
Maresia nana  
Matthiola sinuata  
Medicago littoralis  
Medicago marina  
Ononis angustifolia  
Ononis natrix  
Ononis tournefortii  
Pancratium maritimum  
Phleum arenarium  
Pimpinella villosa  
Plantago albicans  
Polycarpaea nivea  
Polygonum equisetiforme  
Scrophularia ramosissima  
Senecio glaucus  
Seseli tortuosum  
Silene congesta  
Silene conica  
Silene dichotoma  
Silene niceensis  
Silene subconica  
Sixalix atropurpurea  
Stachys atherocalyx  
Trachomitum venetum  
Traganum moquinii  
Verbascum litigiosum  
Verbascum pinnatifidum  
Verbascum sinuatum subsp. sinuatum  
Vulpia alopecuros  
Vulpia fasciculata

##D +03 B14c-Black-Sea-coastal-dune-grassland-grey-dune

Achillea maritima  
Alyssum hirsutum  
Alyssum minutum  
Asperula graveolens subsp. graveolens  
Asterolinon linum-stellatum  
Astragalus varius  
Astrodaucus littoralis  
Calystegia soldanella  
Carex colchica

Carex liparocarpos  
Centaurea arenaria aggr.  
Centaurea odessana  
Cionura erecta  
Convolvulus persicus  
Corispermum nitidum  
Cynanchum acutum  
Cyperus capitatus  
Dianthus bessarabicus  
Ephedra distachya  
Erodium lebelii  
Eryngium maritimum  
Erysimum diffusum  
Erysimum montanum  
Euphorbia paralias  
Euphorbia seguieriana  
Festuca arenicola  
Festuca beckeri  
Festuca polesica  
Fumana procumbens  
Goniolimon collinum  
Gypsophila perfoliata  
Hypericum olympicum  
Imperata cylindrica  
Jasione heldreichii  
Jasione montana  
Jurinea kilaea  
Lagurus ovatus  
Lepidotrichum uechtritzianum  
Linaria genistifolia  
Linum tauricum  
Lomelosia argentea  
Lomelosia ucranica  
Maresia nana  
Medicago littoralis  
Medicago marina  
Odontarrhena borzaeana  
Pancratium maritimum  
Peucedanum arenarium  
Secale sylvestre  
Seseli tortuosum  
Silene borysthenica  
Silene euxina  
Silene thymifolia  
Stachys atherocalyx  
Stipa borysthenica  
Trachomitum venetum

Verbascum pinnatifidum  
Verbascum purpureum

##D +03 C11a-Permanent-oligotrophic-waterbody-with-very-soft-  
water-species

Eleocharis palustris  
Eriocaulon aquaticum  
Isoetes boryana  
Isoetes lacustris  
Isoetes longissima subsp. tenuissima  
Isoetes setacea  
Isolepis fluitans  
Lobelia dortmanna  
Luronium natans  
Myriophyllum alterniflorum  
Plantago uniflora  
Potamogeton epihydrus  
Ranunculus reptans  
Subularia aquatica

##D +03 C11b-Permanent-oligotrophic-to-mesotrophic-waterbody-with-  
soft-water-species

Alisma gramineum  
Antinoria agrostidea  
Aristavena setacea  
Baldellia alpestris  
Baldellia ranunculoides  
Eleocharis acicularis  
Eleocharis multicaulis  
Eleocharis palustris  
Hydrocotyle vulgaris  
Isoetes lacustris  
Isoetes setacea  
Isolepis fluitans  
Juncus bulbosus  
Juncus emmanuelis  
Juncus heterophyllus  
Lobelia dortmanna  
Luronium natans  
Lycopodiella inundata  
Myriophyllum alterniflorum  
Pilularia globulifera  
Plantago uniflora  
Potamogeton gramineus  
Potamogeton polygonifolius  
Ranunculus ololeucos  
Ranunculus reptans



Samolus valerandi  
Sparganium angustifolium  
Subularia aquatica

##D +03 C12a-Permanent-oligotrophic-to-mesotrophic-waterbody-with-  
Characeae  
Nitella flexilis

##D +03 C12b-Mesotrophic-to-eutrophic-waterbody-with-vascular-  
plants  
Ceratophyllum demersum  
Elodea canadensis  
Hydrocharis morsus-ranae  
Myriophyllum spicatum  
Nelumbo nucifera  
Nuphar lutea  
Nuphar pumila  
Nymphaea alba  
Potamogeton acutifolius  
Potamogeton alpinus  
Potamogeton berchtoldii  
Potamogeton compressus  
Potamogeton friesii  
Potamogeton lucens  
Potamogeton natans  
Potamogeton perfoliatus  
Potamogeton trichoides  
Ranunculus aquatilis  
Ranunculus circinatus  
Stratiotes aloides  
Trapa natans  
Utricularia vulgaris

##D +03 C14-Permanent-dystrophic-waterbody  
Juncus bulbosus  
Myriophyllum alterniflorum  
Potamogeton alpinus  
Potamogeton perfoliatus  
Sparganium angustifolium  
Sparganium emersum  
Sparganium natans  
Utricularia intermedia  
Utricularia minor  
Utricularia vulgaris

##D +03 C15-Permanent-inland-saline-and-brackish-waterbody  
Althenia filiformis

*Althenia orientalis*  
*Callitriche lenisulca*  
*Callitriche stagnalis*  
*Callitriche truncata* subsp. *fimbriata*  
*Najas marina*  
*Najas minor*  
*Ranunculus peltatus* subsp. *baudotii*  
*Ranunculus polyphyllus*  
*Ruppia cirrhosa*  
*Ruppia maritima*  
*Stuckenia pectinata*  
*Zannichellia obtusifolia*  
*Zannichellia palustris*  
*Zannichellia pedicellata*

##D +03 C16b-Mediterranean-temporary-waterbody

*Agrostis salmantica*  
*Baldellia ranunculoides*  
*Bellis annua*  
*Briza minor*  
*Callitriche brutia*  
*Callitriche platycarpa*  
*Callitriche truncata*  
*Centaurium maritimum*  
*Centaurium spicatum*  
*Chaetopogon fasciculatus*  
*Cicendia filiformis*  
*Crassula tillaea*  
*Crassula vaillantii*  
*Cyperus longus*  
*Cyperus michelianus*  
*Damasonium alisma*  
*Damasonium bourgaei*  
*Damasonium polyspermum*  
*Elatine gussonei*  
*Elatine macropoda*  
*Eryngium corniculatum*  
*Exaculum pusillum*  
*Illecebrum verticillatum*  
*Isoetes azorica*  
*Isoetes boryana*  
*Isoetes durieui*  
*Isoetes heldreichii*  
*Isoetes histrix*  
*Isoetes setacea*  
*Isoetes velata*  
*Juncus capitatus*

Juncus foliosus  
Juncus pygmaeus  
Lotus angustissimus  
Lotus conimbricensis  
Lotus parviflorus  
Lythrum castellanum  
Lythrum flexuosum  
Lythrum thymifolia  
Lythrum tribracteatum  
Marsilea batardae  
Marsilea strigosa  
Mentha cervina  
Mentha pulegium  
Nananthea perpusilla  
Neoschischkinia pourrettii  
Ophioglossum lusitanicum  
Pilularia minuta  
Polypogon subspathaceus  
Ranunculus batrachioides  
Ranunculus dichotomiflorus  
Ranunculus lateriflorus  
Ranunculus muricatus  
Ranunculus ophioglossifolius  
Ranunculus revelieri  
Ranunculus sardous  
Ranunculus trilobus  
Sisymbrella aspera  
Solenopsis corsica  
Solenopsis laurentia  
Solenopsis minuta

##D +03 C21a-Base-poor-spring-and-spring-brook

Cardamine acris  
Cardamine amara  
Cardamine flexuosa  
Carex remota  
Carex vaginata  
Chrysosplenium alternifolium  
Chrysosplenium oppositifolium  
Circaea alpina  
Circaea x intermedia  
Crepis paludosa  
Epilobium alsinifolium  
Epilobium hornemannii  
Epilobium nutans  
Epilobium obscurum  
Epilobium palustre

Impatiens noli-tangere  
Montia fontana  
Myosotis stolonifera  
Petasites frigidus  
Pinguicula balcanica  
Poa remota  
Ranunculus hederaceus  
Ranunculus omiophyllus  
Saxifraga aizoides  
Saxifraga stellaris  
Stellaria alsine  
Veronica nevadensis

##D +03 C21b-Calcareous-spring-and-spring-brook

Arabis soyeri  
Carex acutiformis  
Carex appropinquata  
Carex atrofusca  
Carex capillaris  
Carex capitata  
Carex flava  
Carex saxatilis  
Cochlearia pyrenaica  
Deschampsia argentea  
Epilobium davuricum  
Equisetum scirpoides  
Equisetum variegatum  
Juncus biglumis  
Juncus triglumis  
Montia fontana  
Oenanthe divaricata  
Pinguicula longifolia  
Pinguicula vulgaris  
Saxifraga aizoides

##D +03 C22a-Permanent-non-tidal-fast-turbulent-watercourse-of-  
montane-to-alpine-regions-with-mosses

Blindia acuta  
Brachythecium plumosum  
Brachythecium rivulare  
Scapania undulata  
Porina clorotica  
Dermatocarpon luridum  
Cinclidotus fontinaloides  
Cinclidotus riparius  
Dichodontium pellucidum  
Fontinalis antipyretica

Hydrogrimmia mollis  
Hygrohypnum molle  
Hygrohypnum smithii  
Schistidium rivulare  
Jungermannia exsertifolia  
Philonotis fontana  
Platyhypnidium riparioides  
Pohlia wahlenbergii  
Racomitrium fasciculare

##D +03 C22b-Permanent-non-tidal-fast-turbulent-watercourse-of-  
plains-montane-regions-with-Ranunculus

Berula erecta  
Butomus umbellatus  
Callitriche cophocarpa  
Callitriche hamulata  
Glyceria fluitans  
Myriophyllum alterniflorum  
Potamogeton alpinus  
Potamogeton berchtoldii  
Potamogeton coloratus  
Potamogeton gramineus  
Potamogeton nodosus  
Potamogeton perfoliatus  
Potamogeton polygonifolius  
Ranunculus aquatilis  
Ranunculus circinatus  
Ranunculus fluitans  
Ranunculus peltatus  
Ranunculus penicillatus  
Ranunculus penicillatus subsp. pseudofluitans  
Ranunculus trichophyllus  
Sium latifolium  
Sparganium angustifolium  
Sparganium emersum  
Sparganium erectum  
Veronica anagallis-aquatica  
Veronica beccabunga

##D +03 C23-Permanent-non-tidal-smooth-flowing-watercourse

Berula erecta  
Butomus umbellatus  
Callitriche cophocarpa  
Callitriche hamulata  
Helosciadium nodiflorum  
Mentha aquatica  
Nasturtium officinale

Potamogeton berchtoldii  
Potamogeton coloratus  
Potamogeton crispus  
Potamogeton gramineus  
Potamogeton lucens  
Potamogeton natans  
Potamogeton nodosus  
Potamogeton perfoliatus  
Potamogeton polygonifolius  
Potamogeton pusillus  
Ranunculus aquatilis  
Ranunculus circinatus  
Ranunculus trichophyllus  
Rorippa amphibia  
Sagittaria sagittifolia  
Schoenoplectus lacustris  
Sium latifolium  
Sparganium emersum  
Sparganium erectum  
Stuckenia pectinata  
Veronica anagallis-aquatica  
Veronica beccabunga  
Zannichellia palustris

##D +03 C24-Tidal-river-upstream-from-the-estuary

Bolboschoenus maritimus  
Callitriche truncata  
Deschampsia wibeliana  
Elatine hydropiper  
Elatine triandra  
Jacobaea paludosa  
Najas marina  
Najas minor  
Nasturtium officinale  
Oenanthe conioides  
Potamogeton nodosus  
Potamogeton perfoliatus  
Sagittaria sagittifolia  
Schoenoplectus triqueter  
Senecio sarracenicus  
Sparganium emersum  
Vallisneria spiralis  
Veronica anagallis-aquatica  
Veronica catenata  
Zannichellia palustris

##D +03 C25a-Temperate-temporary-running-watercourse

Glyceria fluitans  
Glyceria notata  
Helosciadium nodiflorum  
Mentha aquatica  
Myosotis scorpioides  
Nasturtium officinale  
Ranunculus peltatus  
Ranunculus penicillatus subsp. pseudofluitans  
Veronica anagallis-aquatica

##D +03 C35a-Periodically-exposed-shore-with-stable-eutrophic-  
sediments-with-pioneer-vegetation

Alopecurus aequalis  
Bidens cernuus  
Bidens connata  
Bidens frondosus  
Bidens radiatus  
Bidens tripartitus  
Corrigiola litoralis  
Oxybasis glauca  
Oxybasis rubra  
Persicaria dubia  
Persicaria foliosa  
Persicaria hydropiper  
Persicaria lapathifolia  
Persicaria minor  
Potentilla supina  
Pulicaria vulgaris  
Ranunculus sceleratus  
Rorippa palustris  
Rumex maritimus  
Tephrosieris palustris

##D +03 C35b-Periodically-exposed-shore-with-stable-mesotrophic-  
sediments-with-pioneer-vegetation

Anagallis minima  
Blackstonia perfoliata  
Carex bohemica  
Centaurium pulchellum  
Cerastium dubium  
Chaetopogon fasciculatus  
Cicendia filiformis  
Coleanthus subtilis  
Corrigiola litoralis  
Crassula aquatica  
Crassula tillaea  
Cyperus flavescens

Cyperus fuscus  
Cyperus michelianus  
Damasonium alisma  
Elatine alsinastrum  
Elatine hexandra  
Elatine hydropiper  
Elatine macropoda  
Elatine triandra  
Eleocharis acicularis  
Eleocharis ovata  
Fimbristylis dichotoma  
Gnaphalium uliginosum  
Gypsophila muralis  
Hypericum humifusum  
Illecebrum verticillatum  
Isoetes durieui  
Isoetes histrix  
Isoetes velata  
Isolepis setacea  
Juncus bufonius  
Juncus capitatus  
Juncus minutulus  
Juncus pygmaeus  
Juncus ranarius  
Juncus tenageia  
Koenigia islandica  
Limosella aquatica  
Lindernia dubia  
Lindernia procumbens  
Ludwigia palustris  
Lythrum hyssopifolia  
Lythrum tribracteatum  
Mentha pulegium  
Myosurus minimus  
Neoschischkinia pourrettii  
Potentilla supina  
Pulicaria vulgaris  
Radiola linoides  
Ranunculus lateriflorus  
Ranunculus muricatus  
Ranunculus ophioglossifolius  
Ranunculus sardous  
Sagina apetala  
Sagina nodosa  
Samolus valerandi  
Solenopsis laurentia  
Solenopsis minuta



Spergularia echinosperma  
Spergularia rubra  
Verbena supina  
Veronica anagalloides  
Veronica catenata  
Veronica scardica

##D +03 C35c-Periodically-exposed-saline-shore-with-pioneer-  
vegetation

Centaureum pulchellum  
Corrigiola telephiifolia  
Cressa cretica  
Crypsis aculeata  
Crypsis alopecuroides  
Crypsis schoenoides  
Cyperus flavescens  
Cyperus pannonicus  
Digitaria debilis  
Eleocharis carniolica  
Fimbristylis bisumbellata  
Fimbristylis dichotoma  
Glinus lotoides  
Heliotropium supinum  
Juncus biglumis  
Juncus tenageia  
Juncus triglumis  
Koenigia islandica  
Lepidium coronopus  
Lepidium latifolium  
Lythrum hyssopifolia  
Lythrum tribracteatum  
Oxybasis glauca  
Panicum debile  
Paspalum distichum  
Polygonum salsugineum  
Polypogon maritimus  
Polypogon monspeliensis  
Pulicaria arabica  
Pulicaria sicula  
Samolus valerandi  
Spergularia marina  
Spergularia media  
Verbena supina

##D +03 C35d-Unvegetated-or-sparsely-vegetated-shore-with-mobile-  
sediments-in-montane-alpine-regions

Astragalus alpinus

Calamagrostis neglecta  
Calamagrostis pseudophragmites  
Cerastium alpinum  
Chaerophyllum hirsutum  
Chondrilla chondrilloides  
Cotoneaster cinnabarinus  
Elymus fibrosus  
Elymus alaskanus subsp. subalpinus  
Elymus transbaicalensis  
Epilobium dodonaei  
Epilobium fleischeri  
Epilobium latifolium  
Epilobium roseum  
Equisetum variegatum  
Erigeron acris  
Festuca vivipara  
Gnaphalium uliginosum  
Hippophae rhamnoides  
Luzula spicata  
Myosotis scorpioides  
Myosoton aquaticum  
Oenanthe crocata  
Petasites hybridus  
Petasites kablikianus  
Ptychotis saxifraga  
Rumex scutatus  
Saxifraga aizoides  
Scrophularia canina  
Tolpis staticifolia  
Trifolium saxatile

##D +03 C35e-Unvegetated-or-sparsely-vegetated-shore-with-mobile-  
sediments-in-the-Mediterranean-region

Agrostis semiverticillata  
Andryala integrifolia  
Arenaria montana  
Asperula purpurea  
Centranthus ruber  
Conopodium thalictrifolium  
Cyperus fuscus  
Dittrichia viscosa  
Dysphania botrys  
Epilobium dodonaei  
Erucastrum nasturtiifolium  
Festuca duriotagana  
Galium corrudifolium  
Glaucium flavum

Iberis carnosa  
Lactuca viminea  
Lotus creticus  
Paspalum dilatatum  
Paspalum distichum  
Paspalum vaginatum  
Polypogon viridis  
Reseda valentina  
Santolina etrusca  
Santolina insularis  
Saponaria officinalis  
Satureja montana  
Scrophularia canina  
Scrophularia sciophila  
Seseli tortuosum  
Xanthium orientale

##D +03 C51a-Tall-helophyte-bed

Acorus calamus  
Alisma plantago-aquatica  
Bolboschoenus laticarpus  
Bolboschoenus maritimus  
Butomus umbellatus  
Calamagrostis canescens  
Calamagrostis purpurea  
Cicuta virosa  
Equisetum fluviatile  
Glyceria fluitans  
Glyceria maxima  
Glyceria spicata  
Iris pseudacorus  
Lycopus europaeus  
Lysimachia vulgaris  
Lythrum salicaria  
Mentha aquatica  
Oenanthe aquatica  
Phalaroides arundinacea  
Phragmites australis  
Rumex hydrolapathum  
Sagittaria sagittifolia  
Schoenoplectus corymbosus  
Schoenoplectus lacustris  
Scolochloa festucacea  
Sium latifolium  
Sparganium erectum  
Sparganium neglectum  
Thelypteris palustris

*Typha angustifolia*  
*Typha domingensis*  
*Typha latifolia*  
*Typha laxmannii*  
*Typha minima*  
*Typha shuttleworthii*

##D +03 C51b-Small-helophyte-bed

*Alisma gramineum*  
*Alisma lanceolata*  
*Alisma plantago-aquatica*  
*Alopecurus aequalis*  
*Bolboschoenus glaucus*  
*Bolboschoenus planiculmis*  
*Bolboschoenus yagara*  
*Butomus umbellatus*  
*Calla palustris*  
*Comarum palustre*  
*Eleocharis mamillata*  
*Eleocharis palustris*  
*Eleocharis uniglumis*  
*Glyceria declinata*  
*Glyceria fluitans*  
*Glyceria nemoralis*  
*Glyceria notata*  
*Glyceria spicata*  
*Helosciadium bermejoi*  
*Helosciadium nodiflorum*  
*Hippuris vulgaris*  
*Juncus subnodulosus*  
*Leersia oryzoides*  
*Menyanthes trifoliata*  
*Nasturtium officinale*  
*Oenanthe aquatica*  
*Rorippa amphibia*  
*Sagittaria sagittifolia*  
*Sparganium emersum*  
*Sparganium erectum*  
*Veronica anagallis-aquatica*  
*Veronica beccabunga*

##D +03 C52-Tall-sedge-bed

*Carex acuta*  
*Carex acutiformis*  
*Carex appropinquata*  
*Carex aquatilis*  
*Carex buxbaumii*

Carex cespitosa  
Carex diandra  
Carex disticha  
Carex elata  
Carex hispida  
Carex lasiocarpa  
Carex lyngbyei  
Carex melanostachya  
Carex paniculata  
Carex pseudocyperus  
Carex randalpina  
Carex reuteriana  
Carex rhynchophysa  
Carex riparia  
Carex rostrata  
Carex vesicaria  
Carex vulpina  
Cladium mariscus

##D +03 C54-Inland-saline-or-brackish-helophyte-bed

Bolboschoenus maritimus  
Carex distachya  
Carex extensa  
Carex melanostachya  
Cirsium brachycephalum  
Juncus acutus  
Juncus gerardi  
Juncus maritimus  
Juncus subulatus  
Melilotus dentatus  
Mentha pulegium  
Phragmites australis  
Puccinellia distans  
Puccinellia peisonis  
Schoenoplectus lacustris subsp. glaucus  
Schoenoplectus litoralis  
Schoenoplectus pungens  
Schoenoplectus triqueter  
Scorzonera parviflora  
Tripolium pannonicum  
Typha domingensis  
Typha laxmannii

##D +03 D11-Raised-bog

Andromeda polifolia  
Betula nana  
Calluna vulgaris

Carex limosa  
Carex pauciflora  
Chamaedaphne calyculata  
Drosera rotundifolia  
Empetrum nigrum aggr.  
Erica tetralix  
Eriophorum vaginatum  
Melampyrum pratense  
Pinus sylvestris  
Rhododendron tomentosum  
Rhynchospora alba  
Rubus chamaemorus  
Trichophorum cespitosum  
Vaccinium microcarpum  
Vaccinium oxycoccos  
Vaccinium uliginosum  
Vaccinium vitis-idaea

##D +03 D12-Blanket-bog

Carex limosa  
Carex panicea  
Drosera rotundifolia  
Erica tetralix  
Eriophorum angustifolium  
Eriophorum vaginatum  
Huperzia selago  
Juncus bulbosus  
Molinia caerulea aggr.  
Myrica gale  
Narthecium ossifragum  
Pedicularis sylvatica  
Pinguicula lusitanica  
Polygala serpyllifolia  
Potentilla erecta  
Rhynchospora alba  
Rubus chamaemorus  
Schoenus nigricans  
Trichophorum cespitosum  
Utricularia intermedia  
Utricularia minor  
Vaccinium uliginosum

##D +03 D21-Oceanic-valley-bog

Calluna vulgaris  
Drosera intermedia  
Drosera longifolia  
Drosera rotundifolia

*Erica tetralix*  
*Eriophorum angustifolium*  
*Hypericum elodes*  
*Menyanthes trifoliata*  
*Molinia caerulea* aggr.  
*Myrica gale*  
*Narthecium ossifragum*  
*Pinguicula lusitanica*  
*Potamogeton polygonifolius*  
*Rhynchospora alba*  
*Vaccinium oxycoccos*

##D +03 D22a-Poor-fen

*Betula nana*  
*Carex canescens*  
*Carex chordorrhiza*  
*Carex diandra*  
*Carex lasiocarpa*  
*Carex limosa*  
*Carex magellanica*  
*Carex rostrata*  
*Dactylorhiza maculata*  
*Drosera longifolia*  
*Drosera rotundifolia*  
*Epilobium palustre*  
*Eriophorum angustifolium*  
*Eriophorum scheuchzeri*  
*Juncus filiformis*  
*Pedicularis palustris*  
*Peucedanum palustre*  
*Potentilla erecta*  
*Trichophorum cespitosum*  
*Vaccinium oxycoccos*

##D +03 D22b-Relict-mire-of-Mediterranean-mountains

*Bellis bernardii*  
*Bellium nivale*  
*Carex echinata*  
*Carex nigra*  
*Carex pallescens*  
*Drosera rotundifolia*  
*Eleocharis quinqueflora*  
*Festuca frigida*  
*Gymnadenia frivaldii*  
*Juncus alpinoarticulatus*  
*Juncus requienii*  
*Narthecium scardicum*

Ochlopoa supina  
Pinguicula balcanica  
Pinguicula corsica  
Pinguicula nevadensis  
Polygala serpyllifolia  
Potentilla anglica  
Ranunculus cordiger  
Ranunculus pyrenaeus  
Scorzoneroides microcephala  
Silene asterias  
Soldanella pindicola  
Trichophorum cespitosum  
Veronica nevadensis  
Viola palustris  
Willemetia stipitata

##D +03 D22c-Intermediate-fen-and-soft-water-spring-mire

Agrostis canina  
Allium schoenoprasum  
Andromeda polifolia  
Betula nana  
Calamagrostis neglecta  
Carex canescens  
Carex diandra  
Carex dioica  
Carex lasiocarpa  
Carex magellanica  
Crepis paludosa  
Dactylorhiza incarnata  
Dactylorhiza maculata  
Dactylorhiza traunsteineri  
Drosera longifolia  
Drosera rotundifolia  
Epilobium alsinifolium  
Epilobium palustre  
Equisetum palustre  
Eriophorum angustifolium  
Eriophorum scheuchzeri  
Hammarbya paludosa  
Juncus filiformis  
Parnassia palustris  
Pedicularis palustris  
Potentilla erecta  
Rhynchospora fusca  
Swertia perennis  
Trichophorum alpinum  
Trichophorum cespitosum



Vaccinium oxycoccos  
Viola palustris

##D +03 D23a-Non-calcareous-quaking-mire

Andromeda polifolia  
Calla palustris  
Carex appropinquata  
Carex chordorrhiza  
Carex diandra  
Carex heleonastes  
Carex lasiocarpa  
Carex lepidocarpa  
Carex limosa  
Carex pauciflora  
Carex rostrata  
Carex vesicaria  
Cicuta virosa  
Comarum palustre  
Drosera intermedia  
Drosera longifolia  
Drosera rotundifolia  
Dryopteris cristata  
Equisetum fluviatile  
Eriophorum angustifolium  
Eriophorum gracile  
Eriophorum vaginatum  
Hammarbya paludosa  
Hydrocotyle vulgaris  
Menyanthes trifoliata  
Molinia caerulea aggr.  
Pedicularis palustris  
Phragmites australis  
Rhynchospora alba  
Rhynchospora fusca  
Rubus chamaemorus  
Scheuchzeria palustris  
Typha latifolia  
Utricularia intermedia  
Utricularia minor  
Utricularia vulgaris  
Vaccinium oxycoccos  
Vaccinium uliginosum  
Vaccinium vitis-idaea

##D +03 D31-Palsa-mire

Andromeda polifolia  
Betula nana

Carex diandra  
Carex lapponica  
Carex livida  
Carex magellanica  
Carex rariflora  
Carex rotundata  
Chamaedaphne calyculata  
Dactylorhiza maculata  
Drosera longifolia  
Drosera rotundifolia  
Empetrum nigrum aggr.  
Epilobium palustre  
Eriophorum vaginatum  
Huperzia selago  
Juncus stygius  
Pinguicula villosa  
Rhododendron tomentosum  
Rubus chamaemorus  
Salix lapponum  
Tofieldia pusilla  
Trichophorum alpinum  
Trichophorum cespitosum  
Vaccinium microcarpum  
Vaccinium myrtillus  
Vaccinium oxycoccos  
Vaccinium vitis-idaea

##D +03 D32-Aapa-mire

Agrostis canina  
Andromeda polifolia  
Betula nana  
Calamagrostis neglecta  
Carex aquatilis  
Carex buxbaumii  
Carex chordorrhiza  
Carex diandra  
Carex dioica  
Carex heleonastes  
Carex lasiocarpa  
Carex limosa  
Carex livida  
Carex magellanica  
Carex nigra  
Carex rostrata  
Carex rotundata  
Chamaedaphne calyculata  
Comarum palustre

Dactylorhiza incarnata  
Dactylorhiza maculata  
Drosera longifolia  
Drosera rotundifolia  
Empetrum nigrum aggr.  
Epilobium palustre  
Equisetum fluviatile  
Eriophorum angustifolium  
Eriophorum gracile  
Eriophorum russeolum  
Eriophorum vaginatum  
Huperzia selago  
Juncus stygius  
Menyanthes trifoliata  
Parnassia palustris  
Pedicularis palustris  
Pinguicula villosa  
Rubus chamaemorus  
Salix lapponum  
Salix myrtilloides  
Scheuchzeria palustris  
Selaginella selaginoides  
Stellaria palustris  
Tofieldia pusilla  
Trichophorum alpinum  
Trichophorum cespitosum  
Utricularia intermedia  
Utricularia minor  
Utricularia vulgaris  
Vaccinium oxycoccos

##D +03 D41a-Small-sedge-base-rich-fen-and-calcareous-spring-mire

Bartsia alpina  
Blysmus compressus  
Carex capillaris  
Carex capitata  
Carex davalliana  
Carex dioica  
Carex flava  
Carex hostiana  
Carex lepidocarpa  
Cirsium rivulare  
Crepis paludosa  
Cruciata glabra  
Dactylorhiza incarnata  
Dactylorhiza majalis  
Eleocharis quinqueflora

Epipactis palustris  
Eriophorum angustifolium  
Eriophorum latifolium  
Galium uliginosum  
Juncus alpinoarticulatus  
Menyanthes trifoliata  
Parnassia palustris  
Pinguicula vulgaris  
Primula elatior  
Primula farinosa  
Salix myrsinites  
Saussurea alpina  
Selaginella selaginoides  
Tofieldia calyculata  
Tofieldia pusilla  
Trichophorum alpinum  
Trichophorum cespitosum  
Triglochin palustris  
Valeriana dioica

##D +03 D41b-Tall-sedge-base-rich-fen

Carex davalliana  
Carex lasiocarpa  
Drosera longifolia  
Epipactis palustris  
Eriophorum angustifolium  
Eriophorum latifolium  
Eupatorium cannabinum  
Hydrocotyle vulgaris  
Juncus subnodulosus  
Lythrum salicaria  
Mentha aquatica  
Menyanthes trifoliata  
Molinia caerulea aggr.  
Parnassia palustris  
Phragmites australis  
Salix cinerea  
Salix repens  
Schoenus ferrugineus  
Schoenus nigricans

##D +03 D41c-Calcareous-quaking-mire

Carex buxbaumii  
Carex chordorrhiza  
Carex diandra  
Carex flava  
Carex heleonastes

Carex lasiocarpa  
Carex lepidocarpa  
Carex limosa  
Carex livida  
Carex viridula  
Comarum palustre  
Drosera intermedia  
Drosera longifolia  
Equisetum fluviatile  
Equisetum palustre  
Eriophorum angustifolium  
Eriophorum gracile  
Eriophorum latifolium  
Juncus biglumis  
Juncus stygius  
Juncus subnodulosus  
Juncus triglumis  
Liparis loeselii  
Menyanthes trifoliata  
Pedicularis palustris  
Phragmites australis  
Schoenus ferrugineus  
Trichophorum alpinum  
Triglochin maritima  
Triglochin palustris  
Utricularia intermedia  
Utricularia minor

##D +03 D42-Arctic-alpine-rich-fen

Blysmus compressus  
Carex aquatilis  
Carex atrofusca  
Carex bicolor  
Carex capillaris  
Carex capitata  
Carex davalliana  
Carex demissa  
Carex dioica  
Carex frigida  
Carex maritima  
Carex nigra  
Carex norvegica  
Carex panicea  
Carex parallela  
Carex saxatilis  
Carex vaginata  
Eleocharis quinqueflora

Equisetum variegatum  
Juncus alpinoarticulatus  
Juncus arcticus  
Juncus biglumis  
Juncus castaneus  
Juncus triglumis  
Kobresia simpliciuscula  
Pinguicula vulgaris  
Primula farinosa  
Primula nutans  
Primula scandinavica  
Primula stricta  
Tofieldia pusilla  
Trichophorum cespitosum  
Trichophorum pumilum  
Typha lugdunensis  
Typha minima  
Typha shuttleworthii

##D +03 R11-Pannonian-and-Pontic-sandy-steppe

Achillea micrantha  
Agropyron dasyanthum  
Alkanna tinctoria  
Allium guttatum  
Alyssum montanum  
Anchusa ochroleuca  
Androsace septentrionalis  
Asperula graveolens  
Astragalus arenarius  
Astragalus onobrychis  
Astragalus varius  
Bassia laniflora  
Carex colchica  
Centaurea arenaria aggr.  
Colchicum arenarium  
Corispermum nitidum  
Dianthus arenarius  
Dianthus borbasii  
Dianthus diutinus  
Dianthus platyodon  
Dianthus serotinus  
Echinops ritro  
Ephedra distachya  
Equisetum ramosissimum  
Erysimum canum  
Erysimum diffusum  
Erysimum montanum



Minuartia greuteriana  
Myosotis ramosissima  
Myosotis stricta  
Pilosella officinarum  
Poa bulbosa  
Poa glauca  
Poa perconcinna  
Polytrichum piliferum  
Potentilla argentea  
Potentilla tabernaemontani  
Racomitrium canescens  
Racomitrium elongatum  
Scleranthus perennis  
Sedum acre  
Sedum album  
Sedum anglicum  
Sedum annuum  
Sedum brevifolium  
Sedum rupestre  
Sedum sexangulare  
Sempervivum arachnoideum  
Sempervivum montanum  
Silene rupestris  
Syntrichia ruralis  
Thymus caespititius  
Trifolium arvense  
Trifolium dalmaticum  
Trifolium subterraneum  
Veronica dillenii  
Veronica verna  
Vulpia bromoides  
Xanthoparmelia conspersa

##D +03 R13-Cryptogam-and-annual-dominated-vegetation-on-  
calcareous-and-ultramafic-rock-outcrops

Abietinella abietina  
Aethionema saxatile  
Allium sphaerocephalon  
Alyssum alyssoides  
Alyssum montanum  
Androsace elongata  
Androsace septentrionalis  
Arabidopsis thaliana  
Arabis auriculata  
Arenaria leptoclados  
Arenaria serpyllifolia  
Artemisia rupestris



Asperula tenella  
Athalamia hyalina  
Barbula convoluta  
Bryum caespiticium  
Bryum elegans  
Cerastium brachypetalum  
Cerastium pumilum  
Cerastium semidecandrum  
Cladonia symphycarpa  
Clinopodium acinos  
Clinopodium suaveolens  
Crepis foliosa  
Didymodon fallax  
Didymodon ferrugineus  
Didymodon rigidulus  
Distichium capillaceum  
Draba verna aggr.  
Encalypta rhaptocarpa  
Encalypta streptocarpa  
Encalypta vulgaris  
Festuca oelandica  
Galium oelandicum  
Gypsophila fastigiata  
Holosteum umbellatum  
Homalothecium sericeum  
Hornungia petraea  
Jovibarba globifera  
Leptogium schraderi  
Linaria genistifolia  
Medicago minima  
Medicago monspeliaca  
Minuartia mesogitana  
Mycobilimbia lurida  
Noccaea ochroleuca  
Noccaea perfoliata  
Petrorhagia saxifraga  
Poa bulbosa  
Poa compressa  
Poa perconcinna  
Potentilla tabernaemontani  
Psora decipiens  
Saxifraga tridactylites  
Sedum acre  
Sedum album  
Sedum rupestre  
Sedum sediforme  
Sedum sexangulare

Silene uniflora  
Sisymbrium supinum  
Taraxacum sect. Erythrosperma  
Tortella inclinata  
Tortella rigens  
Tortella tortuosa  
Valeriana tuberosa  
Veronica praecox

##D +03 R14-Perennial-rocky-grassland-of-the-Italian-Peninsula

Alyssoides utriculata  
Alyssum diffusum  
Anthyllis vulneraria  
Armeria canescens  
Armeria denticulata  
Artemisia alba  
Asperula aristata  
Asperula purpurea  
Asphodeline lutea  
Brachypodium genuense  
Carex macrolepis  
Centaurea ambigua  
Centaurea aplolepa  
Centaurea rupestris aggr.  
Cephalaria leucantha  
Crepis lacera  
Cyanus triumfettii  
Cytisus spinescens  
Dianthus ciliatus  
Dianthus garganicus  
Eryngium amethystinum  
Erysimum pseudorhaeticum  
Euphorbia spinosa  
Festuca circummediterranea  
Festuca inops  
Festuca robustifolia  
Genista januensis  
Globularia meridionalis  
Helictochloa versicolor  
Hippocrepis glauca  
Hyssopus officinalis  
Inula montana  
Iris pseudopumila  
Jurinea mollis  
Knautia purpurea  
Koeleria lobata  
Koeleria splendens

Linum tommasinii  
Melica transsilvanica  
Minuartia laricifolia subsp. ophiolitica  
Odontarrhena bertolonii  
Phleum ambiguum  
Pimpinella saxifraga  
Plantago holosteum  
Potentilla rigoana  
Ruta graveolens  
Salvia officinalis  
Scorzonera villosa  
Scorzoneroides cichoriacea  
Sesleria nitida  
Silene otites aggr.  
Stipa dasyvaginata  
Stipa etrusca  
Thymus longicaulis  
Thymus striatus  
Trinia glauca  
Valeriana tuberosa

##D +03 R15-Continental-dry-rocky-steppic-grassland-and-dwarf-  
scrub-on-chalk-outcrops

Allium sphaeropodum  
Artemisia hololeuca  
Artemisia nutans  
Artemisia salsoloides  
Asperula tephrocarpa  
Astragalus albicaulis  
Brassica elongata subsp. pinnatifida  
Diplotaxis cretacea  
Euphorbia petrophila  
Gypsophila altissima  
Jurinea arachnoidea  
Koeleria talievii  
Linum ucranicum  
Onosma simplicissima  
Polygala cretacea  
Rhaponticoides ruthenica  
Scrophularia cretacea  
Silene cretacea  
Silene supina  
Thymus calcareus

##D +03 R16-Perennial-rocky-grassland-of-Central-and-South-  
Eastern-Europe

Allium flavum

Anthericum ramosum  
Anthyllis vulneraria  
Asperula cynanchica  
Bromopsis pannonica  
Campanula sibirica  
Carex humilis  
Centaurea stoebe  
Erysimum odoratum  
Euphorbia cyparissias  
Festuca csikhegyensis  
Festuca pallens  
Galium austriacum  
Globularia cordifolia  
Helianthemum nummularium  
Helictotrichon decorum  
Inula ensifolia  
Jovibarba globifera  
Melica ciliata  
Minuartia setacea  
Potentilla cinerea  
Sanguisorba minor  
Scabiosa ochroleuca  
Sedum album  
Seseli leucospermum  
Seseli osseum  
Sesleria rigida  
Stachys recta  
Teucrium chamaedrys  
Teucrium montanum  
Thymus comosus  
Thymus praecox  
Vincetoxicum hirundinaria

##D +03 R17-Heavy-metal-dry-grassland-of-the-Balkans

Achillea pseudopectinata  
Armeria canescens  
Asplenium adiantum-nigrum subsp. serpentini  
Bromopsis riparia  
Centaurea grisebachii subsp. occidentalis  
Centaurea kosaninii  
Dianthus giganteus  
Drymocallis rupestris  
Erysimum linariifolium  
Euphorbia glabriflora  
Euphorbia montenegrina  
Fumana bonapartei  
Gypsophila spergulifolia

Halacsya sendtneri  
Haplophyllum boissierianum  
Minuartia verna  
Noccaea kovatsii  
Odontarrhena heldreichii  
Odontarrhena markgrafii  
Paragymnopteris marantae  
Pistorinia hispanica  
Plantago holosteum  
Plantago subulata  
Polygonum albanicum  
Potentilla astracanica  
Potentilla visianii  
Scabiosa leucophylla  
Scleranthus perennis  
Scrophularia canina  
Sedum hispanicum  
Sedum ochroleucum  
Sedum serpentini  
Sesleria latifolia  
Silene armeria  
Silene bupleuroides subsp. staticifolia  
Stachys recta subsp. baldaccii  
Stachys scardica  
Verbascum glabratum

##D +03 R18-Perennial-rocky-calcareous-grassland-of-subatlantic-  
submediterranean-Europe

Anthyllis vulneraria  
Aphyllanthes monspeliensis  
Asperula cynanchica  
Bromopsis erecta  
Carex halleriana  
Carex humilis  
Coronilla minima  
Fumana procumbens  
Genista scorpius  
Globularia bisnagarica  
Globularia repens  
Helianthemum apenninum  
Helianthemum canum  
Helictochloa bromoides  
Helictochloa pratensis  
Helichrysum stoechas  
Hippocrepis comosa  
Koeleria vallesiana  
Lavandula angustifolia

Lavandula latifolia  
Linum suffruticosum aggr.  
Ononis striata  
Potentilla tabernaemontani  
Sedum sediforme  
Seseli montanum  
Sesleria coerulans  
Teucrium chamaedrys  
Teucrium montanum  
Thymus vulgaris

##D +03 R19-Dry-steppic-submediterranean-pasture-of-the-Amphi-  
Adriatic-region

Anthyllis vulneraria  
Bromopsis erecta  
Carex humilis  
Carlina corymbosa  
Centaurea cristata  
Centaurea rupestris aggr.  
Centaurea subtilis  
Dianthus sylvestris  
Edraianthus tenuifolius  
Eryngium amethystinum  
Euphorbia spinosa  
Festuca valesiaca  
Fumana procumbens  
Galium corrudifolium  
Genista sericea  
Genista sylvestris  
Globularia cordifolia  
Inula verbascifolia  
Koeleria splendens  
Leontodon apulus  
Medicago prostrata  
Plantago holosteum  
Polygala nicaeensis aggr.  
Sanguisorba minor  
Satureja montana  
Satureja subspicata  
Scorzonera villosa  
Sesleria juncifolia  
Stipa austroitalica  
Teucrium chamaedrys  
Teucrium montanum

##D +03 R1A-Semi-dry-perennial-calcareous-grassland  
Adonis vernalis

Agrimonia eupatoria  
Anacamptis pyramidalis  
Anthericum ramosum  
Arabis hirsuta  
Asperula cynanchica  
Astragalus austriacus  
Astragalus onobrychis  
Avenula pubescens  
Brachypodium phoenicoides  
Brachypodium pinnatum  
Brachypodium rupestre  
Briza media  
Bromopsis erecta  
Campanula bononiensis  
Campanula glomerata  
Carex caryophyllea  
Carex flacca  
Carex michelii  
Carex montana  
Carlina acaulis  
Carlina biebersteinii  
Carlina vulgaris  
Centaurea scabiosa  
Chrysopogon gryllus  
Cirsium acaulon  
Cirsium pannonicum  
Clematis integrifolia  
Cruciata glabra  
Cytisus austriacus  
Danthonia alpina  
Dianthus carthusianorum  
Euphorbia cyparissias  
Euphrasia nemorosa  
Festuca stricta subsp. sulcata  
Filipendula vulgaris  
Fragaria viridis  
Galium pumilum  
Galium verum  
Gentiana cruciata  
Gentianella amarella  
Gentianella ciliata  
Gentianella germanica  
Gymnadenia conopsea  
Gypsophila paniculata  
Helictochloa pratensis  
Helictotrichon desertorum  
Hippocrepis comosa

Homalothecium lutescens  
Hypochaeris maculata  
Jacobaea erucifolia  
Jacobaea vulgaris  
Knaulia illyrica  
Koeleria pyramidata  
Leontodon hispidus  
Linum catharticum  
Linum hirsutum  
Neotinea ustulata  
Onobrychis arenaria  
Onobrychis montana  
Onobrychis viciifolia  
Ononis spinosa  
Ophrys apifera  
Ophrys holosericea  
Ophrys insectifera  
Ophrys sphegodes  
Orchis anthropophora  
Orchis mascula  
Orchis militaris  
Orchis purpurea  
Origanum vulgare  
Peucedanum arenarium  
Peucedanum cervaria  
Pimpinella nigra  
Pimpinella saxifraga  
Plantago media  
Poa pratensis aggr.  
Polygala amarella  
Polygala comosa  
Polygala major  
Potentilla heptaphylla  
Primula veris  
Prunella grandiflora  
Prunella laciniata  
Ranunculus bulbosus  
Ranunculus polyanthemus  
Salvia nemorosa  
Salvia pratensis  
Salvia verticillata  
Sanguisorba minor  
Scabiosa canescens  
Scabiosa columbaria  
Scabiosa ochroleuca  
Scorzonera villosa  
Securigera varia



Seseli annuum  
Teucrium chamaedrys  
Thalictrum minus  
Thesium linophyllon  
Thuidium philiberti  
Thymus praecox  
Tragopogon pratensis  
Trifolium montanum  
Trifolium ochroleucon  
Veronica austriaca  
Veronica prostrata  
Vincetoxicum hirundinaria  
Viola hirta

##D +03 R1B-Continental-dry-grassland-true-steppe

Agropyron cristatum  
Allium flavum  
Artemisia austriaca  
Artemisia pontica  
Astragalus austriacus  
Astragalus dasyanthus  
Astragalus exscapus  
Astragalus onobrychis  
Astragalus subuliformis  
Bassia prostrata  
Bothriochloa ischaemum  
Bromopsis riparia  
Campanula sibirica  
Carex humilis  
Carex stenophylla  
Carex supina  
Centaurea stoebe  
Cephalaria uralensis  
Cleistogenes serotina  
Crambe tataria  
Cytisus austriacus  
Dianthus pontederiae  
Dracocephalum austriacum  
Elytrigia intermedia  
Ephedra distachya  
Eryngium campestre  
Erysimum diffusum  
Festuca valesiaca  
Galatella villosa  
Galium octonarium  
Galium ruthenicum  
Goniolimon besseranum

Goniolimon collinum  
Goniolimon tataricum  
Helictotrichon desertorum  
Hypericum elegans  
Inula ensifolia  
Inula oculus-christi  
Iris pumila  
Jurinea arachnoidea  
Jurinea mollis  
Jurinea stoechadifolia  
Koeleria brevis  
Koeleria macrantha  
Linum austriacum  
Linum hirsutum  
Marrubium peregrinum  
Nepeta ucranica  
Nonea pulla  
Oxytropis pilosa  
Paeonia tenuifolia  
Phlomis herba-venti  
Phlomis tuberosa  
Poa pratensis aggr.  
Pontechium maculatum  
Potentilla argentea  
Potentilla incana  
Ranunculus illyricus  
Salvia aethiopis  
Salvia austriaca  
Salvia nemorosa  
Salvia nutans  
Scorzonera austriaca  
Seseli tortuosum  
Stipa anomala  
Stipa capillata  
Stipa dasyphylla  
Stipa korshinskyi  
Stipa lessingiana  
Stipa pennata  
Stipa pulcherrima  
Stipa ucrainica  
Stipa zalesskii  
Taraxacum serotinum  
Teucrium chamaedrys  
Thymus pannonicus aggr.  
Verbascum phoeniceum  
Veronica austriaca  
Veronica prostrata

##D +03 R1C-Desert-steppe

Agropyron cristatum  
Alyssum turkestanicum  
Artemisia austriaca  
Artemisia lerchiana  
Artemisia taurica  
Astragalus macropus  
Bassia prostrata  
Ephedra distachya  
Eremogone koriniana  
Ferula caspica  
Ferula orientalis  
Ferula tatarica  
Galatella tatarica  
Galatella villosa  
Jurinea multiflora  
Leymus ramosus  
Meniocus linifolius  
Odontarrhena tortuosa  
Psathyrostachys juncea  
Stipa lessingiana  
Stipa sareptana  
Tanacetum achilleifolium  
Tulipa biebersteiniana  
Xeranthemum annuum

##D +03 R1D-Mediterranean-closely-grazed-dry-grassland

Achillea coarctata  
Allium guttatum  
Alyssum turkestanicum  
Ammoides pusilla  
Anthemis arvensis  
Arenaria pomelii  
Astragalus cymbicarpos  
Astragalus echinatus  
Astragalus incanus  
Astragalus macrorrhizus  
Astragalus pelecinus  
Astragalus scorpioides  
Astragalus sesameus  
Astragalus stella  
Barbarea bracteosa  
Bellis annua  
Biscutella baetica  
Biscutella lyrata  
Carex caryophyllea

Clinopodium alpinum  
Colchicum filifolium  
Convolvulus lineatus  
Crepis zacintha  
Daucus muricatus  
Erodium botrys  
Erodium cicutarium  
Erodium laciniatum  
Festuca trichophylla  
Galium murale  
Hedypnois cretica  
Hedysarum humile  
Hypochaeris cretensis  
Lagurus ovatus  
Linaria simplex  
Lotus angustissimus  
Lupinus micranthus  
Medicago intertexta  
Moenchia erecta  
Molineriella minuta  
Moraea sisyrinchium  
Myosotis ramosissima  
Ophrys sphegodes  
Ornithogalum collinum  
Otospermum glabrum  
Parentucellia latifolia  
Paronychia argentea  
Paronychia echinulata  
Plantago albicans  
Plantago coronopus aggr.  
Plantago lagopus  
Plantago loeflingii  
Plantago serraria  
Poa bulbosa  
Potentilla calabra  
Ranunculus bullatus  
Ranunculus paludosus  
Ranunculus pseudomillefoliatus  
Romulea bulbocodium  
Romulea linaresii  
Romulea ramiflora  
Scorpiurus vermiculatus  
Scorzonera villosa  
Taraxacum obovatum  
Teucrium polium aggr.  
Thymus spinulosus  
Trifolium bionae

Trifolium bocconeii  
Trifolium cherleri  
Trifolium gemellum  
Trifolium glomeratum  
Trifolium micranthum  
Trifolium nigrescens  
Trifolium scabrum  
Trifolium subterraneum  
Trifolium suffocatum  
Trifolium tomentosum  
Trigonella gladiata  
Urospermum picroides  
Vicia lutea  
Vulpia sicula

##D +03 R1E-Mediterranean-tall-perennial-dry-grassland

Allium baeticum  
Allium chamaemoly  
Allium melananthum  
Allium moschatum  
Allium pallens  
Allium sphaerocephalon  
Allium subvillosum  
Ampelodesmos mauritanicus  
Anacamptis papilionacea  
Andropogon distachyos  
Andryala integrifolia  
Andryala laxiflora  
Anthyllis cytisoides  
Arenaria valentina  
Arenaria x decipiens  
Aristida adscensionis  
Armeria arenaria  
Armeria castroviejoi  
Arrhenatherum album  
Asparagus horridus  
Asphodeline lutea  
Asphodelus ayardii  
Asphodelus cerasiferus  
Asphodelus macrocarpus  
Asphodelus ramosus  
Atractylis humilis  
Bellis sylvestris  
Biarum dispar  
Bituminaria bituminosa  
Brachypodium boissieri  
Brachypodium retusum

Camphorosma monspeliaca  
Carex flacca  
Carlina corymbosa  
Carlina graeca  
Cenchrus setaceus  
Centaurea pulvinata  
Cistus clusii  
Drimia maritima  
Colchicum triphyllum  
Convolvulus althaeoides  
Dactylis glomerata  
Daucus carota  
Daucus crinitus  
Daucus setifolius  
Dipcadi serotinum  
Distichoselinum tenuifolium  
Drimia maritima  
Drimia undata  
Eryngium dichotomum  
Eryngium dilatatum  
Eryngium triquetrum  
Ferula loscosii  
Festuca caeruleascens  
Festuca capillifolia  
Festuca scariosa  
Fumana ericoides  
Fumana thymifolia  
Gladiolus italicus  
Helianthemum cinereum  
Helictochloa bromoides  
Helictochloa gervaisii  
Helictotrichon filifolium  
Heteropogon contortus  
Hyparrhenia hirta  
Hyparrhenia sinaica  
Lapiedra martinezii  
Lathyrus clymenum  
Lavandula multifida  
Leontodon tuberosus  
Leucojum valentinum  
Linum narbonense  
Linum strictum aggr.  
Lobularia maritima  
Lotus ornithopodioides  
Lygeum spartum  
Macrochloa tenacissima  
Micromeria graeca

Moricandia arvensis  
Narcissus dubius  
Ophrys bombyliflora  
Ophrys lutea  
Ophrys omegaifera subsp. dyris  
Ophrys speculum  
Ophrys tenthredinifera  
Ornithogalum narbonense  
Pallenis spinosa  
Phagnalon rupestre  
Phagnalon saxatile  
Phlomis lychnitis  
Ranunculus bullatus  
Ranunculus paludosus subsp. flabellatus  
Reichardia picroides  
Rhaponticum coniferum  
Ruta angustifolia  
Salvia verbenaca  
Scorzonera cretica  
Sedum sediforme  
Stipa apertifolia  
Stipa barbata  
Stipa capillata  
Stipa cazorlensis  
Stipa clausa  
Stipa iberica  
Stipa juncea  
Stipa lagascae  
Stipa offneri  
Stipa parviflora  
Teucrium pseudochamaepitys  
Thapsia villosa  
Thymus orospedanus  
Thymus vulgaris  
Thymus zygis  
Trisetum velutinum  
Vella pseudocytisus

##D +03 R1F-Mediterranean-annual-rich-dry-grassland

Aegilops geniculata  
Aizoanthemopsis hispanica  
Allium pentadactyli  
Alyssum alyssoides  
Alyssum granatense  
Alyssum simplex  
Ammoides pusilla  
Anacamptis coriophora

Androsace elongata  
Anisantha fasciculata  
Arabis auriculata  
Arenaria arundana  
Arenaria capillipes  
Arenaria conimbricensis  
Arenaria leptoclados  
Arenaria modesta  
Arenaria obtusiflora  
Arenaria pomelii  
Arenaria retusa  
Asteriscus aquaticus  
Asterolinon linum-stellatum  
Atractylis cancellata  
Avena barbata  
Bombycilaena erecta  
Buglossoides incrassata  
Bupleurum baldense  
Bupleurum gerardi  
Bupleurum gracile  
Bupleurum semicompositum  
Callipeltis cucullaria  
Campanula dichotoma  
Campanula erinus  
Catananche lutea  
Catapodium rigidum  
Cerastium pumilum  
Chaenorhinum grandiflorum  
Chaenorhinum macropodium  
Chaenorhinum rubrifolium  
Clypeola jonthlaspi  
Coronilla scorpioides  
Crepis neglecta  
Crucianella angustifolia  
Ctenopsis gypsophila  
Daucus durieua  
Dianthus humilis  
Echinaria capitata  
Erodium recoderi  
Eryngium grosii  
Erysimum incanum  
Euphorbia exigua  
Euphorbia falcata  
Euphorbia sulcata  
Filago eriocephala  
Filago pyramidata  
Galium parisiense



Gastridium ventricosum  
Hedysarum spinosissimum  
Helianthemum angustatum  
Helianthemum salicifolium  
Hippocrepis biflora  
Hippocrepis ciliata  
Hornungia petraea  
Hypericum perforatum  
Hypochaeris achyrophorus  
Iberis fontqueri  
Jasione montana  
Jasione penicillata  
Lactuca viminea  
Lathyrus sphaericus  
Limonium echioides  
Linaria huteri  
Linaria micrantha  
Linaria oblongifolia  
Linaria platycalyx  
Linaria salzmannii  
Linaria saturejoides  
Linaria simplex  
Linum strictum aggr.  
Lomelosia stellata  
Lotus ornithopodioides  
Medicago littoralis  
Medicago minima  
Medicago rigidula  
Melilotus neapolitana  
Micropus supinus  
Microrrhinum minus  
Minuartia hamata  
Minuartia hybrida aggr.  
Minuartia mediterranea  
Minuartia montana  
Moraea sisyrinchium  
Neatostema apulum  
Nepeta hispanica  
Odontites longiflora  
Odontites purpurea  
Odontites viscosus  
Omphalodes commutata  
Omphalodes linifolia  
Onobrychis caput-galli  
Ononis ornithopodioides  
Ononis pendula  
Ononis pubescens

Ononis reclinata  
Ononis viscosa  
Orlaya grandiflora  
Parapholis strigosa  
Petrorhagia saxifraga  
Pistorinia breviflora  
Plantago albicans  
Plantago amplexicaulis  
Plantago bellardi  
Platycapnos tenuiloba subsp. parallela  
Polygala monspeliaca  
Ptilostemon stellatus  
Romulea columnae  
Salvia verbenaca  
Scorpiurus muricatus  
Sherardia arvensis  
Sideritis romana  
Silene almolae  
Silene germana  
Silene inaperta  
Silene psammitis  
Stipa capensis  
Thymelaea passerina  
Trachynia distachya  
Trifolium cherleri  
Trifolium stellatum  
Trisetaria loeflingiana  
Trisetaria scabriuscula  
Valerianella eriocarpa  
Valerianella multidentata  
Valerianella ramosa  
Velezia rigida  
Vulpia ciliata  
Vulpia ligustica  
Vulpia unilateralis  
Wangenheimia lima  
Xeranthemum annuum

##D +03 R1G-Iberian-oromediterranean-siliceous-dry-grassland

Agrostis tileni  
Androsace rioxana  
Armeria caespitosa  
Armeria duriaei  
Artemisia granatensis  
Dianthus langeanus  
Erigeron frigidus  
Eryngium glaciale

*Festuca clementei*  
*Festuca indigesta*  
*Festuca pseudeskia*  
*Herniaria boissieri*  
*Hormathophylla purpurea*  
*Jasione crispa*  
*Leucanthemopsis flaveola*  
*Luzula caespitosa*  
*Luzula spicata* subsp. *nevadensis*  
*Pilosella vahlII*  
*Potentilla nevadensis*  
*Sideritis glacialis*  
*Silene ciliata*  
*Teesdalia conferta*  
*Trisetum glaciale*

##D +03 R1H-Iberian-oromediterranean-basiphilous-dry-grassland

*Allium moly*  
*Anthyllis vulneraria*  
*Arenaria aggregata*  
*Artemisia pedemontana*  
*Asperula pyrenaica*  
*Asphodelus albus*  
*Astragalus cavanillesii*  
*Astragalus incanus*  
*Astragalus tremolsianus*  
*Brimeura amethystina*  
*Carex brevicollis*  
*Carlina acanthifolia*  
*Centaurea podospermifolia*  
*Crepis albida*  
*Cytisus ardoinii*  
*Dichoropetalum schottii*  
*Draba hispanica*  
*Erodium cazorlanum*  
*Erodium daucoides*  
*Erodium glandulosum*  
*Eryngium bourgatii*  
*Erysimum humile*  
*Erysimum seipkae*  
*Euphorbia duvalii*  
*Festuca altopyrenaica*  
*Festuca burnatii*  
*Festuca hystrix*  
*Festuca liviensis*  
*Festuca marginata* subsp. *andres-molinae*  
*Festuca nevadensis*

Festuca ochroleuca  
Fritillaria pyrenaica  
Genista lobelii  
Genista pilosa  
Genista pulchella  
Helianthemum nummularium  
Helictotrichon sedenense subsp. gervaisii  
Helictotrichon sempervirens  
Hieracium cerinthoides  
Iberis saxatilis  
Koeleria vallesiana subsp. abbreviata  
Laserpitium nestleri subsp. lainzii  
Leontodon crispus  
Leucanthemum burnatii  
Leucanthemum graminifolium  
Linaria aeruginea  
Linum milletii  
Linum viscosum  
Lomelosia graminifolia  
Minuartia villarii  
Narcissus assoanus  
Onobrychis pyrenaica  
Ononis cristata  
Ononis striata  
Onosma fastigiata  
Ornithogalum collinum  
Pimpinella tragium  
Plantago argentea  
Plantago monosperma  
Saponaria caespitosa  
Saxifraga conifera  
Sempervivum calcareum  
Senecio doronicum  
Senecio lagascanus  
Senecio provincialis  
Seseli montanum  
Sesleria caerulea  
Sideritis glacialis  
Sideritis hyssopifolia  
Taraxacum aragonicum  
Teucrium luteum  
Thesium catalaunicum  
Thymelaea tinctoria  
Thymus godayanus  
Thymus mastigophorus  
Thymus willkommii  
Veronica tenuifolia

##D +03 R1J-Cyrno-Sardean-oromediterranean-siliceous-dry-grassland

*Armeria multiceps*  
*Armeria sardoa*  
*Cerastium soleirolii*  
*Festuca morisiana*  
*Genista lobelii*  
*Hieracium lactucella* subsp. *nana*  
*Pilosella soleiroliana*  
*Poa balbisii*  
*Sagina pilifera*  
*Scleranthus perennis* subsp. *burnatii*  
*Trisetum conradiae*

##D +03 R1K-Balkan-and-Anatolian-oromediterranean-dry-grassland

*Alopecurus gerardi*  
*Beta nana*  
*Corydalis blanda* subsp. *parnassica*  
*Corydalis densiflora*  
*Erigeron epiroticus*  
*Gnaphalium supinum*  
*Herniaria parnassica*  
*Lotus corniculatus*  
*Luzula pindica*  
*Phleum alpinum* aggr.  
*Plantago atrata*  
*Plantago holosteum*  
*Plantago lanceolata*  
*Poa pumila*  
*Ranunculus sartorianus*  
*Rorippa thracica*  
*Scilla nivalis*  
*Scleranthus perennis*  
*Thesium parnassi*  
*Trifolium alpestre*  
*Trifolium heldreichianum*  
*Trifolium noricum*  
*Trifolium pallescens*  
*Trifolium parnassii*  
*Trinia guicciardii*

##D +03 R1L-Madeiran-oromediterranean-siliceous-dry-grassland

*Andryala glandulosa*  
*Anthoxanthum maderense*  
*Anthyllis lemmaniana*  
*Argyranthemum pinnatifidum* subsp. *montanum*  
*Armeria maderensis*

*Crepis vesicaria* subsp. *andryaloides*  
*Deschampsia maderensis*  
*Festuca jubata*  
*Micromeria varia* subsp. *thymoides*  
*Odontites holliana*  
*Orchis mascula* subsp. *scopulorum*  
*Parafestuca albida*  
*Rumex bucephalophorus* subsp. *canariensis*  
*Saxifraga maderensis*  
*Sinapidendron frutescens*  
*Teucrium francoi*  
*Vicia capreolata*  
*Viola paradoxa*

##D +03 R1M-Lowland-to-submontane-dry-to-mesic-grassland-usually-

*Nardus*  
*Ajuga tenorei*  
*Antennaria dioica*  
*Arnica montana*  
*Campanula herminii*  
*Campanula serrata*  
*Carex ericetorum*  
*Carex leporina*  
*Carex pilulifera*  
*Danthonia decumbens*  
*Dianthus deltoides*  
*Festuca filiformis*  
*Galium saxatile*  
*Gentiana pannonica*  
*Gentiana pneumonanthe*  
*Gnaphalium sylvaticum*  
*Hypericum maculatum*  
*Juncus squarrosus*  
*Lathyrus linifolius*  
*Luzula sudetica*  
*Meum athamanticum*  
*Nardus stricta*  
*Pedicularis sylvatica*  
*Pilosella aurantiaca*  
*Pilosella lactucella*  
*Platanthera bifolia*  
*Polygala serpyllifolia*  
*Polygala vulgaris*  
*Potentilla aurea*  
*Potentilla erecta*  
*Ranunculus pollinensis*  
*Scorzoneroides helvetica*

*Veronica officinalis*  
*Viola canina*

##D +03 R1N-Open-Iberian-supramediterranean-dry-acid-and-neutral-  
grassland

*Arenaria armerina*  
*Armeria arenaria*  
*Armeria caballeroi*  
*Armeria ciliata*  
*Armeria eriophylla*  
*Armeria langei*  
*Armeria merinoi*  
*Armeria trachyphylla*  
*Armeria transmontana*  
*Bufonia macropetala*  
*Centaurea borjae*  
*Centaurea toletana*  
*Dianthus laricifolius*  
*Erodium foetidum*  
*Erysimum nevadense* aggr.  
*Festuca brigantina*  
*Festuca gredensis*  
*Festuca longiauriculata*  
*Festuca rivas-martinezii*  
*Festuca summilusitana*  
*Helianthemum masguindalii*  
*Herniaria scabrida*  
*Leucanthemopsis pallida*  
*Leucanthemopsis pulverulenta*  
*Linaria aeruginea*  
*Ornithogalum concinnum*  
*Ortegia hispanica*  
*Pilosella castellana*  
*Reseda virgata*  
*Sagina merinoi*  
*Silene legionensis*  
*Thymus bracteatus*  
*Thymus leptophyllus* subsp. *izcoi*

##D +03 R1P-Oceanic-to-subcontinental-inland-sand-grassland-on-  
dry-acid-and-neutral-soils

*Agrostis castellana*  
*Agrostis vinealis*  
*Aira caryophyllea*  
*Aira praecox*  
*Arenaria serpyllifolia*  
*Armeria maritima*

Armeria rumelica  
Carex arenaria  
Carex colchica  
Cerastium arvense  
Cerastium semidecandrum  
Ceratodon purpureus  
Cetraria aculeata  
Dianthus armeria  
Dianthus carthusianorum  
Dianthus deltoides  
Draba verna aggr.  
Erysimum diffusum  
Festuca filiformis  
Festuca stricta subsp. trachyphylla  
Filago arvensis  
Filago minima  
Helichrysum arenarium  
Herniaria glabra  
Hypochaeris radicata  
Jasione heldreichii  
Jasione montana  
Leontodon saxatilis  
Micropyrum tenellum  
Myosotis ramosissima  
Myosotis stricta  
Ornithopus perpusillus  
Phelipanche arenaria  
Phelipanche purpurea  
Pilosella officinarum  
Potentilla argentea  
Rumex thyrsiflorus  
Saxifraga bulbifera  
Sedum acre  
Sedum sexangulare  
Silene otites aggr.  
Syntrichia ruralis  
Taraxacum sect. Erythrosperma  
Thymus serpyllum  
Trifolium arvense  
Trifolium campestre  
Veronica dillenii  
Veronica verna  
Vicia lathyroides  
Viola tricolor aggr.  
Vulpia bromoides  
Vulpia myuros



##D +03 R1Q-Inland-sanddrift-and-dune-with-siliceous-grassland

*Agrostis vinealis*  
*Aira caryophyllea*  
*Aira praecox*  
*Campylopus introflexus*  
*Carex arenaria*  
*Ceratodon purpureus*  
*Cetraria aculeata*  
*Cladonia cervicornis*  
*Cladonia foliacea*  
*Cladonia zopfii*  
*Corynephorus canescens*  
*Filago minima*  
*Jasione montana*  
*Ornithopus perpusillus*  
*Spergula morisonii*  
*Stereocaulon condensatum*  
*Teesdalia nudicaulis*  
*Thymus serpyllum*  
*Vulpia myuros*

##D +03 R1R-Mediterranean-to-Atlantic-open-dry-acid-and-neutral-grassland

*Aira caryophyllea*  
*Aira cupaniana*  
*Aira elegantissima*  
*Aira tenorii*  
*Aiopsis tenella*  
*Andryala integrifolia*  
*Anthoxanthum aristatum*  
*Anthyllis cornicina*  
*Anthyllis lemmanniana*  
*Anthyllis lotoides*  
*Apera interrupta*  
*Aphanes cornucopioides*  
*Arabis nova*  
*Asterolinon linum-stellatum*  
*Astragalus pelecinus*  
*Briza maxima*  
*Briza minor*  
*Campanula lusitanica*  
*Cerastium gracile*  
*Chamaemelum fuscum*  
*Coronilla dura*  
*Corynephorus divaricatus*  
*Crassula tillaea*  
*Crucianella angustifolia*

Ctenopsis delicatula  
Eryngium tenue  
Filago carpetana  
Filago gallica  
Filago lutescens  
Filago minima  
Filago pygmaea  
Galium divaricatum  
Gaudinia coarctata  
Gnaphalium teydeum  
Helianthemum aegypticum  
Helianthemum sanguineum  
Hispidella hispanica  
Holcus annuus  
Holcus gayanus  
Hypochaeris glabra  
Jacobaea minuta  
Lathyrus angulatus  
Lathyrus inconspicuus  
Lathyrus sphaericus  
Leontodon saxatilis  
Linaria elegans  
Linaria intricata  
Linaria pelisseriana  
Linaria saxatilis  
Linum trigynum  
Lotus conimbricensis  
Micropyrum patens  
Micropyrum tenellum  
Moenchia erecta  
Molineriella australis  
Molineriella laevis  
Molineriella minuta  
Myosotis incrassata  
Myosotis stricta  
Onobrychis caput-galli  
Ononis cintrana  
Ornithopus compressus  
Ornithopus perpusillus  
Ornithopus pinnatus  
Paronychia cymosa  
Paronychia echinulata  
Periballia involucrata  
Petrorhagia prolifera  
Plantago bellardii  
Psilurus incurvus  
Pterocephalidium diandrum

Rostraria azorica  
Rumex bucephalophorus  
Scleranthus delortii  
Sedum andegavense  
Sedum arenarium  
Sedum caespitosum  
Sedum pedicellatum  
Silene mariana  
Silene portensis  
Silene psammitis  
Silene scabriflora  
Teesdalia coronopifolia  
Teesdalia nudicaulis  
Thymus caespititius  
Tolpis barbata  
Tolpis umbellata  
Trifolium bocconeii  
Trifolium cherleri  
Trifolium phleoides  
Trifolium stellatum  
Trifolium striatum  
Trifolium strictum  
Trifolium sylvaticum  
Trisetaria ovata  
Tuberaria guttata  
Viola parvula  
Vulpia bromoides  
Vulpia ciliata  
Vulpia muralis  
Vulpia myuros  
Vulpia unilateralis

##D +03 R1T-Azorean-open-dry-acid-to-neutral-grassland

Agrostis congestiflora  
Agrostis congestiflora subsp. congestiflora  
Agrostis congestiflora subsp. oreophila  
Agrostis gracililaxa  
Brachypodium gaditanum  
Carex hochstetteriana  
Carex peregrina  
Carex vulcani  
Centaurium scilloides  
Deschampsia foliosa  
Euphorbia azorica  
Euphrasia azorica  
Euphrasia grandiflora  
Festuca francoi

*Festuca petraea*  
*Holcus rigidus*  
*Leontodon filii*  
*Leontodon rigens*  
*Luzula purpureosplendens*  
*Lysimachia azorica*  
*Myosotis azorica*  
*Scabiosa nitens*  
*Tolpis azorica*  
*Veronica dabneyi*

##D +03 R21-Mesic-permanent-pasture-of-lowlands-and-mountains

*Achillea millefolium* aggr.  
*Agrostis capillaris*  
*Agrostis castellana*  
*Agrostis stolonifera*  
*Alopecurus geniculatus*  
*Anacamptis coriophora*  
*Anthoxanthum odoratum* aggr.  
*Bellis perennis*  
*Carum carvi*  
*Carum verticillatum*  
*Cerastium fontanum* subsp. *vulgare*  
*Chamaemelum nobile*  
*Crepis aurea*  
*Crepis capillaris*  
*Cynosurus cristatus*  
*Euphrasia rostkoviana*  
*Festuca rubra*  
*Gaudinia fragilis*  
*Hordeum bulbosum*  
*Hordeum secalinum*  
*Hypochaeris radicata*  
*Leontodon hispidus*  
*Lolium perenne*  
*Lotus corniculatus*  
*Phleum alpinum* aggr.  
*Phleum pratense*  
*Plantago alpina*  
*Plantago lanceolata*  
*Plantago major*  
*Poa alpina*  
*Poa pratensis* aggr.  
*Poa trivialis*  
*Prunella vulgaris*  
*Ranunculus bulbosus*  
*Ranunculus repens*

Schedonorus pratensis  
Scorzoneroides autumnalis  
Taraxacum sect. Taraxacum  
Trifolium badium  
Trifolium campestre  
Trifolium dubium  
Trifolium micranthum  
Trifolium pratense  
Trifolium repens  
Trifolium striatum  
Trifolium thalii  
Veronica serpyllifolia

##D +03 R22-Low-and-medium-altitude-hay-meadow

Achillea millefolium aggr.  
Agrostis capillaris  
Alopecurus pratensis  
Anthoxanthum odoratum aggr.  
Anthriscus sylvestris  
Arrhenatherum elatius  
Avenula pubescens  
Briza media  
Bromus hordeaceus  
Campanula patula  
Centaurea jacea  
Centaurea nemoralis  
Cerastium fontanum subsp. vulgare  
Crepis biennis  
Dactylis glomerata  
Daucus carota  
Festuca rubra  
Galium mollugo aggr.  
Geranium pratense  
Gladiolus imbricatus  
Heracleum sphondylium  
Holcus lanatus  
Knautia arvensis  
Lathyrus pratensis  
Leontodon hispidus  
Leucanthemum vulgare aggr.  
Lotus corniculatus  
Luzula campestris aggr.  
Pastinaca sativa  
Pimpinella major  
Plantago lanceolata  
Poa pratensis aggr.  
Poa trivialis

Prunella vulgaris  
Ranunculus acris  
Ranunculus bulbosus  
Ranunculus neapolitanus  
Rhinanthus minor  
Rumex acetosa  
Rumex thyrsiflorus  
Salvia pratensis  
Schedonorus pratensis  
Taraxacum sect. Taraxacum  
Trifolium dubium  
Trifolium pratense  
Trisetum flavescens  
Veronica chamaedrys  
Vicia cracca

##D +03 R23-Mountain-hay-meadow  
Agrostis capillaris  
Anthoxanthum odoratum aggr.  
Arabidopsis halleri  
Astrantia major  
Bistorta officinalis  
Bistorta vivipara  
Briza media  
Campanula patula  
Centaurea phrygia  
Cirsium heterophyllum  
Crepis mollis  
Crepis pyrenaica  
Crocus vernus  
Festuca rubra  
Geranium sylvaticum aggr.  
Hypericum maculatum  
Knautia nevadensis  
Lathyrus pratensis  
Luzula campestris aggr.  
Meum athamanticum  
Muscari botryoides  
Narcissus poeticus  
Phleum alpinum aggr.  
Phyteuma halleri  
Phyteuma spicatum  
Pimpinella major  
Pimpinella serbica  
Poa chaixii  
Poa pratensis aggr.  
Primula elatior

Rhinanthus mediterraneus  
Rumex acetosa  
Rumex arifolius  
Silene dioica  
Trifolium pratense  
Trisetum flavescens  
Viola cornuta

##D +03 R24-Iberian-summer-pasture-vallicar

Agrostis castellana  
Anthoxanthum ovatum  
Celtica gigantea  
Festuca ampla  
Festuca elegans  
Festuca summilusitana  
Gaudinia fragilis  
Holcus annuus  
Malva tournefortiana  
Molineriella minuta  
Periballia involucrata  
Phalacrocarpum oppositifolium  
Phalacrocarpum sericeum  
Sedum forsterianum  
Trifolium cernuum  
Trifolium retusum  
Vulpia bromoides  
Vulpia ciliata  
Vulpia myuros

##D +03 R31-Mediterranean-tall-humid-inland-grassland

Agrostis stolonifera  
Anacamptis palustris aggr.  
Blackstonia perfoliata  
Carex mairei  
Centaurea jacea  
Cirsium monspessulanum  
Cirsium pyrenaicum  
Cochlearia glastifolia  
Cochlearia megalosperma  
Cyperus eragrostis  
Cyperus longus  
Dittrichia viscosa  
Dorycnium hirsutum  
Dorycnium rectum  
Epipactis palustris  
Eupatorium cannabinum  
Euphorbia hirsuta

Galium debile  
Genista tinctoria  
Hypericum caprifolium  
Hypericum hircinum  
Hypericum pubescens  
Hypericum tetrapterum  
Hypericum tomentosum  
Imperata cylindrica  
Juncus acutus  
Juncus inflexus  
Juncus littoralis  
Juncus maritimus  
Juncus striatus  
Linum tenue  
Lotus maritimus  
Lysimachia ephemera  
Melilotus indica  
Molinia caerulea aggr.  
Oenanthe lachenalii  
Oenanthe pimpinelloides  
Peucedanum hispanicum  
Phalaris aquatica  
Prunella vulgaris  
Pulicaria dysenterica  
Ranunculus bulbosus  
Ranunculus granatensis  
Ranunculus macrophyllus  
Schedonorus arundinaceus  
Schoenus nigricans  
Scirpoides holoschoenus  
Scrophularia auriculata  
Senecio doria aggr.  
Serapias vomeracea aggr.  
Serratula tinctoria  
Succisella andreae-molinae  
Thalictrum flavum  
Thalictrum minus  
Thalictrum speciosissimum

##D +03 R32-Mediterranean-short-moist-grassland-of-lowlands

Achillea ageratum  
Blackstonia perfoliata  
Centaurium pulchellum  
Cirsium rosulatum  
Deschampsia cespitosa  
Deschampsia media  
Festuca trichophylla



Gaudinia fragilis  
Gentianella amarella  
Hordeum bulbosum  
Hypericum tomentosum  
Jasonia tuberosa  
Koeleria vallesiana  
Leontodon hirtus  
Leucanthemum aligulatum  
Linum suffruticosum aggr.  
Phalaris coerulescens  
Plantago maritima  
Prunella hyssopifolia  
Sanguisorba lateriflora  
Schedonorus arundinaceus  
Senecio carpetanus  
Trifolium lappaceum

##D +03 R33-Mediterranean-short-moist-grassland-of-mountains

Agrostis castellana  
Agrostis nevadensis  
Allium schoenoprasum  
Anthoxanthum odoratum aggr.  
Armeria splendens  
Bellium bellidioides  
Botrychium matricariifolium  
Botrychium simplex  
Campanula herminii  
Carex caryophyllea  
Carex flava  
Carex furva  
Carex leporina  
Carex nigra  
Carum verticillatum  
Colchicum alpinum  
Cynosurus cristatus  
Dactylis glomerata  
Danthonia decumbens  
Deschampsia cespitosa  
Dianthus langeanus  
Dianthus legionensis  
Erodium carvifolium  
Festuca henriquesii  
Festuca iberica  
Festuca microphylla  
Festuca rothmaleri  
Galium saxatile  
Gentiana boryi

Gentiana pneumonanthe  
Jasione laevis  
Juncus squarrosus  
Lotus glacialis  
Lotus glareosus  
Luzula multiflora  
Luzula spicata  
Meum athamanticum  
Narcissus bulbocodium  
Nardus stricta  
Ophioglossum azoricum  
Ophioglossum vulgatum  
Phleum bertolonii  
Pilosella officinarum  
Plantago alpina  
Plantago nivalis  
Plantago subulata  
Poa legionensis  
Polygala serpyllifolia  
Potentilla anglica  
Potentilla asturica  
Potentilla erecta  
Potentilla nevadensis  
Potentilla reuteri  
Ranunculus abnormis  
Ranunculus acetosellifolius  
Ranunculus bulbosus  
Ranunculus demissus  
Sagina saginoides  
Scorzoneroides carpetana  
Sedum melanantherum  
Trifolium repens  
Veronica repens

##D +03 R34-Submediterranean-moist-meadow

Achillea millefolium aggr.  
Agrostis stolonifera  
Alopecurus pratensis  
Alopecurus rendlei  
Anthoxanthum odoratum aggr.  
Anacamptis palustris aggr.  
Bellevalia romana  
Bromus racemosus  
Carex cuprina  
Carex distans  
Carex hirta  
Centaurea jacea

Cichorium intybus  
Cirsium canum  
Clematis integrifolia  
Colchicum lusitanum  
Crepis setosa  
Cynosurus cristatus  
Daucus carota  
Deschampsia cespitosa  
Elytrigia repens  
Galium debile  
Galium verum  
Gaudinia fragilis  
Gratiola officinalis  
Holcus lanatus  
Hordeum murinum  
Hordeum murinum subsp. leporinum  
Hordeum secalinum  
Lathyrus nissolia  
Lathyrus pannonicus  
Lathyrus pratensis  
Leucanthemum vulgare aggr.  
Leucojum aestivum  
Lolium perenne  
Lotus corniculatus  
Lysimachia nummularia  
Medicago arabica  
Medicago polymorpha  
Moenchia mantica  
Molinia caerulea aggr.  
Narcissus poeticus  
Oenanthe peucedanifolia  
Oenanthe silaifolia  
Ophioglossum vulgatum  
Ornithogalum collinum  
Peucedanum coriaceum  
Peucedanum officinale  
Plantago lanceolata  
Poa pratensis aggr.  
Poa trivialis  
Podospermum canum  
Potentilla reptans  
Prunella vulgaris  
Ranunculus acris  
Ranunculus marginatus  
Ranunculus pedatus  
Ranunculus polyanthemos  
Ranunculus repens

Ranunculus sardous  
Ranunculus velutinus  
Rhinanthus minor  
Rumex acetosa  
Rumex crispus  
Schedonorus pratensis  
Scilla litardierei  
Scutellaria hastifolia  
Serratula tinctoria  
Silene flos-cuculi  
Taraxacum sect. Taraxacum  
Tragopogon pratensis  
Trifolium angulatum  
Trifolium cinctum  
Trifolium dubium  
Trifolium fragiferum  
Trifolium michelianum  
Trifolium pallidum  
Trifolium patens  
Trifolium pratense  
Trifolium repens  
Trifolium resupinatum  
Trifolium subterraneum

##D +03 R35-Moist-or-wet-mesotrophic-to-eutrophic-hay-meadow

Achillea millefolium aggr.  
Agrostis stolonifera  
Allium angulosum  
Alopecurus bulbosus  
Alopecurus pratensis  
Bistorta officinalis  
Bromus racemosus  
Caltha palustris  
Cardamine matthioli  
Cardamine pratensis  
Carex divisa  
Carex melanostachya  
Centaurea jacea  
Centaurea nigrescens  
Cerastium dubium  
Cirsium canum  
Cirsium heterophyllum  
Cirsium palustre  
Cirsium rivulare  
Colchicum autumnale  
Crepis paludosa  
Cruciata glabra

Dactylorhiza majalis  
Deschampsia cespitosa  
Elytrigia repens  
Equisetum palustre  
Filipendula ulmaria  
Fritillaria meleagris  
Galium debile  
Galium uliginosum  
Geranium palustre  
Geum coccineum  
Geum rivale  
Gladiolus imbricatus  
Gratiola officinalis  
Holcus lanatus  
Hypericum tetrapterum  
Inula britannica  
Jacobaea aquatica  
Juncus conglomeratus  
Juncus effusus  
Lathyrus palustris  
Lathyrus pratensis  
Leucojum aestivum  
Lotus pedunculatus  
Lysimachia nummularia  
Lysimachia vulgaris  
Lythrum virgatum  
Myosotis nemorosa  
Myosotis scorpioides  
Oenanthe fistulosa  
Oenanthe silaifolia  
Plantago altissima  
Potentilla reptans  
Ranunculus acris  
Ranunculus ophioglossifolius  
Rhinanthus angustifolius  
Sanguisorba officinalis  
Scirpus sylvaticus  
Scutellaria hastifolia  
Selinum dubium  
Silaum silaus  
Silene flos-cuculi  
Stachys palustris  
Symphytum officinale  
Thalictrum flavum  
Thalictrum lucidum  
Thalictrum simplex  
Trifolium michelianum

Trollius europaeus  
Valeriana officinalis  
Veronica longifolia  
Viola elatior  
Viola pumila

##D +03 R36-Moist-or-wet-mesotrophic-to-eutrophic-pasture

Achillea millefolium aggr.  
Agrostis stolonifera  
Alopecurus bulbosus  
Alopecurus geniculatus  
Argentina anserina  
Blysmus compressus  
Cardamine parviflora  
Carex cuprina  
Carex hirta  
Carex vulpina  
Eleocharis uniglumis  
Inula britannica  
Juncus articulatus  
Juncus compressus  
Juncus conglomeratus  
Juncus effusus  
Juncus inflexus  
Lathyrus pratensis  
Lolium perenne  
Mentha longifolia  
Mentha pulegium  
Mentha suaveolens  
Nasturtium microphyllum  
Oenanthe fistulosa  
Plantago major  
Poa trivialis  
Potentilla reptans  
Pulicaria dysenterica  
Pulicaria vulgaris  
Ranunculus repens  
Ranunculus sardous  
Rorippa sylvestris  
Rumex conglomeratus  
Rumex crispus  
Schedonorus arundinaceus  
Teucrium scordium  
Trifolium fragiferum  
Trifolium repens  
Triglochin palustris

##D +03 R37-Temperate-and-boreal-moist-or-wet-oligotrophic-  
grassland

Achillea millefolium aggr.  
Anthoxanthum odoratum aggr.  
Avenula pubescens  
Briza media  
Cardamine pratensis  
Carex pallescens  
Carex panicea  
Cirsium dissectum  
Cirsium tuberosum  
Crepis paludosa  
Dianthus superbus  
Galium boreale  
Galium uliginosum  
Gentiana pneumonanthe  
Gladiolus imbricatus  
Holcus lanatus  
Iris sibirica  
Molinia caerulea aggr.  
Potentilla erecta  
Ranunculus acris  
Sanguisorba officinalis  
Scorzonera humilis  
Selinum carvifolia  
Serratula tinctoria  
Silaum silaus  
Stachys alopecuros  
Stachys officinalis  
Succisa pratensis  
Viola stagnina

##D +03 R41-Snow-bed-vegetation

Achillea clusiana  
Alchemilla fissa  
Alchemilla pentaphyllea  
Alopecurus gerardi  
Alopecurus riloensis  
Arabis caerulea  
Bistorta vivipara  
Cardamine alpina  
Carex atrata  
Carex bigelowii  
Carex foetida  
Carex kitaibeliana  
Carex lachenalii  
Carex norvegica

Carex pyrenaica  
Cerastium cerastoides  
Crocus veluchensis  
Dianthus microlepis  
Draba crassifolia  
Festuca picturata  
Gnaphalium hoppeanum  
Gnaphalium supinum  
Hornungia alpina  
Juncus biglumis  
Luzula alpinopilosa  
Luzula alpinopilosa subsp. alpinopilosa  
Luzula confusa  
Luzula desvauxii  
Luzula nivalis  
Phippsia algida  
Plantago atrata  
Poa arctica  
Poa dolosa  
Poa granitica  
Potentilla brauneana  
Potentilla hyparctica  
Primula integrifolia  
Ranunculus alpestris  
Ranunculus crenatus  
Ranunculus glacialis  
Ranunculus montanus  
Ranunculus nivalis  
Ranunculus pseudomontanus  
Ranunculus pygmaeus  
Ranunculus sulphureus  
Sagina saginoides  
Salix herbacea  
Salix polaris  
Saxifraga androsacea  
Saxifraga cernua  
Saxifraga nivalis  
Saxifraga oppositifolia  
Saxifraga rivularis  
Saxifraga stellaris  
Saxifraga tenuis  
Saxifraga wahlenbergii  
Sedum alpestre  
Sedum candolleanum  
Sibbaldia procumbens  
Soldanella alpina  
Soldanella carpatica



Soldanella minima  
Taraxacum apenninum  
Taraxacum bithynicum  
Taraxacum croceum  
Trisetum spicatum  
Veronica alpina

##D +03 R42-Boreal-and-arctic-acidophilous-alpine-grassland

Alchemilla glomerulans  
Anthoxanthum odoratum aggr.  
Astragalus alpinus  
Astragalus frigidus  
Bistorta vivipara  
Carex bigelowii  
Carex brunnescens  
Carex lachenalii  
Cassiope hypnoides  
Cassiope tetragona  
Cerastium alpinum  
Epilobium anagallidifolium  
Erigeron uniflorus  
Gnaphalium supinum  
Juncus trifidus  
Nardus stricta  
Potentilla crantzii  
Ranunculus pygmaeus  
Saussurea alpina  
Sibbaldia procumbens  
Thalictrum alpinum  
Trisetum spicatum  
Vahlodea atropurpurea  
Veronica alpina  
Viola biflora

##D +03 R43-Temperate-acidophilous-alpine-grassland

Agrostis nevadensis  
Agrostis rupestris  
Alchemilla catalaunica  
Androsace carnea  
Astragalus alpinus  
Astragalus frigidus  
Bellardiochloa variegata  
Campanula alpina  
Campanula herminii  
Campanula scheuchzeri  
Carex bigelowii  
Carex brunnescens

Carex curvula  
Carex foetida  
Carex lachenalii  
Carex macrostyla  
Cerastium alpinum  
Colchicum montanum  
Epilobium anagallidifolium  
Erigeron uniflorus  
Festuca airoides  
Festuca eskia  
Festuca iberica  
Gentiana alpina  
Geum montanum  
Globularia meridionalis  
Gnaphalium supinum  
Helictochloa versicolor  
Holcus lanatus  
Homogyne alpina  
Iris latifolia  
Jacobaea abrotanifolia  
Jacobaea incana  
Juncus squarrosus  
Juncus trifidus  
Koeleria lobata  
Leucanthemopsis alpina  
Ligusticum corsicum  
Ligusticum mutellina  
Lotus alpinus  
Luzula pediformis  
Luzula spicata  
Minuartia recurva  
Minuartia verna  
Nardus stricta  
Oreochloa disticha  
Plantago holosteum  
Polygala edmundii  
Potentilla aurea  
Potentilla crantzii  
Primula minima  
Pulsatilla alpina  
Ranunculus pyrenaicus  
Sagina pilifera  
Saussurea alpina  
Scorzoneroides cantabrica  
Scorzoneroides microcephala  
Scorzoneroides pyrenaica  
Thalictrum alpinum

Thymus nervosus  
Trifolium alpinum  
Trisetum spicatum  
Veronica alpina  
Viola biflora

##D +03 R44-Arctic-alpine-calcareous-grassland

Achillea clavennae  
Androsace chamaejasme  
Androsace villosa  
Androsace vitaliana  
Aster alpinus  
Astragalus alpinus  
Astragalus frigidus  
Astragalus penduliflorus  
Bartsia alpina  
Bellidiastrum michelii  
Biscutella laevigata  
Calamagrostis varia  
Campanula thyrsoides  
Carex australpina  
Carex baldensis  
Carex ferruginea  
Carex firma  
Carex mucronata  
Carex ornithopoda  
Carex sempervirens  
Dactylorhiza viridis  
Draba aizoides  
Dryas octopetala  
Festuca versicolor  
Galium anisophyllum  
Gentiana clusii  
Gentiana nivalis  
Gentiana verna  
Globularia cordifolia  
Gymnadenia nigra  
Gymnadenia rubra  
Helianthemum alpestre  
Helianthemum nummularium  
Hieracium villosum  
Homogyne discolor  
Jacobaea abrotanifolia  
Kobresia myosuroides  
Kobresia simpliciuscula  
Leontopodium nivale  
Minuartia langii

Myosotis alpestris  
Onobrychis montana  
Oxytropis campestris  
Oxytropis carpatica  
Oxytropis halleri  
Pedicularis foliosa  
Pedicularis rostratocapitata  
Phyteuma sieberi  
Primula clusiana  
Pulsatilla alpina  
Ranunculus hybridus  
Ranunculus thora  
Rhinanthus gracilis  
Saussurea alpina  
Saussurea pygmaea  
Saxifraga caesia  
Saxifraga paniculata  
Senecio doronicum  
Sesleria caerulea  
Sesleria coerulans  
Stachys alopecuroides  
Thesium alpinum  
Veronica aphylla  
Veronica fruticans

##D +03 R45-Alpine-and-subalpine-calcareous-grassland-of-the-  
Balkans-and-Appennines

Achillea holosericea  
Aethionema saxatile  
Anthyllis aurea  
Asperula aristata  
Asplenium fissum  
Aster alpinus  
Astragalus mayeri  
Asyneuma limonifolium  
Biscutella laevigata  
Carex kitaibeliana  
Clinopodium alpinum  
Cyanus triumfettii  
Dianthus integer  
Dianthus sylvestris  
Dichoropetalum schottii  
Draba aizoides  
Draba lasiocarpa  
Edraianthus graminifolius  
Fritillaria orientalis  
Galium oreophilum

Geranium subcaulescens  
Helianthemum canum  
Helianthemum nummularium  
Hieracium pannosum  
Iberis sempervirens  
Leontodon crispus  
Linum alpinum  
Linum capitatum  
Minuartia verna  
Oxytropis campestris  
Oxytropis neglecta  
Oxytropis purpurea  
Pedicularis comosa  
Pedicularis verticillata  
Phyteuma orbiculare  
Plantago argentea  
Polygala alpestris  
Polygala comosa  
Potentilla crantzii  
Pulsatilla alpina  
Ranunculus breyninus  
Satureja montana  
Senecio procerus  
Sesleria juncifolia  
Sesleria nitida  
Sideritis raeseri  
Teucrium montanum  
Thalictrum minus  
Thymus ciliatopubescens  
Thymus praecox  
Trinia dalechampii

##D +03 R51-Thermophilous-woodland-fringe-of-base-rich-soils

Aconitum anthora  
Aegonychon purpurocaeruleum  
Anemone sylvestris  
Aquilegia vulgaris  
Astragalus glycyphyllos  
Bupleurum falcatum  
Campanula bononiensis  
Campanula persicifolia  
Clematis recta  
Clinopodium nepeta  
Clinopodium vulgare  
Crepis praemorsa  
Cyanus triumfettii  
Dictamnus albus

Digitalis grandiflora  
Ferulago campestris  
Ferulago granatensis  
Geranium sanguineum  
Hesperis sylvestris  
Inula conyzae  
Inula germanica  
Inula hirta  
Inula salicina  
Iris graminea  
Iris variegata  
Knautia drymeia  
Knautia fleischmannii  
Knautia illyrica  
Lactuca quercina  
Laser trilobum  
Laserpitium latifolium  
Laserpitium siler  
Lathyrus heterophyllus  
Lathyrus pannonicus  
Lathyrus sylvestris  
Lembotropis nigricans  
Lithospermum officinale  
Melampyrum cristatum  
Melampyrum nemorosum  
Melampyrum velebiticum  
Melittis melissophyllum  
Odontites tenuifolius  
Origanum vulgare  
Paeonia mascula  
Paeonia officinalis  
Peucedanum alsaticum  
Peucedanum cervaria  
Peucedanum oreoselinum  
Polygonatum odoratum  
Potentilla hirta  
Pseudoturritis turrita  
Seseli libanotis  
Silene coronaria  
Silene italica  
Tanacetum corymbosum  
Tephrosia longifolia  
Trifolium medium  
Trifolium rubens  
Valeriana stolonifera  
Verbascum chaixii  
Veronica barrelieri

*Vicia cassubica*  
*Vicia dumetorum*  
*Vicia pisiformis*  
*Vicia sylvatica*  
*Vincetoxicum hirundinaria*

##D +03 R52-Woodland-fringe-of-acidic-nutrient-poor-soils

*Campanula baumgartenii*  
*Hieracium lachenalii*  
*Hieracium laevigatum*  
*Hieracium sabaudum*  
*Holcus mollis*  
*Hypericum pulchrum*  
*Jacobaea adonidifolia*  
*Lathyrus linifolius*  
*Lonicera periclymenum*  
*Melampyrum pratense*  
*Melampyrum sylvaticum*  
*Peucedanum gallicum*  
*Pulmonaria longifolia*  
*Solidago virgaurea*  
*Teucrium scorodonia*  
*Vicia orobus*

##D +03 R53-Macaronesian-thermophilous-woodland-fringe

*Ammi huntii*  
*Ammi trifoliatum*  
*Angelica lignescens*  
*Chaerophyllum azoricum*  
*Dactylorhiza foliosa*  
*Geranium palmatum*  
*Geranium reuteri*  
*Lactuca watsoniana*  
*Myosotis latifolia*  
*Pericallis appendiculata*  
*Pericallis aurita*  
*Pericallis cruenta*  
*Pericallis echinata*  
*Pericallis malvifolia*  
*Pericallis tussilaginis*  
*Pimpinella dendrotragium*  
*Ranunculus cortusifolius*  
*Rumex maderensis*  
*Scrophularia smithii*  
*Teucrium francoi*  
*Viola paradoxa*

##D +03 R55-Lowland-moist-or-wet-tall-herb-and-fern-fringe

Achillea ptarmica  
Aegopodium podagraria  
Agrostis stolonifera  
Alliaria petiolata  
Althaea officinalis  
Angelica archangelica  
Angelica heterocarpa  
Angelica sylvestris  
Anthriscus sylvestris  
Aristolochia clematitidis  
Artemisia vulgaris  
Aruncus dioicus  
Asparagus asparagoides  
Atriplex sagittata  
Ballota nigra  
Bidens pilosa  
Brachypodium sylvaticum  
Bromopsis inermis  
Caltha palustris  
Calystegia sepium  
Calystegia silvatica  
Cardiospermum grandiflorum  
Carduus crispus  
Carex pendula  
Carex sylvatica  
Chaerophyllum aromaticum  
Chaerophyllum hirsutum  
Circaea lutetiana  
Conyza primulifolia  
Crepis paludosa  
Cuscuta europaea  
Cynanchum acutum  
Dactylorhiza fuchsii  
Dipsacus fullonum  
Dipsacus laciniatus  
Dittrichia viscosa  
Dorycnium rectum  
Dryopteris filix-mas  
Dysphania ambrosioides  
Echinochloa crus-galli  
Echinocystis lobata  
Epilobium hirsutum  
Epilobium montanum  
Equisetum ramosissimum  
Equisetum telmateia  
Eupatorium cannabinum



Euphorbia lucida  
Fallopia dumetorum  
Filipendula ulmaria  
Fragaria vesca  
Galeopsis speciosa  
Galium aparine  
Galium odoratum  
Galium uliginosum  
Geranium palustre  
Geranium phaeum  
Geranium robertianum  
Geum rivale  
Geum urbanum  
Glechoma hederacea  
Glycyrrhiza echinata  
Heracleum sphondylium  
Humulus lupulus  
Impatiens balfourii  
Impatiens glandulifera  
Impatiens noli-tangere  
Inula helenium  
Ipomoea indica  
Ipomoea sagittata  
Juncus bufonius  
Juncus inflexus  
Lactuca muralis  
Lamium album  
Lamium maculatum  
Lapsana communis  
Leersia oryzoides  
Leonurus cardiaca  
Lunaria rediviva  
Lycopus europaeus  
Lysimachia vulgaris  
Lythrum salicaria  
Mentha longifolia  
Myosoton aquaticum  
Parietaria officinalis  
Petasites albus  
Petasites hybridus  
Phalaroides arundinacea  
Physalis alkekengi  
Poa nemoralis  
Poa trivialis  
Pulicaria dysenterica  
Rubus caesius  
Rubus ulmifolius

Rumex conglomeratus  
Salvia glutinosa  
Schedonorus giganteus  
Scrophularia umbrosa  
Silene baccifera  
Silene dioica  
Smyrniium perfoliatum  
Solidago gigantea  
Stachys sylvatica  
Symphyotrichum lanceolatum  
Symphytum officinale  
Tanacetum vulgare  
Telekia speciosa  
Trifolium repens  
Trollius europaeus  
Tropaeolum majus  
Urtica dioica  
Valeriana excelsa  
Veronica longifolia  
Viola alba  
Viola odorata  
Viola reichenbachiana

##D +03 R56-Montane-subalpine-moist-or-wet-tall-herb-and-fern-  
fringe

Aconitum burnatii  
Aconitum lycoctonum  
Aconitum napellus  
Aconitum tauricum  
Aconogonon alpinum  
Adenostyles alliariae  
Adenostyles alpina  
Angelica archangelica  
Aquilegia bernardii  
Aquilegia cazorlensis  
Athyrium distentifolium  
Atropa baetica  
Cardamine acris  
Cardamine rivularis  
Carduus personata  
Chaerophyllum villarsii  
Cirsium appendiculatum  
Cirsium erisithales  
Cirsium pyrenaicum  
Cirsium tymphaeum  
Delphinium elatum  
Doronicum corsicum

Doronicum grandiflorum  
Epilobium lactiflorum  
Geranium asphodeloides  
Geranium sylvaticum aggr.  
Geum coccineum  
Heracleum elegans  
Heracleum sphondylium  
Heracleum transsilvanicum  
Jacobaea alpina  
Jacobaea subalpina  
Lactuca alpina  
Lactuca pancicii  
Lactuca plumieri  
Laserpitium longiradium  
Leucanthemum rotundifolium  
Molopospermum peloponnesiacum  
Myosotis soleirolii  
Pedicularis foliosa  
Peucedanum ostruthium  
Ranunculus aconitifolius  
Ranunculus platanifolius  
Rhaponticum scariosum subsp. rhaponticum  
Rhodiola rosea  
Rumex alpinus  
Rumex arifolius  
Saxifraga rotundifolia  
Scrophularia auriculata  
Scrophularia scopolii  
Silene dioica  
Telekia speciosa  
Tephrosieris elodes  
Thalictrum aquilegifolium  
Thelypteris limbosperma  
Valeriana pyrenaica  
Veratrum album

##D +03 R57-Herbaceous-forest-clearing-vegetation

Ageratina adenophora  
Alliaria petiolata  
Anaphalis margaritacea  
Arctium nemorosum  
Atropa bella-donna  
Avenella flexuosa  
Bromopsis ramosa aggr.  
Calamagrostis epigejos  
Carex muricata  
Carex spicata

*Centaurium erythraea*  
*Chaerophyllum temulum*  
*Chelidonium majus*  
*Digitalis grandiflora*  
*Digitalis purpurea*  
*Epilobium angustifolium*  
*Erechtites hieraciifolius*  
*Eupatorium cannabinum*  
*Fallopia dumetorum*  
*Fragaria vesca*  
*Galeopsis bifida*  
*Galeopsis pubescens*  
*Galeopsis speciosa*  
*Galeopsis tetrahit*  
*Galium aparine*  
*Geranium robertianum*  
*Geum urbanum*  
*Glechoma hederacea*  
*Gnaphalium sylvaticum*  
*Hypericum hirsutum*  
*Impatiens parviflora*  
*Lactuca muralis*  
*Lamium maculatum*  
*Lapsana communis*  
*Lupinus polyphyllus*  
*Myosotis sylvatica*  
*Sambucus ebulus*  
*Senecio nemorensis* aggr.  
*Senecio sylvaticus*  
*Sisymbrium strictissimum*  
*Stachys alpina*  
*Stachys sylvatica*  
*Torilis japonica*  
*Urtica dioica*  
*Valeriana officinalis*  
*Verbascum thapsus*  
*Veronica sublobata*

##D +03 R61-Mediterranean-inland-salt-steppe

*Aeluropus littoralis*  
*Arthrocnemum macrostachyum*  
*Bassia hirsuta*  
*Carex lainzii*  
*Elytrigia curvifolia*  
*Frankenia corymbosa*  
*Frankenia pulverulenta*  
*Gypsophila tomentosa*

Halocnemum strobilaceum  
Halopeplis amplexicaulis  
Helianthemum polygonoides  
Hordeum marinum  
Hornungia procumbens  
Jacobaea auricula  
Juncus subulatus  
Limonium angustebracteatum  
Limonium aragonense  
Limonium caesium  
Limonium carpetanicum  
Limonium catalaunicum  
Limonium cofrentanum  
Limonium cordovillense  
Limonium cossonianum  
Limonium costae  
Limonium delicatulum  
Limonium dichotomum  
Limonium erectum  
Limonium furfuraceum  
Limonium insigne  
Limonium lobetanicum  
Limonium majus  
Limonium minus  
Limonium pinillense  
Limonium quesadense  
Limonium ruizii  
Limonium santapolense  
Limonium soboliferum  
Limonium squarrosum  
Limonium stenophyllum  
Limonium sucronicum  
Limonium supinum  
Limonium toletanum  
Limonium tournefortii  
Limonium viciosoi  
Mesembryanthemum crystallinum  
Mesembryanthemum nodiflorum  
Microcnemum coralloides  
Parapholis strigosa  
Puccinellia caespitosa  
Puccinellia festuciformis  
Puccinellia hispanica  
Salicornia patula  
Sonchus crassifolius  
Spergularia diandra  
Sphenopus divaricatus

Suaeda braun-blanquetii  
Suaeda maritima  
Suaeda splendens  
Suaeda vera

##D +03 R62-Continental-inland-salt-steppe

Artemisia santonicum  
Artemisia taurica  
Bassia hirsuta  
Bassia laniflora  
Bassia sedoides  
Bupleurum tenuissimum  
Camphorosma annua  
Camphorosma monspeliaca  
Carex stenophylla  
Crypsis schoenoides  
Eremopyrum orientale  
Eremopyrum triticeum  
Galatella sedifolia  
Hordeum geniculatum  
Lepidium cartilagineum  
Limonium gmelinii  
Lotus angustissimus  
Petrosimonia brachiata  
Petrosimonia oppositifolia  
Petrosimonia triandra  
Pholiurus pannonicus  
Plantago cornuti  
Plantago tenuiflora  
Podospermum canum  
Puccinellia distans  
Puccinellia festuciformis  
Ranunculus pedatus  
Salicornia perennans  
Scorzonera parviflora  
Spergularia marina  
Suaeda acuminata  
Suaeda corniculata  
Suaeda maritima  
Suaeda prostrata  
Trifolium retusum

##D +03 R63-Temperate-inland-salt-marsh

Argentina anserina  
Atriplex prostrata  
Bassia hirsuta  
Blysmopsis rufa

Bolboschoenus maritimus  
Bolboschoenus planiculmis  
Bupleurum tenuissimum  
Carex cuprina  
Carex distans  
Centaurium pulchellum  
Cerastium dubium  
Cirsium brachycephalum  
Cirsium esculentum  
Eleocharis uniglumis  
Frankenia hirsuta  
Glaux maritima  
Halimione pedunculata  
Halocnemum strobilaceum  
Hordeum geniculatum  
Hordeum marinum  
Iris spuria  
Juncus gerardi  
Lotus tenuis  
Melilotus dentatus  
Mentha pulegium  
Plantago maritima  
Plantago tenuiflora  
Podospermum canum  
Puccinellia distans  
Puccinellia festuciformis  
Ranunculus sardous  
Salicornia emerici  
Salicornia europaea aggr.  
Salicornia perennans  
Salsola soda  
Schoenoplectus lacustris subsp. glaucus  
Scorzonera parviflora  
Spergularia marina  
Spergularia media  
Suaeda acuminata  
Suaeda maritima  
Suaeda prostrata  
Taraxacum besarabicum  
Trifolium fragiferum  
Triglochin maritima  
Tripolium pannonicum

##D +03 R64-Semi-desert-salt-pan

Aeluropus lagopoides  
Anabasis aphylla  
Anabasis salsa

Atriplex aucheri  
Atriplex cana  
Atriplex sphaeromorpha  
Bienertia cycloptera  
Climacoptera aralensis  
Climacoptera brachiata  
Climacoptera brachiata  
Climacoptera crassa  
Climacoptera lanata  
Climacoptera transoxana  
Climacoptera turcomanica  
Corispermum aralocaspicum  
Corispermum filifolium  
Corispermum orientale  
Corispermum uralense  
Girgensohnia oppositifolia  
Halimione verrucifera  
Halimocnemis sclerosperma  
Halocnemum strobilaceum  
Halogeton glomeratus  
Halostachys belangeriana  
Kalidium caspicum  
Kalidium foliatum  
Karelinia caspia  
Limonium danubiale  
Limonium gmelinii  
Limonium scoparium  
Limonium suffruticosum  
Nanophyton erinaceum  
Noaea mucronata  
Ofaiston monandrum  
Petrosimonia brachiata  
Petrosimonia brachyphylla  
Petrosimonia glaucescens  
Petrosimonia litwinowii  
Petrosimonia monandra  
Petrosimonia oppositifolia  
Petrosimonia triandra  
Puccinellia dolicholepis  
Salsola acutifolia  
Salsola dendroides  
Salsola foliosa  
Salsola laricina  
Salsola nitraria  
Salsola orientale  
Salsola paulsenii  
Suaeda dendroides



*Suaeda physophora*

##D +03 R65-Continental-subsaline-alluvial-pasture-and-meadow

*Aeluropus littoralis*  
*Bassia hyssopifolia*  
*Carex stenophylla*  
*Dodartia orientalis*  
*Eryngium planum*  
*Limonium reniforme*  
*Medicago caerulea*  
*Rhaponticum repens*

##D +03 I1-Arable-land-and-market-gardens

*Abutilon theophrasti*  
*Adonis aestivalis*  
*Adonis annua*  
*Adonis flammea*  
*Adonis microcarpa*  
*Aethusa cynapium*  
*Agrostemma githago*  
*Ajuga chamaepitys*  
*Ajuga iva*  
*Allium vineale*  
*Alopecurus myosuroides*  
*Ammi majus*  
*Ammi visnaga*  
*Anagallis arvensis*  
*Anagallis foemina*  
*Androsace maxima*  
*Anthemis arvensis*  
*Anthemis ruthenica*  
*Anthoxanthum aristatum*  
*Anthoxanthum ovatum*  
*Apera spica-venti*  
*Aphanes australis*  
*Arabidopsis thaliana*  
*Arnoseric minima*  
*Asperula arvensis*  
*Avena sativa*  
*Bifora radians*  
*Bifora testiculata*  
*Brassica napus*  
*Brassica rapa*  
*Bromus arvensis*  
*Bromus grossus*  
*Bromus secalinus*  
*Buglossoides arvensis*

Bupleurum rotundifolium  
Camelina alyssum  
Camelina microcarpa  
Camelina rumelica  
Camelina sativa  
Capsella bursa-pastoris  
Caucalis platycarpos  
Cephalaria transsylvanica  
Chrozophora plicata  
Chrozophora tinctoria  
Cirsium arvense  
Conringia orientalis  
Consolida ajacis  
Consolida hispanica  
Consolida mauritanica  
Consolida orientalis  
Consolida pubescens  
Consolida regalis  
Convolvulus arvensis  
Coriandrum sativum  
Cota austriaca  
Cota segetalis  
Cuscuta campestris  
Cuscuta epilinum  
Cyanus segetum  
Diplotaxis catholica  
Diplotaxis eruroides  
Euphorbia exigua  
Euphorbia falcata  
Euphorbia helioscopia  
Euphorbia lagascae  
Euphorbia lathyris  
Euphorbia peplus  
Euphorbia platyphyllos  
Euphorbia segetalis  
Euphorbia taurinensis  
Fagopyrum esculentum  
Fagopyrum tataricum  
Fallopia baldschuanica  
Fallopia convolvulus  
Fumaria agraria  
Fumaria officinalis  
Gagea villosa  
Galeopsis segetum  
Galeopsis tetrahit  
Galinsoga parviflora  
Galinsoga quadriradiata

Galium parisiense  
Galium spurium  
Kickxia elatine  
Kickxia spuria  
Lamium amplexicaule  
Lamium purpureum  
Lathyrus tuberosus  
Lens culinaris  
Linaria arvensis  
Linum usitatissimum  
Lipandra polysperma  
Lolium remotum  
Lolium temulentum  
Lycopsis arvensis  
Matricaria chamomilla  
Melampyrum arvense  
Melampyrum barbatum  
Mentha arvensis  
Mercurialis annua  
Mibora minima  
Myagrum perfoliatum  
Myosotis arvensis  
Neslia paniculata  
Nigella arvensis  
Ornithogalum umbellatum  
Ornithopus perpusillus  
Oxalis corniculata  
Oxalis debilis  
Oxalis dillenii  
Oxalis pes-caprae  
Oxalis stricta  
Papaver argemone  
Papaver dubium  
Papaver hybridum  
Papaver rhoeas  
Papaver somniferum  
Persicaria lapathifolia  
Persicaria maculosa  
Persicaria orientalis  
Persicaria pensylvanica  
Pisum sativum  
Potentilla norvegica  
Ranunculus arvensis  
Raphanus raphanistrum  
Raphanus sativus  
Ridolfia segetum  
Roemeria hybrida

Rumex acetosella  
Scleranthus annuus  
Senecio vulgaris  
Sherardia arvensis  
Silene linicola  
Sinapis alba  
Sinapis arvensis  
Solanum nigrum  
Sonchus asper  
Sonchus oleraceus  
Spergula arvensis  
Stachys annua  
Stachys arvensis  
Stellaria media  
Thlaspi alliaceum  
Thlaspi arvense  
Thymelaea passerina  
Torilis arvensis  
Tripleurospermum inodorum  
Ventenata dubia  
Veronica agrestis  
Veronica arvensis  
Veronica hederifolia  
Veronica opaca  
Veronica persica  
Veronica polita  
Veronica triloba  
Veronica triphyllos  
Vicia pannonica  
Vicia sativa  
Vicia tetrasperma  
Viola arvensis

##D +03 I14-Inundated-or-inundatable-croplands-including-rice-  
fields

Ammannia auriculata  
Ammannia baccifera  
Ammannia coccinea  
Ammannia robusta  
Ammannia verticillata  
Bergia capensis  
Crassula peduncularis  
Cyperus difformis  
Cyperus iria  
Cyperus serotinus  
Echinochloa colonum  
Echinochloa crus-galli

Echinochloa oryzicola  
Echinochloa oryzoides  
Fimbristylis bisumbellata  
Heteranthera reniformis  
Lindernia dubia  
Monochoria korsakowii  
Rotala filiformis  
Rotala indica  
Schoenoplectus mucronatus  
Schoenoplectus supinus

##D +03 IE16-Subnitrophilous-annual-grassland

Althaea longiflora  
Astragalus hamosus  
Avena barbata  
Avena sterilis  
Bromus diandrus  
Bromus lanceolatus  
Bromus madritensis  
Bromus rigidus  
Bromus rubens  
Catapodium rigidum  
Centaurea melitensis  
Centaurea pullata  
Cullen americanum  
Dasypyrum villosum  
Gastridium phleoides  
Hedypnois cretica  
Hordeum murinum subsp. leporinum  
Leontodon salzmannii  
Lolium rigidum  
Lotus edulis  
Lotus ornithopodioides  
Lupinus angustifolius  
Lupinus luteus  
Malva hispanica  
Matthiola parviflora  
Medicago orbicularis  
Medicago rigidula  
Medicago truncatula  
Melilotus spicatus  
Melilotus sulcatus  
Nonea vesicaria  
Phalaris brachystachys  
Phalaris canariensis  
Phalaris minor  
Plantago afra

Reichardia picroides  
Scorzonera laciniata  
Senecio gallicus  
Silene gallica  
Thesium humile  
Trifolium angustifolium  
Trifolium cherleri  
Trifolium hirtum  
Trigonella foenum-graecum  
Trigonella monspeliaca  
Trigonella polyceratia  
Trisetum paniceum  
Urospermum picroides  
Vulpia ciliata

##D +03 IE1E-Trampled-xeric-grassland-with-annuals

Alternanthera caracasana  
Alternanthera pungens  
Ceratodon purpureus  
Cotula australis  
Crepis pusilla  
Cynodon dactylon  
Dichondra micrantha  
Digitaria ischaemum  
Digitaria sanguinalis  
Diplotaxis muralis  
Diplotaxis tenuifolia  
Dysphania pumilio  
Eleusine tristachya  
Eleusine indica  
Eragrostis barrelieri  
Eragrostis cilianensis  
Eragrostis frankii  
Eragrostis minor  
Eragrostis multicaulis  
Eragrostis papposa  
Eragrostis pectinacea  
Eragrostis pilosa  
Eragrostis virescens  
Erigeron bonariensis  
Erigeron sumatrensis  
Euclidium syriacum  
Euphorbia chamaesyce  
Euphorbia humifusa  
Euphorbia maculata  
Euphorbia nutans  
Euphorbia prostrata

Euphorbia serpens  
Euphorbia chamaesyce  
Euphorbia humistrata  
Filago congesta  
Heliotropium europaeum  
Heliotropium curassavicum  
Guizotia abyssinica  
Filago desertorum  
Filago petro-ianii  
Herniaria hirsuta  
Lepidium densiflorum  
Matricaria aurea  
Ochlopoa infirma  
Plantago coronopus aggr.  
Polygonum aviculare  
Polygonum depressum  
Pseudocrossidium hornschuchianum  
Ptychostomum archangelicum  
Ptychostomum imbricatulum  
Sclerochloa dura  
Setaria adhaerens  
Setaria verticillata  
Soliva stolonifera  
Tribulus terrestris  
Trifolium suffocatum

##D +03 IE28-Trampled-mesophilous-grassland-with-annuals

Barbula convoluta  
Barbula unguiculata  
Bryum argenteum  
Polycarpon tetraphyllum  
Plantago major  
Ochlopoa annua  
Bryum dichotomum  
Bryum funckii  
Bryum gemmilucens  
Bryum ruderales  
Bryum versicolor  
Herniaria glabra  
Lepidium didymum  
Lepidium perfoliatum  
Lepidium ruderales  
Lepidium squamatum  
Lunularia cruciata  
Marchantia polymorpha  
Matricaria discoidea  
Sagina apetala

*Sagina procumbens*  
*Spergularia purpurea*  
*Spergularia rubra*

##D +03 IE51-Anthropogenic-herb-stands

*Acalypha virginica*  
*Acanthus mollis*  
*Achillea filipendulina*  
*Achillea santolinoides*  
*Aegilops cylindrica*  
*Aegilops geniculata*  
*Aegilops neglecta*  
*Aegilops triuncialis*  
*Aegilops ventricosa*  
*Aegopodium podagraria*  
*Aethusa cynapium*  
*Ageratina adenophora*  
*Aizoanthemopsis hispanica*  
*Aizoon canariense*  
*Alcea biennis*  
*Alcea rosea*  
*Alchemilla glabra*  
*Allium neapolitanum*  
*Allium nigrum*  
*Allium paradoxum*  
*Allium polyanthum*  
*Allium scaberrimum*  
*Allium scorodoprasum*  
*Allium trifoliatum*  
*Allium triquetrum*  
*Althaea longiflora*  
*Alyssum granatense*  
*Alyssum simplex*  
*Amaranthus bouchonii*  
*Amaranthus caudatus*  
*Amaranthus hybridus*  
*Amaranthus hypochondriacus*  
*Amaranthus palmeri*  
*Amaranthus powellii*  
*Amaranthus retroflexus*  
*Amaranthus standleyanus*  
*Ambrosia artemisiifolia*  
*Ambrosia psilostachya*  
*Ambrosia trifida*  
*Anacyclus clavatus*  
*Anacyclus radiatus*  
*Anacyclus valentinus*



Anagallis arvensis  
Anagallis foemina  
Anaphalis margaritacea  
Anchusa azurea  
Anchusa ochroleuca  
Anchusa officinalis  
Androsace maxima  
Andryala arenaria  
Anethum graveolens  
Anisantha diandra  
Anisantha fasciculata  
Anisantha madritensis  
Anisantha rigida  
Anisantha rubens  
Anisantha sterilis  
Anisantha tectorum  
Anredera cordifolia  
Anthemis arvensis  
Anthemis cotula  
Anthoxanthum amarum  
Anthriscus caucalis  
Anthriscus cerefolium  
Anthriscus sylvestris  
Arctium lappa  
Arctium minus  
Arctotheca calendula  
Arenaria cerastioides  
Arenaria hispanica  
Armoracia rusticana  
Artemisia abrotanum  
Artemisia absinthium  
Artemisia annua  
Artemisia biennis  
Artemisia dracunculus  
Artemisia scoparia  
Artemisia verlotiorum  
Artemisia vulgaris  
Arum italicum  
Asparagus asparagoides  
Asperugo procumbens  
Asphodelus albus  
Asphodelus fistulosus  
Asphodelus lusitanicus  
Asphodelus macrocarpus  
Astragalus hamosus  
Astragalus longidentatus  
Atriplex hortensis

Atriplex micrantha  
Atriplex oblongifolia  
Atriplex patula  
Atriplex rosea  
Atriplex sagittata  
Atriplex tatarica  
Avena barbata  
Avena fatua  
Avena longiglumis  
Avena nuda  
Avena sativa  
Avena sterilis  
Avena strigosa  
Axyris amaranthoides  
Ballota nigra  
Barbarea bracteosa  
Barbarea stricta  
Bassia hyssopifolia  
Bellardia trixago  
Berteroa incana  
Bidens bipinnatus  
Bidens subalternans  
Biscutella auriculata  
Blitum bonus-henricus  
Blitum capitatum  
Blitum petiolare  
Blitum virgatum  
Bonannia graeca  
Bongardia chrysogonum  
Borago officinalis  
Bowlesia glandulosa  
Brassica barrelieri  
Brassica elongata  
Brassica fruticulosa  
Brassica geniculata  
Brassica nigra  
Brassica oxyrrhina  
Brassica tournefortii  
Bromopsis inermis  
Bromus hordeaceus  
Bromus intermedius  
Bromus japonicus  
Bromus lanceolatus  
Bromus lepidus  
Bromus scoparius  
Bromus squarrosus  
Bryonia alba

Bryonia dioica  
Buglossoides arvensis  
Buglossoides incrassata  
Bunias erucago  
Bunias orientalis  
Bunium bulbocastanum  
Bunium ferulaceum  
Bunium pachypodium  
Bupleurum lancifolium  
Bupleurum subovatum  
Calamagrostis epigejos  
Calendula arvensis  
Calendula officinalis  
Calendula tripterocarpa  
Calepina irregularis  
Callistephus chinensis  
Calystegia pulchra  
Calystegia silvatica  
Campanula ramosissima  
Cannabis sativa  
Capsella bursa-pastoris  
Capsella grandiflora  
Capsella rubella  
Cardamine hirsuta  
Cardiospermum grandiflorum  
Carduus acanthoides  
Carduus argyrea  
Carduus asturicus  
Carduus bourgeanus  
Carduus candicans  
Carduus carpetanus  
Carduus crispus  
Carduus hamulosus  
Carduus litigiosus  
Carduus meoanthus  
Carduus nigrescens  
Carduus nutans  
Carduus pycnocephalus  
Carduus tenuiflorus  
Carlina corymbosa  
Carlina lanata  
Carpesium abrotanoides  
Carpesium cernuum  
Carrichtera annua  
Carthamus caeruleus  
Carthamus lanatus  
Carthamus tinctorius

Catananche lutea  
Catapodium rigidum  
Centaurea aspera  
Centaurea benedicta  
Centaurea calcitrapa  
Centaurea collina  
Centaurea diffusa  
Centaurea iberica  
Centaurea lagascana  
Centaurea melitensis  
Centaurea pullata  
Centaurea salonitana  
Centaurea solstitialis  
Centranthus calcitrapae  
Centranthus macrosiphon  
Cephalaria transsylvanica  
Cerastium dichotomum  
Cerastium glomeratum  
Cerastium gracile  
Cerastium nemorale  
Cerastium perfoliatum  
Ceratocapnos claviculata  
Ceratocapnos heterocarpa  
Ceratocephala falcata  
Cerinthe glabra  
Cerinthe gymnandra  
Cerinthe major  
Cerinthe minor  
Cerinthe retorta  
Chaerophyllum aromaticum  
Chaerophyllum aureum  
Chaerophyllum nodosum  
Chaerophyllum temulum  
Chaiturus marrubiastrum  
Chamaemelum fuscum  
Chelidonium majus  
Chenopodiastrum hybridum  
Chenopodiastrum murale  
Chenopodium album  
Chenopodium giganteum  
Chenopodium opulifolium  
Chenopodium probstii  
Chenopodium strictum  
Chenopodium suecicum  
Chenopodium vulvaria  
Chondrilla juncea  
Cichorium intybus

Cichorium pumilum  
Cirsium arvense  
Cirsium boujartii  
Cirsium decussatum  
Cirsium echinatum  
Cirsium eriophorum  
Cirsium ferox  
Cirsium furiens  
Cirsium italicum  
Cirsium morisianum  
Cirsium odontolepis  
Cirsium richterianum  
Cirsium scabrum  
Cirsium spathulatum  
Cirsium vallis-demonis  
Cirsium vulgare  
Cladanthus mixtus  
Claytonia perfoliata  
Clematis tangutica  
Cleome dodecandra  
Cleome hassleriana  
Cleome violacea  
Clinopodium graveolens  
Coincya monensis  
Coincya transtagana  
Coleostephus myconis  
Collomia grandiflora  
Collomia linearis  
Commelina communis  
Conium maculatum  
Consolida regalis  
Convolvulus arvensis  
Convolvulus meonanthus  
Convolvulus tricolor  
Coronilla scorpioides  
Corydalis capnoides  
Cota altissima  
Cota tinctoria  
Crepis bursifolia  
Crepis foetida  
Crepis pulchra  
Crepis sancta  
Crepis setosa  
Crepis tectorum  
Crepis vesicaria  
Crepis zacintha  
Cruciata laevipes

Cryptotaenia thomasii  
Cuscuta europaea  
Cuscuta gronovii  
Cuscuta scandens  
Cyclanthera pedata  
Cynanchum acutum  
Cynara algarbiensis  
Cynara baetica  
Cynara cardunculus  
Cynara humilis  
Cynoglossum cheirifolium  
Cynoglossum columnae  
Cynoglossum creticum  
Cynoglossum dioscoridis  
Cynoglossum nebrodense  
Cynoglossum officinale  
Cyperus esculentus  
Cyperus rotundus  
Dasypyrum villosum  
Datura metel  
Datura stramonium  
Daucus carota  
Daucus guttatus  
Daucus muricatus  
Delphinium pentagynum  
Descurainia sophia  
Diplotaxis harra  
Diplotaxis siifolia  
Diplotaxis viminea  
Diplotaxis virgata  
Dipsacus fullonum  
Dipsacus laciniatus  
Dipsacus pilosus  
Dittrichia graveolens  
Dittrichia viscosa  
Drabella muralis  
Dracocephalum thymiflorum  
Ecballium elaterium  
Echinaria capitata  
Echinops bannaticus  
Echinops exaltatus  
Echinops sphaerocephalus  
Echinops strigosus  
Echium asperrimum  
Echium boissieri  
Echium italicum  
Echium plantagineum

Echium rosulatum  
Echium salmanticum  
Echium tuberculatum  
Echium vulgare  
Elytrigia intermedia  
Elytrigia obtusiflora  
Elytrigia repens  
Emex spinosa  
Epilobium brachycarpum  
Epilobium ciliatum  
Epilobium hirsutum  
Epilobium parviflorum  
Epilobium tetragonum  
Equisetum arvense  
Erechtites hieraciifolius  
Erigeron acris  
Erigeron annuus  
Erigeron bonariensis  
Erigeron primulifolius  
Erigeron sumatrensis  
Erodium chium  
Erodium ciconium  
Erodium cicutarium  
Erodium malacoides  
Erodium moschatum  
Erodium neuradifolium  
Eruca vesicaria  
Erucastrium gallicum  
Erucastrium nasturtiifolium  
Eryngium creticum  
Erysimum cheiranthoides  
Erysimum graecum  
Erysimum hieracifolium  
Erysimum repandum  
Eschscholzia californica  
Euphorbia esula  
Euphorbia illirica  
Euphorbia peplus  
Euphorbia serrata  
Euphorbia stricta  
Euthamia graminifolia  
Falcaria vulgaris  
Fallopia baldschuanica  
Fallopia dumetorum  
Fedia cornucopiae  
Fedia graciliflora  
Fedia scorpioides

Filago arvensis  
Filago pyramidata  
Foeniculum vulgare  
Fumaria barnolae  
Fumaria bastardii  
Fumaria bicolor  
Fumaria capreolata  
Fumaria densiflora  
Fumaria faurei  
Fumaria flabellata  
Fumaria gaillardotii  
Fumaria kralikii  
Fumaria macrocarpa  
Fumaria macrosepala  
Fumaria mirabilis  
Fumaria muralis  
Fumaria officinalis  
Fumaria parviflora  
Fumaria petteri  
Fumaria rostellata  
Fumaria schleicheri  
Fumaria sepium  
Fumaria vaillantii  
Galactites duriaei  
Galactites tomentosus  
Galeopsis bifida  
Galeopsis pubescens  
Galeopsis speciosa  
Galeopsis tetrahit  
Galium aparine  
Galium lucidum  
Galium minutulum  
Galium murale  
Galium parisiense  
Galium spurium  
Galium tricornutum  
Galium verrucosum  
Galium verticillatum  
Gastridium phleoides  
Gastridium ventricosum  
Geranium bohemicum  
Geranium columbinum  
Geranium dissectum  
Geranium lucidum  
Geranium molle  
Geranium purpureum  
Geranium pusillum



Geranium pyrenaicum  
Geranium robertianum  
Geranium rotundifolium  
Geranium sibiricum  
Geranium tuberosum  
Geranium yeoi  
Geropogon hybridus  
Geum aleppicum  
Geum urbanum  
Gladiolus italicus  
Glebionis coronaria  
Glebionis segetum  
Glossopappus macrotus  
Guiraoa arvensis  
Hackelia deflexa  
Halogeton sativus  
Hedypnois rhagadioloides  
Helianthus decapetalus  
Helianthus giganteus  
Helianthus pauciflorus  
Helianthus tuberosus  
Helminthotheca echioides  
Heracleum mantegazzianum  
Heracleum sphondylium  
Herniaria lusitanica  
Hesperis matronalis  
Hordeum jubatum  
Hordeum murinum  
Humulus japonicus  
Humulus lupulus  
Hyoscyamus albus  
Hyoscyamus niger  
Hypecoum imberbe  
Hypecoum pendulum  
Hypecoum procumbens  
Hypericum triquetrifolium  
Iberis amara  
Iberis pinnata  
Iberis umbellata  
Impatiens balfourii  
Impatiens glandulifera  
Impatiens parviflora  
Inula helenium  
Inula helvetica  
Ipomoea sagittata  
Isatis praecox  
Isatis tinctoria

Iva xanthiifolia  
Jacobaea erucifolia  
Kickxia lanigera  
Kickxia spuria  
Knautia integrifolia  
Kundmannia sicula  
Lactuca macrophylla  
Lactuca muralis  
Lactuca saligna  
Lactuca sativa  
Lactuca serriola  
Lactuca tatarica  
Lactuca virosa  
Lagurus ovatus  
Lamium album  
Lamium purpureum  
Lamyropsis cynaroides  
Lappula heteracantha  
Lappula squarrosa  
Lapsana communis  
Lathyrus angulatus  
Lathyrus annuus  
Lathyrus aphaca  
Lathyrus cicera  
Lathyrus clymenum  
Lathyrus hirsutus  
Lathyrus inconspicuus  
Lathyrus nissolia  
Lathyrus ochrus  
Lathyrus odoratus  
Lathyrus sativus  
Lathyrus setifolius  
Lathyrus sphaericus  
Launaea nudicaulis  
Legousia hybrida  
Legousia scabra  
Legousia speculum-veneris  
Leontice leontopetalum  
Leontodon maroccanus  
Leonurus cardiaca  
Lepidium campestre  
Lepidium draba  
Lepidium hirtum  
Linaria amethystea  
Linaria chalepensis  
Linaria hirta  
Linaria latifolia

Linaria micrantha  
Linaria nivea  
Linaria orbensis  
Linaria peloponnesiaca  
Linaria ricardoi  
Linaria triphylla  
Linaria viscosa  
Linaria vulgaris  
Lobularia libyca  
Lolium subulatum  
Lotus edulis  
Lotus ornithopodioides  
Lotus tetragonolobus  
Lunaria annua  
Magydaris panacifolia  
Malope malacoides  
Malope trifida  
Malva aegyptia  
Malva alcea  
Malva cretica  
Malva durieui  
Malva empedoclis  
Malva hispanica  
Malva lusitanica  
Malva moschata  
Malva multiflora  
Malva neglecta  
Malva nicaeensis  
Malva parviflora  
Malva pusilla  
Malva setigera  
Malva sylvestris  
Malva thuringiaca  
Malva trimestris  
Malva verticillata  
Mandragora officinarum  
Mantisalca salmantica  
Marrubium incanum  
Marrubium peregrinum  
Marrubium vulgare  
Matricaria chamomilla  
Matthiola lunata  
Matthiola parviflora  
Mauranthemum paludosum  
Medicago arabica  
Medicago intertexta  
Medicago lupulina

Medicago monspeliaca  
Medicago murex  
Medicago orbicularis  
Medicago polyceratia  
Medicago polymorpha  
Medicago rigidula  
Medicago sativa  
Medicago scutellata  
Medicago tornata  
Medicago truncatula  
Melica transsilvanica  
Melilotus albus  
Melilotus altissima  
Melilotus elegans  
Melilotus indicus  
Melilotus infestus  
Melilotus italicus  
Melilotus neapolitanus  
Melilotus officinalis  
Melilotus segetalis  
Melilotus sulcatus  
Melissa officinalis  
Mentha spicata  
Mercurialis elliptica  
Mercurialis reverchonii  
Microrrhinum minus  
Misopates calycinum  
Misopates orontium  
Mollugo cerviana  
Moricandia arvensis  
Moricandia moricandioides  
Muhlenbergia schreberi  
Muscari armeniacum  
Muscari commutatum  
Myosotis decumbens  
Myosotis persoonii  
Myosotis speluncicola  
Nepeta apuleii  
Nepeta cataria  
Nepeta latifolia  
Nicandra physalodes  
Nigella arvensis  
Nigella damascena  
Nigella hispanica  
Nigella orientalis  
Nigella papillosa  
Noccaea perfoliata

Nonea erecta  
Nonea lutea  
Nonea vesicaria  
Notobasis syriaca  
Odontites vernus  
Odontites vulgaris  
Oenothera ammophila  
Oenothera angustissima  
Oenothera biennis  
Oenothera canovirens  
Oenothera deflexa  
Oenothera depressa  
Oenothera fallax  
Oenothera glazioviana  
Oenothera issleri  
Oenothera oakesiana  
Oenothera oehlkersii  
Oenothera parviflora  
Oenothera perangusta  
Oenothera pycnocarpa  
Oenothera rosea  
Oenothera rubricaulis  
Oenothera silesiaca  
Oenothera suaveolens  
Oenothera subterminalis  
Oenothera victorini  
Oenothera villosa  
Omphalodes kuzinskyanae  
Ononis alopecuroides  
Ononis pinnata  
Onopordum acanthium  
Onopordum acaulon  
Onopordum carduelium  
Onopordum corymbosum  
Onopordum dissectum  
Onopordum horridum  
Onopordum illyricum  
Onopordum macracanthum  
Onopordum nervosum  
Onopordum tauricum  
Opopanax chironium  
Orlaya daucoides  
Orlaya grandiflora  
Ornithogalum arabicum  
Ornithogalum divergens  
Ornithogalum nutans  
Ornithogalum pyramidale

Orobanche artemisiae-campestris  
Orobanche crenata  
Otospermum glabrum  
Oxalis articulata  
Oxalis pes-caprae  
Oxybasis urbica  
Papaver apulum  
Papaver pinnatifidum  
Papaver setigerum  
Parentucellia viscosa  
Parietaria debilis  
Parietaria judaica  
Parietaria lusitanica  
Parietaria mauritanica  
Parietaria officinalis  
Parvotrisetum myrianthum  
Patellifolia procumbens  
Peltaria alliacea  
Pentaglottis sempervirens  
Persicaria wallichii  
Petagnaea gussonei  
Petasites pyrenaicus  
Phacelia tanacetifolia  
Phalaris brachystachys  
Phalaris canariensis  
Phalaris minor  
Phalaris paradoxa  
Phelipanche mutellii  
Phelipanche ramosa  
Phleum paniculatum  
Phygellus capensis  
Physalis alkekengi  
Phyteuma persicifolium  
Phytolacca acinosa  
Phytolacca americana  
Picnemon acarna  
Picris hieracioides  
Pimpinella anisum  
Pimpinella bicknellii  
Piptatherum miliaceum  
Plantago afra  
Plantago lagopus  
Plantago ovata  
Platycapnos spicata  
Poa compressa  
Potentilla argentea  
Potentilla multifida

*Pulicaria arabica*  
*Pulicaria dysenterica*  
*Ranunculus chius*  
*Ranunculus muricatus*  
*Ranunculus parviflorus*  
*Ranunculus trilobus*  
*Raphanus raphanistrum*  
*Rapistrum perenne*  
*Rapistrum rugosum*  
*Reichardia gaditana*  
*Reichardia intermedia*  
*Reichardia picroides*  
*Reichardia tingitana*  
*Reseda alba*  
*Reseda barrelieri*  
*Reseda lanceolata*  
*Reseda lutea*  
*Reseda luteola*  
*Reseda phyteuma*  
*Reseda stricta*  
*Reseda suffruticosa*  
*Reseda undata*  
*Reynoutria japonica*  
*Reynoutria sachalinensis*  
*Rhagadiolus stellatus*  
*Rodgersia podophylla*  
*Rostraria cristata*  
*Rostraria salzmannii*  
*Rubia tinctorium*  
*Rudbeckia hirta*  
*Rudbeckia laciniata*  
*Rumex alpinus*  
*Rumex aquitanicus*  
*Rumex intermedius*  
*Rumex kernerii*  
*Rumex longifolius*  
*Rumex nepalensis*  
*Rumex obtusifolius*  
*Rumex patientia*  
*Rumex pulcher*  
*Salpichroa organifolia*  
*Salsola tragus*  
*Salvia argentea*  
*Salvia nemorosa*  
*Salvia sclarea*  
*Salvia verbenaca*  
*Salvia viridis*

Saponaria glutinosa  
Saponaria officinalis  
Scandix australis  
Scandix pecten-veneris  
Scandix stellata  
Scolymus grandiflorus  
Scolymus hispanicus  
Scolymus maculatus  
Scorpiurus muricatus  
Scorpiurus vermiculatus  
Scorzoneroides salzmannii  
Scrophularia auriculata  
Scrophularia grandiflora  
Scrophularia herminii  
Scrophularia peregrina  
Securigera cretica  
Senecio gallicus  
Senecio inaequidens  
Senecio lividus  
Senecio sylvaticus  
Senecio vulgaris  
Sida spinosa  
Silene apetala  
Silene baccifera  
Silene chalcedonica  
Silene conoidea  
Silene dichotoma  
Silene disticha  
Silene exaltata  
Silene fuscata  
Silene gallica  
Silene gracilis  
Silene latifolia  
Silene longipetala  
Silene muscipula  
Silene noctiflora  
Silene nocturna  
Silene pendula  
Silene rubella  
Silene scabriflora  
Silene sennenii  
Silene stricta  
Silene tridentata  
Silene vulgaris  
Silybum eburneum  
Silybum marianum  
Sinapis alba



Sinapis arvensis  
Sinapis flexuosa  
Sinapis pubescens  
Sison amomum  
Sisymbrium altissimum  
Sisymbrium austriacum  
Sisymbrium crassifolium  
Sisymbrium erysimoides  
Sisymbrium fugax  
Sisymbrium irio  
Sisymbrium loeselii  
Sisymbrium macroloma  
Sisymbrium officinale  
Sisymbrium orientale  
Sisymbrium polyceratium  
Sisymbrium runcinatum  
Sisymbrium strictissimum  
Sisymbrium volgense  
Sixalix atropurpurea  
Smyrnum olusatrum  
Solanum alatum  
Solanum americanum  
Solanum carolinense  
Solanum chenopodioides  
Solanum decipiens  
Solanum mauritianum  
Solanum nigrum  
Solanum physalifolium  
Solanum rostratum  
Solanum sarrachoides  
Solanum villosum  
Solenanthus apenninus  
Solidago canadensis  
Solidago gigantea  
Sonchus arvensis  
Sonchus asper  
Sonchus oleraceus  
Sonchus tenerrimus  
Spergularia bocconeii  
Spergularia nicaeensis  
Spergularia purpurea  
Spergularia segetalis  
Stachys byzantina  
Stachys circinata  
Stachys cretica  
Stachys ocymastrum  
Staphisagria macrosperma

Staphisagria picta  
Stellaria apetala  
Stellaria media  
Stellaria neglecta  
Strigosella africana  
Succowia balearica  
Sulla capitata  
Sulla coronaria  
Symphyotrichum ciliatum  
Symphyotrichum laeve  
Symphyotrichum lanceolatum  
Symphyotrichum novae-angliae  
Symphyotrichum novi-belgii  
Symphyotrichum parviflorum  
Symphyotrichum pilosum  
Symphyotrichum salignum  
Symphyotrichum squamatum  
Symphyotrichum versicolor  
Symphytum asperum  
Symphytum officinale  
Taeniatherum caput-medusae  
Tanacetum balsamita  
Tanacetum parthenium  
Tanacetum vulgare  
Teesdalia coronopifolia  
Tellima grandiflora  
Tetragonia tetragonoides  
Teucrium spinosum  
Theligonum cynocrambe  
Thladiantha dubia  
Thlaspi alliaceum  
Thymelaea passerina  
Tordylium apulum  
Tordylium maximum  
Torilis africana  
Torilis arvensis  
Torilis elongata  
Torilis japonica  
Torilis leptophylla  
Torilis nodosa  
Tradescantia virginiana  
Tragopogon dubius  
Trifolium affine  
Trifolium angustifolium  
Trifolium argutum  
Trifolium cherleri  
Trifolium clusii

Trifolium clypeatum  
Trifolium constantinopolitanum  
Trifolium dasyurum  
Trifolium diffusum  
Trifolium dubium  
Trifolium echinatum  
Trifolium glomeratum  
Trifolium grandiflorum  
Trifolium hirtum  
Trifolium michelianum  
Trifolium mutabile  
Trifolium neglectum  
Trifolium nigrescens  
Trifolium patens  
Trifolium pauciflorum  
Trifolium pilulare  
Trifolium spumosum  
Trifolium tomentosum  
Trifolium uniflorum  
Trifolium vesiculosum  
Trigonella caerulea  
Trigonella esculenta  
Trigonella foenum-graecum  
Triguera osbeckii  
Tripleurospermum inodorum  
Trisetaria ovata  
Trisetaria panicea  
Tropaeolum majus  
Tulipa agenensis  
Tulipa clusiana  
Tulipa orphanidea  
Tulipa sylvestris  
Tulipa undulatifolia  
Turgenia latifolia  
Tussilago farfara  
Tyrimnus leucographus  
Urospermum dalechampii  
Urospermum picroides  
Urtica dioica  
Urtica membranacea  
Urtica pilulifera  
Urtica stachyoides  
Urtica urens  
Vaccaria hispanica  
Valantia muralis  
Valerianella carinata  
Valerianella coronata

Valerianella discoidea  
Valerianella echinata  
Valerianella locusta  
Valerianella martinii  
Valerianella microcarpa  
Valerianella rimosa  
Verbascum alpinum  
Verbascum blattaria  
Verbascum boerhavii  
Verbascum densiflorum  
Verbascum giganteum  
Verbascum litigiosum  
Verbascum macrurum  
Verbascum phlomooides  
Verbascum pulverulentum  
Verbascum rotundifolium  
Verbascum sinuatum  
Verbascum speciosum  
Verbascum thapsus  
Verbascum virgatum  
Verbena bonariensis  
Veronica cymbalaria  
Veronica glauca  
Vicia articulata  
Vicia benghalensis  
Vicia bithynica  
Vicia ervilia  
Vicia hybrida  
Vicia lutea  
Vicia microphylla  
Vicia monantha  
Vicia parviflora  
Vicia peregrina  
Vicia sativa  
Vicia serratifolia  
Vicia sibthorpii  
Vicia sicula  
Vicia villosa  
Vinca major  
Viola odorata  
Vogtia annua  
Vogtia microphylla  
Volutaria lippii  
Vulpia alopecuros  
Vulpia ciliata  
Vulpia geniculata  
Vulpiella stipoides

Xanthium spinosum  
Xanthium strumarium  
Xeranthemum annuum

##D +04 Acidophilous-forest-species

Avenella flexuosa  
Blechnum spicant  
Calamagrostis villosa  
Calluna vulgaris  
Carex pilulifera  
Ceratocarpus claviculata  
Dicranum majus  
Dicranum scoparium  
Galium saxatile  
Holcus mollis  
Huperzia selago  
Hypericum pulchrum  
Ilex aquifolium  
Leucobryum glaucum  
Lonicera periclymenum  
Luzula luzuloides  
Luzula nivea  
Luzula pilosa  
Luzula sylvatica  
Maianthemum bifolium  
Melampyrum pratense  
Melampyrum sylvaticum  
Mnium hornum  
Poa chaixii  
Pteridium aquilinum  
Pyrola minor  
Teucrium scorodonia  
Trientalis europaea  
Vaccinium myrtillus  
Vaccinium vitis-idaea  
Veronica officinalis

##D +04 Eutrophic-deciduous-forest-species

Aconitum lycoctonum  
Actaea spicata  
Adoxa moschatellina  
Alliaria petiolata  
Allium cyrilli  
Allium ursinum  
Anemone apennina  
Anemone nemorosa  
Anemone ranunculoides

Anemone trifolia  
Anthriscus nitida  
Aposeris foetida  
Aquilegia vulgaris  
Arabis sagittata  
Aremonia agrimonoides  
Arum cylindraceum  
Arum elongatum  
Arum maculatum  
Arum orientale  
Aruncus dioicus  
Asarum europaeum  
Asperula cymulosa  
Asperula involucrata  
Asperula taurina  
Astrantia carniolica  
Astrantia major  
Brachypodium sylvaticum  
Bromopsis ramosa aggr.  
Calamintha grandiflora  
Campanula persicifolia  
Campanula rapunculoides  
Campanula trachelium  
Cardamine bulbifera  
Cardamine enneaphyllos  
Cardamine flexuosa  
Cardamine glanduligera  
Cardamine heptaphylla  
Cardamine impatiens  
Cardamine kitaibelii  
Cardamine pentaphyllos  
Cardamine polyphylla  
Cardamine quinquefolia  
Cardamine trifolia  
Cardamine waldsteinii  
Carex alba  
Carex digitata  
Carex pilosa  
Carpesium cernuum  
Cephalanthera damasonium  
Cephalanthera longifolia  
Cephalanthera rubra  
Clinopodium umbrosum  
Convallaria majalis  
Corallorrhiza trifida  
Corydalis cava  
Corydalis fabacea

Corydalis intermedia  
Corydalis paczoskii  
Corydalis pumila  
Corydalis solida  
Cruciata glabra  
Cyclamen coum  
Cyclamen purpurascens  
Daphne mezereum  
Digitalis schischkinii  
Drymochloa drymeja  
Drymochloa drymeja subsp. exaltata  
Drymochloa sylvatica  
Dryopteris filix-mas  
Epimedium alpinum  
Epimedium pinnatum subsp. colchicum  
Epimedium pubigerum  
Epipactis helleborine  
Erythronium dens-canis  
Euonymus europaeus  
Euonymus latifolius  
Euonymus verrucosus  
Euphorbia amygdaloides  
Euphorbia carniolica  
Euphorbia dulcis  
Euphorbia squamosa  
Fragaria moschata  
Gagea lutea  
Gagea minima  
Galium aristatum  
Galium intermedium  
Galium odoratum  
Galium paschale  
Galium pseudaristatum  
Galium sylvaticum  
Geranium gracile  
Geranium macrorrhizum  
Geranium phaeum  
Geranium robertianum  
Geranium versicolor  
Geum urbanum  
Glechoma hirsuta  
Hacquetia epipactis  
Hedera colchica  
Hedera helix  
Hedera pastuchowii  
Helleborus dumetorum  
Helleborus foetidus

Helleborus niger  
Helleborus odorus  
Helleborus orientalis  
Helleborus purpurascens  
Hepatica nobilis  
Hepatica transsilvanica  
Heracleum sphondylium  
Hesperis matronalis  
Hesperis sylvestris  
Hordelymus europaeus  
Hyacinthoides non-scripta  
Hypericum androsaemum  
Hypericum calycinum  
Hypericum hirsutum  
Hypericum xylosteifolium  
Isopyrum thalictroides  
Knautia drymeia  
Lamium galeobdolon  
Lamium maculatum  
Lamium orvala  
Lathraea squamaria  
Lathyrus aureus  
Lathyrus laxiflorus  
Lathyrus niger  
Lathyrus roseus  
Lathyrus venetus  
Lathyrus vernus  
Lilium martagon  
Lonicera alpigena  
Lonicera nigra  
Lonicera xylosteum  
Lunaria rediviva  
Lysimachia nemorum  
Melampyrum nemorosum  
Melica nutans  
Melica uniflora  
Melittis melissophyllum  
Mercurialis perennis  
Miliium effusum  
Moehringia trinervia  
Neottia nidus-avis  
Omphalodes cappadocica  
Omphalodes nitida  
Omphalodes scorpioides  
Omphalodes verna  
Orobanche hederaceae  
Orobanche salviae



*Paeonia daurica*  
*Paris quadrifolia*  
*Physospermum verticillatum*  
*Phyteuma spicatum*  
*Pimpinella tripartita*  
*Polygonatum hirtum*  
*Polygonatum multiflorum*  
*Polygonatum orientale*  
*Potentilla sterilis*  
*Prenanthes purpurea*  
*Primula acaulis*  
*Primula elatior*  
*Primula megaseifolia*  
*Pseudostellaria europaea*  
*Pseudoturritis turrita*  
*Pulmonaria affinis*  
*Pulmonaria apennina*  
*Pulmonaria dacica*  
*Pulmonaria longifolia*  
*Pulmonaria montana*  
*Pulmonaria obscura*  
*Pulmonaria officinalis*  
*Pulmonaria rubra*  
*Pulmonaria stiriaca*  
*Ranunculus lanuginosus*  
*Ranunculus villosus* subsp. *constantinopolitanus*  
*Ribes alpinum*  
*Ribes uva-crispa*  
*Rosa arvensis*  
*Ruscus colchicus*  
*Ruscus hypoglossum*  
*Ruscus hypophyllum*  
*Salvia glutinosa*  
*Sanicula europaea*  
*Saxifraga hirsuta*  
*Saxifraga rotundifolia*  
*Scilla bifolia*  
*Scilla sibirica*  
*Scopolia carniolica*  
*Scrophularia vernalis*  
*Silene dioica*  
*Smilax excelsa*  
*Stellaria holostea*  
*Symphytum cordatum*  
*Symphytum grandiflorum*  
*Symphytum tauricum*  
*Symphytum tuberosum* aggr.

Teucrium siculum  
Trachystemon orientalis  
Veronica montana  
Veronica peduncularis  
Veronica urticifolia  
Vicia oroboides  
Vicia sepium  
Vinca minor  
Viola alba  
Viola collina  
Viola mirabilis  
Viola reichenbachiana  
Viola reichenbachiana x riviniana  
Viola riviniana  
Viola sieheana  
Waldsteinia geoides  
Waldsteinia ternata

##D +04 Thermophilous-oak-forest-species

Acer tataricum  
Aegonychon purpurocaeruleum  
Anemone sylvestris  
Brachypodium pinnatum  
Brachypodium rupestre  
Buxus sempervirens  
Campanula bononiensis  
Carex fritschii  
Carex halleriana  
Carex michelii  
Clinopodium vulgare  
Colutea arborescens  
Cornus mas  
Cotinus coggygria  
Dictamnus albus  
Euphorbia epithymoides  
Geranium sanguineum  
Hypericum montanum  
Inula hirta  
Jasminum fruticans  
Laserpitium latifolium  
Lathyrus niger  
Lathyrus venetus  
Lonicera caprifolium  
Lonicera etrusca  
Luzula forsteri  
Melittis melissophyllum  
Mercurialis ovata

Orchis purpurea  
Piptatherum virescens  
Potentilla alba  
Potentilla micrantha  
Primula veris  
Prunus mahaleb  
Pulmonaria angustifolia  
Pulmonaria mollis  
Pyrus nivalis  
Pyrus spinosa  
Ruscus aculeatus  
Scutellaria altissima  
Stachys officinalis  
Syringa vulgaris  
Tanacetum corymbosum  
Teucrium chamaedrys  
Viburnum lantana  
Vincetoxicum hirundinaria  
Viola alba  
Viola hirta

##D +10 ClC2-Surface-waters

Aldrovanda vesiculosa  
Alisma gramineum  
Althenia filiformis  
Althenia orientalis  
Aneura pinguis  
Antinoria agrostidea  
Aristavena setacea  
Azolla caroliniana  
Azolla cristata  
Azolla filiculoides  
Azolla species  
Baldellia alpestris  
Baldellia ranunculoides  
Botrydium granulatum  
Callitriche brutia  
Callitriche cophocarpa  
Callitriche cribosa  
Callitriche hamulata  
Callitriche hermaphroditica  
Callitriche lenisulca  
Callitriche lusitanica  
Callitriche obtusangula  
Callitriche palustris  
Callitriche platycarpa  
Callitriche pulchra

Callitriche regis-jubae  
Callitriche stagnalis  
Callitriche truncata  
Callitriche truncata subsp. fimbriata  
Ceramium arachnoideum  
Ceramium rubrum  
Ceratophyllum demersum  
Ceratophyllum species  
Ceratophyllum submersum  
Chaetophora incrassata  
Chara aculeolata  
Chara aspera  
Chara baltica  
Chara braunii  
Chara canescens  
Chara connivens  
Chara contraria  
Chara delicatula  
Chara filiformis  
Chara foetida  
Chara fragifera  
Chara galioides  
Chara globularis  
Chara gymnophylla  
Chara hispida  
Chara horrida  
Chara intermedia  
Chara jubata  
Chara muscosa  
Chara pedunculata  
Chara rudis  
Chara species  
Chara tenuispina  
Chara tomentosa  
Chara virgata  
Chara vulgaris  
Characeae species  
Chiloscyphus polyanthos  
Cladophora fracta  
Cladophora glomerata  
Cladophora rivularis  
Cladophora species  
Cladopodiella fluitans  
Hygrohypnum smithii  
Hygrohypnum ochraceum  
Hygrohypnum luridum  
Hygroamblystegium tenax

Hygroamblystegium fluviatile  
Hydrodictyon reticulatum  
Hydrocotyle vulgaris  
Hydrocotyle ranunculoides  
Hydrocharis morsus-ranae  
Hottonia palustris  
Heteranthera reniformis  
Groenlandia densa  
Fucus vesiculosus  
Fucus serratus  
Fontinalis squamosa  
Fontinalis species  
Fontinalis hypnoides  
Fontinalis dalecarlica  
Eriocaulon aquaticum  
Enteromorpha prolifera  
Enteromorpha intestinalis  
Enterographa species  
Elodea species  
Elodea nuttallii  
Elodea canadensis  
Elodea callitrichoides  
Eichhornia crassipes  
Egeria densa  
Drepanocladus aduncus  
Isoetes boryana  
Isoetes echinospora  
Isoetes lacustris  
Isoetes longissima  
Isoetes malinverniana  
Isoetes setacea  
Isoetes velata  
Isolepis fluitans  
Juncus bulbosus  
Juncus emmanuelis  
Juncus heterophyllus  
Lagarosiphon major  
Landoltia punctata  
Lemna aequinoctialis  
Lemna gibba  
Lemna minor  
Lemna minuta  
Lemna perpusilla  
Lemna species  
Lemna trisulca  
Lemna turionifera  
Lemna valdiviana

*Limnophila indica*  
*Lobelia dortmanna*  
*Ludwigia grandiflora*  
*Ludwigia repens*  
*Luronium natans*  
*Lycopodiella inundata*  
*Marsilea quadrifolia*  
*Marsilea species*  
*Marsilea strigosa*  
*Myriophyllum alterniflorum*  
*Myriophyllum aquaticum*  
*Myriophyllum heterophyllum*  
*Myriophyllum species*  
*Myriophyllum spicatum*  
*Myriophyllum verticillatum*  
*Najas flexilis*  
*Najas gracillima*  
*Najas marina*  
*Najas minor*  
*Nelumbo nucifera*  
*Nitella capillaris*  
*Nitella flexilis*  
*Nitella gracilis*  
*Nitella hyalina*  
*Nitella mucronata*  
*Nitella opaca*  
*Nitella species*  
*Nitella syncarpa*  
*Nitella translucens*  
*Nitellopsis obtusa*  
*Nuphar lutea*  
*Nuphar pumila*  
*Nuphar species*  
*Nuphar x spenneriana*  
*Nymphaea alba*  
*Nymphaea candida*  
*Nymphaea lotus*  
*Nymphaea species*  
*Nymphaea tetragona*  
*Nymphoides peltata*  
*Oenanthe fluviatilis*  
*Palmogloea protuberans*  
*Pilularia globulifera*  
*Pilularia minuta*  
*Pistia stratiotes*  
*Plantago uniflora*  
*Potamogeton acutifolius*

Potamogeton alpinus  
Potamogeton antaicus  
Potamogeton berchtoldii  
Potamogeton coloratus  
Potamogeton compressus  
Potamogeton crispus  
Potamogeton epihydrus  
Potamogeton friesii  
Potamogeton gramineus  
Potamogeton lucens  
Potamogeton lucens x perfoliatus  
Potamogeton natans  
Potamogeton nodosus  
Potamogeton obtusifolius  
Potamogeton perfoliatus  
Potamogeton polygonifolius  
Potamogeton praelongus  
Potamogeton pusillus  
Potamogeton pusillus aggr.  
Potamogeton rutilus  
Potamogeton schweinfurthii  
Potamogeton species  
Potamogeton trichoides  
Potamogeton x fluitans  
Potamogeton x nitens  
Potamogeton x sparganifolius  
Potamogeton x variifolius  
Potamogeton x zizii  
Potamogeton Xzizii  
Ranunculus aquatilis  
Ranunculus circinatus  
Ranunculus flammula  
Ranunculus fluitans  
Ranunculus hederaceus  
Ranunculus ololeucos  
Ranunculus omiophyllus  
Ranunculus peltatus  
Ranunculus peltatus subsp. baudotii  
Ranunculus penicillatus  
Ranunculus polyphyllus  
Ranunculus reptans  
Ranunculus rionii  
Ranunculus trichophyllus  
Ranunculus tripartitus  
Rhynchosstegium riparioides  
Riccia fluitans  
Riccia rhenana

Ricciocarpos natans  
Rivularia atra  
Ruppia cirrhosa  
Ruppia maritima  
Ruppia species  
Salvinia auriculata  
Salvinia molesta  
Salvinia natans  
Samolus valerandi  
Sparganium angustifolium  
Sparganium natans  
Spirodela polyrhiza  
Spirodela species  
Spirogyra maxima  
Stratiotes aloides  
Stuckenia filiformis  
Stuckenia pectinata  
Stuckenia vaginata  
Subularia aquatica  
Tolypella glomerata  
Tolypella intricata  
Tolypella nidifica  
Tolypella prolifera  
Tolypella species  
Trapa natans  
Ulothrix zonata  
Ulva lactuca  
Utricularia australis  
Utricularia bremii  
Utricularia gibba  
Utricularia intermedia  
Utricularia minor  
Utricularia ochroleuca  
Utricularia vulgaris  
Vallisneria spiralis  
Vaucheria dichotoma  
Vaucheria geminata  
Vaucheria species  
Wolffia arrhiza  
Zannichellia contorta  
Zannichellia obtusifolia  
Zannichellia palustris  
Zannichellia pedicellata  
Zannichellia pedunculata  
Zannichellia peltata  
Zostera marina  
Zostera noltii



Zygogonium ericetorum

##D +10 C3-Littoral-zone-of-inland-surface-waterbodies

Acorus calamus  
Alisma gramineum  
Alisma lanceolata  
Alisma plantago-aquatica  
Alopecurus aequalis  
Anagallis minima  
Berula erecta  
Bidens cernuus  
Bidens connata  
Bidens frondosus  
Bidens radiatus  
Bidens tripartitus  
Bolboschoenus glaucus  
Bolboschoenus laticarpus  
Bolboschoenus maritimus  
Bolboschoenus planiculmis  
Bolboschoenus yagara  
Butomus umbellatus  
Calamagrostis canescens  
Calamagrostis neglecta  
Calamagrostis pseudophragmites  
Calamagrostis purpurea  
Calla palustris  
Calystegia sepium  
Carex acuta  
Carex acutiformis  
Carex appropinquata  
Carex aquatilis  
Carex bohémica  
Carex buxbaumii  
Carex cespitosa  
Carex diandra  
Carex distachya  
Carex disticha  
Carex elata  
Carex extensa  
Carex hispida  
Carex lasiocarpa  
Carex lyngbyei  
Carex melanostachya  
Carex nigra  
Carex paniculata  
Carex pseudocyperus  
Carex randalpina

Carex reuteriana  
Carex rhynchophysa  
Carex riparia  
Carex rostrata  
Carex vesicaria  
Carex vulpina  
Centaureum pulchellum  
Cerastium dubium  
Chaetopogon fasciculatus  
Chondrilla chondrilloides  
Cicendia filiformis  
Cicuta virosa  
Cirsium brachycephalum  
Cladium mariscus  
Coleanthus subtilis  
Comarum palustre  
Corrigiola litoralis  
Corrigiola telephiifolia  
Cotoneaster cinnabarinus  
Crassula aquatica  
Crassula tillaea  
Cressa cretica  
Crypsis aculeata  
Crypsis alopecuroides  
Crypsis schoenoides  
Cyperus flavescens  
Cyperus fuscus  
Cyperus longus  
Cyperus michelianus  
Cyperus pannonicus  
Damasonium alisma  
Deschampsia cespitosa  
Digitaria debilis  
Elatine alsinastrum  
Elatine hexandra  
Elatine hydropiper  
Elatine macropoda  
Elatine triandra  
Eleocharis acicularis  
Eleocharis carniolica  
Eleocharis mamillata  
Eleocharis ovata  
Eleocharis palustris  
Eleocharis uniglumis  
Elymus alaskanus subsp. subalpinus  
Elymus fibrosus  
Elymus transbaicalensis

Epilobium dodonaei  
Epilobium fleischeri  
Epilobium latifolium  
Epilobium palustre  
Epilobium roseum  
Equisetum fluviatile  
Equisetum variegatum  
Erigeron acris  
Eriophorum angustifolium  
Eriophorum scheuchzeri  
Eupatorium cannabinum  
Euphorbia chamaesyce  
Festuca vivipara  
Fimbristylis bisumbellata  
Fimbristylis dichotoma  
Glinus lotoides  
Glyceria declinata  
Glyceria fluitans  
Glyceria maxima  
Glyceria nemoralis  
Glyceria notata  
Glyceria spicata  
Gnaphalium uliginosum  
Heliotropium supinum  
Helosciadium bermejoi  
Helosciadium nodiflorum  
Hypericum humifusum  
Hippuris vulgaris  
Illecebrum verticillatum  
Iris pseudacorus  
Isoetes durieui  
Isoetes histrix  
Isoetes velata  
Isolepis setacea  
Juncus acutus  
Juncus articulatus  
Juncus biglumis  
Juncus bufonius  
Juncus capitatus  
Juncus effusus  
Juncus gerardi  
Juncus inflexus  
Juncus maritimus  
Juncus minutulus  
Juncus pygmaeus  
Juncus ranarius  
Juncus subnodulosus

Juncus subulatus  
Juncus tenageia  
Juncus triglumis  
Koenigia islandica  
Leersia oryzoides  
Lepidium coronopus  
Lepidium latifolium  
Limosella aquatica  
Lindernia dubia  
Lindernia procumbens  
Lotus tenuis  
Ludwigia palustris  
Lycopus europaeus  
Lysimachia vulgaris  
Lythrum hyssopifolia  
Lythrum portula  
Lythrum salicaria  
Lythrum tribracteatum  
Melilotus dentatus  
Mentha aquatica  
Mentha pulegium  
Menyanthes trifoliata  
Myosotis scorpioides  
Myosoton aquaticum  
Myosurus minimus  
Nasturtium officinale  
Neoschischkinia pourrettii  
Oenanthe aquatica  
Oenanthe crocata  
Oxybasis glauca  
Oxybasis rubra  
Panicum debile  
Paspalum distichum  
Persicaria dubia  
Persicaria foliosa  
Persicaria hydropiper  
Persicaria lapathifolia  
Persicaria minor  
Petasites hybridus  
Petasites kablikianus  
Phalaroides arundinacea  
Phragmites australis  
Plantago major  
Poa palustris  
Poa trivialis  
Polygonum salsugineum  
Polypogon maritimus

Polypogon monspeliensis  
Potentilla supina  
Ptychotis saxifraga  
Puccinellia distans  
Puccinellia peisonis  
Pulicaria arabica  
Pulicaria sicula  
Pulicaria vulgaris  
Radiola linoides  
Ranunculus lateriflorus  
Ranunculus muricatus  
Ranunculus ophioglossifolius  
Ranunculus repens  
Ranunculus sardous  
Ranunculus sceleratus  
Rorippa amphibia  
Rorippa palustris  
Rumex hydrolapathum  
Rumex maritimus  
Rumex scutatus  
Sagina apetala  
Sagina nodosa  
Sagittaria sagittifolia  
Samolus valerandi  
Saxifraga aizoides  
Scolochloa festucacea  
Scorzonera parviflora  
Scrophularia canina  
Schoenoplectus corymbosus  
Sedum villosum  
Schoenoplectus lacustris  
Schoenoplectus lacustris subsp. glaucus  
Schoenoplectus litoralis  
Schoenoplectus pungens  
Schoenoplectus triqueter  
Sium latifolium  
Solanum dulcamara  
Solenopsis laurentia  
Solenopsis minuta  
Sparganium emersum  
Sparganium erectum  
Sparganium neglectum  
Spergularia echinosperma  
Spergularia marina  
Spergularia media  
Spergularia rubra  
Tephrosieris palustris

*Thelypteris palustris*  
*Tolpis staticifolia*  
*Trifolium fragiferum*  
*Trifolium saxatile*  
*Tripolium pannonicum*  
*Typha angustifolia*  
*Typha domingensis*  
*Typha latifolia*  
*Typha laxmannii*  
*Typha minima*  
*Typha shuttleworthii*  
*Verbena supina*  
*Veronica anagallis-aquatica*  
*Veronica anagalloides*  
*Veronica beccabunga*  
*Veronica catenata*  
*Veronica scardica*

##D +10 D-Mires

*Andromeda polifolia*  
*Bartsia alpina*  
*Bellis bernardii*  
*Bellium nivale*  
*Betula nana*  
*Blysmus compressus*  
*Calamagrostis neglecta*  
*Carex appropinquata*  
*Carex aquatilis*  
*Carex atrofusca*  
*Carex bicolor*  
*Carex buxbaumii*  
*Carex canescens*  
*Carex capillaris*  
*Carex capitata*  
*Carex davalliana*  
*Carex demissa*  
*Carex diandra*  
*Carex dioica*  
*Carex echinata*  
*Carex flava*  
*Carex frigida*  
*Carex heleonastes*  
*Carex hostiana*  
*Carex chordorrhiza*  
*Carex lapponica*  
*Carex lasiocarpa*  
*Carex lepidocarpa*

Carex limosa  
Carex livida  
Carex magellanica  
Carex maritima  
Carex nigra  
Carex norvegica  
Carex panicea  
Carex parallela  
Carex pauciflora  
Carex rariflora  
Carex rostrata  
Carex rotundata  
Carex saxatilis  
Carex vaginata  
Carex vesicaria  
Carex viridula  
Chamaedaphne calyculata  
Comarum palustre  
Dactylorhiza incarnata  
Dactylorhiza traunsteineri  
Drosera intermedia  
Drosera longifolia  
Drosera rotundifolia  
Eleocharis quinqueflora  
Epilobium palustre  
Epipactis palustris  
Erica tetralix  
Eriophorum angustifolium  
Eriophorum gracile  
Eriophorum latifolium  
Eriophorum russeolum  
Eriophorum scheuchzeri  
Eriophorum vaginatum  
Festuca frigida  
Gymnadenia frivaldii  
Hammarbya paludosa  
Hypericum elodes  
Juncus alpinoarticulatus  
Juncus arcticus  
Juncus biglumis  
Juncus bulbosus  
Juncus castaneus  
Juncus requienii  
Juncus stygius  
Juncus subnodulosus  
Juncus triglumis  
Kobresia simpliciuscula

Liparis loeselii  
Menyanthes trifoliata  
Myrica gale  
Narthecium ossifragum  
Narthecium scardicum  
Pedicularis palustris  
Peucedanum palustre  
Pinguicula balcanica  
Pinguicula corsica  
Pinguicula lusitanica  
Pinguicula nevadensis  
Pinguicula villosa  
Pinguicula vulgaris  
Plantago lanceolata  
Polygala serpyllifolia  
Potamogeton polygonifolius  
Potentilla anglica  
Primula farinosa  
Primula nutans  
Primula scandinavica  
Primula stricta  
Ranunculus cordiger  
Ranunculus pyrenaicus  
Rhododendron tomentosum  
Rhynchospora alba  
Rhynchospora fusca  
Rubus chamaemorus  
Salix lapponum  
Salix myrsinites  
Salix myrtilloides  
Salix repens  
Saussurea alpina  
Scorzoneroides microcephala  
Scheuchzeria palustris  
Schoenus ferrugineus  
Schoenus nigricans  
Silene asterias  
Soldanella pindicola  
Stellaria palustris  
Tofieldia calyculata  
Tofieldia pusilla  
Trichophorum alpinum  
Trichophorum cespitosum  
Trichophorum pumilum  
Typha lugdunensis  
Typha minima  
Typha shuttleworthii



Utricularia intermedia  
Utricularia minor  
Vaccinium microcarpum  
Vaccinium oxycoccos  
Vaccinium uliginosum  
Valeriana dioica  
Veronica nevadensis  
Viola palustris  
Willemetia stipitata

##D +10 E-Grasslands

Abietinella abietina  
Aconitum anthora  
Aconitum burnatii  
Aconitum lycoctonum  
Aconitum napellus  
Aconitum tauricum  
Aconogonon alpinum  
Achillea ageratum  
Achillea clavennae  
Achillea clusiana  
Achillea coarctata  
Achillea holosericea  
Achillea micrantha  
Achillea millefolium aggr.  
Achillea pseudopectinata  
Achillea ptarmica  
Adenostyles alliariae  
Adenostyles alpina  
Adonis vernalis  
Aegilops geniculata  
Aegonychon purpurocaeruleum  
Aegopodium podagraria  
Aeluropus lagopoides  
Aeluropus littoralis  
Aethionema saxatile  
Agrimonia eupatoria  
Agropyron cristatum  
Agropyron dasyanthum  
Agrostis capillaris  
Agrostis castellana  
Agrostis vinealis  
Agrostis tileni  
Agrostis stolonifera  
Agrostis rupestris  
Agrostis nevadensis  
Agrostis gracililaxa

Agrostis congestiflora subsp. oreophila  
Agrostis congestiflora subsp. congestiflora  
Agrostis congestiflora  
Aira caryophyllea  
Aira cupaniana  
Aira elegantissima  
Aira praecox  
Aira tenorii  
Airopsis tenella  
Aizoanthemopsis hispanica  
Ajuga tenorei  
Alchemilla catalaunica  
Alchemilla fissa  
Alchemilla glomerulans  
Alchemilla pentaphyllea  
Alkanna tinctoria  
Alliaria petiolata  
Allium angulosum  
Allium baeticum  
Allium ericetorum  
Allium flavum  
Allium guttatum  
Allium chamaemoly  
Allium lusitanicum  
Allium melananthum  
Allium moly  
Allium moschatum  
Allium pallens  
Allium pentadactyli  
Allium schoenoprasum  
Allium sphaerocephalon  
Allium sphaeropodum  
Allium subvillosum  
Alopecurus bulbosus  
Alopecurus geniculatus  
Alopecurus gerardi  
Alopecurus pratensis  
Alopecurus rendlei  
Alopecurus riloensis  
Althaea officinalis  
Alyssoides utriculata  
Alyssum alyssoides  
Alyssum diffusum  
Alyssum granatense  
Alyssum montanum  
Alyssum simplex  
Alyssum turkestanicum

*Ammi huntii*  
*Ammi trifoliatum*  
*Ammoides pusilla*  
*Ampelodesmos mauritanicus*  
*Anabasis aphylla*  
*Anabasis salsa*  
*Anacamptis coriophora*  
*Anacamptis palustris* aggr.  
*Anacamptis papilionacea*  
*Anacamptis pyramidalis*  
*Andropogon distachyos*  
*Androsace carnea*  
*Androsace elongata*  
*Androsace chamaejasme*  
*Androsace rioxana*  
*Androsace septentrionalis*  
*Androsace villosa*  
*Androsace vitaliana*  
*Andryala glandulosa*  
*Andryala integrifolia*  
*Andryala laxiflora*  
*Anemone sylvestris*  
*Angelica archangelica*  
*Angelica heterocarpa*  
*Angelica lignescens*  
*Angelica sylvestris*  
*Anchusa ochroleuca*  
*Anisantha fasciculata*  
*Antennaria dioica*  
*Anthemis arvensis*  
*Anthericum ramosum*  
*Anthoxanthum aristatum*  
*Anthoxanthum maderense*  
*Anthoxanthum odoratum* aggr.  
*Anthoxanthum ovatum*  
*Anthriscus sylvestris*  
*Anthyllis aurea*  
*Anthyllis cornicina*  
*Anthyllis cytisoides*  
*Anthyllis lemmaniana*  
*Anthyllis lemmaniana*  
*Anthyllis lotoides*  
*Anthyllis montana*  
*Anthyllis vulneraria*  
*Apera interrupta*  
*Aphanes cornucopioides*  
*Aphanes microcarpa*

Aquilegia bernardii  
Aquilegia cazorlensis  
Aquilegia vulgaris  
Arabidopsis arenosa  
Arabidopsis halleri  
Arabidopsis thaliana  
Arabis auriculata  
Arabis caerulea  
Arabis hirsuta  
Arabis nova  
Arenaria aggregata  
Arenaria armerina  
Arenaria arundana  
Arenaria capillipes  
Arenaria conimbricensis  
Arenaria aggregata  
Arenaria leptoclados  
Arenaria modesta  
Arenaria obtusiflora  
Arenaria pomelii  
Arenaria retusa  
Arenaria serpyllifolia  
Arenaria valentina  
Arenaria x decipiens  
Argentina anserina  
Argyranthemum pinnatifidum subsp. montanum  
Aristida adscensionis  
Aristolochia clematitidis  
Armeria arenaria  
Armeria caballeroi  
Armeria caespitosa  
Armeria canescens  
Armeria castroviejoi  
Armeria ciliata  
Armeria denticulata  
Armeria duriaei  
Armeria eriophylla  
Armeria langei  
Armeria maderensis  
Armeria maritima  
Armeria merinoi  
Armeria multiceps  
Armeria rumelica  
Armeria sardoa  
Armeria splendens  
Armeria trachyphylla  
Armeria transmontana

Arnica montana  
Arrhenatherum album  
Arrhenatherum elatius  
Artemisia alba  
Artemisia austriaca  
Artemisia campestris  
Artemisia granatensis  
Artemisia hololeuca  
Artemisia lerchiana  
Artemisia nutans  
Artemisia pedemontana  
Artemisia pontica  
Artemisia rupestris  
Artemisia salsoloides  
Artemisia santonicum  
Artemisia vulgaris  
Arthrocnemum macrostachyum  
Aruncus dioicus  
Asparagus asparagoides  
Asparagus horridus  
Asperula aristata  
Asperula cynanchica  
Asperula graveolens  
Asperula purpurea  
Asperula pyrenaica  
Asperula tenella  
Asperula tephrocarpa  
Asphodeline lutea  
Asphodelus albus  
Asphodelus ayardii  
Asphodelus cerasiferus  
Asphodelus macrocarpus  
Asphodelus ramosus  
Asplenium adiantum-nigrum subsp. serpentini  
Asplenium fissum  
Aster alpinus  
Asteriscus aquaticus  
Asterolinon linum-stellatum  
Astragalus albicaulis  
Astragalus alpinus  
Astragalus arenarius  
Astragalus cavanillesii  
Astragalus cymbicarpos  
Astragalus echinatus  
Astragalus exscapus  
Astragalus frigidus  
Astragalus glycyphyllos

Astragalus incanus  
Astragalus macropus  
Astragalus macrorhizus  
Astragalus mayeri  
Astragalus onobrychis  
Astragalus pelecinus  
Astragalus penduliflorus  
Astragalus scorpioides  
Astragalus sesameus  
Astragalus stella  
Astragalus tremolsianus  
Astragalus varius  
Astrantia major  
Asyneuma limonifolium  
Athalamia hyalina  
Athyrium distentifolium  
Atractylis cancellata  
Atractylis humilis  
Atriplex aucheri  
Atriplex cana  
Atriplex prostrata  
Atriplex sagittata  
Atriplex sphaeromorpha  
Atropa baetica  
Aurinia saxatilis  
Avena barbata  
Avenula pubescens  
Ballota nigra  
Barbarea bracteosa  
Barbula convoluta  
Bassia hirsuta  
Bassia hyssopifolia  
Bassia laniflora  
Bassia prostrata  
Bassia sedoides  
Bellardiochloa variegata  
Bellevalia romana  
Bellidiastrum michelii  
Bellis annua  
Bellis perennis  
Bellis sylvestris  
Bellium bellidioides  
Beta nana  
Biarum dispar  
Bidens pilosa  
Bienertia cycloptera  
Biscutella baetica

Biscutella laevigata  
Biscutella lyrata  
Bistorta officinalis  
Bistorta vivipara  
Bituminaria bituminosa  
Blackstonia perfoliata  
Blysmopsis rufa  
Blysmus compressus  
Bolboschoenus maritimus  
Bolboschoenus planiculmis  
Bombycilaena erecta  
Bothriochloa ischaemum  
Botrychium matricariifolium  
Botrychium simplex  
Brachypodium boissieri  
Brachypodium gaditanum  
Brachypodium genuense  
Brachypodium phoenicoides  
Brachypodium pinnatum  
Brachypodium retusum  
Brachypodium rupestre  
Brachypodium sylvaticum  
Brassica elongata subsp. pinnatifida  
Brimeura amethystina  
Briza media  
Briza minor  
Bromopsis erecta  
Bromopsis inermis  
Bromopsis pannonica  
Bromopsis riparia  
Bromus hordeaceus  
Bromus racemosus  
Bryum caespiticium  
Bryum elegans  
Bufonia macropetala  
Buglossoides incrassata  
Bupleurum baldense  
Bupleurum falcatum  
Bupleurum gerardi  
Bupleurum gracile  
Bupleurum semicompositum  
Bupleurum tenuissimum  
Calamagrostis varia  
Callipeltis cucullaria  
Caltha palustris  
Calystegia sepium  
Calystegia silvatica

Campanula alpina  
Campanula baumgartenii  
Campanula bononiensis  
Campanula dichotoma  
Campanula erinus  
Campanula glomerata  
Campanula herminii  
Campanula lusitanica  
Campanula patula  
Campanula persicifolia  
Campanula serrata  
Campanula scheuchzeri  
Campanula sibirica  
Campanula thyrsoides  
Camphorosma annua  
Camphorosma monspeliaca  
Campionopus introflexus  
Cardamine acris  
Cardamine alpina  
Cardamine matthioli  
Cardamine parviflora  
Cardamine pratensis  
Cardamine rivularis  
Cardiospermum grandiflorum  
Carduus crispus  
Carduus personata  
Carex arenaria  
Carex atrata  
Carex australpina  
Carex baldensis  
Carex bigelowii  
Carex brevicollis  
Carex brunnescens  
Carex caryophyllea  
Carex colchica  
Carex cuprina  
Carex curvula  
Carex distans  
Carex divisa  
Carex ericetorum  
Carex ferruginea  
Carex firma  
Carex flacca  
Carex flava  
Carex foetida  
Carex furva  
Carex halleriana



Carex hirta  
Carex hochstetteriana  
Carex humilis  
Carex kitaibeliana  
Carex lachenalii  
Carex lainzii  
Carex leporina  
Carex macrolepis  
Carex macrostyla  
Carex mairei  
Carex melanostachya  
Carex michelii  
Carex montana  
Carex mucronata  
Carex nigra  
Carex norvegica  
Carex ornithopoda  
Carex pallescens  
Carex panicea  
Carex pendula  
Carex peregrina  
Carex pilulifera  
Carex pyrenaica  
Carex sempervirens  
Carex stenophylla  
Carex supina  
Carex sylvatica  
Carex vulcani  
Carex vulpina  
Carlina acanthifolia  
Carlina acaulis  
Carlina biebersteinii  
Carlina corymbosa  
Carlina graeca  
Carlina vulgaris  
Carum carvi  
Carum verticillatum  
Cassiope hypnoides  
Cassiope tetragona  
Catananche lutea  
Catapodium rigidum  
Celtica gigantea  
Cenchrus setaceus  
Centaurea ambigua  
Centaurea aplolepa  
Centaurea arenaria aggr.  
Centaurea borjajae

*Centaurea grisebachii* subsp. *occidentalis*  
*Centaurea jacea*  
*Centaurea kosaninii*  
*Centaurea nemoralis*  
*Centaurea nigrescens*  
*Centaurea phrygia*  
*Centaurea podospermifolia*  
*Centaurea pulvinata*  
*Centaurea rupestris* aggr.  
*Centaurea scabiosa*  
*Centaurea stoebe*  
*Centaurea toletana*  
*Centaureum pulchellum*  
*Centaureum scilloides*  
*Cephalaria leucantha*  
*Cephalaria uralensis*  
*Cerastium alpinum*  
*Cerastium arvense*  
*Cerastium brachypetalum*  
*Cerastium cerastoides*  
*Cerastium dubium*  
*Cerastium fontanum* subsp. *vulgare*  
*Cerastium gracile*  
*Cerastium pumilum*  
*Cerastium semidecandrum*  
*Cerastium soleirolii*  
*Ceratodon purpureus*  
*Cetraria aculeata*  
*Chaenorhinum grandiflorum*  
*Chaenorhinum macropodum*  
*Chaenorhinum rubrifolium*  
*Chaerophyllum aromaticum*  
*Chaerophyllum azoricum*  
*Chaerophyllum hirsutum*  
*Chaerophyllum villarsii*  
*Chamaemelum fuscatum*  
*Chamaemelum nobile*  
*Chrysopogon gryllus*  
*Cichorium intybus*  
*Circaea lutetiana*  
*Cirsium acaulon*  
*Cirsium appendiculatum*  
*Cirsium brachycephalum*  
*Cirsium canum*  
*Cirsium dissectum*  
*Cirsium erisithales*  
*Cirsium esculentum*

Cirsium heterophyllum  
Cirsium monspessulanum  
Cirsium oleraceum  
Cirsium palustre  
Cirsium pannonicum  
Cirsium pyrenaicum  
Cirsium rivulare  
Cirsium rosulatum  
Cirsium tuberosum  
Cirsium tymphaeum  
Cistus clusii  
Cladonia cervicornis  
Cladonia foliacea  
Cladonia symphylicarpa  
Cladonia zopfii  
Cleistogenes serotina  
Clematis integrifolia  
Clematis recta  
Climacoptera aralensis  
Climacoptera brachiata  
Climacoptera crassa  
Climacoptera lanata  
Climacoptera transoxana  
Climacoptera turcomanica  
Clinopodium acinos  
Clinopodium alpinum  
Clinopodium nepeta  
Clinopodium suaveolens  
Clinopodium vulgare  
Clypeola jonthlaspi  
Cochlearia glastifolia  
Cochlearia megalosperma  
Colchicum alpinum  
Colchicum arenarium  
Colchicum autumnale  
Colchicum filifolium  
Colchicum lusitanum  
Colchicum montanum  
Colchicum triphyllum  
Convolvulus althaeoides  
Convolvulus lineatus  
Conyza primulifolia  
Corispermum aralocaspicum  
Corispermum filifolium  
Corispermum nitidum  
Corispermum orientale  
Corispermum uralense

Coronilla dura  
Coronilla minima  
Coronilla scorpioides  
Corydalis blanda subsp. parnassica  
Corydalis densiflora  
Corynephorus canescens  
Corynephorus divaricatus  
Crambe tataria  
Crassula tillaea  
Crepis albida  
Crepis aurea  
Crepis biennis  
Crepis capillaris  
Crepis chondrilloides  
Crepis foliosa  
Crepis lacera  
Crepis mollis  
Crepis neglecta  
Crepis paludosa  
Crepis praemorsa  
Crepis setosa  
Crepis vesicaria subsp. andryaloides  
Crepis zacintha  
Crocus veluchensis  
Crocus vernus  
Crucianella angustifolia  
Cruciata glabra  
Crypsis schoenoides  
Ctenopsis delicatula  
Ctenopsis gypsophila  
Cuscuta europaea  
Cyanus triumfettii  
Cynanchum acutum  
Cynosurus cristatus  
Cyperus eragrostis  
Cyperus longus  
Cytisus ardoinii  
Cytisus austriacus  
Cytisus spinescens  
Dactylis glomerata  
Dactylorhiza foliosa  
Dactylorhiza fuchsii  
Dactylorhiza majalis  
Dactylorhiza viridis  
Danthonia alpina  
Danthonia decumbens  
Daucus carota

Daucus crinitus  
Daucus durieua  
Daucus muricatus  
Daucus setifolius  
Delphinium elatum  
Deschampsia cespitosa  
Deschampsia foliosa  
Deschampsia maderensis  
Deschampsia media  
Dianthus arenarius  
Dianthus armeria  
Dianthus borbasii  
Dianthus carthusianorum  
Dianthus ciliatus  
Dianthus deltoides  
Dianthus diutinus  
Dianthus garganicus  
Dianthus giganteus subsp. croaticus  
Dianthus humilis  
Dianthus integer  
Dianthus langeanus  
Dianthus laricifolius  
Dianthus legionensis  
Dianthus microlepis  
Dianthus platyodon  
Dianthus plumarius  
Dianthus pontederæ  
Dianthus praecox  
Dianthus serotinus  
Dianthus superbus  
Dianthus sylvestris  
Dichoropetalum schottii  
Dictamnus albus  
Didymodon fallax  
Didymodon ferrugineus  
Didymodon rigidulus  
Digitalis grandiflora  
Dipcadi serotinum  
Diplotaxis cretacea  
Dipsacus fullonum  
Dipsacus laciniatus  
Distichium capillaceum  
Distichoselinum tenuifolium  
Dittrichia viscosa  
Dodartia orientalis  
Doronicum corsicum  
Doronicum grandiflorum

Dorycnium hirsutum  
Dorycnium rectum  
Draba aizoides  
Draba crassifolia  
Draba hispanica  
Draba lasiocarpa  
Draba verna aggr.  
Dracocephalum austriacum  
Drimia maritima  
Drimia undata  
Drymocallis rupestris  
Dryopteris filix-mas  
Dysphania ambrosioides  
Echinaria capitata  
Echinochloa crus-galli  
Echinocystis lobata  
Echinops ritro  
Echium rubrum  
Edraianthus graminifolius  
Eleocharis uniglumis  
Elytrigia curvifolia  
Elytrigia intermedia  
Elytrigia repens  
Encalypta rhaptocarpa  
Encalypta streptocarpa  
Encalypta vulgaris  
Entodon concinnus  
Ephedra distachya  
Epilobium anagallidifolium  
Epilobium hirsutum  
Epilobium lactiflorum  
Epilobium montanum  
Epipactis palustris  
Equisetum palustre  
Equisetum ramosissimum  
Equisetum telmateia  
Eremogone koriniana  
Erigeron epiroticus  
Erigeron frigidus  
Erigeron uniflorus  
Erodium botrys  
Erodium carvifolium  
Erodium cazorlanum  
Erodium cicutarium  
Erodium daucoides  
Erodium foetidum  
Erodium glandulosum

Erodium laciniatum  
Erodium recoderi  
Eryngium amethystinum  
Eryngium bourgatii  
Eryngium campestre  
Eryngium dichotomum  
Eryngium dilatatum  
Eryngium glaciale  
Eryngium grosii  
Eryngium planum  
Eryngium tenue  
Eryngium triquetrum  
Erysimum canum  
Erysimum diffusum  
Erysimum humile  
Erysimum incanum  
Erysimum linariifolium  
Erysimum montanum  
Erysimum nevadense aggr.  
Erysimum odoratum  
Erysimum pseudorhaeticum  
Erysimum seipkae  
Erysimum witmannii  
Eupatorium cannabinum  
Euphorbia azorica  
Euphorbia cyparissias  
Euphorbia duvalii  
Euphorbia exigua  
Euphorbia falcata  
Euphorbia glabriflora  
Euphorbia hirsuta  
Euphorbia lucida  
Euphorbia montenegrina  
Euphorbia nicaeensis  
Euphorbia petrophila  
Euphorbia seguieriana  
Euphorbia spinosa  
Euphorbia sulcata  
Euphrasia azorica  
Euphrasia grandiflora  
Euphrasia illyrica  
Euphrasia nemorosa  
Euphrasia rostkoviana  
Fallopia dumetorum  
Ferula caspica  
Ferula loscosii  
Ferula tatarica

*Ferulago campestris*  
*Ferulago granatensis*  
*Festuca airoides*  
*Festuca altopyrenaica*  
*Festuca ampla*  
*Festuca auquieri*  
*Festuca beckeri*  
*Festuca brigantina*  
*Festuca burnatii*  
*Festuca caerulescens*  
*Festuca capillifolia*  
*Festuca circummediterranea*  
*Festuca clementei*  
*Festuca csikhegyensis*  
*Festuca elegans*  
*Festuca eskia*  
*Festuca filiformis*  
*Festuca francoi*  
*Festuca gredensis*  
*Festuca henriquesii*  
*Festuca hystrix*  
*Festuca iberica*  
*Festuca indigesta*  
*Festuca inops*  
*Festuca jubata*  
*Festuca liviensis*  
*Festuca longiauriculata*  
*Festuca marginata* subsp. *andres-molinae*  
*Festuca marginata* subsp. *gallica*  
*Festuca microphylla*  
*Festuca morisiana*  
*Festuca nevadensis*  
*Festuca ochroleuca*  
*Festuca oelandica*  
*Festuca pallens*  
*Festuca petraea*  
*Festuca picturata*  
*Festuca polesica*  
*Festuca psammophila*  
*Festuca pseudeskia*  
*Festuca rivas-martinezii*  
*Festuca robustifolia*  
*Festuca rothmaleri*  
*Festuca rubra*  
*Festuca scariosa*  
*Festuca stricta* subsp. *stricta*  
*Festuca stricta* subsp. *sulcata*



*Festuca stricta* subsp. *trachyphylla*  
*Festuca summilusitana*  
*Festuca trichophylla*  
*Festuca vaginata*  
*Festuca valesiaca*  
*Festuca versicolor*  
*Festuca wagneri*  
*Filago arvensis*  
*Filago carpetana*  
*Filago eriocephala*  
*Filago gallica*  
*Filago lutescens*  
*Filago minima*  
*Filago pygmaea*  
*Filago pyramidata*  
*Filipendula ulmaria*  
*Filipendula vulgaris*  
*Fragaria vesca*  
*Fragaria viridis*  
*Frankenia corymbosa*  
*Frankenia hirsuta*  
*Frankenia pulverulenta*  
*Fritillaria meleagris*  
*Fritillaria orientalis*  
*Fritillaria pyrenaica*  
*Fumana bonapartei*  
*Fumana ericoides*  
*Fumana procumbens*  
*Fumana thymifolia*  
*Gagea bohemica*  
*Galatella sedifolia*  
*Galatella tatarica*  
*Galatella villosa*  
*Galeopsis speciosa*  
*Galium anisophyllum*  
*Galium aparine*  
*Galium austriacum*  
*Galium boreale*  
*Galium debile*  
*Galium divaricatum*  
*Galium mollugo* aggr.  
*Galium murale*  
*Galium octonarium*  
*Galium odoratum*  
*Galium oelandicum*  
*Galium oreophilum*  
*Galium parisiense*

Galium pumilum  
Galium ruthenicum  
Galium saxatile  
Galium sternerii  
Galium uliginosum  
Galium verum  
Gastridium ventricosum  
Gaudinia coarctata  
Gaudinia fragilis  
Genista januensis  
Genista lobelii  
Genista pilosa  
Genista pulchella  
Genista sericea  
Genista tinctoria  
Gentiana alpina  
Gentiana boryi  
Gentiana clusii  
Gentiana cruciata  
Gentiana pannonica  
Gentiana pneumonanthe  
Gentiana verna  
Gentianella amarella  
Gentianella ciliata  
Gentianella germanica  
Geranium asphodeloides  
Geranium palmatum  
Geranium palustre  
Geranium phaeum  
Geranium pratense  
Geranium reuteri  
Geranium robertianum  
Geranium sanguineum  
Geranium subcaulescens  
Geranium sylvaticum aggr.  
Geum coccineum  
Geum montanum  
Geum rivale  
Geum urbanum  
Girgensohnia oppositifolia  
Gladiolus imbricatus  
Gladiolus italicus  
Glaux maritima  
Glechoma hederacea  
Globularia bisnagarica  
Globularia cordifolia  
Globularia meridionalis

Glycyrrhiza echinata  
Glycyrrhiza glabra  
Gnaphalium hoppeanum  
Gnaphalium supinum  
Gnaphalium sylvaticum  
Gnaphalium teydeum  
Goniolimon besseranum  
Goniolimon collinum  
Goniolimon tataricum  
Gratiola officinalis  
Gymnadenia conopsea  
Gymnadenia nigra  
Gymnadenia rubra  
Gypsophila altissima  
Gypsophila fastigiata  
Gypsophila paniculata  
Gypsophila spergulifolia  
Gypsophila tomentosa  
Halacsya sendtneri  
Halimione pedunculata  
Halimione verrucifera  
Halimocnemis sclerosperma  
Halocnemum strobilaceum  
Halogeton glomeratus  
Halopeplis amplexicaulis  
Halostachys belangeriana  
Haplophyllum boissierianum  
Hedypnois cretica  
Hedysarum humile  
Hedysarum spinosissimum  
Helianthemum aegypticum  
Helianthemum alpestre  
Helianthemum angustatum  
Helianthemum apenninum  
Helianthemum canum  
Helianthemum cinereum  
Helianthemum masquindalii  
Helianthemum nummularium  
Helianthemum polygonoides  
Helianthemum salicifolium  
Helianthemum sanguineum  
Helichrysum arenarium  
Helictochloa bromoides  
Helictochloa gervaisii  
Helictochloa pratensis  
Helictochloa versicolor  
Helictotrichon decorum

Helictotrichon desertorum  
Helictotrichon filifolium  
Helictotrichon sedenense subsp. gervaisii  
Helictotrichon sempervirens  
Heracleum elegans  
Heracleum sphondylium  
Heracleum transsilvanicum  
Herniaria boissieri  
Herniaria glabra  
Herniaria parnassica  
Herniaria scabrida  
Hesperis sylvestris  
Heteropogon contortus  
Hieracium bupleuroides  
Hieracium cerinthoides  
Hieracium lachenalii  
Hieracium lactucella subsp. nana  
Hieracium laevigatum  
Hieracium pannosum  
Hieracium sabaudum  
Hieracium villosum  
Hippocrepis biflora  
Hippocrepis ciliata  
Hippocrepis comosa  
Hippocrepis glauca  
Hispidella hispanica  
Holcus annuus  
Holcus gayanus  
Holcus lanatus  
Holcus mollis  
Holcus rigidus  
Holosteum umbellatum  
Homalothecium lutescens  
Homalothecium sericeum  
Homogyne alpina  
Homogyne discolor  
Hordeum bulbosum  
Hordeum geniculatum  
Hordeum marinum  
Hordeum murinum  
Hordeum murinum subsp. leporinum  
Hordeum secalinum  
Hormathophylla purpurea  
Hornungia alpina  
Hornungia petraea  
Hornungia procumbens  
Humulus lupulus

Hyparrhenia hirta  
Hyparrhenia sinaica  
Hypericum caprifolium  
Hypericum elegans  
Hypericum hircinum  
Hypericum maculatum  
Hypericum perforatum  
Hypericum pubescens  
Hyssopus officinalis  
Hypochaeris robertia  
Hypochaeris radicata  
Hypochaeris maculata  
Hypochaeris glabra  
Hypochaeris cretensis  
Hypochaeris achyrophorus  
Hypericum tomentosum  
Hypericum tetrapterum  
Hypericum pulchrum  
Iberis fontqueri  
Iberis saxatilis  
Iberis sempervirens  
Impatiens balfourii  
Impatiens glandulifera  
Impatiens noli-tangere  
Imperata cylindrica  
Inula britannica  
Inula conyzae  
Inula ensifolia  
Inula germanica  
Inula helenium  
Inula hirta  
Inula montana  
Inula oculus-christi  
Inula salicina  
Ipomoea indica  
Ipomoea sagittata  
Iris graminea  
Iris latifolia  
Iris pseudopumila  
Iris pumila  
Iris sibirica  
Iris spuria  
Iris variegata  
Jacobaea abrotanifolia  
Jacobaea adonidifolia  
Jacobaea alpina  
Jacobaea aquatica

Jacobaea auricula  
Jacobaea borysthenica  
Jacobaea erucifolia  
Jacobaea incana  
Jacobaea minuta  
Jacobaea subalpina  
Jacobaea vulgaris  
Jasione crispa  
Jasione heldreichii  
Jasione laevis  
Jasione montana  
Jasione penicillata  
Jasonia tuberosa  
Jovibarba globifera  
Juncus acutus  
Juncus articulatus  
Juncus biglumis  
Juncus bufonius  
Juncus compressus  
Juncus conglomeratus  
Juncus effusus  
Juncus gerardi  
Juncus inflexus  
Juncus littoralis  
Juncus maritimus  
Juncus squarrosus  
Juncus striatus  
Juncus subulatus  
Juncus trifidus  
Jurinea arachnoidea  
Jurinea cyanoidea  
Jurinea mollis  
Jurinea multiflora  
Jurinea stoechadifolia  
Kalidium caspicum  
Kalidium foliatum  
Karelinia caspia  
Kernera saxatilis  
Knautia arvensis  
Knautia drymeia  
Knautia fleischmannii  
Knautia illyrica  
Knautia nevadensis  
Knautia purpurea  
Kobresia myosuroides  
Koeleria brevis  
Koeleria glauca

Koeleria lobata  
Koeleria macrantha  
Koeleria pyramidata  
Koeleria splendens  
Koeleria talievii  
Koeleria vallesiana  
Koeleria vallesiana subsp. abbreviata  
Lactuca alpina  
Lactuca muralis  
Lactuca pancicii  
Lactuca plumieri  
Lactuca quercina  
Lactuca viminea  
Lactuca watsoniana  
Lagurus ovatus  
Lamium album  
Lamium maculatum  
Lapiedra martinezii  
Lapsana communis  
Laser trilobum  
Laserpitium latifolium  
Laserpitium longiradium  
Laserpitium nestleri subsp. lainzii  
Laserpitium siler  
Lathyrus angulatus  
Lathyrus clymenum  
Lathyrus heterophyllus  
Lathyrus inconspicuus  
Lathyrus latifolius  
Lathyrus linifolius  
Lathyrus nissolia  
Lathyrus palustris  
Lathyrus pannonicus  
Lathyrus pratensis  
Lathyrus sphaericus  
Lathyrus sylvestris  
Lavandula multifida  
Leersia oryzoides  
Lembotropis nigricans  
Leontodon crispus  
Leontodon filii  
Leontodon hirtus  
Leontodon hispidus  
Leontodon incanus  
Leontodon rigens  
Leontodon saxatilis  
Leontodon tuberosus

Leontopodium nivale  
Leonurus cardiaca  
Lepidium cartilagineum  
Leptogium schraderi  
Leucanthemopsis alpina  
Leucanthemopsis flaveola  
Leucanthemopsis pallida  
Leucanthemopsis pulverulenta  
Leucanthemum aligulatum  
Leucanthemum burnatii  
Leucanthemum graminifolium  
Leucanthemum rotundifolium  
Leucanthemum vulgare aggr.  
Leucojum aestivum  
Leucojum valentinum  
Leymus ramosus  
Ligusticum corsicum  
Ligusticum mutellina  
Limonium angustebracteatum  
Limonium aragonense  
Limonium bellidifolium  
Limonium caesium  
Limonium carpetanicum  
Limonium catalaunicum  
Limonium cofrentanum  
Limonium cordovillense  
Limonium cossonianum  
Limonium costae  
Limonium danubiale  
Limonium delicatulum  
Limonium dichotomum  
Limonium echioides  
Limonium erectum  
Limonium furfuraceum  
Limonium gmelinii  
Limonium insigne  
Limonium lobetanicum  
Limonium majus  
Limonium minus  
Limonium pinillense  
Limonium quesadense  
Limonium reniforme  
Limonium ruizii  
Limonium santapolense  
Limonium scoparium  
Limonium soboliferum  
Limonium squarrosum



Limonium stenophyllum  
Limonium sucronicum  
Limonium suffruticosum  
Limonium supinum  
Limonium toletanum  
Limonium tournefortii  
Limonium viciosoi  
Linaria aeruginea  
Linaria elegans  
Linaria genistifolia  
Linaria huteri  
Linaria intricata  
Linaria micrantha  
Linaria oblongifolia  
Linaria pelisseriana  
Linaria platycalyx  
Linaria salzmannii  
Linaria saturejoides  
Linaria saxatilis  
Linaria simplex  
Linaria spartea  
Linum alpinum  
Linum austriacum  
Linum capitatum  
Linum catharticum  
Linum hirsutum  
Linum milletii  
Linum narbonense  
Linum strictum aggr.  
Linum suffruticosum aggr.  
Linum tenue  
Linum tenuifolium  
Linum tommasinii  
Linum trigynum  
Linum ucranicum  
Linum viscosum  
Lithospermum officinale  
Lobularia maritima  
Lolium perenne  
Lomelosia graminifolia  
Lomelosia stellata  
Lonicera periclymenum  
Lotus alpinus  
Lotus angustissimus  
Lotus conimbricensis  
Lotus corniculatus  
Lotus glacialis

Lotus glareosus  
Lotus maritimus  
Lotus ornithopodioides  
Lotus pedunculatus  
Lotus tenuis  
Lunaria rediviva  
Lupinus micranthus  
Luzula alpinopilosa  
Luzula alpinopilosa subsp. alpinopilosa  
Luzula caespitosa  
Luzula campestris aggr.  
Luzula confusa  
Luzula desvauxii  
Luzula multiflora  
Luzula nivalis  
Luzula pediformis  
Luzula pindica  
Luzula purpureosplendens  
Luzula spicata  
Luzula spicata  
Luzula sudetica  
Lycopus europaeus  
Lygeum spartum  
Lysimachia azorica  
Lysimachia ephemerum  
Lysimachia nummularia  
Lysimachia vulgaris  
Lythrum salicaria  
Lythrum virgatum  
Macrochloa tenacissima  
Malva tournefortiana  
Medicago arabica  
Medicago caerulea  
Medicago intertexta  
Medicago littoralis  
Medicago minima  
Medicago monspeliaca  
Medicago polymorpha  
Medicago prostrata  
Medicago rigidula  
Melampyrum cristatum  
Melampyrum nemorosum  
Melampyrum pratense  
Melampyrum sylvaticum  
Melampyrum velebeticum  
Melica ciliata  
Melica transsilvanica

Melilotus dentatus  
Melilotus indica  
Melilotus neapolitana  
Melittis melissophyllum  
Meniocus linifolius  
Mentha longifolia  
Mentha pulegium  
Mentha suaveolens  
Mesembryanthemum crystallinum  
Mesembryanthemum nodiflorum  
Meum athamanticum  
Microcnemum coralloides  
Micromeria graeca  
Micromeria varia  
Micromeria varia subsp. thymoides  
Micropus supinus  
Micropyrum patens  
Micropyrum tenellum  
Microrrhinum minus  
Minuartia glaucina  
Minuartia greuteriana  
Minuartia hamata  
Minuartia hybrida aggr.  
Minuartia langii  
Minuartia laricifolia  
Minuartia laricifolia subsp. ophiolitica  
Minuartia mediterranea  
Minuartia mesogitana  
Minuartia montana  
Minuartia recurva  
Minuartia setacea  
Minuartia verna  
Minuartia villarii  
Moenchia erecta  
Moenchia mantica  
Molineriella australis  
Molineriella laevis  
Molineriella minuta  
Molinia caerulea aggr.  
Molopospermum peloponnesiacum  
Moraea sisyrinchium  
Moricandia arvensis  
Mycobilimbia lurida  
Myosotis azorica  
Myosotis incrassata  
Myosotis latifolia  
Myosotis nemorosa

Myosotis ramosissima  
Myosotis scorpioides  
Myosotis soleirolii  
Myosotis stricta  
Myosoton aquaticum  
Nanophyton erinaceum  
Narcissus assoanus  
Narcissus bulbocodium  
Narcissus dubius  
Narcissus poeticus  
Nardus stricta  
Nasturtium microphyllum  
Neatostema apulum  
Neotinea ustulata  
Nepeta hispanica  
Nepeta ucranica  
Noaea mucronata  
Noccaea kovatsii  
Noccaea ochroleuca  
Noccaea perfoliata  
Noccaea praecox  
Nonea pulla  
Odontarrhena bertolonii  
Odontarrhena borzaeana  
Odontarrhena heldreichii  
Odontarrhena markgrafii  
Odontarrhena tortuosa  
Odontites holliana  
Odontites longiflora  
Odontites purpurea  
Odontites tenuifolius  
Odontites viscosus  
Oenanthe fistulosa  
Oenanthe lachenalii  
Oenanthe peucedanifolia  
Oenanthe pimpinelloides  
Oenanthe silaifolia  
Ofaiston monandrum  
Omphalodes commutata  
Omphalodes linifolia  
Onobrychis arenaria  
Onobrychis caput-galli  
Onobrychis montana  
Onobrychis pyrenaica  
Onobrychis viciifolia  
Ononis cintrana  
Ononis cristata

Ononis ornithopodioides  
Ononis pendula  
Ononis pubescens  
Ononis pusilla  
Ononis reclinata  
Ononis spinosa  
Ononis striata  
Ononis viscosa  
Onosma arenaria  
Onosma fastigiata  
Onosma simplicissima  
Ophioglossum azoricum  
Ophioglossum vulgatum  
Ophrys apifera  
Ophrys bombyliflora  
Ophrys holosericea  
Ophrys insectifera  
Ophrys lutea  
Ophrys omegaifera subsp. dyris  
Ophrys speculum  
Ophrys sphegodes  
Ophrys tenthredinifera  
Oreochloa disticha  
Orchis anthropophora  
Orchis mascula  
Orchis mascula subsp. scopulorum  
Orchis militaris  
Orchis purpurea  
Origanum vulgare  
Orlaya grandiflora  
Ornithogalum collinum  
Ornithogalum concinnum  
Ornithogalum narbonense  
Ornithopus compressus  
Ornithopus perpusillus  
Ornithopus pinnatus  
Orobanche teucrii  
Ortegia hispanica  
Otospermum glabrum  
Oxytropis campestris  
Oxytropis carpatica  
Oxytropis halleri  
Oxytropis neglecta  
Oxytropis pilosa  
Oxytropis purpurea  
Paeonia mascula  
Paeonia officinalis

Paeonia tenuifolia  
Pallenis spinosa  
Parafestuca albida  
Paragymnopteris marantae  
Parapholis strigosa  
Parentucellia latifolia  
Parietaria officinalis  
Paronychia argentea  
Paronychia cephalotes  
Paronychia cymosa  
Paronychia echinulata  
Pastinaca sativa  
Pedicularis comosa  
Pedicularis foliosa  
Pedicularis rostratocapitata  
Pedicularis sylvatica  
Pedicularis verticillata  
Periballia involucrata  
Pericallis appendiculata  
Pericallis aurita  
Pericallis cruenta  
Pericallis echinata  
Pericallis malvifolia  
Pericallis tussilaginis  
Petasites albus  
Petasites hybridus  
Petrorhagia prolifera  
Petrorhagia saxifraga  
Petrosimonia brachiata  
Petrosimonia brachyphylla  
Petrosimonia glaucescens  
Petrosimonia litwinowii  
Petrosimonia monandra  
Petrosimonia oppositifolia  
Petrosimonia triandra  
Peucedanum alsaticum  
Peucedanum arenarium  
Peucedanum cervaria  
Peucedanum coriaceum  
Peucedanum gallicum  
Peucedanum hispanicum  
Peucedanum officinale  
Peucedanum oreoselinum  
Peucedanum ostruthium  
Phagnalon rupestre  
Phagnalon saxatile  
Phalacrocarpum oppositifolium

Phalacrocarpum sericeum  
Phalaris aquatica  
Phalaris coerulescens  
Phalaroides arundinacea  
Phelipanche arenaria  
Phelipanche purpurea  
Phippsia algida  
Phleum alpinum aggr.  
Phleum ambiguum  
Phleum bertolonii  
Phleum pratense  
Phlomis herba-venti  
Phlomis lychnitis  
Phlomis tuberosa  
Pholiurus pannonicus  
Physalis alkekengi  
Phyteuma hemisphaericum  
Phyteuma orbiculare  
Phyteuma sieberi  
Phyteuma spicatum  
Pilosella aurantiaca  
Pilosella castellana  
Pilosella echioides  
Pilosella lactucella  
Pilosella officinarum  
Pilosella soleiroliana  
Pilosella vahlia  
Pimpinella dendrotragium  
Pimpinella major  
Pimpinella nigra  
Pimpinella saxifraga  
Pimpinella serbica  
Pimpinella tragium  
Pistorinia breviflora  
Pistorinia hispanica  
Plantago albicans  
Plantago alpina  
Plantago altissima  
Plantago amplexicaulis  
Plantago arborescens  
Plantago argentea  
Plantago atrata  
Plantago bellardi  
Plantago bellardii  
Plantago cornuti  
Plantago coronopus aggr.  
Plantago holosteum

Plantago lagopus  
Plantago lanceolata  
Plantago loeflingii  
Plantago major  
Plantago maritima  
Plantago media  
Plantago monosperma  
Plantago nivalis  
Plantago serraria  
Plantago subulata  
Plantago tenuiflora  
Platanthera bifolia  
Platycapnos tenuiloba subsp. parallela  
Poa alpina  
Poa arctica  
Poa badensis  
Poa balbisii  
Poa bulbosa  
Poa compressa  
Poa dolosa  
Poa glauca  
Poa granitica  
Poa chaixii  
Poa legionensis  
Poa nemoralis  
Poa perconcinna  
Poa pratensis aggr.  
Poa pumila  
Poa trivialis  
Podospermum canum  
Polygala alpestris  
Polygala amara  
Polygala amarella  
Polygala comosa  
Polygala cretacea  
Polygala edmundii  
Polygala major  
Polygala monspeliaca  
Polygala serpyllifolia  
Polygala vulgaris  
Polygonatum odoratum  
Polygonum albanicum  
Polygonum arenarium  
Polytrichum piliferum  
Pontechium maculatum  
Potentilla anglica  
Potentilla argentea



Potentilla astracanica  
Potentilla asturica  
Potentilla aurea  
Potentilla brauneana  
Potentilla calabra  
Potentilla crantzii  
Potentilla erecta  
Potentilla heptaphylla  
Potentilla heptaphylla subsp. australis  
Potentilla hirta  
Potentilla hyparctica  
Potentilla incana  
Potentilla nevadensis  
Potentilla reptans  
Potentilla reuteri  
Potentilla rigoana  
Potentilla tabernaemontani  
Potentilla visianii  
Primula clusiana  
Primula elatior  
Primula integrifolia  
Primula minima  
Primula veris  
Prunella grandiflora  
Prunella hyssopifolia  
Prunella laciniata  
Prunella vulgaris  
Psathyrostachys juncea  
Pseudoturritis turrita  
Psilurus incurvus  
Psora decipiens  
Pterocephalidium diandrum  
Ptilostemon stellatus  
Puccinellia caespitosa  
Puccinellia distans  
Puccinellia dolicholepis  
Puccinellia fasciculata  
Puccinellia festuciformis  
Puccinellia hispanica  
Pulicaria dysenterica  
Pulicaria vulgaris  
Pulmonaria longifolia  
Pulsatilla alpina  
Pulsatilla halleri  
Racomitrium canescens  
Racomitrium elongatum  
Ranunculus abnormis

Ranunculus acetosellifolius  
Ranunculus aconitifolius  
Ranunculus acris  
Ranunculus alpestris  
Ranunculus breyninus  
Ranunculus bulbosus  
Ranunculus bullatus  
Ranunculus cortusifolius  
Ranunculus crenatus  
Ranunculus demissus  
Ranunculus glacialis  
Ranunculus gramineus  
Ranunculus granatensis  
Ranunculus hybridus  
Ranunculus illyricus  
Ranunculus macrophyllus  
Ranunculus marginatus  
Ranunculus montanus  
Ranunculus neapolitanus  
Ranunculus nivalis  
Ranunculus ophioglossifolius  
Ranunculus paludosus  
Ranunculus paludosus subsp. flabellatus  
Ranunculus pedatus  
Ranunculus platanifolius  
Ranunculus pollinensis  
Ranunculus polyanthemus  
Ranunculus pseudomillefoliatus  
Ranunculus pseudomontanus  
Ranunculus pygmaeus  
Ranunculus pyrenaicus  
Ranunculus repens  
Ranunculus sardous  
Ranunculus sartorianus  
Ranunculus sulphureus  
Ranunculus thora  
Ranunculus velutinus  
Reichardia picroides  
Reseda phyteuma  
Reseda virgata  
Rhaponticoides ruthenica  
Rhaponticum coniferum  
Rhaponticum repens  
Rhaponticum scariosum subsp. rhaponticum  
Rhinanthus alectorolophus  
Rhinanthus angustifolius  
Rhinanthus gracilis

Rhinanthus mediterraneus  
Rhinanthus minor  
Rhodiola rosea  
Romulea bulbocodium  
Romulea columnae  
Romulea linaresii  
Romulea ramiflora  
Rorippa sylvestris  
Rorippa thracica  
Rostraria azorica  
Rubus caesius  
Rubus ulmifolius  
Rumex acetosa  
Rumex alpinus  
Rumex arifolius  
Rumex bucephalophorus  
Rumex bucephalophorus subsp. canariensis  
Rumex conglomeratus  
Rumex crispus  
Rumex maderensis  
Rumex thyrsiflorus  
Ruta angustifolia  
Ruta graveolens  
Sagina maritima  
Sagina merinoi  
Sagina pilifera  
Sagina saginoides  
Salicornia emerici  
Salicornia europaea aggr.  
Salicornia patula  
Salicornia perennans  
Salix herbacea  
Salix polaris  
Salsola acutifolia  
Salsola dendroides  
Salsola foliosa  
Salsola laricina  
Salsola nitraria  
Salsola orientale  
Salsola paulsenii  
Salsola soda  
Salvia aethiopis  
Salvia austriaca  
Salvia glutinosa  
Salvia nemorosa  
Salvia nutans  
Salvia officinalis

Salvia pratensis  
Salvia verbenaca  
Salvia verticillata  
Sanguisorba lateriflora  
Sanguisorba minor  
Sanguisorba officinalis  
Saponaria caespitosa  
Satureja montana  
Satureja subspicata  
Saussurea alpina  
Saussurea pygmaea  
Saxifraga androsacea  
Saxifraga bulbifera  
Saxifraga caesia  
Saxifraga cernua  
Saxifraga conifera  
Saxifraga maderensis  
Saxifraga nivalis  
Saxifraga oppositifolia  
Saxifraga paniculata  
Saxifraga rivularis  
Saxifraga rotundifolia  
Saxifraga stellaris  
Saxifraga tenuis  
Saxifraga tridactylites  
Saxifraga wahlenbergii  
Scabiosa canescens  
Scabiosa columbaria  
Scabiosa leucophylla  
Scabiosa nitens  
Scabiosa triandra  
Scabiosa ucrainica  
Scilla litardierei  
Scilla nivalis  
Scirpoides holoschoenus  
Scirpus sylvaticus  
Scleranthus delortii  
Scleranthus perennis  
Scleranthus perennis subsp. burnatii  
Scorpiurus muricatus  
Scorpiurus vermiculatus  
Scorzonera austriaca  
Scorzonera cretica  
Scorzonera ensifolia  
Scorzonera humilis  
Scorzonera parviflora  
Scorzonera villosa

Scorzoneroides autumnalis  
Scorzoneroides cantabrica  
Scorzoneroides carpetana  
Scorzoneroides cichoriacea  
Scorzoneroides helvetica  
Scorzoneroides microcephala  
Scorzoneroides pyrenaica  
Scrophularia auriculata  
Scrophularia canina  
Scrophularia cretacea  
Scrophularia scopolii  
Scrophularia smithii  
Scrophularia umbrosa  
Scutellaria hastifolia  
Schedonorus arundinaceus  
Schedonorus giganteus  
Schedonorus pratensis  
Schoenoplectus lacustris subsp. glaucus  
Schoenus nigricans  
Secale sylvestre  
Securigera varia  
Sedum acre  
Sedum album  
Sedum alpestre  
Sedum andegavense  
Sedum anglicum  
Sedum annuum  
Sedum arenarium  
Sedum brevifolium  
Sedum caespitosum  
Sedum candolleanum  
Sedum forsterianum  
Sedum hispanicum  
Sedum melanantherum  
Sedum ochroleucum  
Sedum pedicellatum  
Sedum rupestre  
Sedum sartorianum  
Sedum sediforme  
Sedum serpentini  
Sedum sexangulare  
Selinum carvifolia  
Selinum dubium  
Sempervivum arachnoideum  
Sempervivum calcareum  
Sempervivum montanum  
Senecio carpetanus

*Senecio doria* aggr.  
*Senecio doronicum*  
*Senecio lagascanus*  
*Senecio procerus*  
*Senecio provincialis*  
*Serapias vomeracea* aggr.  
*Serratula tinctoria*  
*Sesamoides purpurascens*  
*Seseli annuum*  
*Seseli leucospermum*  
*Seseli libanotis*  
*Seseli montanum*  
*Seseli osseum*  
*Seseli tortuosum*  
*Sesleria caerulea*  
*Sesleria coerulans*  
*Sherardia arvensis*  
*Sesleria rigida*  
*Sesleria nitida*  
*Sesleria latifolia*  
*Sesleria juncifolia*  
*Sibbaldia procumbens*  
*Sideritis glacialis*  
*Sideritis hyssopifolia*  
*Sideritis raeseri*  
*Sideritis romana*  
*Silaum silaus*  
*Silene almolae*  
*Silene armeria*  
*Silene baccifera*  
*Silene bupleuroides* subsp. *staticifolia*  
*Silene ciliata*  
*Silene conica*  
*Silene coronaria*  
*Silene cretacea*  
*Silene dioica*  
*Silene flos-cuculi*  
*Silene germana*  
*Silene chlorantha*  
*Silene inaperta*  
*Silene italica*  
*Silene legionensis*  
*Silene mariana*  
*Silene otites* aggr.  
*Silene portensis*  
*Silene psammitis*  
*Silene rupestris*

*Silene scabriflora*  
*Silene supina*  
*Silene uniflora*  
*Sinapidendron frutescens*  
*Sisymbrium supinum*  
*Smyrnum perfoliatum*  
*Soldanella alpina*  
*Soldanella carpatica*  
*Soldanella minima*  
*Solidago gigantea*  
*Solidago virgaurea*  
*Sonchus crassifolius*  
*Sonchus maritimus*  
*Spergula morisonii*  
*Spergularia diandra*  
*Spergularia marina*  
*Spergularia media*  
*Sphenopus divaricatus*  
*Stachys alopecuros*  
*Stachys officinalis*  
*Stachys palustris*  
*Stachys recta*  
*Stachys recta* subsp. *baldaccii*  
*Stachys scardica*  
*Stachys serotina*  
*Stachys sylvatica*  
*Stereocaulon condensatum*  
*Stipa anomala*  
*Stipa apertifolia*  
*Stipa austroitalica*  
*Stipa barbata*  
*Stipa borysthenica*  
*Stipa capensis*  
*Stipa capillata*  
*Stipa cazorlensis*  
*Stipa clausa*  
*Stipa dasyphylla*  
*Stipa dasyvaginata*  
*Stipa eriocaulis*  
*Stipa etrusca*  
*Stipa iberica*  
*Stipa juncea*  
*Stipa korshinskyi*  
*Stipa lagascae*  
*Stipa lessingiana*  
*Stipa offneri*  
*Stipa parviflora*

*Stipa pennata*  
*Stipa pulcherrima*  
*Stipa tirsia*  
*Stipa ucrainica*  
*Stipa zalesskii*  
*Suaeda acuminata*  
*Suaeda braun-blanquetii*  
*Suaeda corniculata*  
*Suaeda dendroides*  
*Suaeda maritima*  
*Suaeda physophora*  
*Suaeda prostrata*  
*Suaeda splendens*  
*Suaeda vera*  
*Succisa pratensis*  
*Succisella andreae-molinae*  
*Symphotrichum lanceolatum*  
*Symphytum officinale*  
*Syntrichia ruralis*  
*Tanacetum achilleifolium*  
*Tanacetum corymbosum*  
*Tanacetum vulgare*  
*Taraxacum apenninum*  
*Taraxacum aragonicum*  
*Taraxacum besarabicum*  
*Taraxacum bithynicum*  
*Taraxacum croceum*  
*Taraxacum obovatum*  
*Taraxacum* sect. *Erythrosperma*  
*Taraxacum* sect. *Taraxacum*  
*Taraxacum serotinum*  
*Teesdalia conferta*  
*Teesdalia coronopifolia*  
*Teesdalia nudicaulis*  
*Telekia speciosa*  
*Tephrosieris elodes*  
*Tephrosieris longifolia*  
*Teucrium botrys*  
*Teucrium francoi*  
*Teucrium chamaedrys*  
*Teucrium luteum*  
*Teucrium montanum*  
*Teucrium polium* aggr.  
*Teucrium pseudochamaepitys*  
*Teucrium scordium*  
*Teucrium scorodonia*  
*Thalictrum alpinum*



Thalictrum aquilegifolium  
Thalictrum flavum  
Thalictrum lucidum  
Thalictrum minus  
Thalictrum simplex  
Thalictrum speciosissimum  
Thapsia garganica  
Thapsia villosa  
Thelypteris limbosperma  
Thesium alpinum  
Thesium catalaunicum  
Thesium divaricatum  
Thesium linophyllum  
Thesium parnassi  
Thuidium philiberti  
Thymelaea passerina  
Thymelaea tinctoria  
Thymus bracteatus  
Thymus caespitosus  
Thymus calcareus  
Thymus ciliatopubescens  
Thymus comosus  
Thymus godayanus  
Thymus leptophyllus subsp. izcoi  
Thymus longicaulis  
Thymus mastigophorus  
Thymus nervosus  
Thymus orospedanus  
Thymus pallasianus  
Thymus pannonicus aggr.  
Thymus praecox  
Thymus pulegioides  
Thymus pulcherrimus  
Thymus serpyllum  
Thymus spinulosus  
Thymus striatus  
Thymus vulgaris  
Thymus willkommii  
Thymus zygis  
Tolpis azorica  
Tolpis barbata  
Tolpis umbellata  
Tortella inclinata  
Tortella rigens  
Tortella tortuosa  
Tragopogon floccosus  
Tragopogon pratensis

Tragopogon tommasinii  
Trachynia distachya  
Trifolium alpestre  
Trifolium alpinum  
Trifolium angulatum  
Trifolium arvense  
Trifolium badium  
Trifolium bivonae  
Trifolium bocconeii  
Trifolium campestre  
Trifolium cernuum  
Trifolium cinctum  
Trifolium dalmaticum  
Trifolium dubium  
Trifolium fragiferum  
Trifolium gemellum  
Trifolium glomeratum  
Trifolium heldreichianum  
Trifolium cherleri  
Trifolium incarnatum  
Trifolium lappaceum  
Trifolium medium  
Trifolium micranthum  
Trifolium michelianum  
Trifolium montanum  
Trifolium nigrescens  
Trifolium noricum  
Trifolium ochroleucon  
Trifolium pallescens  
Trifolium pallidum  
Trifolium parnassii  
Trifolium patens  
Trifolium phleoides  
Trifolium pratense  
Trifolium repens  
Trifolium resupinatum  
Trifolium retusum  
Trifolium rubens  
Trifolium scabrum  
Trifolium stellatum  
Trifolium striatum  
Trifolium strictum  
Trifolium subterraneum  
Trifolium suffocatum  
Trifolium sylvaticum  
Trifolium thalii  
Trifolium tomentosum

Triglochin maritima  
Triglochin palustris  
Trigonella gladiata  
Trinia dalechampii  
Trinia glauca  
Trinia guicciardii  
Tripolium pannonicum  
Trisetaria loeflingiana  
Trisetaria ovata  
Trisetaria scabriuscula  
Trisetum conradiae  
Trisetum flavescens  
Trisetum glaciale  
Trisetum spicatum  
Trisetum velutinum  
Trollius europaeus  
Tropaeolum majus  
Tuberaria guttata  
Tulipa biebersteiniana  
Urospermum picroides  
Urtica dioica  
Vahlodea atropurpurea  
Valeriana excelsa  
Valeriana officinalis  
Valeriana pyrenaica  
Valeriana stolonifera  
Valeriana tuberosa  
Valerianella eriocarpa  
Valerianella multidentata  
Valerianella ramosa  
Velezia rigida  
Vella pseudocytisus  
Veratrum album  
Verbascum glabratum  
Verbascum chaixii  
Verbascum phoeniceum  
Veronica alpina  
Veronica aphylla  
Veronica austriaca  
Veronica barrelieri  
Veronica dabneyi  
Veronica dillenii  
Veronica fruticans  
Veronica chamaedrys  
Veronica longifolia  
Veronica officinalis  
Veronica praecox

Veronica prostrata  
Veronica repens  
Veronica serpyllifolia  
Veronica tenuifolia  
Veronica verna  
Vicia capreolata  
Vicia cassubica  
Vicia cracca  
Vicia dumetorum  
Vicia lathyroides  
Vicia lutea  
Vicia orobus  
Vicia pisiformis  
Vicia sylvatica  
Vincetoxicum hirundinaria  
Viola alba  
Viola biflora  
Viola canina  
Viola cornuta  
Viola elatior  
Viola hirta  
Viola odorata  
Viola paradoxa  
Viola parvula  
Viola pumila  
Viola reichenbachiana  
Viola stagnina  
Viola tricolor aggr.  
Vulpia bromoides  
Vulpia ciliata  
Vulpia ligustica  
Vulpia muralis  
Vulpia myuros  
Vulpia sicula  
Vulpia unilateralis  
Wangenheimia lima  
Xanthoparmelia conspersa  
Xeranthemum annuum

##D +10 H-Inland-sparsely-vegetated

Acantholimon ulicinum  
Aconogonon alpinum  
Achillea abrotanoides  
Achillea ageratifolia subsp. aizoon  
Achillea ambrosiaca  
Achillea atrata  
Achillea barrelieri

*Achillea chamaemelifolia*  
*Achillea clusiana*  
*Achillea cretica*  
*Achillea erba-rotta*  
*Achillea nana*  
*Achillea oxyloba*  
*Achillea pindicola* subsp. *integrifolia*  
*Achnatherum calamagrostis*  
*Adenostyles alpina*  
*Adiantum capillus-veneris*  
*Adiantum reniforme*  
*Adonis distorta*  
*Aeonium aureum*  
*Aeonium balsamiferum*  
*Aeonium canariense*  
*Aeonium castello-paivae*  
*Aeonium cuneatum*  
*Aeonium decorum*  
*Aeonium diplocyclum*  
*Aeonium glandulosum*  
*Aeonium glutinosum*  
*Aeonium gomerense*  
*Aeonium goochiae*  
*Aeonium haworthii*  
*Aeonium hierrense*  
*Aeonium holochrysum*  
*Aeonium lancerottense*  
*Aeonium manriqueorum*  
*Aeonium mascaense*  
*Aeonium nobile*  
*Aeonium palmense*  
*Aeonium percarneum*  
*Aeonium rubrolineatum*  
*Aeonium saundersii*  
*Aeonium sedifolium*  
*Aeonium simsii*  
*Aeonium smithii*  
*Aeonium spathulatum*  
*Aeonium subplanum*  
*Aeonium tabulaeforme*  
*Aeonium undulatum*  
*Aeonium urbicum*  
*Aeonium valverdense*  
*Aeonium vestitum*  
*Aeonium virgineum*  
*Aeonium viscatum*  
*Agrostis schraderiana*

Agrostis rupestris  
Agrostis castellana  
Agrostis canina subsp. monteluccii  
Aethionema stylosum  
Aethionema spicatum  
Aethionema speciosum  
Aethionema schistosum  
Aethionema saxatile  
Aethionema lycium  
Aethionema cordatum  
Aeonium x meyerheimii  
Aeonium x burchardii  
Aichryson bethencourtianum  
Aichryson bituminosum  
Aichryson bollei  
Aichryson brevipetalum  
Aichryson divaricatum  
Aichryson dumosum  
Aichryson laxum  
Aichryson pachycaulon  
Aichryson pachycaulon subsp. immaculatum  
Aichryson parlatorei  
Aichryson punctatum  
Aichryson tortuosum  
Aichryson villosum  
Ajuga chamaepitys subsp. glareosa  
Alchemilla alpina  
Alchemilla crenulata  
Alchemilla decumbens  
Alchemilla ellenbergiana  
Alchemilla glabra  
Alchemilla saxatilis  
Alchemilla serratisaxatilis  
Allagopappus canariensis  
Allium antonii-bolosii  
Allium grosii  
Allium palentinum  
Allium tauricola  
Allosorus acrosticus  
Allosorus fragilis  
Allosorus guanchicus  
Allosorus hispanicus  
Allosorus persicus  
Allosorus pteridioides  
Allosorus tinaei  
Alopecurus magellanicus  
Alopecurus textilis

Alyssoides cretica  
Alyssum argyrophyllum  
Alyssum cuneifolium  
Alyssum fastigiatum  
Alyssum handelii  
Alyssum chondrogynum  
Alyssum repens  
Alyssum scardicum  
Alyssum sphacioticum  
Alyssum troodi  
Alyssum wulfenianum subsp. ovirense  
Amelanchier parviflora  
Anarrhinum bellidifolium  
Androsace alpina  
Androsace ciliata  
Androsace cylindrica  
Androsace hausmannii  
Androsace hedraeantha  
Androsace helvetica  
Androsace lactea  
Androsace multiscapa  
Androsace vandellii  
Androsace villosa  
Androsace wulfeniana  
Andryala crithmifolia  
Andryala glandulosa  
Andryala ragusina  
Anogramma leptophylla  
Anthemis aetnensis  
Anthemis pindicola  
Anthemis plutonia  
Anthericum ramosum  
Anthriscus kotschyi  
Anthriscus sylvestris  
Antirrhinum grosii  
Antirrhinum hispanicum subsp. mollissimum  
Antirrhinum majus  
Antirrhinum microphyllum  
Antirrhinum pertegasii  
Antirrhinum pulverulentum  
Antirrhinum subbaeticum  
Antirrhinum valentinum  
Aquilegia bernardii  
Aquilegia cazorlensis  
Aquilegia discolor  
Aquilegia pyrenaica  
Arabidopsis arenosa

Arabidopsis neglecta  
Arabidopsis petraea  
Arabidopsis thaliana  
Arabis alpina  
Arabis bryoides  
Arabis caerulea  
Arabis ferdinandi-coburgii  
Arabis glabra  
Arabis pumila  
Arabis pumila subsp. stellulata  
Arenaria balansae  
Arenaria balearica  
Arenaria bertolonii  
Arenaria ciliata  
Arenaria conferta  
Arenaria cretica  
Arenaria deflexa  
Arenaria humifusa  
Arenaria kotschyana  
Arenaria norvegica  
Arenaria norvegica subsp. norvegica  
Arenaria pamphylica  
Arenaria pseudofrigida  
Arenaria tmolea  
Arenaria uninervia  
Argyranthemum tenerifae  
Armeria alpina  
Armeria leucocephala  
Armeria maritima  
Arrhenatherum album  
Artemisia genipi  
Artemisia glacialis  
Artemisia chamaemelifolia subsp. cantabrica  
Artemisia norvegica  
Artemisia umbelliformis  
Asarina procumbens  
Asperula arcadiensis  
Asperula boissieri  
Asperula boryana  
Asperula hirta  
Asperula idaea  
Asperula muscosa  
Asperula pauu subsp. dianensis  
Asperula pauu subsp. pauu  
Asperula pubescens  
Asperula serotina  
Asperula stricta subsp. grandiflora



Asperula tournefortii  
Asplenium adiantum-nigrum  
Asplenium adiantum-nigrum subsp. adiantum-nigrum  
Asplenium adiantum-nigrum subsp. onopteris  
Asplenium adiantum-nigrum subsp. serpentini  
Asplenium adiantum-nigrum x alternifolium  
Asplenium adulterinum  
Asplenium aegaeum  
Asplenium aethiopicum subsp. aethiopicum  
Asplenium aethiopicum subsp. braitwaitii  
Asplenium alternifolium  
Asplenium aureum  
Asplenium balearicum  
Asplenium ceterach  
Asplenium creticum  
Asplenium fissum  
Asplenium fontanum  
Asplenium foreziense  
Asplenium hemionitis  
Asplenium lepidum  
Asplenium lolegnamense  
Asplenium marinum  
Asplenium monanthes  
Asplenium obovatum  
Asplenium petrarchae  
Asplenium ruta-muraria  
Asplenium sagittatum  
Asplenium scolopendrium  
Asplenium seelosii  
Asplenium septentrionale  
Asplenium tadei  
Asplenium trichomanes  
Asplenium trichomanes subsp. maderense  
Asplenium trichomanes x alternifolium  
Asplenium viride  
Astragalus alpinus  
Astragalus haussknechtii  
Astragalus oxytropifolius  
Astragalus pelliger  
Asyneuma compactum  
Asyneuma limonifolium  
Asyneuma linifolium subsp. linifolium  
Asyneuma lycium  
Athamanta cervariifolia  
Athamanta cretensis  
Athamanta vayredana  
Athyrium distentifolium

Aubrieta canescens  
Aubrieta deltoidea  
Aubrieta thessala  
Aurinia corymbosa  
Aurinia saxatilis  
Avenella flexuosa  
Babcockia platylepis  
Ballota frutescens  
Bellardiochloa variegata  
Bellium bellidioides  
Bethencourtia palmensis  
Biscutella frutescens  
Biscutella neustriaca  
Biscutella valentina  
Blackstonia perfoliata  
Borago pygmaea  
Bornmuellera baldaccii subsp. baldaccii  
Bornmuellera baldaccii subsp. rechingeri  
Brachypodium pinnatum  
Brachypodium rupestre  
Brachypodium sylvaticum  
Brassica balearica  
Brassica cretica  
Braya linearis  
Braya purpurascens  
Bubon albanicum  
Bubon macedonicum  
Bufonia calyculata  
Bufonia macropetala  
Bunium alpinum  
Bunium macuca  
Bunium microcarpum  
Bupleurum barceloi  
Bupleurum kakiskalae  
Bupleurum ranunculoides  
Bupleurum stellatum  
Calamagrostis varia  
Campanula affinis  
Campanula aizoon  
Campanula arvatica  
Campanula celsii  
Campanula cespitosa  
Campanula cochleariifolia  
Campanula cretica  
Campanula cymbalaria  
Campanula hawkinsiana  
Campanula isaurica

Campanula jaubertiana  
Campanula laciniata  
Campanula mollis  
Campanula oreadum  
Campanula pelviformis  
Campanula pulla  
Campanula rotundifolia  
Campanula rotundifolia subsp. hispanica  
Campanula rupestris  
Campanula rupicola  
Campanula samothracica  
Campanula tubulosa  
Campanula versicolor  
Campanula wanneri  
Capparis orientalis  
Cardamine carnosa  
Cardamine glauca  
Cardamine plumierii  
Cardamine resedifolia  
Carduus carlinoides  
Carex bigelowii  
Carex brachystachys  
Carex capillaris  
Carex distans  
Carex fuliginosa  
Carex glacialis  
Carex ornithopoda  
Carex rorulenta  
Carex rupestris  
Carum meoides  
Castroviejoa frigida  
Centaurea argentea  
Centaurea avilae  
Centaurea boissieri  
Centaurea cariensis  
Centaurea clementei  
Centaurea cyprensis  
Centaurea delucaae  
Centaurea deustiformis  
Centaurea drabifolia  
Centaurea idaea  
Centaurea lancifolia  
Centaurea mariana  
Centaurea ossaea  
Centaurea parlatoris  
Centaurea pectinata  
Centaurea poculatoris

Centaurea prolongoi  
Centaurea redempta  
Centaurea resupinata  
Centaurea rouyi  
Centaurea rupestris s.l.  
Centaurea saxicola  
Centaurea segariensis  
Centranthus calcitrapae  
Centranthus lecoqii  
Centranthus nevadensis subsp. nevadensis  
Centranthus ruber  
Cephalaria squamiflora subsp. balearica  
Cephalaria squamiflora subsp. mediterranea  
Cerastium alpinum  
Cerastium carinthiacum  
Cerastium cerastoides  
Cerastium gnaphalodes  
Cerastium nigrescens  
Cerastium pedunculatum  
Cerastium pyrenaicum  
Cerastium regelii  
Cerastium soleirolii  
Cerastium thomasii  
Cerastium tomentosum  
Cerastium transsilvanicum  
Cerastium uniflorum  
Chaenorhinum organifolium  
Chaenorhinum organifolium subsp. segoviense  
Chaenorhinum tenellum  
Chiliadenus glutinosus  
Cicer incisum  
Clinopodium rouyanum  
Clinopodium serpyllifolium subsp. fruticosum  
Clinopodium troodi  
Cochlearia aragonensis subsp. navarrana  
Cochlearia tatrae  
Coincya monensis  
Conopodium bunioides  
Conopodium thalictrifolium  
Corydalis blanda subsp. parnassica  
Corydalis rutifolia  
Corydalis solida subsp. incisa  
Corydalis uniflora  
Cosentinia vellea  
Crambe arborea  
Crambe filiformis  
Crambe laevigata

Crambe scaberrima  
Crepis auriculifolia  
Crepis frigida  
Crepis granatensis  
Crepis oporinoides  
Crepis pygmaea  
Crepis sibthorpiana  
Crepis triasii  
Crepis vesicaria subsp. andryaloides  
Crepis willdenowii  
Cresis vesicaria  
Crocus cambessedesii  
Cryptogramma crispa  
Cyanus bourgaei  
Cyclotrichium origanifolium  
Cymbalaria muralis  
Cynoglossum troodii  
Cyrtomium falcatum  
Cystopteris fragilis  
Cystopteris fragilis subsp. alpina  
Cystopteris fragilis subsp. diaphana  
Cystopteris fragilis subsp. dickieana  
Cystopteris montana  
Danthoniastrum compactum  
Davallia canariensis  
Degenia velebitica  
Delphinium oxysepalum  
Dendriopoterium menendezii  
Dianthus elegans  
Dianthus fruticosus  
Dianthus graniticus  
Dianthus henteri  
Dianthus juniperinus  
Dianthus nitidus  
Dianthus petraeus  
Dianthus pyrenaicus  
Dianthus rupicola  
Dianthus sphacioticus  
Dianthus strictus subsp. multipunctatus  
Dianthus strictus subsp. strictus  
Dianthus strictus subsp. troodi  
Dianthus sylvestris  
Dianthus tristis  
Dianthus xylorrhizus  
Digitalis dubia  
Digitalis purpurea  
Digitalis thapsi

Dioscorea pyrenaica  
Dittrichia viscosa  
Doronicum cacaliifolium  
Doronicum carpaticum  
Doronicum clusii  
Doronicum grandiflorum  
Doronicum grandiflorum subsp. braunblanquetii  
Dorystaechas hastata  
Draba acaulis  
Draba aizoides  
Draba corymbosa  
Draba cretica  
Draba daurica  
Draba dubia  
Draba fladnizensis  
Draba incana  
Draba kotschyi  
Draba lacaitae  
Draba lasiocarpa  
Draba loiseleurii  
Draba nivalis  
Draba norvegica  
Draba pauciflora  
Draba sauteri  
Draba scardica  
Draba tomentosa  
Dryas octopetala  
Drymocallis malacophylla  
Dryopteris mindshelkensis  
Dryopteris oreades  
Dryopteris pallida  
Dryopteris tyrrhena  
Dryopteris villarii  
Drypis spinosa  
Ebenus cretica  
Echium albicans  
Elytrigia lazica subsp. divaricata  
Elytrigia tauri  
Epilobium angustifolium  
Epilobium collinum  
Epilobium latifolium  
Equisetum scirpoides  
Equisetum variegatum  
Erigeron acris  
Erigeron karvinskianus  
Erigeron paolii  
Erigeron schleicheri

*Eritrichium nanum*  
*Erodium reichardii*  
*Erodium rupicola*  
*Erucastrum nasturtiifolium*  
*Eryngium glaciale*  
*Eryngium ternatum*  
*Erysimum candicum*  
*Erysimum duriaei*  
*Erysimum gorbeanum*  
*Erysimum hieraciifolium*  
*Erysimum humile*  
*Erysimum rhaeticum*  
*Eupatorium cannabinum*  
*Euphorbia cassia* subsp. *cassia*  
*Euphorbia cassia* subsp. *rigoi*  
*Euphorbia deflexa*  
*Euphorbia esula*  
*Euphorbia herniariifolia*  
*Euphorbia nevadensis* subsp. *aragonensis*  
*Euphorbia nevadensis* subsp. *bolosii*  
*Euphorbia pestalozzae*  
*Festuca adanensis*  
*Festuca agustini*  
*Festuca alpina*  
*Festuca anatolica*  
*Festuca glacialis*  
*Festuca picturata*  
*Festuca pseudosupina*  
*Festuca pyrenaica*  
*Festuca sardo*  
*Festuca stenantha*  
*Festuca vivipara*  
*Festuca xanthina*  
*Ficus carica*  
*Fritillaria crassifolia* subsp. *crassifolia*  
*Fumana paphlagonica*  
*Galatella cretica*  
*Galeopsis angustifolia*  
*Galeopsis ladanum*  
*Galeopsis pyrenaica*  
*Galeopsis segetum*  
*Galeopsis tetrahit*  
*Galium baldense*  
*Galium canum*  
*Galium cespitosum*  
*Galium cilicicum*  
*Galium cometerhizon*

Galium corrudifolium  
Galium corsicum  
Galium crespianum  
Galium degenii  
Galium erythrorrhizon  
Galium fleurotii  
Galium fruticosum  
Galium graecum  
Galium incanum  
Galium megalospermum  
Galium noricum  
Galium normanii  
Galium productum  
Galium pyrenaicum  
Galium rosellum  
Galium stojanovii  
Galium verum  
Gentiana frigida  
Gentiana nivalis  
Geocaryum cynapioides  
Geranium glaberrimum  
Geranium macrorrhizum  
Geranium purpureum  
Geranium robertianum  
Geranium subcaulescens  
Geum reptans  
Globularia majoricensis  
Gnaphalium hoppeanum  
Gnaphalium leucopilinum  
Gnaphalium pichleri  
Gouffeia arenarioides  
Grafia golaka  
Greenovia dodrentalis  
Gymnocarpium robertianum  
Gypsophila montserratii  
Gypsophila petraea  
Gypsophila repens  
Habenaria tridactylites  
Halacsya sendtneri  
Hedysarum cyprium  
Hedysarum erythroleucum  
Heldreichia bourgaei  
Heldreichia bupleurifolia  
Heldreichia rotundifolia  
Helianthemum hymettium  
Helichrysum crassifolium  
Helichrysum heldreichii



Helichrysum melitense  
Helichrysum orientale  
Helictochloa crassifolia  
Heracleum humile  
Hieracium alpinum  
Hieracium amplexicaule  
Hieracium aragonense  
Hieracium bifidum  
Hieracium bourgaei subsp. baeticum  
Hieracium bupleuroides  
Hieracium candidum  
Hieracium carpetanum  
Hieracium elisaeaeum  
Hieracium humile  
Hieracium laniferum  
Hieracium lawsonii  
Hieracium loscosianum  
Hieracium mixtum  
Hieracium pannosum  
Hieracium sartorianum  
Hieracium scapigerum  
Hieracium schmidtii  
Hieracium texedense  
Hippocrepis balearica  
Hippocrepis valentina  
Hirtellina fruticosa  
Hirtinella lobelii  
Holcus annuus  
Hormathophylla cadevalliana  
Hormathophylla cochleata subsp. baetica  
Hormathophylla purpurea  
Hormathophylla reverchonii  
Hornungia alpina  
Huperzia selago  
Hyacinthella millingenii  
Hylotelephium anacampseros  
Hylotelephium maximum  
Hylotelephium telephium  
Hyoscyamus albus  
Hypericum aciferum  
Hypericum amblycalyx  
Hypericum confertum  
Hypericum crenulatum  
Hypericum cuisinii  
Hypericum grandifolium  
Hypericum hircinum  
Hypericum jovis

Hypericum nummularium  
Hypericum origanifolium  
Hypochaeris robertia  
Hypochaeris oligocephala  
Hypericum taygeteum  
Hypericum reflexum  
Iberis carnosae  
Iberis ciliata  
Iberis gibraltaria  
Iberis simplex  
Iberis spathulata  
Iberis violletii  
Inula candida  
Inula heterolepis  
Inula methanaea  
Inula oxylepis  
Inula parnassica  
Inula pseudolimonella  
Inula verbascifolia  
Jacobaea gnaphalioides  
Jacobaea incana subsp. carniolica  
Jacobaea leucophylla  
Jankaea heldreichii  
Jasione crispa  
Jasione foliosa  
Jovibarba heuffelii  
Juncus trifidus  
Jurinea fontqueri  
Jurinea moschus subsp. moschus  
Kenera saxatilis  
Kobresia simpliciuscula  
Lactuca acanthifolia  
Lactuca glareosa  
Lactuca intricata  
Lactuca muralis  
Lactuca singularis  
Lactuca tenerrima  
Lactuca viminea  
Lafuentea rotundifolia  
Lamium eriocephalum  
Lamium garganicum  
Laserpitium gallicum  
Laserpitium petrophilum  
Leontodon hyoseroides  
Lepidium villarsii subsp. anticarium  
Leucanthemum atratum aggr.  
Leucanthemum coronopifolium subsp. ceratophylloides

Leucanthemum corsicum  
Leucanthemum laciniatum  
Leucanthemum monspeliense  
Leucopoa dimorpha  
Leucopoa pulchella  
Leucopoa spectabilis subsp. affinis  
Ligusticum ferulaceum  
Linaria aeruginea  
Linaria alpina  
Linaria anticaria  
Linaria badalii  
Linaria capraria  
Linaria cavanillesii  
Linaria corifolia  
Linaria filicaulis  
Linaria glacialis  
Linaria microsepala  
Linaria propinqua  
Linaria purpurea  
Linaria repens  
Linaria saxatilis  
Linaria supina  
Linaria verticillata  
Lindbergella sintenisii  
Linum arboreum  
Lomelosia albocincta  
Lomelosia crenata  
Lomelosia cretica  
Lomelosia hymettia  
Lomelosia minoana  
Lomelosia sphaciotica subsp. sphaciotica  
Lomelosia variifolia  
Luzula alpinopilosa  
Luzula arcuata  
Luzula confusa  
Luzula spicata  
Macrotomia densiflora  
Malcolmia orsiniana subsp. angulifolia  
Matthiola maderensis  
Mattiastrum lithospermifolium  
Melica ciliata  
Melica rectiflora  
Micromeria filiformis  
Micromeria myrtifolia  
Micromeria teneriffae  
Micromeria varia  
Micromeria varia subsp. thymoides

*Microrrhinum minus*  
*Michauxia tchihatcheffii*  
*Minuartia attica*  
*Minuartia biflora*  
*Minuartia cerastiifolia*  
*Minuartia hybrida* aggr.  
*Minuartia cherlerioides* subsp. *rionii*  
*Minuartia juniperina*  
*Minuartia pichleri*  
*Minuartia platyphylla*  
*Minuartia recurva*  
*Minuartia rimarum*  
*Minuartia rubella*  
*Minuartia rupestris*  
*Minuartia sedoides*  
*Minuartia stricta*  
*Minuartia verna*  
*Minuartia viscosa*  
*Moehringia ciliata*  
*Moehringia intricata* subsp. *castellana*  
*Moehringia intricata* subsp. *intricata*  
*Moehringia intricata* subsp. *tejedensis*  
*Moehringia muscosa*  
*Moehringia trinervia*  
*Monanthes adenoscepes*  
*Monanthes anagensis*  
*Monanthes brachycaulon*  
*Monanthes icterica*  
*Monanthes laxiflora*  
*Monanthes lowei*  
*Monanthes muralis*  
*Monanthes pallens*  
*Monanthes polyphylla*  
*Monanthes polyphylla* subsp. *amydros*  
*Monizia edulis*  
*Murbeckiella boryi*  
*Musschia aurea*  
*Myosotis alpestris*  
*Myosotis speluncicola*  
*Myosotis suaveolens*  
*Narcissus calcicola*  
*Narcissus rupicola* subsp. *rupicola*  
*Naufraga balearica*  
*Nepeta amethystina* subsp. *amethystina*  
*Nepeta cilicica*  
*Nepeta concolor*  
*Nepeta nepetella*

Nepeta phyllochlamys  
Nepeta sphaciotica  
Noccaea bellidifolia  
Noccaea oppositifolia  
Noccaea praecox  
Noccaea rotundifolia  
Noccaea sintenisii  
Noccaea stilosa  
Noccaea stylosa  
Noccaea zaffranii  
Odontarrhena akamasica  
Odontarrhena bertolonii  
Odontarrhena cyprica  
Odontarrhena fragillima  
Odontarrhena muralis  
Odontites linkii  
Omphalodes luciliae subsp. cilicica  
Onobrychis sphaciotica  
Onosma echioides  
Onosma graeca  
Onosma troodi  
Oreochloa disticha  
Origanum dictamnus  
Origanum vulgare  
Oxyria digyna  
Oxytropis lapponica  
Papaver alpinum  
Papaver ernesti-mayeri  
Papaver laestadianum  
Papaver lapeyrousianum  
Papaver pyrenaicum  
Papaver radicum  
Papaver rupifragum subsp. rupifragum  
Papaver suaveolens  
Paragymnopteris marantae  
Parietaria filamentosa  
Parietaria judaica  
Parietaria officinalis  
Pedicularis verticillata  
Pellaea calomelanos  
Peltaria alliacea  
Pericallis lanata  
Petasites paradoxus  
Petrocallis pyrenaica  
Petromarula pinnata  
Petrorhagia dianthoides  
Peucedanum alpinum

Phagnalon pygmaeum  
Phagnalon rupestre  
Phagnalon sordidum  
Phegopteris connectilis  
Phippsia algida  
Phyllis viscosa  
Phyllolepidum cyclocarpum subsp. cyclocarpum  
Phyteuma cordatum  
Phyteuma hemisphaericum  
Phyteuma humile  
Phyteuma charmelii  
Phyteuma serratum  
Phyteuma scheuchzeri  
Pimpinella major  
Pinguicula alpina  
Pinguicula grandiflora  
Pinguicula hirtiflora  
Plantago leiopetala  
Plantago monosperma  
Platycapnos saxicola  
Poa alpina  
Poa arctica  
Poa balbisii  
Poa cenisia  
Poa dolosa  
Poa glauca  
Poa laxa  
Poa minor  
Poa nemoralis  
Podospermum radicosum  
Polycarpaea carnosa  
Polygonatum odoratum  
Polygonum icaricum  
Polypodium cambricum  
Polypodium cambricum subsp. azoricum  
Polypodium cambricum subsp. macaronesicum  
Polypodium interjectum  
Polypodium vulgare  
Polypodium x fontqueri  
Polystichum lonchitis  
Potentilla alchimilloides  
Potentilla argentea  
Potentilla caulescens  
Potentilla crantzii  
Potentilla crassinervia  
Potentilla deorum  
Potentilla doerfleri

Potentilla haynaldiana  
Potentilla hyparctica  
Potentilla kotschyana  
Potentilla nivalis  
Potentilla nivea  
Potentilla pulvinaris  
Potentilla saxifraga  
Potentilla speciosa  
Primula allionii  
Primula hirsuta  
Primula marginata  
Primula minima  
Pseudofumaria alba  
Pseudoscabiosa grosii  
Pseudoscabiosa saxatilis  
Ptilostemon afer  
Ptilostemon chamaepeuce  
Ptilostemon niveus  
Ptychotis saxifraga  
Ramonda myconi  
Ranunculus alpestris  
Ranunculus brevifolius  
Ranunculus breyninus  
Ranunculus cadmicus  
Ranunculus cadmicus var. cyprius  
Ranunculus carinthiacus  
Ranunculus creticus  
Ranunculus glacialis  
Ranunculus parnassifolius  
Ranunculus parnassifolius subsp. favargerii  
Ranunculus radinotrichus  
Ranunculus sabinii  
Ranunculus sulphureus  
Ranunculus weyleri  
Reseda glauca  
Reseda gredensis  
Reseda valentina  
Rhamnus alpina  
Rhamnus integrifolia  
Rhamnus libanotica  
Rhamnus pumila  
Rhamnus sibthorpianus  
Rhodiola rosea  
Ricotia cretica  
Ricotia davisiana  
Ricotia varians  
Rosa villosa

Rosularia libanotica  
Rosularia serpentinica  
Rosularia serrata  
Rubia angustifolia  
Rubus saxatilis  
Rumex acetosella  
Rumex aetnensis  
Rumex scutatus  
Rumex suffruticosus  
Rupicapnos africana subsp. decipiens  
Salix breviserrata  
Salix herbacea  
Salix reticulata  
Salix retusa  
Salix starkeana  
Salvia broussonetii  
Salvia veneris  
Sanguisorba ancistroides  
Sanguisorba cretica  
Santolina oblongifolia  
Saponaria sicula  
Sarcocapnos baetica  
Sarcocapnos crassifolia subsp. speciosa  
Sarcocapnos enneaphylla subsp. saetabensis  
Sarcocapnos pulcherrima  
Satureja parnassica  
Saxifraga adscendens  
Saxifraga aizoides  
Saxifraga androsacea  
Saxifraga aretioides  
Saxifraga aspera  
Saxifraga biternata  
Saxifraga bourgaeana  
Saxifraga bryoides  
Saxifraga callosa  
Saxifraga camposii  
Saxifraga carpatica  
Saxifraga cernua  
Saxifraga cespitosa  
Saxifraga corsica subsp. corsica  
Saxifraga corsica subsp. cossoniana  
Saxifraga cotyledon  
Saxifraga cuneata  
Saxifraga exarata  
Saxifraga federici-augusti subsp. grisebachii  
Saxifraga florulenta  
Saxifraga fragilis



Saxifraga genesiana  
Saxifraga glabella  
Saxifraga granatensis  
Saxifraga hyperborea  
Saxifraga hypnoides  
Saxifraga juniperifolia  
Saxifraga kotschyi  
Saxifraga latepetiolata  
Saxifraga longifolia  
Saxifraga longifolia subsp. longifolia  
Saxifraga losae  
Saxifraga luteoviridis  
Saxifraga maderensis  
Saxifraga marginata  
Saxifraga media  
Saxifraga moncayensis  
Saxifraga moschata  
Saxifraga muscoides  
Saxifraga mutata subsp. demissa  
Saxifraga nevadensis  
Saxifraga nivalis  
Saxifraga oppositifolia  
Saxifraga paniculata  
Saxifraga paradoxa  
Saxifraga pedemontana  
Saxifraga pentadactylis  
Saxifraga porophylla  
Saxifraga portosanctana  
Saxifraga praetermissa  
Saxifraga reuteriana  
Saxifraga rigoi  
Saxifraga rivularis  
Saxifraga rosacea  
Saxifraga scardica  
Saxifraga sedoides  
Saxifraga sempervivum  
Saxifraga sibirica  
Saxifraga sibthorpii  
Saxifraga spruneri  
Saxifraga taygetea  
Saxifraga vayredana  
Saxifraga wahlenbergii  
Scabiosa corsica  
Scleranthus perennis subsp. vulcanicus  
Scorzonera cretica  
Scrophularia canina  
Scrophularia depauperata

Scrophularia heterophylla  
Scrophularia kotschyana  
Scrophularia libanotica  
Scrophularia myriophylla  
Scrophularia oxyrhyncha  
Scrophularia rimarum  
Scrophularia sciophila  
Scrophularia scorodonia  
Scrophularia sublyrata  
Scutellaria hirta  
Scutellaria orientalis  
Secale strictum subsp. strictum  
Securigera globosa  
Sedum annuum  
Sedum atratum  
Sedum brevifolium  
Sedum brissemoretii  
Sedum dasyphyllum subsp. dasyphyllum  
Sedum dasyphyllum subsp. glanduliferum  
Sedum dasyphyllum subsp. granatense  
Sedum farinosum  
Sedum fusiforme  
Sedum hirsutum  
Sedum hispanicum  
Sedum magellense  
Sedum monregalense  
Sedum nudum  
Sedum nudum subsp. lancerottense  
Sedum stefco  
Selaginella denticulata  
Selaginella kraussiana  
Sempervivum arachnoideum  
Sempervivum calcareum  
Sempervivum grandiflorum  
Sempervivum marmoreum  
Sempervivum minutum  
Sempervivum montanum  
Sempervivum wulfenii  
Senecio castagneanus  
Senecio doronicum  
Senecio fruticosus  
Senecio pyrenaicus  
Senecio squalidus subsp. aethnensis  
Senecio squalidus subsp. rupestris  
Senecio thapsoides  
Senecio viscosus  
Sesamoides purpurascens

Seseli malyi  
Sesleria caerulea  
Sesleria doerfleri  
Sesleria insularis  
Sesleria phleoides  
Sesleria robusta  
Sibthorpia africana  
Sideritis glauca  
Sideritis perfoliata  
Sideritis stachydioides  
Silene acaulis  
Silene andryalifolia  
Silene auriculata  
Silene berthelotiana  
Silene boryi  
Silene caesia  
Silene campanula  
Silene congesta  
Silene dinarica  
Silene fabaria subsp. domokina  
Silene fabarioides  
Silene flavescens  
Silene foetida  
Silene gazulensis  
Silene gigantea  
Silene haussknechtii  
Silene hifacensis  
Silene inaperta subsp. inaperta  
Silene italica  
Silene leptoclada  
Silene lerchenfeldiana  
Silene mollissima  
Silene multicaulis  
Silene nocteolens  
Silene nuncupanda  
Silene odontopetala  
Silene parnassica  
Silene pentelica  
Silene pusilla  
Silene requienii  
Silene rupestris  
Silene saxifraga  
Silene secundiflora  
Silene suecica  
Silene supina  
Silene tomentosa  
Silene uniflora

*Silene variegata*  
*Silene viscaria*  
*Silene vulgaris* subsp. *vourinensis*  
*Sinapidendron angustifolium*  
*Sinapidendron frutescens*  
*Sinapidendron gymnocalyx*  
*Sinapidendron rupestre*  
*Sisymbrium supinum*  
*Solenopsis balearica*  
*Solidago virgaurea*  
*Sonchus acaulis*  
*Sonchus congestus*  
*Sonchus gummifer*  
*Sonchus pendulus*  
*Sonchus radicans*  
*Sonchus tectifolius*  
*Sonchus tenerrimus*  
*Sonchus tuberifer*  
*Sonchus ustulatus*  
*Spergula viscosa*  
*Staehelina petiolata*  
*Stachys candida*  
*Stachys chrysantha*  
*Stachys parolinii*  
*Stachys spreitzenhoferi*  
*Stachys swainsonii*  
*Stellaria graminea*  
*Symphytum creticum*  
*Tanacetum argenteum* subsp. *canum*  
*Tanacetum argenteum* subsp. *flabellifolium*  
*Tanacetum armenum*  
*Taraxacum pyrenaicum*  
*Taraxacum* sect. *Alpina*  
*Teucrium aroanium*  
*Teucrium botrys*  
*Teucrium buxifolium* subsp. *buxifolium*  
*Teucrium cuneifolium*  
*Teucrium fragile*  
*Teucrium francisci-wernerii*  
*Teucrium freynii*  
*Teucrium halacsyanum*  
*Teucrium hifacense*  
*Teucrium intricatum*  
*Teucrium montanum*  
*Teucrium rivasii*  
*Teucrium rivas-martinezii*  
*Teucrium rotundifolium* subsp. *rotundifolium*

Teucrium thymifolium  
Thalictrum alpinum  
Thamnosciadium junceum  
Theligonum cynocrambe  
Thelypteris pozoi  
Thlaspi kernerii  
Thymus comosus  
Thymus integer  
Thymus leucotrichus  
Thymus pulcherrimus  
Thymus richardii subsp. ebusitanus  
Thymus richardii subsp. richardii  
Tofieldia pusilla  
Tolpis calderae  
Tolpis crassiuscula  
Tolpis lagopoda  
Tolpis macrorhiza  
Tolpis staticifolia  
Tolpis succulenta  
Trachelium caeruleum  
Trisetum bertolonii  
Trisetum distichophyllum  
Trisetum hispidum  
Trisetum spicatum  
Trisetum velutinum  
Umbilicus horizontalis  
Umbilicus luteus  
Umbilicus rupestris  
Valantia aprica  
Valeriana apula  
Valeriana asarifolia  
Valeriana bertisceae  
Valeriana elongata  
Valeriana longiflora  
Valeriana officinalis  
Valeriana saxatilis  
Valeriana sisymbriifolia  
Valeriana speluncaria  
Valeriana tripteris  
Vavilovia formosa  
Verbascum arcturus  
Verbascum conocarpum  
Verbascum nigrum  
Verbascum pestalozzae  
Verbascum thapsus  
Veronica alpina  
Veronica aragonensis

Veronica bachofenii  
Veronica baumgartenii  
Veronica bellidioides  
Veronica caespitosa  
Veronica cuneifolia  
Veronica fruticans  
Veronica kotschyana  
Veronica mampodrensis  
Veronica nummularia  
Veronica saturejoides  
Veronica tauricola  
Veronica thessalica  
Vicia alpestris subsp. hypoleuca  
Vicia canescens subsp. gregaria  
Vicia glauca  
Vieraea laevigata  
Viola albanica  
Viola calcarata  
Viola canina  
Viola crassifolia  
Viola crassiuscula  
Viola diversifolia  
Viola dukadjinica  
Viola fragrans  
Viola grisebachiana  
Viola herzogii  
Viola hispida  
Viola cheiranthifolia  
Viola chelmea  
Viola magellensis  
Viola palustris  
Viola parnonia  
Viola perinensis  
Viola poetica  
Viola sandrasea  
Viola striis-notata  
Viola tricolor aggr.  
Woodsia alpina  
Woodsia ilvensis  
Woodsia pulchella  
Woodwardia radicans  
Xatardia scabra

SECTION 2: End

SECTION 3: Group definitions

6            A25a Arctic coastal salt marsh

((<#TC +01 A25a-Arctic-coastal-salt-marsh GR #T\$> AND <##Q +01 A25a-Arctic-coastal-salt-marsh>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ ARC>

6 A25b Baltic coastal meadow  
((<#TC +01 A25b-Baltic-coastal-meadow GR #T\$> AND <##Q +01 A25b-Baltic-coastal-meadow>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ BAL>

6 A25c Atlantic coastal salt marsh  
((<#TC +01 A25c-Atlantic-coastal-salt-marsh GR #T\$> AND <##Q +01 A25c-Atlantic-coastal-salt-marsh>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ ATL>

6 A25d Mediterranean and Black Sea coastal salt marsh  
((<#TC +01 A25d-Mediterranean-and-Black-Sea-coastal-salt-marsh GR #T\$> AND <##Q +01 A25d-Mediterranean-and-Black-Sea-coastal-salt-marsh>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$\$C COAST\_EEA EQ MED> OR <\$\$C COAST\_EEA EQ BLA>)

6 B11a Atlantic, Baltic and Arctic sand beach  
((<#TC +01 B11a-Atlantic-Baltic-and-Arctic-sand-beach GR #T\$> AND <##Q +01 B11a-Atlantic-Baltic-and-Arctic-sand-beach>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$\$C COAST\_EEA EQ ATL> OR (<\$\$C COAST\_EEA EQ BAL> OR <\$\$C COAST\_EEA EQ ARC>))

6 B11b Mediterranean and Black Sea sand beach  
((<#TC +01 B11b-Mediterranean-and-Black-Sea-sand-beach GR #T\$> AND <##Q +01 B11b-Mediterranean-and-Black-Sea-sand-beach>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$\$C COAST\_EEA EQ MED> OR <\$\$C COAST\_EEA EQ BLA>)

6 B13a Atlantic and Baltic shifting coastal dune  
((<#TC +01 B13a-Atlantic-and-Baltic-shifting-coastal-dune GR #T\$> AND <##Q +01 B13a-Atlantic-and-Baltic-shifting-coastal-dune>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$\$C COAST\_EEA EQ ATL> OR <\$\$C COAST\_EEA EQ BAL>)

6 B13b Mediterranean and Black Sea shifting coastal dune  
((<#TC +01 B13b-Mediterranean-and-Black-Sea-shifting-coastal-dune GR #T\$> AND <##Q +01 B13b-Mediterranean-and-Black-Sea-shifting-coastal-dune>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$\$C COAST\_EEA EQ MED> OR <\$\$C COAST\_EEA EQ BLA>)

6 B14a Atlantic and Baltic coastal dune grassland (grey dune)  
 ((<#TC +01 B14a-Atlantic-and-Baltic-coastal-dune-grassland-grey-dune GR #T\$> AND <##Q +01 B14a-Atlantic-and-Baltic-coastal-dune-grassland-grey-dune>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$C COAST\_EEA EQ ATL> OR <\$C COAST\_EEA EQ BAL>)

4 B14a!Atlantic and Baltic coastal dune grassland (grey dune)  
 <#02 B14a-Atlantic-and-Baltic-coastal-dune-grassland-grey-dune-specialists> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 B14a-Atlantic and Baltic coastal dune grassland (grey dune)  
 (<##Q +03 B14a-Atlantic-and-Baltic-coastal-dune-grassland-grey-dune> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$C COAST\_EEA EQ ATL> OR <\$C COAST\_EEA EQ BAL>)

2 B14a.Atlantic and Baltic coastal dune grassland (grey dune)  
 ((<##Q +03 R1Q-Inland-sanddrift-and-dune-with-siliceous-grassland> AND <#03 +03 R1Q-Inland-sanddrift-and-dune-with-siliceous-grassland>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$C COAST\_EEA EQ ATL> OR <\$C COAST\_EEA EQ BAL>)

6 B14b Mediterranean and Macaronesian coastal dune grassland (grey dune)  
 ((<#TC +01 B14b-Mediterranean-and-Macaronesian-coastal-dune-grassland-grey-dune GR #T\$> AND <##Q +01 B14b-Mediterranean-and-Macaronesian-coastal-dune-grassland-grey-dune>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$C COAST\_EEA EQ MED>

4 B14b!Mediterranean and Macaronesian coastal dune grassland (grey dune)  
 <#02 B14b-Mediterranean-and-Macaronesian-coastal-dune-grassland-grey-dune-specialists> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 B14b-Mediterranean and Macaronesian coastal dune grassland (grey dune)



(<##Q +03 B14b-Mediterranean-and-Macaronesian-coastal-dune-grassland-grey-dune> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ MED>

6 B14c Black Sea coastal dune grassland (grey dune)  
 ((<#TC +01 B14c-Black-Sea-coastal-dune-grassland-grey-dune GR #T\$> AND <##Q +01 B14c-Black-Sea-coastal-dune-grassland-grey-dune>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ BLA>

4 B14c!Black Sea coastal dune grassland (grey dune)  
 (<#02 B14c-Black-Sea-coastal-dune-grassland-grey-dune-specialists> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ BLA>

2 B14c-Black Sea coastal dune grassland (grey dune)  
 (<##Q +03 B14c-Black-Sea-coastal-dune-grassland-grey-dune> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ BLA>

7 B15a Atlantic and Baltic coastal Empetrum heath  
 ((<#TC Dry-and-wet-heath-shrubs|#TC Dry-heath-shrubs GR #T\$> AND <Empetrum nigrum aggr. GR 05>) NOT <#TC Trees GR 05>) AND (<\$\$C COAST\_EEA EQ ATL> OR <\$\$C COAST\_EEA EQ BAL>)

7 B15b Atlantic coastal Calluna and Ulex heath  
 (<#TC Dry-and-wet-heath-shrubs|#TC Dry-heath-shrubs GR #T\$> NOT (<Empetrum nigrum aggr. GR 05> OR <#TC Trees GR 05>)) AND ((<\$\$C COAST\_EEA EQ ATL> OR <\$\$C COAST\_EEA EQ BAL>) NOT ((<\$\$N DEG\_LON GR -50> NOT <\$\$N DEG\_LON GR -11>) AND (<\$\$N DEG\_LAT GR 0> NOT <\$\$N DEG\_LAT GR 40>)))

7 B16a Atlantic and Baltic coastal dune scrub  
 (<#TC Shrubs GR 25> NOT (<#TC Trees GR 25> OR <#TC Native-light-canopy-trees GR 15>)) AND (<\$\$C DUNES\_BOHN EQ Y> AND (<\$\$C COAST\_EEA EQ ATL> OR <\$\$C COAST\_EEA EQ BAL>))

7 B16b Mediterranean and Black Sea coastal dune scrub  
 (<#TC Shrubs GR 25> NOT (<#TC Trees GR 25> OR <#TC Native-light-canopy-trees GR 15>)) AND (<\$\$C DUNES\_BOHN EQ Y> AND (<\$\$C COAST\_EEA EQ MED> OR <\$\$C COAST\_EEA EQ BLA>))

7 B16c Macaronesian coastal dune scrub  
 <#TC Macaronesian-coastal-dune-scrub GR 15>

7 B17a Atlantic and Baltic broad-leaved coastal dune woodland

(<#TC Native-broadleaf-trees GR 25> AND <#TC Native-broadleaf-trees GR #TC Trees EXCEPT #TC Native-broadleaf-trees>) AND (<\$\$C DUNES\_BOHN EQ Y> AND (<\$\$C COAST\_EEA EQ ATL> OR <\$\$C COAST\_EEA EQ BAL>))

7 B17b Black Sea broad-leaved coastal dune woodland  
(<#TC Native-broadleaf-trees GR 25> AND <#TC Native-broadleaf-trees GR #TC Trees EXCEPT #TC Native-broadleaf-trees>) AND (<\$\$C DUNES\_BOHN EQ Y> AND <\$\$C COAST\_EEA EQ BLA>)

7 B17c Baltic coniferous coastal dune woodland  
(<#TC Native-conifer-trees GR 15> AND <#TC Native-conifer-trees GR #TC Trees EXCEPT #TC Native-conifer-trees>) AND (<\$\$C DUNES\_BOHN EQ Y> AND <\$\$C COAST\_EEA EQ BAL>)

7 B17d Mediterranean coniferous coastal dune woodland  
(<#TC Native-conifer-trees GR 15> AND <#TC Native-conifer-trees GR #TC Trees EXCEPT #TC Native-conifer-trees>) AND (<\$\$C DUNES\_BOHN EQ Y> AND <\$\$C COAST\_EEA EQ MED>)

6 B21a Atlantic, Baltic and Arctic coastal shingle beach  
((<#TC +01 B21a-Atlantic-Baltic-and-Arctic-coastal-shingle-beach GR #T\$> AND <##Q +01 B21a-Atlantic-Baltic-and-Arctic-coastal-shingle-beach>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND ((<\$\$C COAST\_EEA EQ ATL> OR <\$\$C COAST\_EEA EQ BAL>) OR <\$\$C COAST\_EEA EQ ARC>)

6 B21b Mediterranean and Black Sea coastal shingle beach  
((<#TC +01 B21b-Mediterranean-and-Black-Sea-coastal-shingle-beach GR #T\$> AND <##Q +01 B21b-Mediterranean-and-Black-Sea-coastal-shingle-beach>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$\$C COAST\_EEA EQ MED> OR <\$\$C COAST\_EEA EQ BLA>)

6 B31a Atlantic and Baltic rocky sea cliff and shore  
((<#TC +01 B31a-Atlantic-and-Baltic-rocky-sea-cliff-and-shore GR #T\$> AND <##Q +01 B31a-Atlantic-and-Baltic-rocky-sea-cliff-and-shore>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$\$C COAST\_EEA EQ ATL> OR <\$\$C COAST\_EEA EQ BAL>)

6 B31b Mediterranean and Black Sea rocky sea cliff and shore  
((<#TC +01 B31b-Mediterranean-and-Black-Sea-rocky-sea-cliff-and-shore GR #T\$> AND <##Q +01 B31b-Mediterranean-and-Black-Sea-rocky-sea-cliff-and-shore>) NOT (<#TC Trees

GR 05> OR <#TC Shrubs GR 05>)) AND (<\$\$C COAST\_EEA EQ MED> OR <\$\$C COAST\_EEA EQ BLA>)

6 B31c Macaronesian rocky sea cliff and shore  
 ((<#TC +01 B31c-Macaronesian-rocky-sea-cliff-and-shore GR #T\$> AND  
 <##Q +01 B31c-Macaronesian-rocky-sea-cliff-and-shore>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>))  
 AND <\$\$C COAST\_EEA EQ ATL>

6 B34a Atlantic and Baltic soft sea cliff  
 ((<#TC +01 B34a-Atlantic-and-Baltic-soft-sea-cliff GR #T\$> AND <##Q  
 +01 B34a-Atlantic-and-Baltic-soft-sea-cliff>) NOT  
 (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND (<\$\$C  
 COAST\_EEA EQ ATL> OR <\$\$C COAST\_EEA EQ BAL>)

6 B34b Mediterranean and Black Sea soft sea cliff  
 ((<#TC +01 B34b-Mediterranean-and-Black-Sea-soft-sea-cliff GR #T\$>  
 AND <##Q +01 B34b-Mediterranean-and-Black-Sea-soft-sea-cliff>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR  
 05>)) AND (<\$\$C COAST\_EEA EQ MED> OR <\$\$C COAST\_EEA EQ  
 BLA>)

2 C11a Permanent oligotrophic waterbody with very soft-  
 water species  
 <##Q +03 C11a-Permanent-oligotrophic-waterbody-with-very-soft-  
 water-species> NOT (<#TC Trees GR 05> OR <#TC Shrubs  
 GR 05>)

2 C11b Permanent oligotrophic to mesotrophic waterbody  
 with soft-water species  
 <##Q +03 C11b-Permanent-oligotrophic-to-mesotrophic-waterbody-  
 with-soft-water-species> NOT (<#TC Trees GR 05> OR  
 <#TC Shrubs GR 05>)

2 C12a Permanent oligotrophic to mesotrophic waterbody  
 with Characeae  
 <##Q +03 C12a-Permanent-oligotrophic-to-mesotrophic-waterbody-  
 with-Characeae> NOT (<#TC Trees GR 05> OR <#TC Shrubs  
 GR 05>)

2 C12b Mesotrophic to eutrophic waterbody with vascular  
 plants  
 <##Q +03 C12b-Mesotrophic-to-eutrophic-waterbody-with-vascular-  
 plants> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 C14 Permanent dystrophic waterbody

<##Q +03 C14-Permanent-dystrophic-waterbody> NOT (<#TC Trees GR 05>  
OR <#TC Shrubs GR 05>)

2 C15 Permanent inland saline and brackish waterbody  
<##Q +03 C15-Permanent-inland-saline-and-brackish-waterbody> NOT  
(<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C  
COAST\_EEA EQ N>

2 C16b Mediterranean temporary waterbody  
<##Q +03 C16b-Mediterranean-temporary-waterbody> NOT (<#TC Trees GR  
05> OR <#TC Shrubs GR 05>)

2 C21a Base-poor spring and spring brook  
<##Q +03 C21a-Base-poor-spring-and-spring-brook> NOT (<#TC Trees GR  
05> OR <#TC Shrubs GR 05>)

2 C21b Calcareous spring and spring brook  
<##Q +03 C21b-Calcareous-spring-and-spring-brook> NOT (<#TC Trees  
GR 05> OR <#TC Shrubs GR 05>)

2 C22a Permanent non-tidal, fast, turbulent watercourse of  
montane to alpine regions with mosses  
<##Q +03 C22a-Permanent-non-tidal-fast-turbulent-watercourse-of-  
montane-to-alpine-regions-with-mosses> NOT (<#TC  
Trees GR 05> OR <#TC Shrubs GR 05>)

2 C22b Permanent non-tidal, fast, turbulent watercourse of  
plains and montane regions with Ranunculus spp.  
<##Q +03 C22b-Permanent-non-tidal-fast-turbulent-watercourse-of-  
plains-montane-regions-with-Ranunculus> NOT (<#TC  
Trees GR 05> OR <#TC Shrubs GR 05>)

2 C23 Permanent non-tidal, smooth-flowing watercourse  
<##Q +03 C23-Permanent-non-tidal-smooth-flowing-watercourse> NOT  
(<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 C24 Tidal river, upstream from the estuary  
<##Q +03 C24-Tidal-river-upstream-from-the-estuary> NOT (<#TC Trees  
GR 05> OR <#TC Shrubs GR 05>)

2 C25a Temperate temporary running watercourse  
<##Q +03 C25a-Temperate-temporary-running-watercourse> NOT (<#TC  
Trees GR 05> OR <#TC Shrubs GR 05>)

2 C35a Periodically exposed shore with stable, eutrophic  
sediments with pioneer or ephemeral vegetation

<##Q +03 C35a-Periodically-exposed-shore-with-stable-eutrophic-sediments-with-pioneer-vegetation> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 C35b Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation

<##Q +03 C35b-Periodically-exposed-shore-with-stable-mesotrophic-sediments-with-pioneer-vegetation> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 C35c Periodically exposed saline shore with pioneer or ephemeral vegetation

<##Q +03 C35c-Periodically-exposed-saline-shore-with-pioneer-vegetation> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 C35d Unvegetated or sparsely vegetated shore with mobile sediments in montane and alpine regions

<##Q +03 C35d-Unvegetated-or-sparsely-vegetated-shore-with-mobile-sediments-in-montane-alpine-regions> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 C35e Unvegetated or sparsely vegetated shore with mobile sediments in the Mediterranean region

<##Q +03 C35e-Unvegetated-or-sparsely-vegetated-shore-with-mobile-sediments-in-the-Mediterranean-region> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 C51a Tall-helophyte bed

<##Q +03 C51a-Tall-helophyte-bed> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 C51b Small-helophyte bed

<##Q +03 C51b-Small-helophyte-bed> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 C52 Tall-sedge bed

<##Q +03 C52-Tall-sedge-bed> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 C54 Inland saline or brackish helophyte bed

(<##Q +03 C54-Inland-saline-or-brackish-helophyte-bed> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ N>

2 D11 Raised bog

(<##Q +03 D11-Raised-bog> AND <#02 +03 D11-Raised-bog>) NOT (<#TC  
Trees GR 05> OR <#TC Shrubs GR 05>)

2           D12 Blanket bog  
(<##Q +03 D12-Blanket-bog> AND <#02 +03 D12-Blanket-bog>) NOT (<#TC  
Trees GR 05> OR <#TC Shrubs GR 05>)

2           D21 Oceanic valley bog  
(<##Q +03 D21-Oceanic-valley-bog> AND <#02 +03 D21-Oceanic-valley-  
bog>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2           D22a Poor fen  
(<##Q +03 D22a-Poor-fen> AND <#02 +03 D22a-Poor-fen>) NOT (<#TC  
Trees GR 05> OR <#TC Shrubs GR 05>)

2           D22b Relict mire of Mediterranean mountains  
(<##Q +03 D22b-Relict-mire-of-Mediterranean-mountains> AND <#02 +03  
D22b-Relict-mire-of-Mediterranean-mountains>)       NOT  
(<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2           D22c Intermediate fen and soft-water spring mire  
(<##Q +03 D22c-Intermediate-fen-and-soft-water-spring-mire> AND  
<#02 +03 D22c-Intermediate-fen-and-soft-water-spring-  
mire>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2           D23a Non-calcareous quaking mire  
(<##Q +03 D23a-Non-calcareous-quaking-mire> AND <#02 +03 D23a-Non-  
calcareous-quaking-mire>) NOT (<#TC Trees GR 05> OR  
<#TC Shrubs GR 05>)

2           D31 Palsa mire  
(<##Q +03 D31-Palsa-mire> AND <#02 +03 D31-Palsa-mire>) NOT (<#TC  
Trees GR 05> OR <#TC Shrubs GR 05>)

2           D32 Aapa mire  
(<##Q +03 D32-Aapa-mire> AND <#02 +03 D32-Aapa-mire>) NOT (<#TC  
Trees GR 05> OR <#TC Shrubs GR 05>)

2           D41a Small-sedge base-rich fen and calcareous spring  
mire  
(<##Q +03 D41a-Small-sedge-base-rich-fen-and-calcareous-spring-  
mire> AND <#02 +03 D41a-Small-sedge-base-rich-fen-and-  
calcareous-spring-mire>) NOT (<#TC Trees GR 05> OR  
<#TC Shrubs GR 05>)

2           D41b Tall-sedge base-rich fen

(<##Q +03 D41b-Tall-sedge-base-rich-fen> AND <#02 +03 D41b-Tall-sedge-base-rich-fen>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 D41c Calcareous quaking mire  
(<##Q +03 D41c-Calcareous-quaking-mire> AND <#02 +03 D41c-Calcareous-quaking-mire>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

6  
2 D42 Arctic-alpine rich fen  
(<##Q +03 D42-Arctic-alpine-rich-fen> AND <#02 +03 D42-Arctic-alpine-rich-fen>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R11 Pannonian and Pontic sandy steppe  
(<##Q +03 R11-Pannonian-and-Pontic-sandy-steppe> AND <#03 +03 R11-Pannonian-and-Pontic-sandy-steppe>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R11! Pannonian and Pontic sandy steppe  
<#TC R11-Pannonian-and-Pontic-sandy-steppe-specialists GR 15> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops  
((<##Q +03 R12-Cryptogam-and-annual-dominated-vegetation-on-siliceous-rock-outcrops> AND <#03 +03 R12-Cryptogam-and-annual-dominated-vegetation-on-siliceous-rock-outcrops>) AND <#TC +03 R12-Cryptogam-and-annual-dominated-vegetation-on-siliceous-rock-outcrops GR #TC Hemicryptophytes>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops  
((<##Q +03 R13-Cryptogam-and-annual-dominated-vegetation-on-calcareous-and-ultramafic-rock-outcrops> AND <#03 +03 R13-Cryptogam-and-annual-dominated-vegetation-on-calcareous-and-ultramafic-rock-outcrops>) AND <#TC +03 R13-Cryptogam-and-annual-dominated-vegetation-on-calcareous-and-ultramafic-rock-outcrops GR #TC Hemicryptophytes>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R14 Perennial rocky grassland of the Italian Peninsula  
((<##Q +03 R14-Perennial-rocky-grassland-of-the-Italian-Peninsula> AND <#03 +03 R14-Perennial-rocky-grassland-of-the-

- Italian-Peninsula>) NOT (<#TC Trees GR 05> OR (<#TC Shrubs GR 05> OR <#TC Garrigue-and-micro-garrigue-species GR 25>))) AND <\$\$C Country EQ Italy>
- 4 R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops  
 (<#TC R15-Continental-dry-rocky-steppic-grassland-and-dwarf-scrub-on-chalk-outcrops-specialists GR 25> OR <#02 R15-Continental-dry-rocky-steppic-grassland-and-dwarf-scrub-on-chalk-outcrops-specialists>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)
- 2 R16 Perennial rocky grassland of Central and South-Eastern Europe  
 ((<##Q +03 R16-Perennial-rocky-grassland-of-Central-and-South-Eastern-Europe> AND <#03 +03 R16-Perennial-rocky-grassland-of-Central-and-South-Eastern-Europe>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) NOT (<\$\$N DEG\_LON GR -50> NOT <\$\$N DEG\_LON GR 5>)
- 2 R17 Heavy-metal dry grassland of the Balkans  
 (<##Q +03 R17-Heavy-metal-dry-grassland-of-the-Balkans> AND <#03 +03 R17-Heavy-metal-dry-grassland-of-the-Balkans>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)
- 2 R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe  
 ((<##Q +03 R18-Perennial-rocky-calcareous-grassland-of-subatlantic-submediterranean-Europe> AND <#03 +03 R18-Perennial-rocky-calcareous-grassland-of-subatlantic-submediterranean-Europe>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) NOT <\$\$N DEG\_LON GR 8>
- 2 R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region  
 ((<##Q +03 R19-Dry-steppic-submediterranean-pasture-of-the-Amphi-Adriatic-region> AND <#03 +03 R19-Dry-steppic-submediterranean-pasture-of-the-Amphi-Adriatic-region>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) NOT ((<\$\$N DEG\_LON GR -50> NOT <\$\$N DEG\_LON GR 6.5>) OR <\$\$N DEG\_LAT GR 50>)
- 2 R1A Semi-dry perennial calcareous grassland (meadow steppe)  
 (<##Q +03 R1A-Semi-dry-perennial-calcareous-grassland> AND <#03 +03 R1A-Semi-dry-perennial-calcareous-grassland>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)



2 R1B Continental dry grassland (true steppe)  
 (<##Q +03 R1B-Continental-dry-grassland-true-steppe> AND <#02 +03  
 R1B-Continental-dry-grassland-true-steppe>) NOT (<#TC  
 Trees GR 05> OR (<#TC Shrubs GR 05> OR (<#TC Dwarf-  
 shrubs GR 05> OR (<#TC R15-Continental-dry-rocky-  
 steppic-grassland-and-dwarf-scrub-on-chalk-outcrops-  
 specialists GR 25> OR (<#02 R15-Continental-dry-rocky-  
 steppic-grassland-and-dwarf-scrub-on-chalk-outcrops-  
 specialists> OR <#TC Garrigue-and-micro-garrigue-  
 species GR 05>))))

4 R1B! Continental dry grassland (true steppe)  
 (<#TC R1B-Continental-dry-grassland-true-steppe-specialists GR 25>  
 AND <#03 +03 R1B-Continental-dry-grassland-true-  
 steppe>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R1C Desert steppe  
 (<##Q +03 R1C-Desert-steppe> AND <#02 +03 R1C-Desert-steppe>) NOT  
 (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R1D Mediterranean closely grazed dry grassland  
 ((<##Q +03 R1D-Mediterranean-closely-grazed-dry-grassland> AND <#02  
 +03 R1D-Mediterranean-closely-grazed-dry-grassland>)  
 NOT (<#TC Trees GR 05> OR (<#TC Shrubs GR 05> OR <#TC  
 Crops GR 05>))) NOT <\$\$N DEG\_LAT GR 46>

2 R1E Mediterranean tall perennial dry grassland  
 (<##Q +03 R1E-Mediterranean-tall-perennial-dry-grassland> AND <#03  
 +03 R1E-Mediterranean-tall-perennial-dry-grassland>)  
 NOT (<#TC Trees GR 05> OR (<#TC Shrubs GR 05> OR <#TC  
 Garrigue-and-micro-garrigue-species GR 05>))

4 R1E! Mediterranean tall perennial dry grassland  
 <#TC R1E-Mediterranean-tall-perennial-dry-grassland-specialists GR  
 50> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R1F Mediterranean annual-rich dry grassland  
 (<##Q +03 R1F-Mediterranean-annual-rich-dry-grassland> AND <#03 +03  
 R1F-Mediterranean-annual-rich-dry-grassland>) NOT  
 <#TC Trees|#TC Shrubs|#TC Chamaephytes|#TC  
 Hemicryptophytes GR 10>

2 R1G Iberian oromediterranean siliceous dry grassland  
 (<##Q +03 R1G-Iberian-oromediterranean-siliceous-dry-grassland>  
 AND <#02 +03 R1G-Iberian-oromediterranean-siliceous-

dry-grassland>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R1G! Iberian oromediterranean siliceous dry grassland  
<#TC R1G-Iberian-oromediterranean-siliceous-dry-grassland-specialists GR 10> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R1H Iberian oromediterranean basiphilous dry grassland  
(<##Q +03 R1H-Iberian-oromediterranean-basiphilous-dry-grassland> AND <#01 R1H-Iberian-oromediterranean-basiphilous-dry-grassland-specialists>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R1H! Iberian oromediterranean basiphilous dry grassland  
<#TC R1H-Iberian-oromediterranean-basiphilous-dry-grassland-specialists GR 10> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R1J Cyrno-Sardean oromediterranean siliceous dry grassland  
<##Q +03 R1J-Cyrno-Sardean-oromediterranean-siliceous-dry-grassland> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R1J! Cyrno-Sardean oromediterranean siliceous dry grassland  
<#TC R1J-Cyrno-Sardean-oromediterranean-siliceous-dry-grassland-specialists GR 10> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R1K Balkan and Anatolian oromediterranean dry grassland  
(<##Q +03 R1K-Balkan-and-Anatolian-oromediterranean-dry-grassland> AND <#01 R1K-Balkan-and-Anatolian-oromediterranean-dry-grassland-specialists>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R1K! Balkan and Anatolian oromediterranean dry grassland  
<#TC R1K-Balkan-and-Anatolian-oromediterranean-dry-grassland-specialists GR 10> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R1L Madeiran oromediterranean siliceous dry grassland  
<##Q +03 R1L-Madeiran-oromediterranean-siliceous-dry-grassland> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R1L! Madeiran oromediterranean siliceous dry grassland

<#TC R1L-Madeira-oromediterranean-siliceous-dry-grassland-specialists GR 10> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R1M Lowland to montane, dry to mesic grassland usually dominated by *Nardus stricta*

(<##Q +03 R1M-Lowland-to-submontane-dry-to-mesic-grassland-usually-Nardus> AND <#03 +03 R1M-Lowland-to-submontane-dry-to-mesic-grassland-usually-Nardus>) NOT ((<#TC Trees GR 05> OR <#TC Shrubs GR 05>) OR <#TC Dwarf-shrubs GR 15>)

2 R1N Open Iberian supramediterranean dry acid and neutral grassland

<##Q +03 R1N-Open-Iberian-supramediterranean-dry-acid-and-neutral-grassland> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R1N! Open Iberian supramediterranean dry acid and neutral grassland

<#TC R1N-Open-Iberian-supramediterranean-dry-acid-and-neutral-grassland-specialists GR 10> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils

((<##Q +03 R1P-Oceanic-to-subcontinental-inland-sand-grassland-on-dry-acid-and-neutral-soils> AND <#03 +03 R1P-Oceanic-to-subcontinental-inland-sand-grassland-on-dry-acid-and-neutral-soils>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ N>

2 R1Q Inland sanddrift and dune with siliceous grassland

((<##Q +03 R1Q-Inland-sanddrift-and-dune-with-siliceous-grassland> AND <#03 +03 R1Q-Inland-sanddrift-and-dune-with-siliceous-grassland>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ N>

4 R1Q! Inland sanddrift and dune with siliceous grassland

(<#TC R1Q-Inland-sanddrift-and-dune-with-siliceous-grassland-specialists GR 50> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ N>

2 R1R Mediterranean to Atlantic open, dry, acid and neutral grassland

(<##Q +03 R1R-Mediterranean-to-Atlantic-open-dry-acid-and-neutral-grassland> AND <#03 +03 R1R-Mediterranean-to-Atlantic-

open-dry-acid-and-neutral-grassland>) NOT (<#TC Trees GR 05> OR (<#TC Shrubs GR 05> OR (<#TC Crops GR 05> OR (<#03 B14b-Mediterranean-and-Macaronesian-coastal-dune-grassland-grey-dune-specialists> OR <#TC +03 R1F-Mediterranean-annual-rich-dry-grassland GR 25>))))

4 R1S Heavy-metal grassland in Western and Central Europe  
 (<#02 R1S-Heavy-metal-grassland-in-Western-and-Central-Europe-specialists> OR <#TC R1S-Heavy-metal-grassland-in-Western-and-Central-Europe-specialists GR 05>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R1T Azorean open, dry, acid to neutral grassland  
 <##Q +03 R1T-Azorean-open-dry-acid-to-neutral-grassland> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R21 Mesic permanent pasture of lowlands and mountains  
 (<##Q +03 R21-Mesic-permanent-pasture-of-lowlands-and-mountains> AND <#03 +03 R21-Mesic-permanent-pasture-of-lowlands-and-mountains>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R22 Low and medium altitude hay meadow  
 (<##Q +03 R22-Low-and-medium-altitude-hay-meadow> AND <#03 +03 R22-Low-and-medium-altitude-hay-meadow>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R23 Mountain hay meadow  
 (<##Q +03 R23-Mountain-hay-meadow> AND <#02 R23-Mountain-hay-meadow-specialists>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R23! Mountain hay meadow  
 <#03 R23-Mountain-hay-meadow-specialists> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R24 Iberian summer pasture (vallicar)  
 (<##Q +03 R24-Iberian-summer-pasture-vallicar> AND <#01 R24-Iberian-summer-pasture-vallicar-specialists>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R24! Iberian summer pasture (vallicar)  
 (<#TC R24-Iberian-summer-pasture-vallicar-specialists GR 25> AND <#02 R24-Iberian-summer-pasture-vallicar-specialists>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R31 Mediterranean tall humid inland grassland  
 (<##Q +03 R31-Mediterranean-tall-humid-inland-grassland> AND <#01  
 R31-Mediterranean-tall-humid-inland-grassland-  
 specialists>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR  
 05>)

2 R32 Mediterranean short moist grassland of lowlands  
 (<##Q +03 R32-Mediterranean-short-moist-grassland-of-lowlands> AND  
 <#03 +03 R32-Mediterranean-short-moist-grassland-of-  
 lowlands>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR  
 05>)

4 R32! Mediterranean short moist grassland of lowlands  
 <#TC R32-Mediterranean-short-moist-grassland-of-lowlands-  
 specialists GR 25> NOT (<#TC Trees GR 05> OR <#TC  
 Shrubs GR 05>)

2 R33 Mediterranean short moist grassland of mountains  
 (<##Q +03 R33-Mediterranean-short-moist-grassland-of-mountains>  
 AND <#01 R33-Mediterranean-short-moist-grassland-of-  
 mountains-specialists>) NOT (<#TC Trees GR 05> OR <#TC  
 Shrubs GR 05>)

2 R34 Submediterranean moist meadow  
 (<##Q +03 R34-Submediterranean-moist-meadow> AND <#02 R34-  
 Submediterranean-moist-meadow-specialists>) NOT (<#TC  
 Trees GR 05> OR <#TC Shrubs GR 05>)

2 R35 Moist or wet mesotrophic to eutrophic hay meadow  
 (<##Q +03 R35-Moist-or-wet-mesotrophic-to-eutrophic-hay-meadow>  
 AND <#03 +03 R35-Moist-or-wet-mesotrophic-to-  
 eutrophic-hay-meadow>) NOT (<#TC Trees GR 05> OR <#TC  
 Shrubs GR 05>)

2 R36 Moist or wet mesotrophic to eutrophic pasture  
 (<##Q +03 R36-Moist-or-wet-mesotrophic-to-eutrophic-pasture> AND  
 <#03 +03 R36-Moist-or-wet-mesotrophic-to-eutrophic-  
 pasture>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR  
 05>)

2 R37 Temperate and boreal moist or wet oligotrophic  
 grassland  
 (<##Q +03 R37-Temperate-and-boreal-moist-or-wet-oligotrophic-  
 grassland> AND <#03 +03 R37-Temperate-and-boreal-  
 moist-or-wet-oligotrophic-grassland>) NOT (<#TC Trees  
 GR 05> OR <#TC Shrubs GR 05>)

2 R41 Snow-bed vegetation  
 (<##Q +03 R41-Snow-bed-vegetation> AND <#01 R41-Snow-bed-vegetation-specialists>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R41! Snow-bed vegetation  
 <#03 R41-Snow-bed-vegetation-specialists> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R42 Boreal and arctic acidophilous alpine grassland  
 ((<##Q +03 R42-Boreal-and-arctic-acidophilous-alpine-grassland> AND <#02 +03 R42-Boreal-and-arctic-acidophilous-alpine-grassland>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) NOT (<\$\$N DEG\_LAT GR 0> NOT <\$\$N DEG\_LAT GR 55>)

4 R42! Boreal and arctic acidophilous alpine grassland  
 <#TC R42-Boreal-and-arctic-acidophilous-alpine-grassland-specialists GR 10> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R43 Temperate acidophilous alpine grassland  
 ((<##Q +03 R43-Temperate-acidophilous-alpine-grassland> AND <#02 +03 R43-Temperate-acidophilous-alpine-grassland>) NOT ((<#TC Trees GR 05> OR <#TC Shrubs GR 05>) OR (<#TC Arctic-alpine-dwarf-shrubs GR 25> OR <#TC Lowland-to-alpine-heath-shrubs GR 25>))) NOT <\$\$N DEG\_LAT GR 52>

4 R43! Temperate acidophilous alpine grassland  
 <#TC R43-Temperate-acidophilous-alpine-grassland-specialists GR 25> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R44 Arctic-alpine calcareous grassland  
 (<##Q +03 R44-Arctic-alpine-calcareous-grassland> AND <#01 R44-Arctic-alpine-calcareous-grassland-specialists>) NOT ((<#01 R43-Temperate-acidophilous-alpine-grassland-specialists> OR <#01 R1H-Iberian-oromediterranean-basiphilous-dry-grassland-specialists>) OR (<#TC Trees GR 05> OR <#TC Shrubs GR 05>))

2 R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines  
 (<##Q +03 R45-Alpine-and-subalpine-calcareous-grassland-of-the-Balkans-and-Apennines> AND <#01 R45-Alpine-and-subalpine-calcareous-grassland-of-the-Balkans-and-Apennines-specialists>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R45! Alpine and subalpine calcareous grassland of the Balkans and Apennines  
 <#TC R45-Alpine-and-subalpine-calcareous-grassland-of-the-Balkans-and-Apennines-specialists GR 10> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R51 Thermophilous forest fringe of base-rich soils  
 (<##Q +03 R51-Thermophilous-woodland-fringe-of-base-rich-soils> AND (<#02 +03 R51-Thermophilous-woodland-fringe-of-base-rich-soils> AND <#TC +03 R51-Thermophilous-woodland-fringe-of-base-rich-soils GR 25>)) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R51! Thermophilous forest fringe of base-rich soils  
 <#TC R51-Thermophilous-woodland-fringe-of-base-rich-soils-specialists GR 50> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R52 Forest fringe of acidic nutrient-poor soils  
 (<##Q +03 R52-Woodland-fringe-of-acidic-nutrient-poor-soils> AND (<#02 +03 R52-Woodland-fringe-of-acidic-nutrient-poor-soils> AND <#TC +03 R52-Woodland-fringe-of-acidic-nutrient-poor-soils GR 25>)) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R52! Forest fringe of acidic nutrient-poor soils  
 <#TC R52-Woodland-fringe-of-acidic-nutrient-poor-soils-specialists GR 50> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R53 Macaronesian thermophilous forest fringe  
 <##Q +03 R53-Macaronesian-thermophilous-woodland-fringe> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R53! Macaronesian thermophilous forest fringe  
 <#TC R53-Macaronesian-thermophilous-woodland-fringe-specialists GR 25> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 R54 Pteridium aquilinum vegetation  
 (<Pteridium aquilinum GR 50> OR <#TC Pteridium aquilinum GR #T\$>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R55 Lowland moist or wet tall-herb and fern fringe  
 (<##Q +03 R55-Lowland-moist-or-wet-tall-herb-and-fern-fringe> AND <#03 +03 R55-Lowland-moist-or-wet-tall-herb-and-fern-fringe>) NOT (<#TC Trees GR 05> OR (<#TC Shrubs GR 05>))

OR (<#TC +03 C51a-Tall-helophyte-bed GR 25> OR <#TC +03 C52-Tall-sedge-bed GR 25>))

2 R56 Montane to subalpine moist or wet tall-herb and fern fringe  
 (<##Q +03 R56-Montane-subalpine-moist-or-wet-tall-herb-and-fern-fringe> AND <#03 +03 R56-Montane-subalpine-moist-or-wet-tall-herb-and-fern-fringe>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 R57 Herbaceous forest clearing vegetation  
 (<##Q +03 R57-Herbaceous-forest-clearing-vegetation> AND <#03 +03 R57-Herbaceous-forest-clearing-vegetation>) NOT (<#TC Trees GR 10> OR <#TC Shrubs GR 25>)

2 R61 Mediterranean inland salt steppe  
 (<##Q +03 R61-Mediterranean-inland-salt-steppe> NOT (<#01 Continental-inland-salt-steppe-specialists> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 05>))) AND (<\$\$C COAST\_EEA EQ N> NOT <\$\$N DEG\_LAT GR 46>)

2 R62 Continental inland salt steppe  
 (<##Q +03 R62-Continental-inland-salt-steppe> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ N>

2 R63 Temperate inland salt marsh  
 (<##Q +03 R63-Temperate-inland-salt-marsh> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ N>

2 R64 Semi-desert salt pan  
 (<##Q +03 R64-Semi-desert-salt-pan> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)) AND <\$\$C COAST\_EEA EQ N>

2 R65 Continental subsaline alluvial pasture and meadow  
 <##Q +03 R65-Continental-subsaline-alluvial-pasture-and-meadow> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 S11 Shrub tundra  
 ((<#TC Arctic-ericoid-dwarf-shrubs GE \$50> NOT (<#TC Sphagnum GR 25> OR <#TC Trees GR 10>)) AND <\$\$N DEG\_LAT GR 60>) OR (((<#TC Arctic-alpine-dwarf-shrubs GE \$50> OR <#TC Lowland-to-alpine-heath-shrubs GE \$50>) NOT (<#TC Sphagnum GR 25> OR <#TC Trees GR 10>)) AND (<\$\$N DEG\_LAT GR 65> OR <\$\$C Country EQ Iceland>))

4 S12 Moss and lichen tundra



((<#TC Arctic-alpine-bryophytes-lichens GR #T\$> AND <#02 Arctic-alpine-bryophytes-lichens>) NOT (<#TC Sphagnum GR 05> OR <#TC Trees GR 05>)) AND (<\$N DEG\_LAT GR 65> OR <\$C Country EQ Iceland>)

4 S21 Subarctic and alpine dwarf Salix scrub  
<#TC Arctic-alpine-dwarf-willows GE \$25>

4 S22 Alpine and subalpine ericoid heath  
(((<#TC Alpine-subalpine-ericoid-dwarf-shrubs GE \$50> OR <#TC Dryas GE \$50>)  
OR ((<#TC Arctic-alpine-dwarf-shrubs GE \$50> OR <#TC Lowland-to-alpine-heath-shrubs GE \$50>) AND (<#01 Alpine-subalpine-ericoid-dwarf-shrubs> OR <#01 Alpine-acidophilous-herbs>)))  
OR ((<#TC Arctic-alpine-dwarf-shrubs GE \$50> OR <#TC Lowland-to-alpine-heath-shrubs GE \$50>) AND (<\$N Altitude (m) GR 800> NOT <\$N DEG\_LAT GR 65>)))  
NOT ((<#TC Sphagnum GR 25> OR <#TC Bog-herbs GR 10>) OR (<#TC Trees GR 05> OR <Pinus mugo GR 25>))

4 S23 Alpine and subalpine Juniperus scrub  
(((<#TC Arctic-alpine-shrubby-junipers GR 25> AND <#TC Arctic-alpine-shrubby-junipers GE \$50>) NOT <#TC Trees GR 05>) NOT (<\$N Altitude (m) GR 0> NOT <\$N Altitude (m) GR 500>))

4 S24 Subalpine genistoid scrub of the Amphi-Adriatic region  
(<#TC Adriatic-Genista GR 25> AND <#TC Adriatic-Genista GE \$50>) NOT (<#TC Trees GR 10> OR <#TC Shrubs GR 25>)

4 S25 Subalpine and subarctic deciduous scrub  
(((<#TC Subalpine-and-subarctic-deciduous-shrubs GR 25> AND <#TC Subalpine-and-subarctic-deciduous-shrubs GE \$50>) NOT (<#TC Sphagnum GR 25> OR <#TC Trees GR 10>)) NOT ((<\$N DEG\_LAT GR 0> NOT <\$N DEG\_LAT GR 60>) AND (<\$N Altitude (m) GR 0> NOT <\$N Altitude (m) GR 500>))

4 S26 Subalpine Pinus mugo scrub  
(((<Pinus mugo GR 15> AND <#TC Pinus mugo GR #TC Shrubs EXCEPT #TC Pinus mugo>) NOT ((<#TC Sphagnum GR 25> OR <#TC Bog-herbs GR 10>) OR <#TC Trees GR 10>)) NOT ((<\$N DEG\_LAT GR 52> OR (<\$N DEG\_LON GR -10> NOT <\$N DEG\_LON GR 7.5>)) OR (<\$N Altitude (m) GE 0> NOT <\$N Altitude (m) GR 900>))

4 S26! Subalpine *Pinus mugo* scrub  
 (<*Pinus mugo* aggr. GR 15> AND <#TC *Pinus mugo* aggr. GR #TC Trees|#TC Shrubs EXCEPT #TC *Pinus mugo* aggr.>) NOT ((<#TC Sphagnum GR 25> OR <#TC Bog-herbs GR 10>) AND (<\$\$N DEG\_LON GR 7.5> NOT (<\$\$N Altitude (m) GE 0> NOT <\$\$N Altitude (m) GR 900>)))

4 S31 Lowland to montane temperate and submediterranean *Juniperus* scrub  
 (<*Juniperus communis* subsp. *communis* GR 25> AND <#TC *Juniperus communis* subsp. *communis* GE \$50>) NOT <#TC Trees GR 10>

4 S32 Temperate *Rubus* scrub  
 (<#TC Temperate-*Rubus* GR 50> OR <#TC Temperate-*Rubus* GE \$50>) NOT <#TC Trees GR 10>

4 S33 Lowland to montane temperate and submediterranean genistoid scrub  
 (<#TC Genistoid-shrubs GR 25> AND <#TC Genistoid-shrubs GE \$50>) NOT <#TC Trees GR 10>

---4 F31cx SUBTYPE Lowland to montane temperate genistoid scrub  
 ---((<#TC Temperate-genistoid-shrubs GR 25> AND <#TC Temperate-genistoid-shrubs GR #TC Shrubs EXCEPT #TC Temperate-genistoid-shrubs>) AND <#TC Temperate-genistoid-shrubs GR #TC Atlantic-heath-shrubs|#TC Lowland-to-alpine-heath-shrubs>) NOT <#TC Trees GR 10>

---4 F31cy SUBTYPE Lowland to montane Mediterranean genistoid scrub (*Cytisetalia scopario-striati* and *Cytiso villosi-Telinetalia monspessulanae*)  
 ---(#TC Mediterranean-genistoid-shrubs GR 50> AND <#TC Mediterranean-genistoid-shrubs GR #TC Shrubs EXCEPT #TC Mediterranean-genistoid-shrubs>) NOT <#TC Trees GR 10>

4 S34 Balkan-Anatolian submontane genistoid scrub  
 (<*Genista lydia* GR 25> AND <*Genista lydia* GE \$50>) NOT (<#TC Trees GR 10> OR <#TC Shrubs GR 25>)

4 S35 Temperate and submediterranean thorn scrub  
 ((<#TC Temperate-submediterranean-deciduous-shrubs GR 50> AND <#TC Temperate-submediterranean-deciduous-shrubs GE \$50>) OR

(<#TC Mediterranean-Rubus GR 50> OR <#TC Mediterranean-Rubus GE \$50>)) NOT (<#TC Mesomediterranean-maquis-shrubs GR 05> OR <#TC Trees GR 10>)

---4 F31ew SUBTYPE Temperate and submediterranean thorn scrub - without Rubus  
 ---(<#TC Temperate-submediterranean-deciduous-shrubs GR 50> AND <#TC Temperate-submediterranean-deciduous-shrubs GE \$50>) NOT <#TC Trees GR 10>

---4 F31ex SUBTYPE Mediterranean Rubus scrub  
 ---(<#TC Mediterranean-Rubus GR 50> AND <#TC Mediterranean-Rubus GE \$50>) NOT <#TC Trees GR 10>

---4 F31ey SUBTYPE Temperate thorn scrub  
 ---(<#TC Temperate-deciduous-shrubs GR 50> AND <#TC Temperate-deciduous-shrubs GE \$50>) NOT <#TC Trees GR 20>

---4 F31ez SUBTYPE Submediterranean thorn scrub  
 ---(<#TC Submediterranean-deciduous-shrubs GR 50> AND <#TC Submediterranean-deciduous-shrubs GE \$50>) NOT <#TC Trees GR 10>

4 S36 Low steppic scrub  
 (<#TC Low-steppic-shrubs GR 25> AND <#TC Low-steppic-shrubs GE \$50>) NOT <#TC Trees GR 10>

4 S37 Corylus avellana scrub  
 (<Corylus avellana GR 50> AND <Corylus avellana GE \$50>) NOT <#TC Trees GR 10>

4 S38 Temperate forest clearing scrub  
 (<#TC Forest-clearing-trees-and-shrubs GR 50> AND <#TC Forest-clearing-trees-and-shrubs GE \$50>) NOT <\$N DEG\_LON GR 60>

4 S41 Wet heath  
 ((<Erica tetralix GR 25> AND <Erica tetralix GE \$50>) OR ((<#TC Dry-and-wet-heath-shrubs GR 25> AND <#TC Dry-and-wet-heath-shrubs GE \$50>) AND <#02 Wet-heath-herbs-and-mosses>))  
 NOT ((<#TC Trees GR 10> OR <#TC Shrubs GR 10>) OR <#01 Raised-bog-Sphagnum>)

4 S42 Dry heath

(<#TC Dry-heath-shrubs|#TC Dry-and-wet-heath-shrubs GR 25> AND <#TC Dry-heath-shrubs|#TC Dry-and-wet-heath-shrubs GE \$50>)

NOT (<#TC Wet-heath-herbs-and-mosses|#TC Arctic-alpine-dwarf-shrubs|#TC Arctic-ericoid-dwarf-shrubs|#TC Alpine-subalpine-ericoid-dwarf-shrubs GR 25> OR (<#TC Trees GR 10> OR <#TC Shrubs GR 10>))

7 S43 Macaronesian heath  
 (((<#TC Macaronesian-low-heath-shrubs GR 25> AND <#TC Macaronesian-low-heath-shrubs GE \$50>) AND <#TC Macaronesian-low-heath-shrubs GR #TC Macaronesian-tall-heath-shrubs>) NOT <#TC Trees GR 10>) NOT (<\$N DEG\_LAT GR 40> OR <\$N DEG\_LON GR -12>)

4 S51 Mediterranean maquis and arborescent matorral  
 ((<#TC Mesomediterranean-maquis-shrubs GR 25> AND <#TC Mesomediterranean-maquis-shrubs GE \$50>) NOT <#TC Trees GR 10>) NOT ((<\$N DEG\_LON GR -50> NOT <\$N DEG\_LON GR -12>) OR <\$N DEG\_LAT GR 47>)

4 S52 Submediterranean pseudomaquis  
 (((<#TC Mesomediterranean-maquis-shrubs GR 20> OR <#TC Sclerophyllous-tree-Quercus GR 05>) AND (<#TC Submediterranean-deciduous-shrubs GR 20> OR <#TC Thermophilous-oak-forest-trees GR 05>)) OR (<Buxus sempervirens GR 25> AND <#TC Buxus sempervirens GE \$50>)) NOT <#TC Trees GR 15>) NOT <\$N DEG\_LAT GR 46.5>

4 S53 Spartium junceum scrub  
 <Spartium junceum GR 25> AND <Spartium junceum GE \$50>

4 S54 Thermomediterranean arid scrub  
 (<#TC Thermomediterranean-shrubs GR 25> AND <#TC Thermomediterranean-shrubs GE \$50>) NOT <#TC Trees GR 10>

4 S61 Western basiphilous garrigue  
 (((<#TC W-basic-garrigue-shrubs GR 25> AND <#TC W-basic-garrigue-shrubs GE \$50>) AND <#01 W-basic-garrigue-herbs>) OR ((<#TC Pan-Mediterranean-basic-garrigue-shrubs GR 25> AND <#TC Pan-Mediterranean-basic-garrigue-shrubs GE \$50>) AND (<#03 W-basic-garrigue-herbs> AND <### W-basic-garrigue-herbs GR ### E-garrigue-herbs>))) NOT (<#01 Phrygana-shrubs> OR <#TC Trees GR 10>)

4 S62 Western acidophilous garrigue

(((<#TC W-acidic-garrigue-shrubs GR 25> AND <#TC W-acidic-garrigue-shrubs GE \$50>) AND <#01 W-acidic-garrigue-herbs>) OR ((<#TC Pan-Mediterranean-acidic-garrigue-shrubs GR 25> AND <#TC Pan-Mediterranean-acidic-garrigue-shrubs GE \$50>) AND <#03 W-acidic-garrigue-herbs>)) NOT (<#01 Phrygana-shrubs> OR <#TC Trees GR 10>)

4 S63 Eastern garrigue  
((<#TC E-garrigue-shrubs GR 25> AND <#TC E-garrigue-shrubs GE \$50>) OR ((<#TC Pan-Mediterranean-acidic-garrigue-shrubs GR 25> AND <#TC Pan-Mediterranean-acidic-garrigue-shrubs GE \$50>) AND <#03 E-garrigue-herbs>) OR ((<#TC Pan-Mediterranean-basic-garrigue-shrubs GR 25> AND <#TC Pan-Mediterranean-basic-garrigue-shrubs GE \$50>) AND <#03 E-garrigue-herbs>))) NOT <#TC Trees GR 10>

4 S64 Macaronesian garrigue  
((<#TC Macaronesian-garrigue-shrubs GR 25> AND <#TC Macaronesian-garrigue-shrubs GE \$50>) OR (<Cistus monspeliensis GR 25> AND <#01 Macaronesian-garrigue-shrubs>)) NOT <#TC Trees GR 10>

4 S65 Mediterranean gypsum scrub  
(<#TC Gypsophilous-dwarf-shrubs GR 10> OR ((<#TC W-basic-garrigue-shrubs GR 25> OR <#TC Pan-Mediterranean-basic-garrigue-shrubs GR 25>) AND <#03 Gypsophilous-herbs>)) NOT (<#TC Trees GR 10> OR <#TC Shrubs GR 05>)

4 S66 Mediterranean halo-nitrophilous scrub  
((<#TC Mediterranean-halo-nitrophilous-scrub-species GE \$50> AND <#02 Mediterranean-halo-nitrophilous-scrub-species>) NOT <#TC Trees GR 10>) NOT <\$\$N DEG\_LON GR 40>

4 S66! Mediterranean halo-nitrophilous scrub  
<#TC Macaronesian-xero-halophile-scrub-species GE \$50> NOT <#TC Trees GR 10>

4 S67 Aralo-Caspian semi-desert  
((((<#TC Aralo-Caspian-semi-desert-species GE \$50> AND <#03 Aralo-Caspian-semi-desert-species>) AND <### Aralo-Caspian-semi-desert-species GE ### Semi-desert-sand-dune-with-sparse-scrub>) AND <### Aralo-Caspian-semi-desert-species GR ### +03 R1C-Desert-steppe>) NOT <#TC Trees GR 10>) NOT (<\$\$N DEG\_LON GR -50> NOT <\$\$N DEG\_LON GR 42>)

4 S68 Semi-desert sand dune with sparse scrub  
 (((<#TC Semi-desert-sand-dune-with-sparse-scrub GE \$50> AND <#02  
 Semi-desert-sand-dune-with-sparse-scrub>) AND <###  
 Semi-desert-sand-dune-with-sparse-scrub GR ### Aralo-  
 Caspian-semi-desert-species>) NOT <#TC Trees GR 10>  
 NOT (<\$N DEG\_LON GR -50> NOT <\$N DEG\_LON GR 42>)

4 S71 Western Mediterranean spiny heath  
 (<#TC W-Mediterranean-coastal-spiny-shrubs GR 25> AND <#TC W-  
 Mediterranean-coastal-spiny-shrubs GE \$50>) NOT <#TC  
 Trees GR 10>

4 S72 Eastern Mediterranean spiny heath (phrygana)  
 (<#TC Phrygana-shrubs GR 25> AND <#TC Phrygana-shrubs GE \$50>) NOT  
 <#TC Trees GR 10>

4 S73 Western Mediterranean mountain hedgehog-heath  
 (<#TC W-Mediterranean-mountain-thorny-cushion-shrubs GR 25> AND  
 <#TC W-Mediterranean-mountain-thorny-cushion-shrubs  
 GE \$50>) NOT <#TC Trees GR 10>

4 S74 Central Mediterranean mountain hedgehog-heath  
 (<#TC C-Mediterranean-mountain-thorny-cushion-shrubs GR 25> AND  
 <#TC C-Mediterranean-mountain-thorny-cushion-shrubs  
 GE \$50>) NOT <#TC Trees GR 10>

4 S75 Eastern Mediterranean mountain hedgehog-heath  
 (<#TC E-Mediterranean-mountain-thorny-cushion-shrubs GR 25> AND  
 <#TC E-Mediterranean-mountain-thorny-cushion-shrubs  
 GE \$50>) NOT <#TC Trees GR 10>

4 S76 Canarian mountain hedgehog-heath  
 <#TC Teide-summit-plants GE \$50> NOT <#TC Trees GR 10>

4 S81 Canarian xerophytic scrub  
 (<#TC Canary-Island-xerophytic-scrub-species GR 20> AND <#TC  
 Canary-Island-xerophytic-scrub-species GR #TC  
 Madeiran-xerophytic-scrub-species>) NOT <#TC Trees GR  
 10>

4 S81! Canarian xerophytic scrub  
 ((<#TC Canary-Island-xerophytic-scrub-species GR 20> AND <#TC  
 Canary-Island-xerophytic-scrub-species EQ #TC  
 Madeiran-xerophytic-scrub-species>) NOT <#TC Trees GR  
 10>) NOT <\$N DEG\_LAT GR 30>

4 S82 Madeiran xerophytic scrub  
 ((<#TC Madeiran-xerophytic-scrub-species GR 20> AND <#TC Madeiran-xerophytic-scrub-species GR #TC Canary-Island-xerophytic-scrub-species>) NOT <#TC Trees GR 10>) AND <\$\$N DEG\_LON GR -20>

4 S82! Madeiran xerophytic scrub  
 ((<#TC Madeiran-xerophytic-scrub-species GR 20> AND <#TC Madeiran-xerophytic-scrub-species EQ #TC Canary-Island-xerophytic-scrub-species>) NOT <#TC Trees GR 10>) AND <\$\$N DEG\_LAT GR 30>

4 S91 Temperate riparian scrub  
 ((<#TC Temperate-riparian-shrubs GR 50> AND <#TC Temperate-riparian-shrubs GR #TC Shrubs EXCEPT #TC Temperate-riparian-shrubs>) OR ((<Tamarix ramosissima GR 30> AND <Tamarix ramosissima GE \$50>) AND <#01 Temperate-riparian-shrubs>)) NOT (<#01 Mediterranean-riparian-species> OR <#TC Trees GR10>)

4 S92 Salix fen scrub  
 (<#TC Temperate-fen-shrubs GR 50> AND <#TC Temperate-fen-shrubs GE \$50>) NOT <#TC Trees GR 10>

4 S93 Mediterranean riparian scrub  
 ((<#TC Mediterranean-riparian-shrubs GR 30> AND <#TC Mediterranean-riparian-shrubs GE \$50>) OR ((<Tamarix ramosissima GR 30> AND <Tamarix ramosissima GE \$50>) AND <#01 Mediterranean-riparian-species>)) NOT <#TC Trees GR 10>

4 S94 Semi-desert riparian scrub  
 ((<#TC Semi-desert-riparian-shrubs GR 15> AND <#TC Semi-desert-riparian-shrubs GE \$50>) OR ((<Tamarix ramosissima GR 30> AND <Tamarix ramosissima GE \$50>) AND <#01 Semi-desert-riparian-shrubs>)) NOT <#TC Trees GR 10>

4 T11 Temperate Salix and Populus riparian forest  
 (<#TC Softwood-riparian-trees GR 25> AND <#TC Softwood-riparian-trees GR #TC Trees EXCEPT #TC Softwood-riparian-trees>) NOT <#01 Mediterranean-riparian-species>

4 T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils  
 ((<#TC Alnus GR 25> AND <#TC Alnus GR #TC Trees EXCEPT #TC Alnus>) OR

(((<Fraxinus excelsior GR 25> AND <#TC Fraxinus excelsior GR #TC Trees EXCEPT #TC Fraxinus excelsior>) AND (<#TC Temperate-upland-riparian-forest-species GR 10> AND <#TC Temperate-riparian-forest-species GR 10>))) NOT <#TC Alder-carr-species GR 03>

4 T13 Temperate hardwood riparian forest  
(<#TC Floodplain-hardwood-trees GR 50> AND (<#TC Temperate-riparian-forest-species GR 15> AND <#02 Temperate-riparian-forest-species>)) NOT  
(((<#TC Alder-carr-species GR 03> OR <#TC Temperate-upland-riparian-forest-species GR 03>) OR <#01 Temperate-upland-riparian-forest-species>) OR <Platanus orientalis GR 00>)

4 T14 Mediterranean and Macaronesian riparian forest  
<Platanus orientalis GR 25> OR ((<#TC Softwood-riparian-trees GR 25> OR <#TC Softwood-riparian-trees GR #TC Trees EXCEPT #TC Softwood-riparian-trees>) AND <#02 Mediterranean-riparian-species>)

4 T15 Broadleaved swamp forest on non-acid peat  
(<Alnus glutinosa GR 25> AND <#TC Alder-carr-species GR 10>) NOT <Salix cinerea GR 25>

4 T16 Broadleaved mire forest on acid peat  
(<#TC Betula pendula-pubescens GR 15> AND <#TC Betula pendula-pubescens GR #TC Trees EXCEPT #TC Betula pendula-pubescens>) AND (<#TC Birch-bog-forest-species GR 10> OR <#TC Sphagnum GR 25>)

4 T17 Fagus forest on non-acid soils  
(((<#TC Fagus-sylvatica-orientalis GR 30> AND <#TC Fagus-sylvatica-orientalis GE #TC Trees EXCEPT #TC Fagus-sylvatica-orientalis>) AND <### +04 Eutrophic-deciduous-forest-species GR ### +04 Acidophilous-forest-species>) NOT <#TC +04 Acidophilous-forest-species GR 25>) NOT (<\$\$C Country EQ Ireland> OR (<\$\$C Country EQ United Kingdom> AND <\$\$N DEG\_LAT GR 53>))

4 T18 Fagus forest on acid soils  
(((<#TC Fagus-sylvatica-orientalis GR 30> AND <#TC Fagus-sylvatica-orientalis GE #TC Trees EXCEPT #TC Fagus-sylvatica-orientalis>) AND <### +04 Acidophilous-forest-species GR ### +04 Eutrophic-deciduous-forest-species>) NOT <#TC +04 Eutrophic-deciduous-forest-species GR 25>)



NOT (<\$\$C Country EQ Ireland> OR (<\$\$C Country EQ United Kingdom> AND <\$\$N DEG\_LAT GR 53>))

4 T19 Temperate and submediterranean thermophilous deciduous forest

((<#TC Thermophilous-oak-forest-trees GR 15> AND <#TC Thermophilous-oak-forest-trees GR #TC Trees EXCEPT #TC Thermophilous-oak-forest-trees>) OR ((<#TC Quercus petraea-pyrenaica-robur GR 15> AND <#TC Quercus petraea-pyrenaica-robur GR #TC Trees EXCEPT #TC Quercus petraea-pyrenaica-robur>) AND <##D +04 Thermophilous-oak-forest-species>)) NOT (<#TC +04 Acidophilous-forest-species GR 15> OR <#TC +04 Eutrophic-deciduous-forest-species GR 15>)

4 T1A Mediterranean thermophilous deciduous forest  
<Quercus ithaburensis GR 15> AND <#TC Quercus ithaburensis GR #TC Trees EXCEPT #TC Quercus ithaburensis>

4 T1B Acidophilous Quercus forest  
(((<#TC Quercus petraea-pyrenaica-robur GR 15> AND <#TC Quercus petraea-pyrenaica-robur GR #TC Trees EXCEPT #TC Quercus petraea-pyrenaica-robur>) OR (<#TC Castanea sativa GR 15> AND <#TC Castanea sativa GR #TC Trees EXCEPT #TC Castanea sativa>)) AND <##D +04 Acidophilous-forest-species>) NOT (<#TC +04 Thermophilous-oak-forest-species GR 15> OR <#TC +04 Eutrophic-deciduous-forest-species GR 15>)

4 T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils  
(((<#TC Boreo-temperate-mountain-Betula GR 15> AND <#TC Boreo-temperate-mountain-Betula GR #TC Trees EXCEPT #TC Boreo-temperate-mountain-Betula>) NOT (<#TC Birch-bog-forest-species GR 25> OR <#TC Sphagnum GR 25>)) AND <\$\$N Altitude (m) GR 300>

4 T1C! Temperate and boreal mountain Betula and Populus tremula forest on mineral soils  
(((<Betula pubescens GR 15> AND <#TC Betula pubescens GR #TC Trees EXCEPT #TC Betula pubescens>) NOT (<#TC Birch-bog-forest-species GR 25> OR <#TC Sphagnum GR 25>)) AND ((<\$\$N DEG\_LAT GR 55> AND <\$\$N Altitude (m) GR 300>) OR (<\$\$N DEG\_LAT GR 44.5> AND <\$\$N Altitude (m) GR 800>))

4 T1C- Temperate and boreal mountain Betula and Populus tremula forest on mineral soils  
 ((<Populus tremula GR 15> AND <#TC Populus tremula GR #TC Trees EXCEPT #TC Populus tremula>) NOT (<#TC Birch-bog-forest-species GR 25> OR <#TC Sphagnum GR 25>)) AND ((<\$\$N DEG\_LAT GR 55> AND <\$\$N Altitude (m) GR 300>) OR (<\$\$N DEG\_LAT GR 44.5> AND <\$\$N Altitude (m) GR 800>))

4 T1D Southern European mountain Betula and Populus tremula forest on mineral soils  
 <Betula pendula var. fontqueri GR 15> AND <#TC Betula pendula var. fontqueri GR #TC Trees EXCEPT #TC Betula pendula var. fontqueri>

4 T1D! Southern European mountain Betula and Populus tremula forest on mineral soils  
 (<Betula pendula GR 15> AND <#TC Betula pendula GR #TC Trees EXCEPT #TC Betula pendula>) AND ((<\$\$N DEG\_LAT GR 34> NOT <\$\$N DEG\_LAT GR 44.5>) NOT (<\$\$N Altitude (m) GE 0> NOT <\$\$N Altitude (m) GR 1000>))

4 T1D- Southern European mountain Betula and Populus tremula forest on mineral soils  
 (<Populus tremula GR 15> AND <#TC Populus tremula GR #TC Trees EXCEPT #TC Populus tremula>) AND ((<\$\$N DEG\_LAT GR 34> NOT <\$\$N DEG\_LAT GR 44.5>) NOT (<\$\$N Altitude (m) GE 0> NOT <\$\$N Altitude (m) GR 1000>))

4 T1E Carpinus and Quercus mesic deciduous forest  
 (((<#TC Oak-hornbeam-forest-trees GR 50> AND <#TC +04 Eutrophic-deciduous-forest-species GR 05>) AND <##D +04 Eutrophic-deciduous-forest-species>) OR (<#TC Noble-hardwood-trees-generalists GR 50> NOT (<#02 Ravine-forest-specialists> AND <#TC Ravine-forest-specialists GR 05>))) NOT (<#TC Temperate-riparian-forest-species GR 05> OR (<#TC +04 Thermophilous-oak-forest-species GR 15> OR <#TC +04 Acidophilous-forest-species GR 15>))

4 T1F Ravine forest  
 (((<#TC Noble-hardwood-trees-ravine-specialists GR 25> AND <#TC Noble-hardwood-trees-ravine-specialists GR #TC Trees EXCEPT #TC Noble-hardwood-trees-ravine-specialists>) AND <##D +04 Eutrophic-deciduous-forest-species>) OR (<#TC Noble-hardwood-trees-generalists GR 25> AND (<#02 Ravine-

forest-specialists> AND <#TC Ravine-forest-specialists GR 05>))  
 NOT ((<#TC Temperate-riparian-forest-species GR 05> OR <#TC Softwood-riparian-trees GR 05>) OR (<#TC +04 Thermophilous-oak-forest-species GR 15> OR <#TC +04 Acidophilous-forest-species GR 15>))

4 T1G Alnus cordata forest  
 (<Alnus cordata GR 25> AND <#TC Alnus cordata GR #TC Trees EXCEPT #TC Alnus cordata>) NOT <\$\$N DEG\_LAT GR 43>

4 T1H Broadleaved deciduous plantation of non site-native trees  
 <#TC Non-native-broadleaf-deciduous-trees GR #TC Native-trees|#TC Non-native-conifer-trees|#TC Non-native-broadleaf-evergreen-trees> AND <#TC Non-native-broadleaf-deciduous-trees GR 15>

4 T1H! Broadleaved deciduous plantation of non site-native trees  
 (<#TC Fagus-sylvatica-orientalis GR 30> AND <#TC Fagus-sylvatica-orientalis GE #TC Trees EXCEPT #TC Fagus-sylvatica-orientalis>) AND (<\$\$C Country EQ Ireland> OR (<\$\$C Country EQ United Kingdom> AND <\$\$N DEG\_LAT GR 53>))

4 T21 Mediterranean evergreen Quercus forest  
 <#TC Sclerophyllous-tree-Quercus GR 25> AND <#TC Sclerophyllous-tree-Quercus GR #TC Trees EXCEPT #TC Sclerophyllous-tree-Quercus>

4 T21! Mediterranean evergreen Quercus forest  
 (<Quercus coccifera GR 25> AND <#TC Quercus coccifera GR #TC Trees EXCEPT #TC Quercus coccifera>) AND <\$\$N DEG\_LON GR 19>

4 T22 Mainland laurophyllous forest  
 (<#TC Mainland-laurophyllous GR 25> AND (<#TC Mainland-laurophyllous GR #TC Trees EXCEPT #TC Mainland-laurophyllous> AND <#TC Mainland-laurophyllous GR #TC Shrubs EXCEPT #TC Mainland-laurophyllous>)) NOT <#01 Macaronesian-laurophyllous>

4 T22! Mainland laurophyllous forest  
 (<Prunus lusitanica GR 25> AND (<#TC Prunus lusitanica GR #TC Trees> AND <#TC Prunus lusitanica GR #TC Shrubs EXCEPT #TC Prunus lusitanica>)) AND <\$\$N DEG\_LON GR -10>

4 T23 Macaronesian laurophyllous forest

<#TC Macaronesian-laurophyllous GR 25> AND (<#TC Macaronesian-laurophyllous GR #TC Trees EXCEPT #TC Macaronesian-laurophyllous> AND <#TC Macaronesian-laurophyllous GR #TC Shrubs EXCEPT #TC Macaronesian-laurophyllous>)

4 T23! Macaronesian laurophyllous forest  
(<Prunus lusitanica GR 25> AND (<#TC Prunus lusitanica GR #TC Trees> AND <#TC Prunus lusitanica GR #TC Shrubs EXCEPT #TC Prunus lusitanica>)) NOT <\$\$N DEG\_LON GR -10>

4 T24 Olea europaea-Ceratonia siliqua forest  
(<#TC Olea-Ceratonia-woodland-shrubs GR 25> AND (<#TC Olea-Ceratonia-woodland-shrubs GR #TC Shrubs EXCEPT #TC Olea-Ceratonia-woodland-shrubs> AND <#TC Olea-Ceratonia-woodland-shrubs GR #TC Trees EXCEPT #TC Olea-Ceratonia-woodland-shrubs>)) NOT <#TC Mediterranean-Pinus GR 15>

4 T25 Phoenix theophrasti vegetation  
<Phoenix theophrasti GR 25>

4 T26 Phoenix canariensis vegetation  
<Phoenix canariensis GR 25>

4 T27 Ilex aquifolium forest  
<Ilex aquifolium GR 25> AND (<#TC Ilex aquifolium GR #TC Trees EXCEPT #TC Ilex aquifolium> AND <#TC Ilex aquifolium GR #TC Shrubs EXCEPT #TC Ilex aquifolium>)

4 T28 Macaronesian heathy forest  
((<#TC Macaronesian-tall-heath-shrubs GR 25> AND <#TC Macaronesian-tall-heath-shrubs GE #TC Macaronesian-low-heath-shrubs>) AND (<#TC Macaronesian-tall-heath-shrubs GR #TC Trees EXCEPT #TC Macaronesian-tall-heath-shrubs> AND <#TC Macaronesian-tall-heath-shrubs GR #TC Shrubs EXCEPT #TC Macaronesian-tall-heath-shrubs>)) NOT (<\$\$N DEG\_LAT GR 40> OR <\$\$N DEG\_LON GR -12>)

4 T29 Broadleaved evergreen plantation of non site-native trees  
<#TC Non-native-broadleaf-evergreen-trees GR #TC Native-trees|#TC Non-native-conifer-trees|#TC Non-native-broadleaf-deciduous-trees> AND <#TC Non-native-broadleaf-evergreen-trees GR 15>

4 T31 Temperate mountain Picea forest

((<#TC Picea GR 25> AND <#TC Picea GR #TC Trees EXCEPT #TC Picea>) NOT (<Picea obovata GR 00> OR (<#TC Bog-herbs GR 10> OR <#TC Sphagnum GR 25>)) AND (<\$\$N Altitude (m) GR 700> NOT <\$\$N DEG\_LAT GR 52>)

4 T32 Temperate mountain Abies forest  
(<#TC Temperate-Abies GR 25> AND <#TC Temperate-Abies GR #TC Trees EXCEPT #TC Temperate-Abies>) NOT ((((<\$\$N Altitude (m) GR 0> NOT <\$\$N Altitude (m) GR 500>) OR <\$\$C ECOREG\_WWF EQ PA0402>) OR <\$\$C Country EQ Ireland>) OR <\$\$C Country EQ United Kingdom>) OR (<\$\$C Country EQ Italy> NOT <\$\$N DEG\_LAT GR 43.75>))

4 T33 Mediterranean mountain Abies forest  
(<#TC Mediterranean-Abies GR 25> AND <#TC Mediterranean-Abies GR #TC Trees EXCEPT #TC Mediterranean-Abies>) OR ((<Abies alba GR 25> AND <#TC Abies alba GR #TC Trees EXCEPT #TC Abies alba>) AND (<\$\$C Country EQ Italy> NOT <\$\$N DEG\_LAT GR 43.75>))

4 T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest  
((<#TC Subalpine-conifers GR 15> AND <#TC Subalpine-conifers GR #TC Trees EXCEPT #TC Subalpine-conifers>) AND (<#01 Subalpine> OR <\$\$N Altitude (m) GR 1000>)) NOT <\$\$N DEG\_LAT GR 49.5>

4 T34! Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest  
((<Pinus uncinata GR 15> AND <#TC Pinus uncinata GR #TC Trees EXCEPT #TC Pinus uncinata>) AND (<#01 Subalpine> OR <\$\$N Altitude (m) GR 1200>)) NOT <\$\$N DEG\_LON GR 11>

4 T35 Temperate continental Pinus sylvestris forest  
((<Pinus sylvestris GR 15> AND <#TC Pinus sylvestris GR #TC Trees EXCEPT #TC Pinus sylvestris>) NOT (((((((((<#01 Junipero-Pinetea-species> OR <#01 Erico-Pinetea-species>) OR <#01 W-Mediterranean-mountain-thorny-cushion-shrubs>) OR <Pinus nigra GR 00>) OR <#TC Sphagnum GR 10>) OR <#TC Bog-herbs GR 10>) OR <#02 Bog-herbs>) OR <#TC Alder-carr-species GR 15>) OR <#TC +04 Eutrophic-deciduous-forest-species GR 15>) OR <#01 Atlantic-forest-species>)) NOT (((((((((<\$\$C ECOREG\_WWF EQ PA0436> OR <\$\$C ECOREG\_WWF EQ PA0520>) OR <\$\$C ECOREG\_WWF EQ PA0608>) OR <\$\$C ECOREG\_WWF EQ PA0610>) OR <\$\$C ECOREG\_WWF EQ PA1110>) OR (<\$\$N DEG\_LON GR 4> AND <\$\$N DEG\_LAT GR 56.5>)) OR <\$\$C

ECOREG\_WWF EQ PA0402>) OR <\$\$C Ecoreg\_WWF EQ PA0433>  
OR (<\$\$C Country EQ United Kingdom> NOT <\$\$C Ecoreg\_WWF  
EQ PA0503>)) OR <\$\$C Country EQ Ireland> OR <\$\$C  
Country EQ Portugal> OR <\$\$C Country EQ Spain>

4 T36 Temperate and submediterranean montane Pinus  
sylvestris-Pinus nigra forest  
((<#TC Pinus-sylvestris-nigra GR 15> AND <#TC Pinus-sylvestris-  
nigra GR #TC Trees EXCEPT #TC Pinus-sylvestris-nigra>  
AND <#02 Erico-Pinetea-species>) NOT (((<#TC +04  
Acidophilous-forest-species GR 15> OR <#TC +04  
Acidophilous-forest-species GR 15>) OR <#01 Junipero-  
Pinetea-species>) OR <#01 W-Mediterranean-mountain-  
thorny-cushion-shrubs>))

4 T37 Mediterranean montane Pinus sylvestris-Pinus nigra  
forest  
((<#TC Pinus-sylvestris-nigra GR 15> AND <#TC Pinus-sylvestris-  
nigra GR #TC Trees EXCEPT #TC Pinus-sylvestris-nigra>  
AND (<#01 Junipero-Pinetea-species> OR <#01 W-  
Mediterranean-mountain-thorny-cushion-shrubs>)) OR  
((<Pinus nigra GR 15> AND <#TC Pinus nigra GR #TC Trees  
EXCEPT #TC Pinus nigra>) AND (<\$\$N Altitude (m) GR  
1000> NOT <\$\$N DEG\_LAT GR 46>))

4 T38 Mediterranean montane Cedrus forest  
(<Cedrus libani GR 15> AND <#TC Cedrus libani GR #TC Trees EXCEPT  
#TC Cedrus libani>) OR ((<Cedrus atlantica GR 15> AND  
<#TC Cedrus atlantica GR #TC Trees EXCEPT #TC Cedrus  
atlantica>) NOT <\$\$N DEG\_LAT GR 36>))

4 T39 Mediterranean and Balkan subalpine Pinus heldreichii-  
Pinus peuce forest  
<#TC Pinus-heldreichii-peuce GR 15> AND <#TC Pinus-heldreichii-  
peuce GR #TC Trees EXCEPT #TC Pinus-heldreichii-peuce>

4 T3A Mediterranean lowland to submontane Pinus forest  
(<#TC Mediterranean-Pinus GR 15> AND <#TC Mediterranean-Pinus GR  
#TC Trees EXCEPT #TC Mediterranean-Pinus>) NOT (((<\$\$C  
ECOREG\_WWF EQ PA0402> OR <\$\$C Ecoreg\_WWF EQ PA0406>  
OR <\$\$C Ecoreg\_WWF EQ PA0445>) OR <\$\$C COAST\_EEA EQ  
ATL>))

4 T3B Pinus canariensis forest  
(<Pinus canariensis GR 15> AND <#TC Pinus canariensis GR #TC Trees  
EXCEPT #TC Pinus canariensis>) NOT <\$\$N DEG\_LON GR -  
15>

4 T3C *Taxus baccata* forest  
(<*Taxus baccata* GR 25> AND <#TC *Taxus baccata* GR #TC Trees|#TC  
Shrubs EXCEPT #TC *Taxus baccata*>) AND <#01 +04  
Eutrophic-deciduous-forest-species>

4 T3D Mediterranean Cupressaceae forest  
<#TC Cupressaceae-trees GR 15> AND <#TC Cupressaceae-trees GR #TC  
Trees EXCEPT #TC Cupressaceae-trees>

4 T3D! Mediterranean Cupressaceae forest  
(<*Cupressus sempervirens* GR 15> AND <#TC *Cupressus sempervirens* GR  
#TC Trees EXCEPT #TC *Cupressus sempervirens*>) AND <\$\$N  
DEG\_LON GR 23.5>

4 T3E Macaronesian *Juniperus* forest  
<#TC Macaronesian-junipers GR 15> AND <#TC Macaronesian-junipers GR  
#TC Trees EXCEPT #TC Macaronesian-junipers>

4 T3F Dark taiga  
((<#TC Dark-taiga-trees GR 25> AND <#TC Dark-taiga-trees GR #TC  
Trees EXCEPT #TC Dark-taiga-trees>) NOT (<#TC Bog-  
herbs GR 10> OR <#TC Sphagnum GR 25>)) AND (((<\$\$C  
ECOREG\_WWF EQ PA0436> OR <\$\$C ECOREG\_WWF EQ PA0520>)  
OR <\$\$C ECOREG\_WWF EQ PA0608>) OR <\$\$C ECOREG\_WWF EQ  
PA0610>) OR <\$\$C ECOREG\_WWF EQ PA1110>)

4 T3G *Pinus sylvestris* light taiga  
((<*Pinus sylvestris* GR 15> AND <#TC *Pinus sylvestris* GR #TC Trees  
EXCEPT #TC *Pinus sylvestris*>) NOT (<#TC Bog-herbs GR  
10> OR <#TC Sphagnum GR 25>)) AND (((<\$\$C ECOREG\_WWF  
EQ PA0436> OR <\$\$C ECOREG\_WWF EQ PA0520>) OR <\$\$C  
ECOREG\_WWF EQ PA0608>) OR <\$\$C ECOREG\_WWF EQ PA0610>)  
OR <\$\$C ECOREG\_WWF EQ PA1110>)

4 T3H *Larix* light taiga  
(<*Larix sibirica* GR 15> AND <#TC *Larix sibirica* GR #TC Trees EXCEPT  
#TC *Larix sibirica*>) NOT (<#TC Bog-herbs GR 10> OR  
<#TC Sphagnum GR 25>)

4 T3J *Pinus* and *Larix* mire forest  
((<#TC Bog-*Pinus* GR 10> AND (<#TC Bog-*Pinus* GR #TC Trees EXCEPT #TC  
Bog-*Pinus*> AND <#TC Bog-*Pinus* GR #TC Shrubs EXCEPT #TC  
Bog-*Pinus*>)) OR (<*Larix sibirica* GR 10> AND <#TC *Larix*  
*sibirica* GR #TC Trees EXCEPT #TC *Larix sibirica*>)) AND  
(<#TC Bog-herbs GR 10> OR <#TC Sphagnum GR 25>)

4 T3K Picea mire forest  
 ((<#TC Picea GR 10> AND <#TC Picea GR #TC Trees EXCEPT #TC Picea>  
 AND <#TC Picea GR #TC Pinus mugo>) AND (<#TC Bog-herbs  
 GR 10> OR <#TC Sphagnum GR 25>)

4 T3M Coniferous plantation of non site-native trees  
 <#TC Non-native-conifer-trees GR #TC Native-trees|#TC Non-native-  
 broadleaf-deciduous-trees|#TC Non-native-broadleaf-  
 evergreen-trees> AND <#TC Non-native-conifer-trees GR  
 15>

4 T3M! Coniferous plantation of non site-native trees  
 (<Pinus pinaster GR 15> AND <#TC Pinus pinaster GR #TC Trees EXCEPT  
 #TC Pinus pinaster>) AND ((<\$\$C ECOREG\_WWF EQ PA0402>  
 OR <\$\$C ECOREG\_WWF EQ PA0406>) OR <\$\$C ECOREG\_WWF EQ  
 PA0445>)

4 T3M- Coniferous plantation of non site-native trees  
 (<Pinus canariensis GR 15> AND <#TC Pinus canariensis GR #TC Trees  
 EXCEPT #TC Pinus canariensis>) AND <\$\$N DEG\_LON GR -  
 15>

4 T3M- Coniferous plantation of non site-native trees  
 (<Cedrus atlantica GR 15> AND <#TC Cedrus atlantica GR #TC Trees  
 EXCEPT #TC Cedrus atlantica>) AND <\$\$N DEG\_LAT GR 36>

4 T3M- Coniferous plantation of non site-native trees  
 (<#TC Picea GR 25> AND <#TC Picea GR #TC Trees EXCEPT #TC Picea>  
 AND (<\$\$C Country EQ Ireland> OR (<\$\$C Country EQ  
 United Kingdom> OR (<\$\$C Country EQ Spain> OR (<\$\$C  
 Country EQ Belgium> OR (<\$\$C Country EQ Netherlands>  
 OR (<\$\$C Country EQ Denmark> OR ((<\$\$C Country EQ  
 Germany> AND <\$\$N DEG\_LAT GR 52>) OR (<\$\$C Country EQ  
 France> AND (<\$\$N DEG\_LON GR -50> NOT <\$\$N DEG\_LON GR  
 4>)))))))))

4 T3M- Coniferous plantation of non site-native trees  
 ((<#TC Picea GR 25> AND <#TC Picea GR #TC Trees EXCEPT #TC Picea>  
 NOT (<#TC Bog-herbs GR 10> OR <#TC Sphagnum GR 25>))  
 AND ((<\$\$N DEG\_LON GR 4> AND (<\$\$N DEG\_LAT GR 0> NOT  
 <\$\$N DEG\_LAT GR 52>)) AND (<\$\$N Altitude (m) GR 0> NOT  
 <\$\$N Altitude (m) GR 500>))

4 T3M. Coniferous plantation of non site-native trees  
 (<#TC Temperate-Abies GR 25> AND <#TC Temperate-Abies GR #TC Trees  
 EXCEPT #TC Temperate-Abies>) AND (<\$\$C ECOREG\_WWF EQ



PA0402> OR (<\$\$C Country EQ Ireland> OR <\$\$C Country EQ United Kingdom>))

4 T3M. Coniferous plantation of non site-native trees  
 (<Larix decidua GR 25> AND <#TC Larix decidua GR #TC Trees EXCEPT #TC Larix decidua>) AND (<\$\$N Altitude (m) GR 0> NOT <\$\$N Altitude (m) GR 1000>)

4 T3M. Coniferous plantation of non site-native trees  
 (<Pinus sylvestris GR 15> AND <#TC Pinus sylvestris GR #TC Trees EXCEPT #TC Pinus sylvestris>) AND (<\$\$C ECOREG\_WWF EQ PA0402> OR (<\$\$C Country EQ Ireland> OR (<\$\$C Country EQ United Kingdom> NOT <\$\$C ECOREG\_WWF EQ PA0503>)))

4 T3M. Coniferous plantation of non site-native trees  
 (<Pinus nigra GR 15> AND <#TC Pinus nigra GR #TC Trees EXCEPT #TC Pinus nigra>) AND ((<\$\$C ECOREG\_WWF EQ PA0402> OR <\$\$N DEG\_LAT GR 48.5>) OR (<\$\$N Altitude (m) GR 0> NOT <\$\$N Altitude (m) GR 300>))

4 T3M. Coniferous plantation of non site-native trees  
 (<Cupressus sempervirens GR 15> AND <#TC Cupressus sempervirens GR #TC Trees EXCEPT #TC Cupressus sempervirens>) NOT <\$\$N DEG\_LON GR 20>

5 H21 Boreal and arctic siliceous scree and block field  
 ((<##Q +02 H21-Boreal-and-arctic-siliceous-scree-and-block-field> AND <#01 +10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))) NOT <\$\$C Dataset EQ Swedish Forest National Inventory>

5 H22 Boreal and arctic base-rich scree  
 ((<##Q +02 H22-Boreal-and-arctic-base-rich-scree> AND <#01 +10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))) AND <\$\$N DEG\_LAT GR 58>

5 H23 Temperate high-mountain siliceous scree  
 (<##Q +02 H23-Temperate-high-mountain-siliceous-scree> AND <#01 +10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H24 Temperate high-mountain base-rich scree  
 (<##Q +02 H24-Temperate-high-mountain-base-rich-scree> AND <#01 +10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H25 Temperate, lowland to montane siliceous scree  
(<##Q +02 H25-Temperate-lowland-to-montane-siliceous-scree> AND  
<#01 +10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE  
30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H26a Temperate, lowland to montane base-rich scree  
(<##Q +02 H26a-Temperate-lowland-to-montane-base-rich-scree> AND  
<#01 +10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE  
30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H26b Western Mediterranean base-rich scree  
(<##Q +02 H26b-Western-Mediterranean-base-rich-scree> AND <#01 +10  
H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR  
(<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H26c Eastern Mediterranean base-rich scree  
(<##Q +02 H26c-Eastern-Mediterranean-base-rich-scree> AND <#01 +10  
H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR  
(<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H31a Boreal and arctic siliceous inland cliff  
((<##Q +02 H31a-Boreal-and-arctic-siliceous-inland-cliff> AND <#01  
+10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR  
(<#TC Trees GR 05> OR <#TC Shrubs GR 10>))) NOT (<\$\$N  
DEG\_LAT GR 0> NOT <\$\$N DEG\_LAT GR 57>)

5 H31b Temperate high-mountain siliceous inland cliff  
(<##Q +02 H31b-Temperate-high-mountain-siliceous-inland-cliff> AND  
<#01 +10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE  
30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H31c Temperate, lowland to montane siliceous inland cliff  
(<##Q +02 H31c-Temperate-lowland-to-montane-siliceous-inland-  
cliff> AND <#01 +10 H-Inland-sparsely-vegetated>) NOT  
(<#T\$ GE 30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR  
10>))

5 H31d Mediterranean siliceous inland cliff  
(<##Q +02 H31d-Mediterranean-siliceous-inland-cliff> AND <#01 +10  
H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR  
(<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H32a Boreal and arctic base-rich inland cliff  
((<##Q +02 H32a-Boreal-and-arctic-base-rich-inland-cliff> AND <#01  
+10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR  
(<#TC Trees GR 05> OR <#TC Shrubs GR 10>))) NOT (<\$\$N  
DEG\_LAT GR 0> NOT <\$\$N DEG\_LAT GR 57>)

5 H32b Temperate high-mountain base-rich inland cliff  
 (<##Q +02 H32b-Temperate-high-mountain-base-rich-inland-cliff> AND  
 <#01 +10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE  
 30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H32c Temperate, lowland to montane base-rich inland cliff  
 (<##Q +02 H32c-Temperate-lowland-to-montane-base-rich-inland-  
 cliff> AND <#01 +10 H-Inland-sparsely-vegetated>) NOT  
 (<#T\$ GE 30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR  
 10>))

5 H32d Mediterranean base-rich inland cliff  
 (<##Q +02 H32d-Mediterranean-base-rich-inland-cliff> AND <#01 +10  
 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR  
 (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H32e Boreal ultramafic inland cliff  
 ((<##Q +02 H32ef-Ultramafic-inland-cliff> AND <#01 +10 H-Inland-  
 sparsely-vegetated>) NOT (<#T\$ GE 30> OR (<#TC Trees  
 GR 05> OR <#TC Shrubs GR 10>))) AND (((<\$C Ecoreg\_WWF  
 EQ PA0436> OR <\$C Ecoreg\_WWF EQ PA0520>) OR <\$C  
 Ecoreg\_WWF EQ PA0608>) OR <\$C Ecoreg\_WWF EQ PA0610>)  
 OR <\$C Ecoreg\_WWF EQ PA1110>))

5 H32f Temperate ultramafic inland cliff  
 (<##Q +02 H32ef-Ultramafic-inland-cliff> AND <#01 +10 H-Inland-  
 sparsely-vegetated>) NOT ((<#T\$ GE 30> OR (<#TC Trees  
 GR 05> OR <#TC Shrubs GR 10>)) NOT (((<\$C Ecoreg\_WWF  
 EQ PA0436> OR <\$C Ecoreg\_WWF EQ PA0520>) OR <\$C  
 Ecoreg\_WWF EQ PA0608>) OR <\$C Ecoreg\_WWF EQ PA0610>)  
 OR <\$C Ecoreg\_WWF EQ PA1110>))

5 H32g Mediterranean ultramafic inland cliff  
 (<##Q +02 H32g-Mediterranean-ultramafic-inland-cliff> AND <#01 +10  
 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR  
 (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

5 H33 Macaronesian inland cliff  
 (<##Q +02 H33-Macaronesian-inland-cliff> AND <#01 +10 H-Inland-  
 sparsely-vegetated>) NOT (<#T\$ GE 30> OR (<#TC Trees  
 GR 05> OR <#TC Shrubs GR 10>))

5 H34 Wet inland cliff  
 (<##Q +02 H34-Wet-inland-cliff> AND <#01 +10 H-Inland-sparsely-  
 vegetated>) NOT (<#T\$ GE 30> OR (<#TC Trees GR 05> OR  
 <#TC Shrubs GR 10>))

5 H51b Polar desert  
 ((<##Q +02 H51b-Polar-desert> AND <#01 +10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))) NOT (<\$N DEG\_LAT GR 0> NOT <\$N DEG\_LAT GR 65>)

5 H61 Mediterranean and temperate volcanic field  
 (<##Q +02 H61-Mediterranean-and-temperate-volcanic-field> AND <#01 +10 H-Inland-sparsely-vegetated>) NOT (<#T\$ GE 30> OR (<#TC Trees GR 05> OR <#TC Shrubs GR 10>))

4 I1 Arable land and market gardens  
 <#TC Crops GR 50> OR <#TC Crops GR #T\$>

2 I1! Arable land and market gardens  
 ((<##Q +03 I1-Arable-land-and-market-gardens> AND <#03 +03 I1-Arable-land-and-market-gardens>) AND <#01 Crops>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

4 I14 Inundated or inundatable croplands, including rice fields  
 <Oryza sativa GR 50> OR <#TC Oryza sativa GR #T\$>

2 I14! Inundated or inundatable croplands, including rice fields  
 (<##Q +03 I14-Inundated-or-inundatable-croplands-including-rice-fields> AND <#01 +03 I14-Inundated-or-inundatable-croplands-including-rice-fields>) AND <Oryza sativa GR 00>

4 IE16 Subnitrophilous annual grassland  
 (<#TC +03 IE16-Subnitrophilous-annual-grassland GR 50> AND <#02 +03 IE16-Subnitrophilous-annual-grassland>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 IE16!Subnitrophilous annual grassland  
 <##Q +03 IE16-Subnitrophilous-annual-grassland> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 IE1E Trampled xeric grassland with annuals  
 (<##Q +03 IE1E-Trampled-xeric-grassland-with-annuals> AND <#02 +03 IE1E-Trampled-xeric-grassland-with-annuals>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR 05>)

2 IE28 Trampled mesophilous grassland with annuals

(<##Q +03 IE28-Trampled-mesophilous-grassland-with-annuals> AND  
<#02 +03 IE28-Trampled-mesophilous-grassland-with-  
annuals>) NOT (<#TC Trees GR 05> OR <#TC Shrubs GR  
05>)

2 IE51 Anthropogenic herb stands  
(<##Q +03 IE51-Anthropogenic-herb-stands> AND <#03 +03 IE51-  
Anthropogenic-herb-stands>) NOT (<#TC Trees GR 05> OR  
<#TC Shrubs GR 05>)

1 C1C2 Surface waters  
<##Q +10 C1C2-Surface-waters> NOT (<#TC Trees GR 05> OR <#TC Shrubs  
GR 05>)

1 C3 Littoral zone of inland surface waterbodies  
<##Q +10 C3-Littoral-zone-of-inland-surface-waterbodies> NOT (<#TC  
Trees GR 05> OR <#TC Shrubs GR 15>)

1 D Mires  
<##Q +10 D-Mires> NOT (<#TC Trees GR 15> OR <#TC Shrubs GR 15>))

1 E Grasslands  
<##Q +10 E-Grasslands> NOT (<#TC Trees GR 05> OR <#TC Shrubs GR  
05>)

3 Fa Scrub  
(<#TC Shrubs GR 50> AND <#TC Shrubs GR #TC Trees>) NOT (<#TC Trees  
GR 25> OR <#TC Native-light-canopy-trees GR 15>)

3 Fb Dwarf-shrub vegetation  
((<#TC Dwarf-shrubs GR 50> AND <#TC Dwarf-shrubs GR #TC Shrubs|#TC  
Trees>) AND <#TC Dwarf-shrubs GR \$50>) NOT ((<#TC Bog-  
herbs GR 10> OR <#TC Sphagnum GR 25>) OR (<#TC Trees  
GR 05> OR <#TC Shrubs GR 15>))

3 G Forest  
(<#TC Native-trees GR 25> OR <#TC Native-light-canopy-trees GR 15>)  
NOT <#TC Non-native-trees GR 15>

1 H Inland parsely vegetated  
<##Q +10 H-Inland-sparsely-vegetated> NOT (<#T\$ GE 30> OR (<#TC  
Trees GR 05> OR <#TC Shrubs GR 15>))

SECTION 3: End

SECTION 4: Similarity

SECTION 4: End

**Appendix E: Lists of indicator species of the revised EUNIS grassland habitat types, heathland, scrub and tundra habitat types, and forest habitat types**

## R11 - [E11a] Pannonian and Pontic sandy steppe

### *Diagnostic species (phi coefficient \* 100)*

Koeleria glauca	61.3	Festuca beckeri	58.7
Euphorbia seguieriana	51.5	Helichrysum arenarium	45.1
Bassia laniflora	42.7	Festuca vaginata	40.8
Carex colchica	39.6	Secale sylvestre	38.7
Centaurea arenaria aggr.	38.7	Thymus pallasianus	37.6
Jurinea cyanoides	36.9	Polygonum arenarium	36.6
Astragalus varius	35.7	Artemisia campestris	34.9
Pilosella echioides	34.8	Gypsophila paniculata	32.6
Silene borysthena	32.4	Asperula graveolens	32.4
Jacobaea borysthena	31.5	Achillea micrantha	31.5
Veronica dillenii	31.2	Odontarrhena tortuosa	28.5
Erysimum canum	28.5	Tragopogon ucrainicus	28.3
Syntrichia ruralis	27.9	Minuartia viscosa	27.9
Stipa borysthena	27.6	Poa bulbosa	27.4
Erysimum montanum	25.9	Seseli tortuosum	25.7
Linaria genistifolia	25.3	Tragopogon borystenicus	25.0
Astragalus onobrychis	24.8	Agropyron dasyanthum	24.7
Erysimum diffusum	24.3	Jurinea longifolia	23.6
Dianthus arenarius	23.5	Tragopogon ruthenicus	23.0
Stipa anomala	22.9	Anthemis ruthenica	22.9
Myosotis stricta	22.8	Chondrilla juncea	22.6
Anchusa gmelinii	22.6	Dianthus platyodon	22.3
Dianthus bessarabicus	21.9	Herniaria polygama	21.8
Alyssum minutum	21.3	Lomelosia argentea	20.9
Peucedanum arenarium	20.8	Artemisia arenaria	20.8
Silene otites aggr.	20.4	Cladonia foliacea	20.4
Silene subconica	20.3	Cladonia polycarpoides	20.2
Cerastium semidecandrum	19.3	Silene chlorantha	19.1
Silene conica	19.0	Scorzonera ensifolia	18.9
Plantago arenaria	18.9	Alyssum turkestanicum	18.7
Elymus uralensis	18.3	Carex supina	18.3
Leymus racemosus	18.2	Cladonia rangiformis	18.2
Anisantha tectorum	18.1	Veronica verna	17.8
Ephedra distachya	17.8	Stipa pennata	17.6
Centaurea gerberi	17.5	Alyssum montanum	17.5
Corynephorus canescens	17.4	Bromus squarrosus	17.2
Alyssum hirsutum	17.2	Agropyron tanaiticum	17.2
Allium guttatum	17.1	Dianthus squarrosus	16.7
Centaurea breviceps	16.7	Festuca wagneri	16.5
Dianthus borbassii	16.5	Minuartia glomerata	16.4
Achillea ochroleuca	16.4	Corispermum nitidum	16.1
Sedum urvillei	16.0	Silene densiflora	15.9
Festuca psammophila	15.7	Tragopogon floccosus	15.5
Cytisus borysthenicus	15.5	Tragus racemosus	15.3
Chondrilla graminea	15.3	Cetraria aculeata	15.3
Potentilla cinerea	15.1		

### *Constant species (occurrence frequencies)*

Koeleria glauca	51.0	Artemisia campestris	47.0
Euphorbia seguieriana	45.0	Helichrysum arenarium	38.0

Festuca beckeri	37.0	Poa bulbosa	36.0
Syntrichia ruralis	25.0	Rumex acetosella	25.0
Eryngium campestre	25.0	Chondrilla juncea	21.0
Bassia laniflora	21.0	Veronica dillenii	20.0
Cerastium semidecandrum	20.0	Carex colchica	20.0
Pilosella echioides	19.0	Secale sylvestre	18.0
Polygonum arenarium	18.0	Myosotis stricta	18.0
Festuca vaginata	18.0	Corynephorus canescens	18.0
Centaurea arenaria aggr.	18.0	Astragalus onobrychis	18.0
Silene otites aggr.	16.0	Potentilla cinerea	16.0
Linaria genistifolia	16.0	Jurinea cyanoidea	16.0
Cynodon dactylon	16.0	Thymus serpyllum	15.0
Thymus pallasianus	15.0	Anisantha tectorum	15.0
Gypsophila paniculata	14.0	Galium verum	14.0
Euphorbia cyparissias	14.0	Erysimum diffusum	14.0
Draba verna aggr.	14.0	Cladonia foliacea	14.0
Ceratodon purpureus	14.0	Astragalus varius	14.0
Seseli tortuosum	13.0	Medicago falcata	13.0
Cladonia rangiformis	13.0	Bromus squarrosus	13.0
Veronica verna	12.0	Stachys recta	12.0
Silene borysthenica	12.0	Potentilla argentea	12.0
Cetraria aculeata	12.0	Calamagrostis epigejos	12.0
Bothriochloa ischaemum	12.0	Trifolium arvense	11.0
Stipa pennata	11.0	Stipa capillata	11.0
Polytrichum piliferum	11.0	Odontarrhena tortuosa	11.0
Jacobaea borysthenica	11.0	Asperula graveolens	11.0
Anthemis ruthenica	11.0	Achillea micrantha	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Festuca vaginata	11.0	Festuca beckeri	9.0
Koeleria glauca	8.0		

**R12 - [E11b] Cryptogam- and annual-dominated vegetation on siliceous rock outcrops**

*Diagnostic species (phi coefficient \* 100)*

Polytrichum piliferum	38.3	Scleranthus perennis	33.8
Racomitrium canescens	29.4	Cladonia foliacea	28.1
Syntrichia ruralis	26.0	Draba verna aggr.	22.7
Sedum album	22.5	Sedum rupestre	20.7
Jasione montana	20.3	Sedum acre	19.5
Ceratodon purpureus	19.0	Corynephorus canescens	18.9
Veronica verna	18.5	Veronica dillenii	18.5
Poa bulbosa	17.9	Trifolium arvense	17.6
Rumex acetosella	17.3	Cladonia rangiformis	16.6
Cetraria aculeata	16.5	Cladonia furcata	16.3
Gagea bohemica	16.2	Arenaria serpyllifolia	15.8
Myosotis stricta	15.1	Cerastium pumilum	15.1



Sedum sexangulare	15.0		
<i>Constant species (occurrence frequencies)</i>			
Polytrichum piliferum	45.0	Rumex acetosella	38.0
Pilosella officinarum	34.0	Scleranthus perennis	30.0
Trifolium arvense	24.0	Sedum album	24.0
Sedum acre	24.0	Draba verna aggr.	24.0
Arenaria serpyllifolia	24.0	Poa bulbosa	23.0
Jasione montana	23.0	Ceratodon purpureus	23.0
Syntrichia ruralis	22.0	Racomitrium canescens	21.0
Corynephorus canescens	20.0	Cladonia foliacea	20.0
Sedum rupestre	18.0	Potentilla argentea	18.0
Festuca ovina	18.0	Plantago lanceolata	17.0
Hypnum cupressiforme	17.0	Euphorbia cyparissias	17.0
Artemisia campestris	17.0	Potentilla tabernaemontani	16.0
Agrostis capillaris	16.0	Hypochaeris radicata	15.0
Veronica arvensis	14.0	Cladonia furcata	14.0
Sedum sexangulare	13.0	Hypericum perforatum	13.0
Cetraria aculeata	13.0	Cerastium semidecandrum	13.0
Veronica verna	12.0	Myosotis stricta	12.0
Erodium cicutarium	12.0	Cerastium pumilum	12.0
Achillea millefolium aggr.	12.0	Sanguisorba minor	11.0
Cladonia rangiformis	11.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Polytrichum piliferum	20.0	Sedum album	9.0
Racomitrium canescens	9.0	Syntrichia ruralis	6.0

### **R13 - [E11d] Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops**

<i>Diagnostic species (phi coefficient * 100)</i>			
Saxifraga tridactylites	41.2	Sedum album	38.5
Draba verna aggr.	35.4	Arenaria serpyllifolia	31.1
Sedum acre	30.7	Hornungia petraea	29.9
Clinopodium acinos	28.0	Cerastium pumilum	24.5
Alyssum alyssoides	23.5	Medicago minima	21.7
Minuartia hybrida aggr.	21.0	Cerastium semidecandrum	20.0
Tortella inclinata	19.9	Abietinella abietina	19.2
Sedum sexangulare	18.8	Encalypta streptocarpa	18.4
Holosteum umbellatum	17.9	Poa compressa	17.4
Homalothecium sericeum	17.0	Syntrichia ruralis	16.8
Ditrichum flexicaule	16.7	Teucrium botrys	16.5
Potentilla tabernaemontani	16.5	Cladonia symphylicarpa	16.5
Peltigera rufescens	15.9	Encalypta vulgaris	15.3
Barbula convoluta	15.3	Poa bulbosa	15.2

*Constant species (occurrence frequencies)*

Arenaria serpyllifolia	47.0	Sedum album	42.0
Draba verna aggr.	39.0	Sedum acre	38.0
Clinopodium acinos	30.0	Saxifraga tridactylites	28.0
Potentilla tabernaemontani	21.0	Medicago minima	21.0
Poa bulbosa	20.0	Cerastium semidecandrum	20.0
Cerastium pumilum	20.0	Sanguisorba minor	19.0
Poa compressa	19.0	Alyssum alyssoides	19.0
Veronica arvensis	17.0	Euphorbia cyparissias	17.0
Abietinella abietina	17.0	Sedum sexangulare	16.0
Hornungia petraea	16.0	Artemisia campestris	16.0
Tortella tortuosa	15.0	Festuca ovina	15.0
Syntrichia ruralis	14.0	Plantago lanceolata	13.0
Hypnum cupressiforme	13.0	Erodium cicutarium	13.0
Echium vulgare	13.0	Teucrium chamaedrys	11.0
Minuartia hybrida aggr.	11.0	Medicago lupulina	11.0
Holosteum umbellatum	11.0	Ceratodon purpureus	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Sedum album	12.0
-------------	------

**R14 - [E11e] Perennial rocky grassland of the Italian Peninsula**

*Diagnostic species (phi coefficient \* 100)*

Festuca circummediterranea	62.2	Koeleria lobata	61.9
Thymus longicaulis	59.6	Phleum ambiguum	57.9
Armeria canescens	51.1	Eryngium amethystinum	47.2
Erysimum pseudorhaeticum	43.6	Crepis lacera	40.6
Festuca inops	39.2	Galium lucidum	38.4
Brachypodium genuense	38.0	Helictochloa versicolor	37.7
Bromopsis erecta	36.8	Petrorhagia saxifraga	36.4
Festuca robustifolia	35.9	Muscari neglectum	35.7
Potentilla rigoana	35.4	Centaurea ambigua	35.2
Valeriana tuberosa	35.1	Dianthus sylvestris	35.1
Knautia purpurea	35.0	Asperula purpurea	34.6
Sedum rupestre	31.1	Helichrysum italicum	31.1
Cytisus spinescens	31.1	Globularia meridionalis	30.6
Artemisia alba	29.3	Cyanus triumfettii	29.1
Anthyllis vulneraria	28.4	Galium corrudifolium	28.3
Allium sphaerocephalon	27.3	Clinopodium alpinum	27.0
Cerastium arvense	26.2	Anthemis cretica	26.1
Inula montana	26.0	Astracantha parnassi subsp. calabricus	25.4
Centaurea alba aggr.	25.0	Minuartia verna	24.7
Bupleurum baldense	24.4	Festuca stricta subsp. stricta	24.1
Trinia dalechampii	23.8	Plantago holosteum	23.8
Cerastium tomentosum	23.8	Carex macrolepis	23.8
Armeria brutia	23.7	Sedum amplexicaule	23.6

Bunium alpinum	23.1	Asperula aristata	22.7
Hypericum barbatum	21.7	Centaurea rupestris aggr.	21.4
Bunium bulbocastanum	21.4	Scorzoneroides cichoriacea	21.1
Sideritis syriaca	20.7	Ranunculus pollinensis	20.5
Trinia glauca	20.1	Satureja montana	20.1
Potentilla hirta	20.1	Polygala flavescens	19.9
Centaurea sarfattiana	19.8	Silene otites aggr.	19.6
Cerastium ligusticum	19.5	Viola eugeniae	19.4
Carlina nebrodensis	19.4	Silene italica	19.3
Festuca laevigata	19.3	Plantago maritima subsp. serpentina	19.2
Thesium humifusum	19.1	Micromeria graeca	18.8
Silene ciliata	18.6	Thymus striatus	18.4
Crupina vulgaris	18.4	Aethionema saxatile	18.2
Helianthemum canum	18.1	Sedum sexangulare	18.0
Sesleria nitida	17.9	Sanguisorba minor	17.5
Allium tenuiflorum	17.5	Viola pseudogracilis	17.2
Stipa dasyvaginata	17.1	Rumex nebroides	17.1
Ornithogalum comosum	17.1	Leontodon crispus	17.0
Helianthemum nummularium	17.0	Noccaea praecox	16.9
Hippocrepis comosa	16.9	Seseli montanum	16.8
Pimpinella tragium	16.6	Helianthemum apenninum	16.6
Globularia bisnagarica	16.6	Senecio doronicum	16.5
Odontarrhena bertolonii	16.5	Centaurea apolepa	16.3
Arabis collina	16.3	Veronica orsiniana	16.2
Genista januensis	16.2	Pilosella officinarum	16.0
Cephalaria leucantha	15.9	Sesleria juncifolia	15.8
Minuartia laricifolia subsp. ophiolitica	15.8	Armeria denticulata	15.8
Tolpis virgata	15.7	Reichardia picroides	15.5
Linum bienne	15.5	Teucrium chamaedrys	15.3
Lomelosia crenata	15.3	Erysimum majellense	15.3
Koeleria splendens	15.2	Centaurea delucae	15.2
Splendens subsp. brutia	15.1		
<i>Constant species (occurrence frequencies)</i>			
Bromopsis erecta	68.0	Thymus longicaulis	54.0
Festuca circummediterranea	49.0	Anthyllis vulneraria	49.0
Koeleria lobata	47.0	Phleum ambiguum	40.0
Sanguisorba minor	39.0	Pilosella officinarum	38.0
Galium lucidum	38.0	Eryngium amethystinum	33.0
Teucrium chamaedrys	32.0	Cerastium arvense	32.0
Armeria canescens	32.0	Helianthemum nummularium	30.0
Sedum rupestre	29.0	Petrorhagia saxifraga	29.0
Helictochloa versicolor	29.0	Lotus corniculatus	28.0
Dianthus sylvestris	27.0	Muscari neglectum	25.0
Helichrysum italicum	25.0	Clinopodium alpinum	25.0
Plantago lanceolata	24.0	Hippocrepis comosa	23.0
Asperula purpurea	23.0	Erysimum pseudorhaeticum	22.0
Allium sphaerocephalon	21.0	Galium corrudifolium	20.0

Knautia purpurea	19.0	Festuca inops	19.0
Brachypodium genuense	19.0	Poa bulbosa	18.0
Minuartia verna	18.0	Crepis lacera	18.0
Asperula cynanchica	18.0	Anthoxanthum odoratum aggr.	18.0
Valeriana tuberosa	17.0	Poa alpina	17.0
Cyanus triumfettii	17.0	Sedum sexangulare	16.0
Dactylis glomerata	16.0	Artemisia alba	16.0
Silene otites aggr.	15.0	Satureja montana	15.0
Potentilla rigoana	15.0	Festuca robustifolia	15.0
Teucrium montanum	14.0	Silene italica	14.0
Seseli montanum	14.0	Inula montana	14.0
Hypericum perforatum	14.0	Helianthemum canum	14.0
Globularia bisnagarica	14.0	Centaurea ambigua	14.0
Carex caryophylllea	14.0	Brachypodium rupestre	14.0
Asperula aristata	14.0	Trifolium campestre	13.0
Stachys recta	13.0	Cytisus spinescens	13.0
Bupleurum baldense	13.0	Trinia glauca	12.0
Plantago maritima subsp. serpentina	12.0	Plantago holosteum	12.0
Leontodon crispus	12.0	Globularia meridionalis	12.0
Anthemis cretica	12.0	Achillea millefolium aggr.	12.0
Reichardia picroides	11.0	Leontodon hispidus	11.0
Helianthemum apenninum	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Bromopsis erecta	20.0	Brachypodium genuense	9.0
Festuca circummediterranea	8.0		

#### **R15 - [E11f] Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**

*Diagnostic species (phi coefficient \* 100)*

Pimpinella tragium	89.7	Thymus calcareus	84.0
Asperula tephrocarpa	79.1	Cephalaria uralensis	70.8
Hyssopus officinalis	64.9	Euphorbia petrophila	64.2
Gypsophila oligosperma	62.5	Matthiola fragrans	58.2
Astragalus albicaulis	58.2	Artemisia salsoloides	58.2
Jurinea stoechadifolia	57.7	Artemisia hololeuca	55.9
Linum ucranicum	53.4	Bromopsis riparia	51.0
Gypsophila altissima	50.3	Thesium ramosum	50.0
Linum pallasianum	48.2	Salvia nutans	47.4
Erysimum diffusum	46.7	Scrophularia cretacea	45.7
Onosma simplicissima	45.7	Brassica elongata subsp. pinnatifida	45.6
Teucrium polium aggr.	45.4	Odontites luteus	44.9
Euphorbia seguieriana	43.2	Stipa lessingiana	42.6
Koeleria talievii	42.6	Potentilla humifusa	41.0
Polygala cretacea	39.4	Psephellus carbonatus	39.1
Convolvulus lineatus	37.6	Astragalus subuliformis	37.4
Linum tenuifolium	36.8	Artemisia nutans	36.1

Hyacinthella pallasiana	35.9	Genista scythica	35.8
Stipa capillata	35.4	Reseda lutea	33.8
Linum austriacum	33.4	Agropyron cristatum	32.6
Linaria cretacea	32.2	Festuca cretacea	32.1
Potentilla astracanica	31.9	Jurinea arachnoidea	31.8
Hedysarum grandiflorum	31.4	Dianthus pseudarmeria	31.2
Helichrysum arenarium	30.8	Psephellus marschallianus	30.0
Helianthemum cretophilum	28.0	Silene cretacea	27.9
Elytrigia stipifolia	27.9	Allium ascalonicum	27.8
Scabiosa ochroleuca	27.7	Vincetoxicum fuscatum	27.0
Odontarrhena tortuosa	26.2	Cleistogenes serotina	26.2
Thalictrum minus	25.6	Silene supina	25.6
Meniocus linifolius	24.9	Iris pumila	24.4
Galatella villosa	23.5	Tanacetum millefolium	23.3
Euphorbia nicaeensis	23.0	Cytisus ruthenicus	23.0
Onosma polyphylla	22.7	Centaurea lavrenkoana	22.7
Asperula cretacea	22.5	Linum hirsutum	21.6
Hypericum elegans	21.6	Marrubium peregrinum	21.5
Centaurea orientalis	21.5	Gypsophila glomerata	21.1
Poa sterilis	21.0	Campanula sibirica	20.7
Veronica multifida	20.5	Potentilla recta	20.0
Euphrasia hirtella	20.0	Centaurea pseudomaculosa	19.9
Taraxacum serotinum	19.8	Phlomis herba-venti	19.2
Plantago maritima	18.7	Festuca valesiaca	18.7
Arenaria procera	18.7	Silene densiflora	18.5
Verbascum marschallianum	18.2	Astragalus onobrychis	18.2
Stipa zalesskii	18.0	Securigera varia	18.0
Allium flavum	17.9	Artemisia austriaca	17.8
Artemisia lerchiana	17.3	Scutellaria alpina	17.0
Holosteum umbellatum	16.8	Achillea stepposa	16.3
Limonium alutaceum	16.1	Lepidium meyeri	16.1
Helianthemum creticola	16.1	Diplotaxis cretacea	16.1
Helianthemum rupifragum	16.0	Hedysarum cretaceum	16.0
Centaurea besseriana	16.0	Polycnemum arvense	15.6
Atraphaxis frutescens	15.6	Alyssum calycocarpum	15.6
Genista tinctoria	15.4	Arenaria leptoclados	15.4
Viola ambigua	15.3	Astragalus sulcatus	15.3
Gagea bulbifera	15.2	Silene syreistschikowii	15.1
Gagea pusilla	15.1	Bupleurum falcatum	15.0
<i>Constant species (occurrence frequencies)</i>			
Pimpinella tragium	89.0	Thymus calcareus	71.0
Asperula tephrocarpa	63.0	Teucrium polium aggr.	55.0
Cephalaria uralensis	55.0	Hyssopus officinalis	45.0
Euphorbia petrophila	42.0	Gypsophila oligosperma	39.0
Odontites luteus	37.0	Euphorbia seguieriana	37.0
Matthiola fragrans	34.0	Jurinea stoechadifolia	34.0
Erysimum diffusum	34.0	Bromopsis riparia	34.0

Astragalus albicaulis	34.0	Artemisia salsoloides	34.0
Thesium ramosum	32.0	Stipa capillata	32.0
Artemisia hololeuca	32.0	Salvia nutans	29.0
Linum ucranicum	29.0	Linum tenuifolium	29.0
Gypsophila altissima	29.0	Scabiosa ochroleuca	26.0
Reseda lutea	26.0	Festuca valesiaca	26.0
Thalictrum minus	24.0	Stipa lessingiana	24.0
Securigera varia	24.0	Onosma simplicissima	24.0
Linum pallasianum	24.0	Helichrysum arenarium	24.0
Scrophularia cretacea	21.0	Potentilla humifusa	21.0
Brassica elongata subsp. pinnatifida	21.0	Poa bulbosa	18.0
Plantago maritima	18.0	Medicago falcata	18.0
Linum austriacum	18.0	Koeleria talievii	18.0
Genista tinctoria	18.0	Convolvulus lineatus	18.0
Agropyron cristatum	18.0	Psephellus carbonatus	16.0
Polygala cretacea	16.0	Koeleria pyramidata	16.0
Euphorbia nicaeensis	16.0	Astragalus subuliformis	16.0
Veronica spicata	13.0	Potentilla recta	13.0
Potentilla astracanica	13.0	Jurinea arachnoidea	13.0
Hyacinthella pallasiana	13.0	Genista scythica	13.0
Cleistogenes serotina	13.0	Campanula sibirica	13.0
Bupleurum falcatum	13.0	Astragalus onobrychis	13.0
Artemisia nutans	13.0	Vincetoxicum hirundinaria	11.0
Stachys recta	11.0	Psephellus marschallianus	11.0
Odontarrhena tortuosa	11.0	Marrubium peregrinum	11.0
Linaria cretacea	11.0	Iris pumila	11.0
Holosteum umbellatum	11.0	Hedysarum grandiflorum	11.0
Galatella villosa	11.0	Festuca cretacea	11.0
Dianthus pseudarmeria	11.0	Cytisus ruthenicus	11.0
Asperula cynanchica	11.0	Artemisia campestris	11.0
Artemisia austriaca	11.0	Arenaria leptoclados	11.0
Allium flavum	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Thymus calcareus	21.0
------------------	------

#### **R16 - [E11g] Perennial rocky grassland of Central and South-Eastern Europe**

*Diagnostic species (phi coefficient \* 100)*

Potentilla cinerea	36.8	Festuca pallens	34.9
Teucrium montanum	30.0	Seseli osseum	29.9
Carex humilis	29.5	Stachys recta	29.1
Melica ciliata	26.9	Euphorbia cyparissias	26.9
Allium lusitanicum	26.1	Jovibarba globifera	25.8
Anthericum ramosum	25.1	Asperula cynanchica	24.5
Sedum album	23.7	Allium flavum	22.2
Teucrium chamaedrys	21.7	Vincetoxicum hirundinaria	20.6

Inula ensifolia	20.6	Thymus comosus	20.0
Clinopodium acinos	19.4	Helianthemum nummularium	19.2
Campanula sibirica	18.8	Galium glaucum	18.7
Scabiosa ochroleuca	18.1	Alyssum montanum	18.0
Leontodon incanus	17.5	Thymus praecox	15.9
Poa badensis	15.5	Minuartia setacea	15.4
Erysimum odoratum	15.2		

*Constant species (occurrence frequencies)*

Euphorbia cyparissias	58.0	Teucrium chamaedrys	44.0
Potentilla cinerea	40.0	Carex humilis	39.0
Asperula cynanchica	35.0	Stachys recta	34.0
Helianthemum nummularium	33.0	Festuca pallens	33.0
Teucrium montanum	32.0	Vincetoxicum hirundinaria	30.0
Sanguisorba minor	27.0	Sedum album	25.0
Anthericum ramosum	25.0	Melica ciliata	24.0
Thymus praecox	22.0	Anthyllis vulneraria	22.0
Clinopodium acinos	20.0	Artemisia campestris	18.0
Sesleria caerulea	17.0	Seseli osseum	16.0
Scabiosa ochroleuca	16.0	Hypericum perforatum	16.0
Allium lusitanicum	16.0	Pilosella officinarum	15.0
Koeleria macrantha	15.0	Sedum acre	14.0
Jovibarba globifera	13.0	Echium vulgare	13.0
Centaurea stoebe	13.0	Bothriochloa ischaemum	13.0
Arenaria serpyllifolia	13.0	Salvia pratensis	12.0
Hippocrepis comosa	12.0	Galium mollugo aggr.	12.0
Dianthus carthusianorum	12.0	Asplenium ruta-muraria	12.0
Allium flavum	12.0	Medicago falcata	11.0
Galium glaucum	11.0	Campanula sibirica	11.0
Campanula rotundifolia	11.0	Achillea millefolium aggr.	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Carex humilis	13.0	Festuca pallens	7.0
---------------	------	-----------------	-----

**R17 - [E11h] Heavy-metal dry grassland of the Balkans**

*Diagnostic species (phi coefficient \* 100)*

Odontarrhena markgrafii	71.5	Plantago holosteum	65.9
Euphorbia glabriflora	65.7	Bromopsis riparia	61.9
Stachys scardica	58.3	Minuartia verna	55.0
Stachys recta subsp. baldaccii	54.1	Halacsya sendtneri	45.7
Leontodon crispus	43.6	Linum tauricum	41.6
Pontechium maculatum	40.7	Scleranthus perennis	39.5
Artemisia alba	37.9	Poa molinerii	37.8
Sedum hispanicum	36.9	Plantago subulata	36.9
Dorycnium pentaphyllum	36.5	Astragalus onobrychis	36.4
Hypericum barbatum	36.0	Erysimum diffusum	35.7

Odontarrhena muralis	35.5	Aethionema saxatile	35.2
Silene bupleuroides	34.5	Koeleria splendens	34.3
Thymus longicaulis	34.0	Thesium ramosum	33.7
Medicago prostrata	33.7	Poa badensis	33.5
Centaurea alba aggr.	32.8	Ornithogalum collinum	32.3
Fumana bonapartei	32.2	Alyssum montanum	31.6
Iris reichenbachii	30.6	Armeria rumelica	30.3
Festuca panciciana	29.9	Trinia glauca	29.8
Sesleria latifolia	29.7	Potentilla heptaphylla	29.1
Centaurea kosaninii	28.9	Scabiosa fumaroides	28.8
Potentilla visianii	28.8	Euphorbia barrelieri	28.8
Dianthus pinifolius	28.5	Sedum urvillei	28.4
Teucrium montanum	28.2	Linum perenne	28.2
Potentilla astracanica	28.0	Goniolimon collinum	27.7
Asyneuma limonifolium	27.3	Asperula purpurea	26.8
Allium flavum	26.8	Phleum montanum	25.8
Danthonia alpina	25.5	Galium lucidum	25.4
Sedum album	25.3	Stipa novakii	25.0
Cytisus decumbens	24.9	Stipa pulcherrima	24.6
Scorzonera austriaca	24.0	Sedum ochroleucum	23.9
Onobrychis alba	23.7	Potentilla pedata	23.2
Convolvulus cantabrica	23.1	Cerastium decalvans	23.0
Galatella linosyris	22.9	Paragymnopteris marantae	22.5
Centaurea stoebe	22.5	Silene paradoxa	22.4
Achillea coarctata	22.4	Minuartia hamata	22.0
Jovibarba heuffelii	21.8	Hypericum rumeliacum	21.7
Silene armeria	21.6	Rorippa pyrenaica	21.6
Carex kitaibeliana	21.6	Thymus roegneri	21.4
Jurinea mollis	21.3	Sanguisorba minor	21.1
Onosma echioides	20.9	Saponaria intermedia	20.5
Paronychia kapela	20.4	Anthemis cretica	20.4
Stipa mayeri	20.3	Silene bupleuroides subsp. staticifolia	19.9
Dianthus carthusianorum	19.8	Orobanche gracilis	19.6
Thymus praecox	19.5	Noccaea praecox	19.4
Pilosella cymosa	19.2	Cyanus napulifer	19.1
Polygala major	18.9	Festuca koritnicensis	18.9
Euphrasia pectinata	18.9	Plantago argentea	18.5
Convolvulus boissieri	18.5	Pilosella bauhini	18.3
Tragopogon pterodes	18.2	Trifolium trichopterum	18.1
Satureja pilosa	17.9	Genista sagittalis	17.4
Inula aschersoniana	17.3	Melica ciliata	16.7
Clinopodium graveolens	16.6	Sempervivum marmoreum	16.3
Koeleria nitidula	16.3	Traunsteinera globosa	16.2
Scabiosa columbaria	16.0	Carex humilis	15.7
Dianthus sylvestris	15.6	Rumex acetosella	15.3
Ionopsidium abulense	15.3		

*Constant species (occurrence frequencies)*



Plantago holosteam	53.0	Odontarrhena markgrafii	53.0
Minuartia verna	51.0	Dorycnium pentaphyllum	49.0
Sanguisorba minor	47.0	Bromopsis riparia	47.0
Euphorbia glabriflora	45.0	Stachys scardica	38.0
Scleranthus perennis	38.0	Leontodon crispus	38.0
Rumex acetosella	34.0	Teucrium montanum	32.0
Stachys recta subsp. baldaccii	30.0	Astragalus onobrychis	30.0
Thymus praecox	28.0	Sedum album	28.0
Thymus longicaulis	26.0	Plantago subulata	23.0
Galium lucidum	23.0	Erysimum diffusum	23.0
Artemisia alba	23.0	Sedum hispanicum	21.0
Scabiosa columbaria	21.0	Potentilla heptaphylla	21.0
Halacsya sendtneri	21.0	Dianthus carthusianorum	21.0
Centaurea stoebe	21.0	Carex humilis	21.0
Carex caryophyllea	21.0	Anthyllis vulneraria	21.0
Trinia glauca	19.0	Pontechium maculatum	19.0
Lotus corniculatus	19.0	Linum tauricum	19.0
Koeleria splendens	19.0	Hypericum perforatum	19.0
Alyssum montanum	19.0	Aethionema saxatile	19.0
Thesium ramosum	17.0	Poa molinerii	17.0
Poa bulbosa	17.0	Poa badensis	17.0
Odontarrhena muralis	17.0	Hypericum barbatum	17.0
Hippocrepis comosa	17.0	Convolvulus cantabrica	17.0
Asperula purpurea	17.0	Allium flavum	17.0
Silene bupleuroides	15.0	Pilosella bauhini	15.0
Ornithogalum collinum	15.0	Melica ciliata	15.0
Medicago prostrata	15.0	Genista tinctoria	15.0
Genista sagittalis	15.0	Euphorbia cyparissias	15.0
Danthonia alpina	15.0	Centaurea alba aggr.	15.0
Veronica austriaca	13.0	Trifolium alpestre	13.0
Stipa pulcherrima	13.0	Stachys recta	13.0
Silene vulgaris	13.0	Sedum urvillei	13.0
Sedum ochroleucum	13.0	Potentilla argentea	13.0
Galatella linosyris	13.0	Festuca ovina	13.0
Bothriochloa ischaemum	13.0	Asperula cynanchica	13.0
Armeria rumelica	13.0	Vincetoxicum hirundinaria	11.0
Thymus roegneri	11.0	Sesleria latifolia	11.0
Scorzonera austriaca	11.0	Potentilla pedata	11.0
Potentilla cinerea	11.0	Potentilla astracanica	11.0
Phleum montanum	11.0	Linum perenne	11.0
Iris reichenbachii	11.0	Chrysopogon gryllus	11.0
Hypericum rumeliacum	11.0	Galium verum	11.0
Fumana bonapartei	11.0	Filipendula vulgaris	11.0
Festuca valesiaca	11.0	Festuca panciciana	11.0
Euphorbia barrelieri	11.0	Eryngium campestre	11.0
Dianthus sylvestris	11.0	Dianthus pinifolius	11.0
Cerastium arvense	11.0	Brachypodium pinnatum	11.0
Asyneuma limonifolium	11.0	Anthoxanthum odoratum aggr.	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Plantago holostium	11.0	Euphorbia glabriflora	9.0
Poa alpina	6.0		

**R18 - [E11i] Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**

*Diagnostic species (phi coefficient \* 100)*

Koeleria vallesiana	54.1	Coronilla minima	40.6
Fumana procumbens	37.1	Helianthemum apenninum	35.8
Seseli montanum	34.3	Globularia bisnagarica	33.5
Potentilla tabernaemontani	32.0	Linum suffruticosum aggr.	30.3
Helianthemum canum	29.9	Inula montana	29.7
Teucrium montanum	29.2	Anthyllis montana	27.7
Carex humilis	27.0	Ononis striata	26.8
Thymus vulgaris	26.4	Helianthemum italicum	25.7
Trinia glauca	24.6	Bromopsis erecta	24.2
Aphyllanthes monspeliensis	24.2	Teucrium chamaedrys	23.7
Hippocrepis comosa	23.3	Asperula cynanchica	23.3
Ononis pusilla	23.1	Argyrolobium zanonii	23.0
Thesium divaricatum	22.7	Carex halleriana	22.4
Sesleria coerulans	22.2	Globularia repens	21.9
Helictochloa bromoides	21.1	Lavandula angustifolia	20.6
Lavandula latifolia	20.3	Galium corrudifolium	19.9
Helichrysum stoechas	18.9	Carthamus mitissimus	18.5
Thymus serpyllum	18.4	Fumana ericifolia	18.2
Allium sphaerocephalon	18.2	Astragalus monspessulanus	17.9
Carthamus carduncellus	17.8	Genista scorpius	17.5
Sedum sediforme	17.4	Anthyllis vulneraria	17.3
Coris monspeliensis	17.1	Crepis albida	16.6
Linum tenuifolium	16.5	Dianthus sylvestris	16.4
Eryngium campestre	16.1	Onobrychis supina	15.8
Festuca glauca	15.8	Arenaria aggregata	15.4
Rhaponticum coniferum	15.3	Teucrium polium aggr.	15.1

*Constant species (occurrence frequencies)*

Koeleria vallesiana	57.0	Teucrium chamaedrys	48.0
Bromopsis erecta	43.0	Potentilla tabernaemontani	41.0
Coronilla minima	37.0	Carex humilis	36.0
Asperula cynanchica	34.0	Thymus vulgaris	31.0
Teucrium montanum	31.0	Hippocrepis comosa	31.0
Fumana procumbens	31.0	Pilosella officinarum	29.0
Globularia bisnagarica	29.0	Eryngium campestre	29.0
Anthyllis vulneraria	29.0	Seseli montanum	28.0
Sanguisorba minor	25.0	Helianthemum apenninum	25.0
Helianthemum canum	24.0	Carex halleriana	24.0
Thymus serpyllum	23.0	Festuca ovina	22.0

Aphyllanthes monspeliensis	22.0	Linum suffruticosum aggr.	21.0
Scabiosa columbaria	19.0	Helianthemum nummularium	19.0
Sesleria coerulans	18.0	Teucrium polium aggr.	16.0
Helictochloa pratensis	16.0	Lavandula angustifolia	15.0
Inula montana	15.0	Helichrysum stoechas	15.0
Helianthemum italicum	15.0	Genista scorpius	15.0
Dorycnium pentaphyllum	15.0	Argyrobium zanonii	15.0
Anthyllis montana	15.0	Trinia glauca	14.0
Thymus praecox	14.0	Stachys recta	14.0
Sedum sediforme	14.0	Lavandula latifolia	14.0
Helictochloa bromoides	14.0	Ononis pusilla	13.0
Lotus corniculatus	13.0	Galium corrudifolium	13.0
Euphorbia cyparissias	13.0	Campanula rotundifolia	12.0
Astragalus monspessulanus	12.0	Allium sphaerocephalon	12.0
Thesium divaricatum	11.0	Sedum album	11.0
Ononis striata	11.0	Linum tenuifolium	11.0
Genista pilosa	11.0	Festuca pallens	11.0
Dianthus sylvestris	11.0	Brachypodium pinnatum	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Bromopsis erecta	9.0	Sesleria coerulans	6.0
Carex humilis	6.0		

**R19 - [E11j] Dry steppic submediterranean pasture of the Amphi-Adriatic region**

*Diagnostic species (phi coefficient \* 100)*

Satureja montana	46.2	Koeleria splendens	40.8
Plantago holostium	40.5	Dianthus sylvestris	39.4
Eryngium amethystinum	38.7	Fumana procumbens	36.3
Teucrium montanum	36.1	Galium corrudifolium	33.1
Bromopsis erecta	32.3	Centaurea rupestris aggr.	31.6
Helichrysum italicum	28.9	Sesleria juncifolia	27.6
Medicago prostrata	27.3	Koeleria lobata	26.4
Thymus longicaulis	25.7	Euphorbia spinosa	24.7
Galium lucidum	24.3	Convolvulus cantabrica	23.8
Anthyllis vulneraria	23.6	Sanguisorba minor	23.2
Globularia cordifolia	22.7	Bupleurum baldense	22.7
Leontodon crispus	22.4	Genista sylvestris	22.4
Scorzonera villosa	22.2	Cytisus spinescens	21.6
Polygala nicaeensis aggr.	20.8	Carex humilis	20.8
Scorzonera austriaca	20.7	Festuca valesiaca	20.7
Asperula aristata	20.7	Teucrium polium aggr.	20.5
Genista sericea	20.3	Poa molinerii	20.2
Minuartia verna	20.0	Thesium humifusum	19.6
Potentilla pusilla	19.6	Petrorragia saxifraga	19.5
Linum tenuifolium	19.3	Marrubium incanum	19.1
Helianthemum canum	18.9	Festuca circummediterranea	18.9

Euphorbia myrsinites	18.4	Asperula purpurea	18.4
Aethionema saxatile	18.4	Sedum rupestre	18.2
Stipa austroitalica	18.1	Phleum ambiguum	18.1
Leontodon apulus	17.8	Globularia bisnagarica	17.7
Artemisia alba	17.7	Thymus striatus	17.6
Inula verbascifolia	17.4	Festuca illyrica	17.4
Onosma echioides	17.2	Thesium divaricatum	17.1
Centaurea alba aggr.	17.1	Stipa eriocaulis	17.0
Sempervivum tectorum	16.8	Salvia officinalis	16.6
Centaurea spinosociliata	16.6	Sideritis syriaca	16.0
Reichardia picroides	16.0	Sedum sexangulare	15.9
Festuca stricta subsp. stricta	15.9	Edraianthus tenuifolius	15.9
Allium sphaerocephalon	15.6	Cephalaria leucantha	15.2
Pulsatilla montana	15.1	Festuca inops	15.1
Carlina corymbosa	15.1		
<i>Constant species (occurrence frequencies)</i>			
Bromopsis erecta	59.0	Sanguisorba minor	51.0
Teucrium montanum	41.0	Satureja montana	40.0
Anthyllis vulneraria	40.0	Fumana procumbens	33.0
Dianthus sylvestris	31.0	Festuca valesiaca	29.0
Carex humilis	28.0	Teucrium chamaedrys	27.0
Plantago holosteam	24.0	Koeleria splendens	24.0
Galium corrudifolium	24.0	Eryngium amethystinum	24.0
Teucrium polium aggr.	22.0	Helichrysum italicum	22.0
Helianthemum nummularium	22.0	Galium lucidum	22.0
Thymus longicaulis	18.0	Lotus corniculatus	18.0
Leontodon crispus	17.0	Convolvulus cantabrica	17.0
Sedum rupestre	16.0	Globularia cordifolia	16.0
Stachys recta	15.0	Pilosella officinarum	15.0
Helianthemum canum	15.0	Globularia bisnagarica	15.0
Sedum sexangulare	14.0	Petrorhagia saxifraga	14.0
Minuartia verna	14.0	Euphorbia cyparissias	14.0
Dorycnium pentaphyllum	14.0	Linum tenuifolium	13.0
Koeleria lobata	13.0	Hypericum perforatum	13.0
Hippocrepis comosa	13.0	Carex caryophyllea	13.0
Asperula cynanchica	13.0	Plantago lanceolata	12.0
Chrysopogon gryllus	12.0	Euphorbia spinosa	12.0
Eryngium campestre	12.0	Centaurea rupestris aggr.	12.0
Bupleurum baldense	12.0	Asperula aristata	12.0
Sesleria juncifolia	11.0	Reichardia picroides	11.0
Dactylis glomerata	11.0	Carlina corymbosa	11.0
Asperula purpurea	11.0	Allium sphaerocephalon	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Bromopsis erecta	16.0	Satureja montana	12.0
Carex humilis	9.0	Sesleria juncifolia	7.0
Festuca valesiaca	7.0		

**R1A - [E12a] Semi-dry perennial calcareous grassland (meadow steppe)**

*Diagnostic species (phi coefficient \* 100)*

Sanguisorba minor	25.3	Koeleria pyramidata	22.4
Cirsium acaulon	22.0	Plantago media	21.6
Bromopsis erecta	21.5	Linum catharticum	20.8
Trifolium montanum	20.5	Pimpinella saxifraga	20.2
Centaurea scabiosa	20.2	Scabiosa columbaria	20.1
Carex caryophylla	20.1	Brachypodium pinnatum	20.1
Galium verum	19.5	Salvia pratensis	19.1
Asperula cynanchica	19.1	Helianthemum nummularium	18.7
Thymus pulegioides	18.1	Euphorbia cyparissias	18.1
Hippocrepis comosa	18.0	Festuca stricta subsp. sulcata	17.9
Briza media	17.9	Lotus corniculatus	17.4
Ononis spinosa	16.6	Carlina vulgaris	16.6
Helictichloa pratensis	16.1	Anthyllis vulneraria	15.2

*Constant species (occurrence frequencies)*

Lotus corniculatus	49.0	Sanguisorba minor	47.0
Achillea millefolium aggr.	42.0	Galium verum	41.0
Plantago lanceolata	40.0	Briza media	40.0
Brachypodium pinnatum	38.0	Euphorbia cyparissias	36.0
Plantago media	34.0	Pimpinella saxifraga	34.0
Bromopsis erecta	33.0	Pilosella officinarum	32.0
Poa pratensis aggr.	31.0	Dactylis glomerata	31.0
Linum catharticum	30.0	Helianthemum nummularium	28.0
Carex flacca	28.0	Leontodon hispidus	26.0
Carex caryophylla	26.0	Thymus pulegioides	25.0
Hypericum perforatum	25.0	Festuca ovina	25.0
Teucrium chamaedrys	23.0	Asperula cynanchica	23.0
Anthyllis vulneraria	23.0	Leucanthemum vulgare aggr.	22.0
Centaurea scabiosa	22.0	Trifolium pratense	21.0
Trifolium montanum	21.0	Scabiosa columbaria	21.0
Knautia arvensis	21.0	Eryngium campestre	21.0
Salvia pratensis	20.0	Hippocrepis comosa	20.0
Ranunculus bulbosus	19.0	Ononis spinosa	19.0
Medicago lupulina	19.0	Koeleria pyramidata	19.0
Galium mollugo aggr.	19.0	Centaurea jacea	19.0
Festuca rubra	18.0	Cirsium acaulon	18.0
Anthoxanthum odoratum aggr.	18.0	Daucus carota	17.0
Agrostis capillaris	17.0	Medicago falcata	16.0
Filipendula vulgaris	16.0	Festuca stricta subsp. sulcata	16.0
Carlina vulgaris	16.0	Campanula rotundifolia	16.0
Agrimonia eupatoria	16.0	Viola hirta	15.0
Securigera varia	15.0	Potentilla tabernaemontani	15.0
Arrhenatherum elatius	15.0	Primula veris	14.0

Helictochloa pratensis	14.0	Fragaria viridis	14.0
Thymus praecox	13.0	Carlina acaulis	13.0
Origanum vulgare	12.0	Koeleria macrantha	12.0
Dianthus carthusianorum	12.0	Stachys officinalis	11.0
Prunella vulgaris	11.0	Polygala vulgaris	11.0
Luzula campestris	11.0	Galium pumilum	11.0
Festuca valesiaca	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Bromopsis erecta	15.0	Brachypodium pinnatum	13.0
------------------	------	-----------------------	------

### **R1B - [E12b] Continental dry grassland (true steppe)**

*Diagnostic species (phi coefficient \* 100)*

Festuca valesiaca	52.5	Stipa capillata	48.8
Bothriochloa ischaemum	35.8	Medicago falcata	32.6
Artemisia austriaca	32.6	Salvia nemorosa	31.9
Potentilla cinerea	31.8	Galatella villosa	30.2
Eryngium campestre	29.3	Koeleria macrantha	27.6
Galium octonarium	27.4	Salvia nutans	26.8
Stipa lessingiana	26.5	Stipa pulcherrima	24.7
Falcaria vulgaris	24.7	Agropyron cristatum	24.5
Phlomis herba-venti	23.0	Linum austriacum	22.4
Nonea pulla	22.3	Elytrigia intermedia	22.1
Iris pumila	22.0	Veronica spicata	21.6
Astragalus onobrychis	21.6	Astragalus austriacus	21.5
Taraxacum serotinum	21.3	Campanula sibirica	21.0
Verbascum phoeniceum	20.9	Euphorbia seguieriana	20.5
Achillea stepposa	20.5	Veronica prostrata	20.2
Stipa zalesskii	19.7	Caragana frutex	19.7
Achillea setacea	19.6	Oxytropis pilosa	19.5
Centaurea stoebe	19.3	Carex supina	19.3
Bassia prostrata	19.2	Adonis vernalis	19.2
Asperula cynanchica	18.9	Helictotrichon desertorum	18.8
Silene otites aggr.	18.7	Stipa tirsia	18.3
Stachys recta	18.3	Scabiosa ochroleuca	18.3
Stipa pennata	18.1	Viola ambigua	18.0
Pilosella echioides	17.9	Thymus odoratissimus	17.8
Potentilla humifusa	17.7	Tanacetum millefolium	17.6
Achillea nobilis	17.4	Xeranthemum annuum	17.2
Schistidium dupretii	17.1	Potentilla argentea	17.1
Galium humifusum	17.1	Euphorbia nicaeensis	16.8
Securigera varia	16.7	Arenaria procera	16.7
Bromopsis riparia	16.6	Marrubium peregrinum	16.3
Jurinea arachnoidea	16.2	Onosma simplicissima	16.0
Erysimum diffusum	16.0	Hypericum elegans	15.7
Phleum phleoides	15.5	Euphorbia cyparissias	15.4

Artemisia campestris	15.4	Teucrium chamaedrys	15.3
Poa bulbosa	15.3	Artemisia pontica	15.3
<i>Constant species (occurrence frequencies)</i>			
Festuca valesiaca	72.0	Eryngium campestre	50.0
Medicago falcata	42.0	Stipa capillata	39.0
Bothriochloa ischaemum	38.0	Euphorbia cyparissias	34.0
Potentilla cinerea	33.0	Teucrium chamaedrys	32.0
Galium verum	32.0	Koeleria macrantha	30.0
Poa pratensis aggr.	27.0	Plantago lanceolata	27.0
Asperula cynanchica	27.0	Thymus pulegioides	24.0
Achillea millefolium aggr.	23.0	Stachys recta	21.0
Securigera varia	21.0	Potentilla argentea	21.0
Salvia nemorosa	20.0	Sanguisorba minor	19.0
Poa bulbosa	19.0	Artemisia campestris	19.0
Veronica spicata	18.0	Plantago media	18.0
Hypericum perforatum	18.0	Falcaria vulgaris	18.0
Elytrigia repens	18.0	Artemisia austriaca	18.0
Convolvulus arvensis	17.0	Centaurea stoebe	17.0
Scabiosa ochroleuca	16.0	Teucrium polium aggr.	15.0
Phleum phleoides	15.0	Lotus corniculatus	15.0
Fragaria viridis	15.0	Festuca stricta subsp. sulcata	15.0
Elytrigia intermedia	15.0	Carex humilis	15.0
Salvia pratensis	14.0	Koeleria pyramidata	14.0
Filipendula vulgaris	14.0	Euphorbia seguieriana	14.0
Astragalus onobrychis	14.0	Arenaria serpyllifolia	14.0
Silene otites aggr.	13.0	Pilosella officinarum	12.0
Galatella villosa	12.0	Echium vulgare	12.0
Dorycnium pentaphyllum	12.0	Clinopodium acinos	12.0
Campanula sibirica	12.0	Achillea setacea	12.0
Agrimonia eupatoria	12.0	Trifolium arvense	11.0
Thymus odoratissimus	11.0	Stipa pulcherrima	11.0
Stipa pennata	11.0	Medicago minima	11.0
Medicago lupulina	11.0	Centaurea scabiosa	11.0
Agropyron cristatum	11.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Festuca valesiaca	36.0	Stipa capillata	13.0
Bothriochloa ischaemum	11.0		

### **R1C - [E12c] Desert steppe**

#### *Diagnostic species (phi coefficient \* 100)*

Artemisia lerchiana	74.2	Leymus ramosus	68.4
Bassia prostrata	67.5	Alyssum turkestanicum	61.8
Tanacetum achilleifolium	54.0	Artemisia austriaca	52.0
Meniocus linifolius	47.1	Eremopyrum orientale	44.1

Poa bulbosa	42.6	Artemisia pauciflora	41.6
Agropyron cristatum	41.5	Ceratocarpus arenarius	39.9
Carduus uncinatus	38.1	Camphorosma monspeliaca	36.4
Agropyron desertorum	35.7	Bassia sedoides	34.8
Agropyron fragile	33.5	Artemisia taurica	33.4
Medicago orthoceras	32.6	Polygonum novoascanicum	31.3
Lepidium perfoliatum	31.2	Bromus squarrosus	31.0
Erodium hoefftianum	30.9	Prangos odontalgica	30.8
Stipa lessingiana	30.4	Ceratocephala falcata	29.9
Ephedra distachya	29.4	Xanthoria parietina	28.9
Alhagi maurorum	28.5	Ornithogalum fischerianum	27.8
Limonium sareptanum	26.8	Phlomis herba-venti	26.3
Sisymbrium loeselii	24.7	Artemisia arenaria	24.2
Artemisia nitrosa	24.0	Lappula patula	23.7
Androsace maxima	23.3	Eremopyrum triticeum	23.1
Limonium gmelinii	23.0	Krascheninnikovia ceratoides	22.9
Achillea leptophylla	22.8	Galatella villosa	22.6
Holosteum umbellatum	21.5	Artemisia scoparia	21.4
Ornithogalum orthophyllum	21.2	Achillea micrantha	21.2
Bellevalia speciosa	21.1	Salsola tragus	20.6
Goniolimon tataricum	20.3	Senecio leucanthemifolius	20.0
Silene cyri	19.9	Iris scariosa	19.6
Anabasis salsa	19.5	Xanthoria polycarpa	19.4
Tulipa biflora	19.3	Rinodina exigua	19.3
Gagea reticulata	19.3	Ferula caspica	19.2
Climacoptera crassa	19.1	Allium inaequale	19.0
Xanthoparmelia ryssolea	18.9	Tulipa gesneriana	18.9
Neotorularia contortuplicata	18.9	Astragalus glaucus	18.9
Anisantha tectorum	18.9	Salvia aethiopis	18.8
Tulipa sylvestris	18.7	Stipa sareptana	18.7
Salsola larcina	18.6	Syntrichia ruralis	18.5
Festuca valesiaca	18.5	Caloplaca lobulata	18.5
Anabasis aphylla	18.5	Trifolium retusum	18.4
Bassia laniflora	18.4	Alyssum hirsutum	18.4
Medicago medicaginoides	18.1	Lappula marginata	18.1
Ranunculus oxyspermus	18.0	Lappula barbata	18.0
Astragalus asper	17.9	Chorispora tenella	17.7
Atriplex tatarica	17.7	Jurinea multiflora	17.6
Malabaila graveolens	17.5	Tragopogon dubius	17.1
Puccinellia dolicholepis	17.0	Tribulus terrestris	16.9
Allium saxatile	16.7	Peganum harmala	16.4
Astragalus subuliformis	16.2	Erysimum hieracifolium	16.0
Rhaponticum repens	15.8	Lepidium draba	15.4
Limonium meyeri	15.2		
<i>Constant species (occurrence frequencies)</i>			
Poa bulbosa	60.0	Artemisia lerchiana	58.0
Bassia prostrata	52.0	Leymus ramosus	48.0



Alyssum turkestanicum	48.0	Artemisia austriaca	42.0
Tanacetum achilleifolium	30.0	Festuca valesiaca	26.0
Bromus squarrosus	26.0	Agropyron cristatum	26.0
Meniocus linifolius	24.0	Eremopyrum orientale	22.0
Ceratocarpus arenarius	18.0	Carduus uncinatus	18.0
Camphorosma monspeliaca	18.0	Artemisia pauciflora	18.0
Syntrichia ruralis	16.0	Anisantha tectorum	16.0
Stipa lessingiana	14.0	Lamium amplexicaule	14.0
Holosteum umbellatum	14.0	Ephedra distachya	14.0
Bassia sedoides	14.0	Artemisia taurica	14.0
Agropyron desertorum	14.0	Senecio leucanthemifolius	12.0
Phlomis herba-venti	12.0	Medicago orthoceras	12.0
Lepidium perfoliatum	12.0	Elytrigia repens	12.0
Ceratocephala falcata	12.0	Agropyron fragile	12.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Agropyron cristatum	14.0	Leymus ramosus	12.0
Poa bulbosa	8.0	Artemisia lerchiana	6.0

**R1D - [E13a] Mediterranean closely grazed dry grassland**

*Diagnostic species (phi coefficient \* 100)*

Trifolium subterraneum	47.0	Poa bulbosa	46.4
Parentucellia latifolia	39.8	Plantago coronopus aggr.	32.8
Trifolium suffocatum	31.2	Bellis annua	30.9
Plantago lagopus	30.6	Ranunculus paludosus	30.3
Trifolium nigrescens	27.6	Trifolium tomentosum	27.2
Erodium cicutarium	25.1	Erodium botrys	23.1
Crassula tillaea	22.9	Trifolium glomeratum	22.5
Trifolium scabrum	22.4	Moenchia erecta	21.7
Galium murale	21.2	Plantago bellardii	20.9
Astragalus pelecinus	20.1	Romulea columnae	20.0
Sagina apetala	19.5	Paronychia argentea	18.5
Hypochaeris glabra	18.4	Allium chamaemoly	18.2
Sherardia arvensis	18.1	Ornithopus compressus	17.9
Filago pygmaea	17.5	Vulpia myuros	17.3
Alyssum turkestanicum	17.1	Moraea sisyrinchium	16.8
Hypochaeris cretensis	16.7	Sedum caespitosum	16.6
Ornithogalum collinum	16.5	Romulea bulbocodium	16.2
Lagurus ovatus	16.2	Trifolium cherleri	16.0
Tuberaria guttata	15.8	Crepis neglecta	15.4
Carex divisa	15.4		

*Constant species (occurrence frequencies)*

Poa bulbosa	65.0	Plantago coronopus aggr.	34.0
Trifolium subterraneum	31.0	Erodium cicutarium	31.0
Parentucellia latifolia	22.0	Plantago lanceolata	20.0

Eryngium campestre	19.0	Trifolium scabrum	18.0
Sherardia arvensis	18.0	Plantago lagopus	18.0
Trifolium campestre	15.0	Ranunculus paludosus	15.0
Cynodon dactylon	14.0	Anthemis arvensis	14.0
Vulpia myuros	13.0	Trifolium nigrescens	13.0
Bellis annua	13.0	Trifolium suffocatum	12.0
Hypochaeris glabra	12.0	Dactylis glomerata	12.0
Veronica arvensis	11.0	Tuberaria guttata	11.0
Trifolium tomentosum	11.0	Trifolium glomeratum	11.0
Teucrium polium aggr.	11.0	Sagina apetala	11.0
Cerastium glomeratum	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Poa bulbosa	25.0	Trifolium subterraneum	12.0
Plantago coronopus aggr.	6.0		

**R1E - [E13b] Mediterranean tall perennial dry grassland**

*Diagnostic species (phi coefficient \* 100)*

Macrochloa tenacissima	40.9	Brachypodium retusum	36.4
Hyparrhenia hirta	30.3	Helictotrichon filifolium	29.7
Reichardia picroides	27.5	Sedum sediforme	26.0
Helictochloa bromoides	25.3	Phlomis lychnitis	24.6
Stipa offneri	23.4	Lygeum spartum	22.6
Asphodelus ramosus	22.4	Asparagus horridus	21.7
Teucrium pseudochamaepitys	21.6	Carlina corymbosa	21.4
Convolvulus althaeoides	20.9	Phagnalon saxatile	20.2
Lapiedra martinezii	18.9	Thymus vulgaris	18.7
Arrhenatherum album	18.1	Linum strictum aggr.	17.8
Bituminaria bituminosa	17.6	Ruta angustifolia	17.2
Festuca scariosa	17.0	Asphodelus cerasiferus	16.4
Thymelaea hirsuta	15.6	Rosmarinus officinalis	15.3
Pallenis spinosa	15.1		

*Constant species (occurrence frequencies)*

Brachypodium retusum	49.0	Dactylis glomerata	46.0
Thymus vulgaris	22.0	Sedum sediforme	21.0
Macrochloa tenacissima	21.0	Reichardia picroides	20.0
Eryngium campestre	19.0	Helictochloa bromoides	18.0
Hyparrhenia hirta	17.0	Asphodelus ramosus	17.0
Carlina corymbosa	16.0	Rosmarinus officinalis	14.0
Koeleria vallesiana	14.0	Daucus carota	13.0
Bituminaria bituminosa	13.0	Teucrium polium aggr.	12.0
Linum strictum aggr.	12.0	Helichrysum stoechas	12.0
Helictotrichon filifolium	11.0	Convolvulus althaeoides	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Brachypodium retusum	19.0	Macrochloa tenacissima	18.0
Lygeum spartum	7.0	Hyparrhenia hirta	7.0

### R1F - [E13c] Mediterranean annual-rich dry grassland

#### *Diagnostic species (phi coefficient \* 100)*

Asterolinon linum-stellatum	51.9	Trachynia distachya	50.6
Linum strictum aggr.	44.2	Euphorbia exigua	42.0
Catapodium rigidum	39.6	Minuartia hybrida aggr.	37.9
Hornungia petraea	37.4	Campanula erinus	36.5
Trifolium scabrum	36.1	Filago pyramidata	34.7
Hippocrepis ciliata	34.4	Atractylis cancellata	33.3
Helianthemum salicifolium	32.6	Neatostema apulum	32.5
Galium parisiense	32.5	Bombycilaena erecta	31.9
Medicago minima	31.8	Clypeola jonthlaspi	30.6
Ononis reclinata	29.3	Asteriscus aquaticus	29.1
Polygala monspeliaca	28.0	Cleonia lusitanica	28.0
Stipa capensis	25.1	Arenaria leptoclados	24.8
Hypochaeris achyrophorus	24.2	Bupleurum baldense	24.2
Velezia rigida	23.9	Scorpiurus muricatus	23.5
Echinaria capitata	23.1	Aegilops geniculata	23.1
Vulpia unilateralis	23.0	Cerastium gracile	22.6
Trifolium stellatum	22.2	Arabis auriculata	22.2
Leontodon saxatilis	21.7	Euphorbia falcata	21.6
Sherardia arvensis	21.5	Plantago afra	20.9
Crucianella angustifolia	20.8	Campanula fastigiata	20.8
Helianthemum ledifolium	20.6	Centranthus calcitrapae	20.0
Bupleurum semicompositum	19.1	Saxifraga tridactylites	19.0
Xeranthemum inapertum	18.7	Alyssum granatense	18.1
Lomelosia stellata	17.8	Tripodion tetraphyllum	17.7
Limonium echioides	17.7	Vulpia ciliata	17.5
Cerastium pumilum	17.5	Linaria simplex	17.4
Alyssum simplex	17.4	Hedypnois rhagadioloides	17.1
Arenaria obtusiflora	17.1	Anisantha fasciculata	16.8
Narduroides salzmannii	16.4	Linaria glauca	16.2
Valantia muralis	16.1	Crepis neglecta	15.9
Euphorbia sulcata	15.7	Coronilla scorpioides	15.7
Sideritis romana	15.4	Astragalus sesameus	15.2
Anisantha rubens	15.2	Valerianella discoidea	15.1
Medicago littoralis	15.1	Chaenorhinum rubrifolium	15.0

#### *Constant species (occurrence frequencies)*

Trachynia distachya	43.0	Asterolinon linum-stellatum	39.0
Euphorbia exigua	36.0	Linum strictum aggr.	35.0
Catapodium rigidum	34.0	Medicago minima	33.0
Trifolium scabrum	30.0	Minuartia hybrida aggr.	24.0
Filago pyramidata	24.0	Hornungia petraea	23.0

Sherardia arvensis	21.0	Leontodon saxatilis	21.0
Helianthemum salicifolium	19.0	Galium parisiense	19.0
Bombycilaena erecta	19.0	Campanula erinus	18.0
Arenaria leptocladus	18.0	Trifolium campestre	17.0
Erodium cicutarium	16.0	Anagallis arvensis	16.0
Hippocrepis ciliata	15.0	Neatostema apulum	14.0
Draba verna aggr.	14.0	Cerastium pumilum	14.0
Arenaria serpyllifolia	14.0	Trifolium stellatum	13.0
Ononis reclinata	13.0	Hypochaeris achyrophorus	13.0
Clypeola jonthlasi	13.0	Bupleurum baldense	13.0
Atractylis cancellata	13.0	Saxifraga tridactylites	12.0
Aegilops geniculata	12.0	Scorpiurus muricatus	11.0
Euphorbia falcata	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Trachynia distachya	11.0
---------------------	------

#### **R1G - [E15a] Iberian oromediterranean siliceous dry grassland**

*Diagnostic species (phi coefficient \* 100)*

Festuca indigesta	82.5	Jasione crispa	57.1
Sedum brevifolium	54.8	Luzula caespitosa	47.7
Silene ciliata	47.4	Neoschischkinia truncatula	36.7
Luzula spicata subsp. nevadensis	36.3	Pilosella vahlii	34.7
Dianthus langleanus	34.4	Teesdalia conferta	29.3
Scorzoneroides cantabrica	28.7	Jurinea humilis	25.3
Pilosella castellana	23.8	Hormathophylla spinosa	22.8
Sedum candolleianum	22.6	Sideritis hyssopifolia	22.3
Arenaria grandiflora	21.8	Festuca iberica	21.2
Festuca clementei	21.1	Galium pyrenaicum	20.5
Paronychia polygonifolia	20.2	Festuca eskia	20.2
Jasione laevis	20.1	Phalacrocarpum oppositifolium	19.9
Festuca gautieri	19.9	Phyteuma hemisphaericum	19.8
Minuartia recurva	19.8	Agrostis tileni	19.7
Helictotrichon sedenense	19.6	Armeria bigerrensis	19.4
Leontodon boryi	19.3	Koeleria vallesiana	18.8
Eryngium glaciale	18.8	Sideritis glacialis	18.7
Saxifraga fragosoi	18.4	Oxytropis neglecta	18.3
Medicago suffruticosa	18.3	Armeria alpina	18.3
Thymus nervosus	18.2	Thymus izcoi	17.8
Plantago alpina	17.6	Androsace villosa	17.6
Trisetum glaciale	17.3	Hormathophylla purpurea	17.1
Cerastium gracile	16.8	Plantago monosperma	16.7
Murbeckiella boryi	16.7	Vicia pyrenaica	16.5
Rumex suffruticosus	16.5	Bupleurum ranunculoides	16.5
Helictochloa marginata	16.2	Sideritis endressii	15.7
Cryptogramma crispa	15.6	Antennaria dioica	15.2

Viola crassiuscula	15.1	Armeria duriaei	15.1
<i>Constant species (occurrence frequencies)</i>			
Festuca indigesta	72.0	Jasione crispa	40.0
Avenella flexuosa	40.0	Sedum brevifolium	38.0
Silene ciliata	25.0	Luzula caespitosa	24.0
Koeleria vallesiana	19.0	Neoschischkinia truncatula	18.0
Anthyllis vulneraria	18.0	Lotus corniculatus	15.0
Helictochloa pratensis	15.0	Antennaria dioica	15.0
Nardus stricta	14.0	Luzula spicata subsp. nevadensis	14.0
Juniperus communis subsp. nana	14.0	Pilosella vahlii	12.0
Dianthus langleanus	12.0	Rumex acetosella	11.0
Plantago alpina	11.0	Phyteuma hemisphaericum	11.0
Helictotrichon sedenense	11.0	Festuca gautieri	11.0
Carex humilis	11.0	Arenaria grandiflora	11.0
Agrostis capillaris	11.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Festuca indigesta	34.0	Luzula caespitosa	11.0

#### **R1H - [E15b] Iberian oromediterranean basiphilous dry grassland**

<i>Diagnostic species (phi coefficient * 100)</i>			
Festuca hystrix	83.3	Koeleria vallesiana	60.3
Helianthemum canum	52.8	Poa ligulata	48.2
Teucrium expassum	44.4	Arenaria grandiflora	39.9
Jurinea humilis	37.2	Seseli montanum	35.0
Arenaria aggregata	33.3	Coronilla minima	32.0
Helianthemum apenninum	29.8	Carthamus mitissimus	29.6
Paronychia kapela	29.5	Dianthus pungens	29.2
Thymus mastigophorus	27.0	Saxifraga conifera	26.7
Helianthemum croceum	26.3	Crepis albida	25.7
Festuca burnatii	24.7	Oreochloa confusa	23.8
Thymus munbyanus	23.5	Festuca marginata	23.4
Carthamus carduncellus	23.4	Arenaria tetraquetra	23.3
Sideritis hyssopifolia	22.9	Arenaria armerina	22.7
Odontites longiflora	22.6	Achillea odorata	22.3
Draba hispanica	21.6	Astragalus incanus	21.3
Erinacea anthyllis	20.7	Silene legionensis	20.4
Festuca nevadensis	19.9	Globularia repens	19.4
Fumana procumbens	19.4	Carex humilis	19.4
Saponaria caespitosa	19.2	Trinia glauca	18.6
Anthyllis vulneraria	18.5	Androsace villosa	18.5
Helictochloa pratensis	18.4	Globularia bisnagarica	18.4
Ononis striata	18.3	Klasea nudicaulis	18.2
Draba dedeana	18.2	Ononis pusilla	18.0
Potentilla tabernaemontani	17.9	Artemisia pedemontana	17.5

Arenaria obtusiflora	17.4	Helictochloa bromoides	17.2
Coris monspeliensis	17.2	Convolvulus lineatus	17.2
Asperula pyrenaica	17.2	Plantago monosperma	17.0
Lavandula latifolia	16.9	Sedum album	16.8
Hieracium bombycinum	16.6	Genista scorpius	16.5
Saxifraga canaliculata	16.4	Onobrychis reuteri	16.4
Chaenorhinum origanifolium	15.9	Thymus willkommii	15.8
Thymus praecox	15.6		
<i>Constant species (occurrence frequencies)</i>			
Festuca hystrix	75.0	Koeleria vallesiana	72.0
Helianthemum canum	51.0	Seseli montanum	31.0
Anthyllis vulneraria	31.0	Coronilla minima	30.0
Poa ligulata	26.0	Carex humilis	26.0
Teucrium expassum	23.0	Potentilla tabernaemontani	23.0
Arenaria grandiflora	23.0	Thymus praecox	22.0
Helianthemum apenninum	22.0	Helictochloa pratensis	20.0
Eryngium campestre	19.0	Sedum album	18.0
Teucrium chamaedrys	17.0	Jurinea humilis	17.0
Pilosella officinarum	16.0	Globularia bisnagarica	16.0
Fumana procumbens	16.0	Bromopsis erecta	16.0
Carthamus mitissimus	15.0	Arenaria aggregata	15.0
Paronychia kapela	14.0	Genista scorpius	14.0
Sanguisorba minor	13.0	Thymus vulgaris	12.0
Lavandula latifolia	12.0	Helichrysum stoechas	12.0
Helictochloa bromoides	12.0	Aphyllanthes monspeliensis	12.0
Trinia glauca	11.0	Sedum sediforme	11.0
Sedum acre	11.0	Plantago lanceolata	11.0
Ononis pusilla	11.0	Dianthus pungens	11.0
Crepis albida	11.0	Asperula cynanchica	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Festuca hystrix	33.0	Koeleria vallesiana	8.0

#### **R1J - [E15c] Cyрно-Sardean oromediterranean siliceous dry grassland**

##### *Diagnostic species (phi coefficient \* 100)*

Sagina pilifera	86.9	Plantago subulata	86.6
Hypochaeris robertia	85.0	Pilosella lactucella	72.1
Sedum brevifolium	67.7	Armeria multiceps	66.1
Noccaea brevistyla	66.0	Ligusticum corsicum	65.7
Genista lobelii	64.8	Thymus herba-barona	64.5
Juniperus communis subsp. nana	56.9	Bellardiochloa variegata	56.7
Cerastium soleirolii	55.1	Bellium bellidioides	53.1
Drymocallis corsica	46.9	Armeria sardoa	46.5
Brimeura fastigiata	46.1	Crocus corsicus	45.6
Stachys corsica	45.3	Saxifraga pedemontana	44.8

Paronychia polygonifolia	44.6	Galium corsicum	44.6
Poa balbisii	44.4	Luzula spicata	44.1
Hypochaeris cretensis	42.5	Anthyllis hermanniae	39.8
Sedum dasyphyllum	37.2	Nardus stricta	37.0
Scleranthus perennis subsp. burnatii	33.1	Festuca morisiana	33.0
Arenaria balearica	32.6	Bromus grossus	32.5
Viola corsica	32.3	Dryopteris oreades	31.5
Agrostis castellana	31.3	Carlina macrocephala	30.4
Prunus prostrata	29.6	Cerastium gibraltarium	29.6
Dianthus sylvestris	29.5	Genista corsica	29.1
Bunium alpinum	28.6	Carex caryophylla	28.1
Sesamoides purpurascens	28.0	Daphne oleoides	24.6
Santolina chamaecyparissus aggr.	23.2	Sedum album	20.6
Asplenium septentrionale	19.8	Poa alpina	18.8
Euphrasia salisburgensis	18.1	Agrostis rupestris	17.1
Spergularia rubra	15.7	Helichrysum italicum	15.4
Brachypodium pinnatum	15.0		
<i>Constant species (occurrence frequencies)</i>			
Plantago subulata	89.0	Sagina pilifera	78.0
Pilosella lactucella	78.0	Nardus stricta	78.0
Hypochaeris robertia	78.0	Juniperus communis subsp. nana	67.0
Sedum brevifolium	56.0	Avenella flexuosa	56.0
Thymus herba-barona	44.0	Noccaea brevistyla	44.0
Ligusticum corsicum	44.0	Genista lobelii	44.0
Carex caryophylla	44.0	Bellardiochloa variegata	44.0
Armeria multiceps	44.0	Luzula spicata	33.0
Cerastium soleirolii	33.0	Brachypodium pinnatum	33.0
Bellium bellidioides	33.0	Arrhenatherum elatius	33.0
Stachys corsica	22.0	Silene vulgaris	22.0
Sedum dasyphyllum	22.0	Sedum album	22.0
Saxifraga pedemontana	22.0	Poa balbisii	22.0
Poa alpina	22.0	Phleum pratense	22.0
Paronychia polygonifolia	22.0	Hypochaeris cretensis	22.0
Galium corsicum	22.0	Drymocallis corsica	22.0
Dianthus sylvestris	22.0	Crocus corsicus	22.0
Brimeura fastigiata	22.0	Armeria sardoa	22.0
Anthyllis hermanniae	22.0	Agrostis castellana	22.0
Viola corsica	11.0	Spergularia rubra	11.0
Sesamoides purpurascens	11.0	Scleranthus perennis subsp. burnatii	11.0
Santolina chamaecyparissus aggr.	11.0	Rumex acetosella	11.0
Prunus prostrata	11.0	Poa compressa	11.0
Poa bulbosa	11.0	Luzula forsteri	11.0
Juniperus communis subsp. communis	11.0	Helichrysum italicum	11.0
Geum montanum	11.0	Genista corsica	11.0
Festuca rubra	11.0	Festuca morisiana	11.0
Euphrasia salisburgensis	11.0	Dryopteris oreades	11.0
Draba verna aggr.	11.0	Digitalis purpurea	11.0

Daphne oleoides	11.0	Cerastium gibraltarium	11.0
Carlina macrocephala	11.0	Bunium alpinum	11.0
Bromus grossus	11.0	Asplenium trichomanes	11.0
Asplenium septentrionale	11.0	Arenaria balearica	11.0
Agrostis stolonifera	11.0	Agrostis rupestris	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Plantago subulata	33.0	Carex caryophylla	22.0
-------------------	------	-------------------	------

### **R1K - [E15d] Balkan and Anatolian oromediterranean dry grassland**

*Diagnostic species (phi coefficient \* 100)*

Alopecurus gerardi	75.1	Trifolium parnassii	73.3
Herniaria parnassica	72.9	Dianthus viscidus	55.4
Poa thessala	48.4	Pheum alpinum aggr.	48.4
Campanula spatulata	47.9	Plantago atrata	47.5
Festuca varia	46.0	Campanula radicata	44.4
Crocus sieberi	43.9	Ranunculus sartorianus	43.1
Carduus tmoleus	42.5	Plantago holosteum	41.5
Armeria canescens	40.2	Crocus veluchensis	34.1
Trifolium heldreichianum	32.0	Thymus longicaulis	31.1
Astragalus depressus	30.3	Luzula spicata	30.1
Taraxacum sect. Erythrosperma	29.9	Daphne oleoides	29.5
Bellardiochloa variegata	29.3	Campanula tymphaea	29.0
Cirsium hypopsilum	28.1	Silene roemerii	26.3
Dianthus petraeus	24.0	Taraxacum fontanicola	23.7
Poa trichopoda	23.7	Trinia frigida	23.4
Thymus boissieri	23.2	Ornithogalum exscapum	23.1
Myosotis suaveolens	22.9	Festuca oviniformis	22.7
Saxifraga sempervivum	22.5	Festuca polita	22.4
Astragalus sirinicus	22.4	Poa timoleontis	21.1
Marrubium velutinum	21.1	Thymus thracicus	20.5
Polygala nicaeensis aggr.	19.8	Asperula aristata	19.5
Pilosella cymosa	19.3	Viola striis-notata	16.8
Verbascum cylleneum	16.8	Sibbaldia parviflora	16.8
Euphorbia heldreichii	16.8	Erysimum drenowskii	16.8
Corydalis blanda subsp. parnassica	16.8	Colchicum parnassicum	16.8
Beta nana	16.8	Stachys tymphaea	16.7
Scleranthus perennis	16.7	Festuca olympica	16.7
Festuca korabensis	16.7	Dianthus tymphresteus	16.7
Cicer incisum	16.7	Astragalus apollineus	16.7
Asperula doerfleri	16.7	Hieracium sartorianum	16.6
Scilla bifolia	16.5	Draba lacaitae	16.5
Alyssum sphacioticum	16.5	Achillea ambrosiaca	16.5
Edraianthus parnassicus	16.4	Valantia aprica	16.3
Trisetum laconicum	16.3	Trifolium phleoides	16.3
Poa pumila	16.3	Mattiastrum lithospermifolium	16.3



Gagea peduncularis	16.3	Festuca hercegovinica	16.3
Cirsium tymphaeum	16.3	Viola graeca	16.2
Verbascum mallophorum	16.2	Sesleria rigida	16.2
Saxifraga scardica	16.2	Pilosella hoppeana	16.1
Ornithogalum oligophyllum	16.0	Luzula pindica	16.0
Carex kitaibeliana	16.0	Thesium parnassi	15.8
Cirsium heldreichii	15.8	Myosotis refracta	15.7
Crataegus pycnoloba	15.7	Orobanche elatior	15.6
Sesleria tenerrima	15.5	Fibigia clypeata	15.3
Cyanus pindicola	15.3	Sideritis scardica	15.2
Seseli kochii	15.1	Ranunculus psilostachys	15.1
<i>Constant species (occurrence frequencies)</i>			
Alopecurus gerardi	60.0	Trifolium parnassii	54.0
Herniaria parnassica	54.0	Phleum alpinum aggr.	49.0
Plantago atrata	34.0	Lotus corniculatus	31.0
Dianthus viscidus	31.0	Festuca varia	29.0
Campanula spatulata	29.0	Poa thessala	26.0
Plantago holosteuum	26.0	Thymus longicaulis	23.0
Armeria canescens	23.0	Taraxacum sect. Erythrosperma	20.0
Ranunculus sartorianus	20.0	Medicago lupulina	20.0
Luzula spicata	20.0	Crocus sieberi	20.0
Carduus tmoleus	20.0	Campanula radicata	20.0
Trifolium repens	17.0	Bellardiochloa variegata	17.0
Anthoxanthum odoratum aggr.	17.0	Scleranthus perennis	14.0
Rumex acetosella	14.0	Plantago lanceolata	14.0
Pilosella officinarum	14.0	Daphne oleoides	14.0
Crocus veluchensis	14.0	Trifolium heldreichianum	11.0
Trifolium alpestre	11.0	Nardus stricta	11.0
Bellis perennis	11.0	Astragalus depressus	11.0
Asperula aristata	11.0	Achillea millefolium aggr.	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Alopecurus gerardi	17.0	Plantago atrata	11.0
Plantago holosteuum	9.0	Nardus stricta	9.0
Trifolium parnassii	6.0	Poa timoleontis	6.0
Festuca varia	6.0		

#### **R1L - [E15e] Madeiran oromediterranean siliceous dry grassland**

##### *Diagnostic species (phi coefficient \* 100)*

Aeonium glandulosum	78.5	Tolpis macrorhiza	70.5
Crepis vesicaria subsp. andryaloides	70.5	Andryala glandulosa	70.3
Sinapidendron frutescens	61.0	Sedum farinosum	61.0
Galium productum	61.0	Bupleurum salicifolium	61.0
Plantago arborescens	60.5	Parafestuca albida	49.8
Festuca jubata	49.8	Deschampsia maderensis	49.8

Armeria maderensis	49.8	Erysimum bicolor	49.6
Rumex maderensis	49.5	Helichrysum melaleucum	49.5
		Polypodium cambricum subsp.	
Dactylis smithii	49.5	macaronesicum	49.2
Ranunculus cortusifolius	48.9	Davallia canariensis	48.2
Vicia capreolata	35.2	Saxifraga maderensis	35.2
Plantago malato-belizii	35.2	Odontites holliana	35.2
Musschia aurea	35.2	Bunium brevifolium	35.2
Arabis alpina	35.2	Anthyllis lemnniana	35.2
Aichryson villosum	35.2	Aichryson divaricatum	35.2
Tolpis succulenta	35.1	Lotus macranthus	35.1
Erica maderensis	35.1	Sideritis candicans	35.0
Genista tenera	35.0	Crepis heldreichiana	35.0
Crambe fruticosa	35.0	Pericallis aurita	34.9
Luzula elegans	34.7	Wahlenbergia lobelioides	34.0
Carlina salicifolia	33.9	Orobanche minor	32.8
Neoschischkinia reuteri	32.4	Micromeria graeca	22.9
Umbilicus rupestris	21.6		
<i>Constant species (occurrence frequencies)</i>			
Aeonium glandulosum	62.0	Tolpis macrorhiza	50.0
Crepis vesicaria subsp. andryaloides	50.0	Andryala glandulosa	50.0
Sinapidendron frutescens	38.0	Sedum farinosum	38.0
Plantago arborescens	38.0	Galium productum	38.0
Bupleurum salicifolium	38.0	Rumex maderensis	25.0
		Polypodium cambricum subsp.	
Ranunculus cortusifolius	25.0	macaronesicum	25.0
Parafestuca albida	25.0	Helichrysum melaleucum	25.0
Festuca jubata	25.0	Erysimum bicolor	25.0
Deschampsia maderensis	25.0	Davallia canariensis	25.0
Dactylis smithii	25.0	Armeria maderensis	25.0
Arabis alpina	25.0	Anthoxanthum odoratum aggr.	25.0
Wahlenbergia lobelioides	12.0	Vicia capreolata	12.0
Umbilicus rupestris	12.0	Tolpis succulenta	12.0
Sideritis candicans	12.0	Saxifraga maderensis	12.0
Plantago malato-belizii	12.0	Pericallis aurita	12.0
Orobanche minor	12.0	Odontites holliana	12.0
Neoschischkinia reuteri	12.0	Musschia aurea	12.0
Micromeria graeca	12.0	Luzula elegans	12.0
Lotus macranthus	12.0	Genista tenera	12.0
Erica maderensis	12.0	Crepis heldreichiana	12.0
Crambe fruticosa	12.0	Carlina salicifolia	12.0
Bunium brevifolium	12.0	Asplenium trichomanes	12.0
Anthyllis lemnniana	12.0	Aichryson villosum	12.0
Aichryson divaricatum	12.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Aeonium glandulosum	25.0	Musschia aurea	12.0

Festuca jubata	12.0	Deschampsia maderensis	12.0
Aichryson villosum	12.0		

**R1M - [E17] Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta**

*Diagnostic species (phi coefficient \* 100)*

Nardus stricta	41.0	Arnica montana	30.5
Carex pilulifera	26.3	Danthonia decumbens	23.5
Galium saxatile	22.8	Potentilla erecta	22.7
Potentilla aurea	20.8	Festuca filiformis	20.3
Hypericum maculatum	19.2	Antennaria dioica	18.6
Luzula campestris	17.8	Veronica officinalis	17.2
Viola canina	16.4	Pedicularis sylvatica	16.2
Agrostis capillaris	15.6		

*Constant species (occurrence frequencies)*

Nardus stricta	83.0	Potentilla erecta	75.0
Agrostis capillaris	55.0	Carex pilulifera	48.0
Anthoxanthum odoratum aggr.	42.0	Avenella flexuosa	41.0
Festuca rubra	40.0	Calluna vulgaris	39.0
Luzula campestris	37.0	Danthonia decumbens	37.0
Vaccinium myrtillus	35.0	Veronica officinalis	33.0
Galium saxatile	32.0	Hypericum maculatum	27.0
Arnica montana	26.0	Pilosella officinarum	25.0
Achillea millefolium aggr.	24.0	Viola canina	21.0
Luzula multiflora	20.0	Rumex acetosa	19.0
Potentilla aurea	19.0	Polygala vulgaris	19.0
Rhytidadelphus squarrosus	18.0	Pleurozium schreberi	18.0
Molinia caerulea aggr.	18.0	Festuca filiformis	18.0
Briza media	17.0	Antennaria dioica	17.0
Rumex acetosella	16.0	Plantago lanceolata	16.0
Lotus corniculatus	16.0	Festuca ovina	16.0
Campanula rotundifolia	16.0	Carex pallescens	14.0
Vaccinium vitis-idaea	13.0	Trifolium pratense	13.0
Succisa pratensis	13.0	Stellaria graminea	13.0
Leucanthemum vulgare aggr.	13.0	Festuca nigrescens	13.0
Deschampsia cespitosa	13.0	Carlina acaulis	13.0
Carex panicea	13.0	Pedicularis sylvatica	12.0
Luzula luzuloides	12.0	Holcus lanatus	12.0
Veronica chamaedrys	11.0	Thymus pulegioides	11.0
Ranunculus acris	11.0	Juncus squarrosus	11.0
Carex leporina	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Nardus stricta	52.0	Festuca filiformis	5.0
Avenella flexuosa	5.0		

## R1N - [E18] Open Iberian supramediterranean dry acid and neutral grassland

### *Diagnostic species (phi coefficient \* 100)*

Festuca rivas-martinezii	56.4	Erodium foetidum	47.8
Colchicum montanum	33.0	Arenaria querioides	30.3
Festuca summilusitana	29.7	Poa ligulata	29.1
Pilosella castellana	27.4	Koeleria crassipes	26.6
Neoschischkinia reuteri	25.8	Arenaria aggregata	25.4
Carthamus mitissimus	25.0	Agrostis schleicheri	25.0
Sedum brevifolium	24.7	Koeleria vallesiana	24.6
Arenaria grandiflora	24.1	Vicia pyrenaica	23.7
Alchemilla alpigena	23.3	Helianthemum canum	22.8
Teucrium pyrenaicum	21.2	Plantago subulata	21.0
Hormathophylla spinosa	21.0	Armeria eriophylla	21.0
Saxifraga trifurcata	20.7	Leucanthemopsis pulverulenta	20.4
Thymus praecox	20.3	Erinus alpinus	19.9
Crepis albida	18.9	Petrorhagia nanteuilii	18.8
Saxifraga erioblasta	18.6	Brassica repanda	18.5
Lotus glareosus	18.3	Linaria propinqua	17.8
Bellis sylvestris	17.6	Helianthemum croceum	17.2
Molineriella laevis	16.8	Helictochloa pratensis	16.6
Odontites tenuifolia	16.5	Odontarrhena serpyllifolia	16.4
Filago minima	16.2	Sedum nevadense	16.1
Sagina merinoi	15.7	Armeria trachyphylla	15.5
Centaurea resupinata	15.1	Sedum arenarium	15.0
Paronychia polygonifolia	15.0		

### *Constant species (occurrence frequencies)*

Festuca rivas-martinezii	33.0	Thymus praecox	29.0
Lotus corniculatus	25.0	Koeleria vallesiana	25.0
Erodium foetidum	24.0	Bromopsis erecta	22.0
Plantago lanceolata	21.0	Sanguisorba minor	19.0
Potentilla tabernaemontani	19.0	Helictochloa pratensis	19.0
Helianthemum canum	19.0	Anthyllis vulneraria	19.0
Pilosella officinarum	18.0	Dactylis glomerata	17.0
Colchicum montanum	16.0	Helianthemum nummularium	15.0
Sedum album	14.0	Medicago lupulina	14.0
Briza media	14.0	Brachypodium rupestre	14.0
Festuca rubra	13.0	Trifolium repens	12.0
Teucrium pyrenaicum	12.0	Seseli montanum	12.0
Sedum brevifolium	12.0	Poa ligulata	12.0
Hypochaeris radicata	12.0	Galium verum	12.0
Filago minima	12.0	Clinopodium alpinum	12.0
Carthamus mitissimus	12.0	Bellis perennis	12.0
Arenaria grandiflora	12.0	Poa bulbosa	11.0
Plantago subulata	11.0	Plantago media	11.0

Arenaria querioides 11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Festuca rivas-martinezii 18.0

**R1P - [E19a] Oceanic to subcontinental inland sand grassland on dry acid and neutral soils**

*Diagnostic species (phi coefficient \* 100)*

Trifolium arvense	29.6	Ceratodon purpureus	29.5
Cerastium semidecandrum	28.4	Rumex acetosella	27.5
Jasione montana	27.0	Ornithopus perpusillus	25.8
Brachythecium albicans	24.2	Helichrysum arenarium	23.8
Artemisia campestris	23.8	Festuca stricta subsp. trachyphylla	23.6
Corynephorus canescens	23.3	Pilosella officinarum	22.4
Scleranthus perennis	21.4	Polytrichum piliferum	21.1
Aira praecox	20.9	Potentilla argentea	20.7
Filago minima	20.7	Sedum acre	20.3
Hypochaeris radicata	19.6	Aira caryophyllea	17.6
Arenaria serpyllifolia	17.5	Veronica dillenii	16.5
Teesdalia nudicaulis	16.3	Thymus serpyllum	16.1
Myosotis stricta	15.5	Draba verna aggr.	15.2
Herniaria glabra	15.1	Syntrichia ruralis	15.0

*Constant species (occurrence frequencies)*

Rumex acetosella	57.0	Pilosella officinarum	51.0
Agrostis capillaris	40.0	Trifolium arvense	39.0
Achillea millefolium aggr.	38.0	Hypochaeris radicata	37.0
Ceratodon purpureus	35.0	Plantago lanceolata	33.0
Artemisia campestris	30.0	Jasione montana	29.0
Cerastium semidecandrum	27.0	Potentilla argentea	26.0
Festuca ovina	26.0	Arenaria serpyllifolia	26.0
Sedum acre	24.0	Hypericum perforatum	24.0
Polytrichum piliferum	23.0	Poa pratensis aggr.	23.0
Corynephorus canescens	23.0	Euphorbia cyparissias	21.0
Brachythecium albicans	21.0	Thymus serpyllum	20.0
Trifolium campestre	19.0	Scleranthus perennis	17.0
Ornithopus perpusillus	17.0	Draba verna aggr.	16.0
Luzula campestris	15.0	Helichrysum arenarium	15.0
Festuca stricta subsp. trachyphylla	15.0	Erigeron canadensis	15.0
Aira praecox	15.0	Galium verum	14.0
Filago minima	14.0	Festuca rubra	14.0
Cerastium arvense	14.0	Hypnum cupressiforme	13.0
Aira caryophyllea	13.0	Veronica arvensis	12.0
Thymus pulegioides	12.0	Syntrichia ruralis	12.0
Sedum sexangulare	12.0	Armeria maritima	12.0
Teesdalia nudicaulis	11.0	Polytrichum juniperinum	11.0
Myosotis stricta	11.0	Festuca filiformis	11.0

Dianthus carthusianorum	11.0	Centaurea stoebe	11.0
Bromus hordeaceus	11.0	Anthoxanthum odoratum aggr.	11.0
Agrostis vinealis	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Festuca ovina	7.0	Pilosella officinarum	6.0
Festuca stricta subsp. trachyphylla	6.0	Ceratodon purpureus	6.0

**R1Q - [E19b] Inland sanddrift and dune with siliceous grassland**

*Diagnostic species (phi coefficient \* 100)*

Corynephorus canescens	70.9	Spergula morisonii	63.9
Polytrichum piliferum	50.8	Teesdalia nudicaulis	43.8
Cetraria aculeata	38.8	Cladonia cervicornis	32.2
Rumex acetosella	30.0	Filago minima	29.1
Jasione montana	26.7	Cladonia glauca	25.1
Veronica dillenii	22.5	Cladonia phyllophora	21.7
Cladonia macilenta	21.7	Cladonia subulata	21.6
Ceratodon purpureus	21.2	Agrostis vinealis	20.7
Cladonia zopfii	20.1	Cladonia uncialis	20.1
Cladonia furcata	19.9	Cladonia foliacea	18.4
Cladonia mitis	17.8	Ornithopus perpusillus	17.2
Carex arenaria	17.2	Scleranthus perennis	17.1
Cephaloziella divaricata	17.1	Ceratodon purpureus	16.5
Aira praecox	15.7	Cladonia floerkeana	15.0

*Constant species (occurrence frequencies)*

Corynephorus canescens	88.0	Rumex acetosella	64.0
Polytrichum piliferum	63.0	Spergula morisonii	53.0
Teesdalia nudicaulis	35.0	Cetraria aculeata	33.0
Agrostis capillaris	33.0	Jasione montana	30.0
Pilosella officinarum	29.0	Ceratodon purpureus	26.0
Hypochaeris radicata	23.0	Filago minima	22.0
Festuca ovina	22.0	Carex arenaria	19.0
Cladonia uncialis	18.0	Cladonia furcata	18.0
Agrostis vinealis	17.0	Pinus sylvestris	16.0
Cladonia cervicornis	15.0	Scleranthus perennis	14.0
Calluna vulgaris	14.0	Veronica dillenii	13.0
Cladonia glauca	13.0	Cladonia arbuscula	13.0
Thymus serpyllum	12.0	Ornithopus perpusillus	12.0
Erigeron canadensis	12.0	Cladonia gracilis	12.0
Cladonia foliacea	12.0	Aira praecox	12.0
Cladonia pyxidata	11.0	Cladonia mitis	11.0
Cladonia macilenta	11.0	Artemisia campestris	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Corynephorus canescens	43.0	Polytrichum piliferum	14.0
------------------------	------	-----------------------	------

**R1R - [E1A] Mediterranean to Atlantic open, dry, acid and neutral grassland**

*Diagnostic species (phi coefficient \* 100)*

Tuberaria guttata	65.4	Hypochaeris glabra	52.8
Filago gallica	43.6	Ornithopus compressus	42.6
Filago minima	42.2	Tolpis barbata	40.3
Plantago bellardii	37.7	Micropyrum tenellum	34.8
Vulpia bromoides	33.7	Rumex bucephalophorus	32.0
Aira caryophyllea	32.0	Trifolium cherleri	31.3
Aira cupaniana	31.3	Ornithopus pinnatus	30.6
Crassula tillaea	30.1	Trifolium glomeratum	29.9
Vulpia myuros	29.4	Galium divaricatum	29.0
Anthoxanthum aristatum	27.9	Anthyllis lotoides	27.8
Vulpia ciliata	27.7	Silene gallica	26.8
Molineriella laevis	26.7	Teesdalia coronopifolia	26.6
Asterolinon linum-stellatum	26.4	Moenchia erecta	25.5
Briza maxima	25.4	Linum trigynum	24.9
Filago carpetana	24.5	Psilurus incurvus	23.9
Arnoseris minima	23.9	Ornithopus perpusillus	23.6
Sedum arenarium	23.4	Linaria pelisseriana	23.4
Trifolium arvense	23.0	Coronilla repanda	22.9
Leontodon saxatilis	21.9	Trisetaria ovata	20.7
Crucianella angustifolia	20.2	Andryala integrifolia	19.8
Paronychia cymosa	19.7	Tolpis umbellata	19.5
Trifolium bocconeii	19.2	Juncus capitatus	19.0
Poa bulbosa	18.9	Lathyrus angulatus	18.8
Neoschischkinia truncatula	18.5	Linaria spartea	18.4
Teesdalia nudicaulis	18.2	Trifolium campestre	17.9
Sedum andegavense	17.8	Silene scabriflora	17.6
Sedum caespitosum	17.6	Trifolium angustifolium	17.5
Centaurium maritimum	17.5	Sagina apetala	17.4
Hispidella hispanica	17.3	Petrorhagia nanteuilii	16.9
Lotus parviflorus	16.1	Linaria elegans	15.7
Aira tenorei	15.7	Aira elegantissima	15.7
Vulpia muralis	15.6	Silene portensis	15.5
Romulea columnae	15.5		

*Constant species (occurrence frequencies)*

Tuberaria guttata	58.0	Hypochaeris glabra	42.0
Filago minima	35.0	Trifolium arvense	31.0
Ornithopus compressus	28.0	Aira caryophyllea	27.0
Trifolium campestre	26.0	Filago gallica	26.0
Poa bulbosa	25.0	Vulpia myuros	23.0
Vulpia bromoides	22.0	Leontodon saxatilis	21.0
Tolpis barbata	20.0	Rumex acetosella	20.0
Plantago bellardii	20.0	Rumex bucephalophorus	19.0

Micropyrum tenellum	19.0	Briza maxima	18.0
Vulpia ciliata	17.0	Ornithopus perpusillus	17.0
Trifolium cherleri	16.0	Jasione montana	16.0
Galium divaricatum	16.0	Asterolinon linum-stellatum	16.0
Trifolium glomeratum	15.0	Silene gallica	15.0
Erodium cicutarium	14.0	Crassula tillaea	14.0
Anthoxanthum aristatum	14.0	Teesdalia nudicaulis	13.0
Aira cupaniana	13.0	Psilurus incurvus	12.0
Ornithopus pinnatus	12.0	Arnoseris minima	12.0
Trifolium scabrum	11.0	Trifolium angustifolium	11.0
Sherardia arvensis	11.0	Plantago lanceolata	11.0
Plantago coronopus aggr.	11.0	Petrorragia prolifera	11.0
Linum trigynum	11.0	Anagallis arvensis	11.0
Aira praecox	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Tuberaria guttata	7.0
-------------------	-----

### **R1S - [E1B] Heavy-metal grassland in Western and Central Europe**

*Diagnostic species (phi coefficient \* 100)*

Armeria alpina subsp. halleri	91.1	Minuartia verna	50.2
Viola calaminaria	43.7	Arabidopsis halleri	43.0
Cladonia furcata	35.6	Noccaea caerulescens	34.8
Silene vulgaris	28.6	Weissia controversa	26.1
Ceratodon purpureus	25.3	Cladonia subulata	25.1
Poa badensis	22.4	Campanula rotundifolia	21.5
Cladonia chlorophaea	21.1	Bryum caespiticium	21.1
Cladonia macilenta	18.9	Cladonia pyxidata	18.8
Cladonia rangiformis	18.3	Cladonia foliacea	18.3
Viola guestphalica	17.9	Phascum curvicolle	17.8
Cladonia ciliata	17.3	Cornicularia normoerica	17.2
Pottia starkeana	17.1	Riccia ciliifera	17.0
Festuca ovina	17.0	Thymus pulegioides	15.5

*Constant species (occurrence frequencies)*

Armeria alpina subsp. halleri	84.0	Agrostis capillaris	52.0
Silene vulgaris	45.0	Minuartia verna	45.0
Rumex acetosa	42.0	Festuca ovina	42.0
Campanula rotundifolia	39.0	Cladonia furcata	35.0
Ceratodon purpureus	32.0	Plantago lanceolata	29.0
Arabidopsis halleri	29.0	Thymus pulegioides	26.0
Pimpinella saxifraga	26.0	Holcus lanatus	26.0
Rumex acetosella	23.0	Viola calaminaria	19.0
Achillea millefolium aggr.	19.0	Sedum acre	16.0
Ranunculus acris	16.0	Pseudoscleropodium purum	16.0
Polygala vulgaris	16.0	Poa pratensis aggr.	16.0



Hypnum cupressiforme	16.0	Festuca rubra	16.0
Cladonia pyxidata	16.0	Cladonia chlorophaea	16.0
Cerastium fontanum subsp. vulgare	16.0	Trifolium repens	13.0
Noccaea caerulescens	13.0	Potentilla erecta	13.0
Lotus corniculatus	13.0	Galium verum	13.0
Euphorbia cyparissias	13.0	Dianthus carthusianorum	13.0
Cladonia subulata	13.0	Cladonia rangiformis	13.0
Cladonia foliacea	13.0	Bryum caespitium	13.0
Avenella flexuosa	13.0	Anthoxanthum odoratum aggr.	13.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Festuca ovina	29.0	Armeria alpina subsp. halleri	26.0
Festuca rubra	6.0	Cladonia rangiformis	6.0
Arabidopsis halleri	6.0	Agrostis capillaris	6.0

**R1T - [E1F] Azorean open, dry, acid to neutral grassland**

*Diagnostic species (phi coefficient \* 100)*

Holcus rigidus	77.0	Agrostis congestiflora	63.1
Euphorbia azorica	63.0	Deschampsia foliosa	62.9
Luzula elegans	62.8	Brachypodium gaditanum	62.1
Agrostis castellana	48.6	Spergularia azorica	44.4
Festuca petraea	44.4	Carex hochstetterana	44.4
Vaccinium cylindraceum	44.2	Umbilicus gaditanus	44.2
Juniperus brevifolia	44.2	Huperzia dentata	44.2
Thymus caespitius	44.0	Centaurium scilloides	44.0
Asplenium marinum	42.8	Sibthorpia europaea	41.6
Sagina maritima	37.5	Lysimachia nemorum	32.6
Blechnum spicant	30.2	Erica scoparia	21.0
Rubia peregrina	19.4	Sphagnum palustre	18.3

*Constant species (occurrence frequencies)*

Holcus rigidus	60.0	Rubia peregrina	40.0
Lysimachia nemorum	40.0	Luzula elegans	40.0
Euphorbia azorica	40.0	Deschampsia foliosa	40.0
Brachypodium gaditanum	40.0	Blechnum spicant	40.0
Agrostis congestiflora	40.0	Agrostis castellana	40.0
Vaccinium cylindraceum	20.0	Umbilicus gaditanus	20.0
Thymus caespitius	20.0	Sphagnum palustre	20.0
Spergularia azorica	20.0	Sibthorpia europaea	20.0
Sagina maritima	20.0	Potentilla erecta	20.0
Plantago lanceolata	20.0	Lotus pedunculatus	20.0
Juniperus brevifolia	20.0	Juncus effusus	20.0
Huperzia dentata	20.0	Festuca petraea	20.0
Erica scoparia	20.0	Daucus carota	20.0
Clinopodium vulgare	20.0	Centaurium scilloides	20.0
Carex hochstetterana	20.0	Carex echinata	20.0

Asplenium marinum	20.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Holcus rigidus	20.0	Deschampsia foliosa	20.0
Brachypodium gaditanum	20.0		

#### **R21 - [E21] Mesic permanent pasture of lowlands and mountains**

<i>Diagnostic species (phi coefficient * 100)</i>			
Trifolium repens	24.5	Lolium perenne	22.3
Bellis perennis	20.1	Scorzoneroides autumnalis	19.8
Cerastium fontanum subsp. vulgare	16.9	Cynosurus cristatus	16.6
<i>Constant species (occurrence frequencies)</i>			
Trifolium repens	71.0	Plantago lanceolata	50.0
Festuca rubra	49.0	Lolium perenne	47.0
Agrostis capillaris	45.0	Cerastium fontanum subsp. vulgare	42.0
Achillea millefolium aggr.	40.0	Taraxacum sect. Taraxacum	39.0
Trifolium pratense	37.0	Poa pratensis aggr.	35.0
Ranunculus repens	34.0	Anthoxanthum odoratum aggr.	33.0
Scorzoneroides autumnalis	31.0	Holcus lanatus	31.0
Bellis perennis	31.0	Plantago major	30.0
Cynosurus cristatus	29.0	Lotus corniculatus	28.0
Agrostis stolonifera	28.0	Dactylis glomerata	26.0
Ranunculus acris	25.0	Prunella vulgaris	25.0
Poa trivialis	25.0	Hypochaeris radicata	24.0
Phleum pratense	21.0	Ochlopoa annua	21.0
Rumex acetosa	20.0	Schedonorus pratensis	19.0
Luzula campestris	14.0	Pilosella officinarum	12.0
Cirsium arvense	12.0	Veronica chamaedrys	11.0
Rumex acetosella	11.0	Rhytidadelphus squarrosus	11.0
Ranunculus bulbosus	11.0	Potentilla erecta	11.0
Elytrigia repens	11.0	Cardamine pratensis	11.0
Bromus hordeaceus	11.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Festuca rubra	14.0	Lolium perenne	13.0
Trifolium repens	10.0	Agrostis capillaris	10.0

#### **R22 - [E22] Low and medium altitude hay meadow**

<i>Diagnostic species (phi coefficient * 100)</i>			
Trisetum flavescens	24.9	Arrhenatherum elatius	21.7
Leucanthemum vulgare aggr.	20.7	Plantago lanceolata	20.0
Rumex acetosa	19.9	Trifolium pratense	19.6
Achillea millefolium aggr.	19.1	Crepis biennis	18.3

Festuca rubra	18.1	Cerastium fontanum subsp. vulgare	17.5
Ranunculus acris	17.2	Dactylis glomerata	16.7
Schedonorus pratensis	16.5	Poa pratensis aggr.	15.9
Avenula pubescens	15.6	Knautia arvensis	15.1
Holcus lanatus	15.1		
<i>Constant species (occurrence frequencies)</i>			
Plantago lanceolata	63.0	Dactylis glomerata	61.0
Achillea millefolium aggr.	60.0	Festuca rubra	59.0
Rumex acetosa	52.0	Trifolium pratense	51.0
Holcus lanatus	50.0	Anthoxanthum odoratum aggr.	50.0
Ranunculus acris	47.0	Poa pratensis aggr.	47.0
Cerastium fontanum subsp. vulgare	41.0	Arrhenatherum elatius	41.0
Agrostis capillaris	41.0	Trifolium repens	39.0
Veronica chamaedrys	38.0	Lotus corniculatus	38.0
Leucanthemum vulgare aggr.	38.0	Taraxacum sect. Taraxacum	35.0
Schedonorus pratensis	32.0	Galium mollugo aggr.	32.0
Trisetum flavescens	28.0	Lathyrus pratensis	27.0
Vicia cracca	26.0	Briza media	26.0
Centaurea jacea	25.0	Poa trivialis	24.0
Leontodon hispidus	24.0	Heracleum sphondylium	24.0
Luzula campestris	22.0	Prunella vulgaris	21.0
Knautia arvensis	21.0	Alopecurus pratensis	21.0
Stellaria graminea	20.0	Galium verum	20.0
Ranunculus repens	19.0	Daucus carota	19.0
Cynosurus cristatus	19.0	Pimpinella saxifraga	17.0
Lolium perenne	17.0	Medicago lupulina	16.0
Avenula pubescens	16.0	Potentilla erecta	15.0
Plantago media	15.0	Phleum pratense	15.0
Bromus hordeaceus	15.0	Ranunculus bulbosus	14.0
Hypochaeris radicata	14.0	Campanula patula	14.0
Bellis perennis	14.0	Rhinanthus minor	13.0
Elytrigia repens	13.0	Deschampsia cespitosa	13.0
Crepis biennis	13.0	Cirsium arvense	13.0
Anthriscus sylvestris	13.0	Tragopogon pratensis	12.0
Silene flos-cuculi	12.0	Hypericum perforatum	12.0
Trifolium dubium	11.0	Scorzoneroides autumnalis	11.0
Sanguisorba minor	11.0	Rhytidadelphus squarrosus	11.0
Pilosella officinarum	11.0	Equisetum arvense	11.0
Cardamine pratensis	11.0	Ajuga reptans	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Festuca rubra	14.0	Arrhenatherum elatius	12.0
Agrostis capillaris	8.0	Holcus lanatus	6.0

### R23 - [E23] Mountain hay meadow

*Diagnostic species (phi coefficient \* 100)*

Geranium sylvaticum aggr.	42.9	Phleum alpinum aggr.	35.6
Crepis pyrenaica	35.5	Meum athamanticum	34.1
Astrantia major	33.0	Trollius europaeus	30.8
Poa chaixii	29.2	Phyteuma orbiculare	26.0
Hypericum maculatum	26.0	Bistorta vivipara	25.9
Alchemilla vulgaris aggr.	25.8	Crepis mollis	25.5
Phyteuma spicatum	24.9	Crocus vernus	24.8
Arabidopsis halleri	23.7	Carex sempervirens	22.7
Phleum hirsutum	22.3	Rumex arifolius	21.4
Pimpinella major	21.2	Carlina acaulis	21.2
Campanula scheuchzeri	20.7	Potentilla aurea	20.6
Bistorta officinalis	20.4	Pedicularis foliosa	19.7
Scabiosa lucida	18.9	Anemonastrum narcissiflorum	18.5
Gentiana lutea	18.4	Galium pumilum	18.4
Rhinanthus alectorolophus	18.3	Leontodon hispidus	18.1
Leucanthemum vulgare aggr.	18.0	Traunsteinera globosa	17.1
Trifolium pratense	16.9	Pulsatilla alpina	16.9
		Ranunculus polyanthemus subsp. nemorosus	16.6
Carduus defloratus aggr.	16.7	Chaerophyllum villarsii	16.6
Narcissus poeticus	16.6	Gymnadenia conopsea	16.1
Anthoxanthum odoratum aggr.	16.3	Cyanus montanus	15.6
Thesium pyrenaicum	15.6	Silene vulgaris	15.5
Veratrum album	15.5	Carex ferruginea	15.2
Arnica montana	15.4	Trifolium badium	15.0
Alchemilla conjuncta aggr.	15.2		

*Constant species (occurrence frequencies)*

Geranium sylvaticum aggr.	62.0	Anthoxanthum odoratum aggr.	60.0
Festuca rubra	52.0	Trifolium pratense	51.0
Agrostis capillaris	50.0	Potentilla erecta	41.0
Leucanthemum vulgare aggr.	41.0	Dactylis glomerata	40.0
Lotus corniculatus	38.0	Leontodon hispidus	37.0
Hypericum maculatum	37.0	Achillea millefolium aggr.	37.0
Briza media	36.0	Phyteuma spicatum	35.0
Alchemilla vulgaris aggr.	34.0	Rumex acetosa	33.0
Ranunculus acris	33.0	Trollius europaeus	32.0
Bistorta vivipara	32.0	Veronica chamaedrys	31.0
Phleum alpinum aggr.	31.0	Deschampsia cespitosa	31.0
Bistorta officinalis	29.0	Astrantia major	29.0
Plantago lanceolata	27.0	Phyteuma orbiculare	27.0
Carlina acaulis	27.0	Nardus stricta	25.0
Helianthemum nummularium	25.0	Trisetum flavescens	24.0
Silene vulgaris	24.0	Poa chaixii	24.0
Pimpinella major	24.0	Carex sempervirens	24.0
Meum athamanticum	23.0	Galium pumilum	23.0
Trifolium repens	22.0	Heracleum sphondylium	21.0
Campanula scheuchzeri	21.0	Anthyllis vulneraria	21.0

Vaccinium myrtillus	19.0	Potentilla aurea	19.0
Luzula campestris	19.0	Lathyrus pratensis	19.0
Ranunculus polyanthemus subsp. nemorosus	18.0	Cerastium fontanum subsp. vulgare	18.0
Campanula rotundifolia	18.0	Avenella flexuosa	18.0
Taraxacum sect. Taraxacum	17.0	Rumex arifolius	17.0
Crepis pyrenaica	17.0	Vicia cracca	16.0
Trifolium montanum	16.0	Plantago media	16.0
Gymnadenia conopsea	16.0	Carduus defloratus aggr.	16.0
Veratrum album	15.0	Stellaria graminea	15.0
Primula elatior	15.0	Luzula luzuloides	15.0
Crocus vernus	15.0	Solidago virgaurea	14.0
Scabiosa lucida	14.0	Rhinanthus alectorolophus	14.0
Polygala vulgaris	14.0	Poa alpina	14.0
Chaerophyllum hirsutum	14.0	Gentiana lutea	14.0
Galium mollugo aggr.	14.0	Crepis mollis	14.0
Avenula pubescens	14.0	Ajuga reptans	14.0
Tragopogon pratensis	13.0	Linum catharticum	13.0
Laserpitium latifolium	13.0	Knautia arvensis	13.0
Arnica montana	13.0	Pulsatilla alpina	12.0
Prunella vulgaris	12.0	Poa pratensis aggr.	12.0
Luzula multiflora	12.0	Homogyne alpina	12.0
Hippocrepis comosa	12.0	Arabidopsis halleri	12.0
Vicia sepium	11.0	Sesleria caerulea	11.0
Sanguisorba minor	11.0	Rhinanthus minor	11.0
Geum montanum	11.0	Galium verum	11.0
Festuca nigrescens	11.0	Centaurea jacea	11.0
Carex montana	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Festuca rubra	8.0	Nardus stricta	6.0
Agrostis capillaris	6.0	Meum athamanticum	5.0
Geranium sylvaticum aggr.	5.0		

**R24 - [E24] Iberian summer pasture (vallicar)**

*Diagnostic species (phi coefficient \* 100)*

Festuca ampla	78.8	Agrostis castellana	75.5
Festuca rothmaleri	40.4	Trifolium strictum	35.9
Trifolium striatum	33.4	Anthoxanthum aristatum	32.8
Holcus annuus	31.7	Ranunculus ollissiponensis	31.3
Celtica gigantea	30.4	Chamaemelum nobile	30.2
Carex laevigata	28.9	Festuca elegans	27.6
Aira caryophyllea	27.3	Anacamptis coriophora	26.6
Euphrasia hirtella	26.4	Dianthus lusitanus	25.2
Scorzoneroides carpetana	24.3	Saxifraga fragosoi	24.3
Bartramia pomiformis	24.3	Hyacinthoides hispanica	23.6

Koeleria crassipes	23.4	Trifolium glomeratum	23.1
Sanguisorba verrucosa	22.8	Allium guttatum	22.8
Lotus glareosus	22.7	Parentucellia viscosa	21.7
Hypochaeris radicata	21.5	Ranunculus bulbosus	20.9
Serapias lingua	20.0	Iris filifolia	19.4
Massalongia carnosae	19.3	Marsupella sprucei	19.3
Coelocaulon crespoeae	19.3	Centaurea carratrancensis	19.3
Teucrium reverchonii	19.2	Sedum forsterianum	19.2
Dianthus legionensis	19.2	Armeria transmontana	19.2
Aquilegia nevadensis	19.1	Potentilla asturica	19.0
Scorzonera baetica	18.9	Elaeoselinum meoides	18.8
Echium flavum	18.8	Armeria eriophylla	18.8
Echium plantagineum	18.6	Trifolium cernuum	18.5
Centaurea castellana	18.4	Carum verticillatum	18.4
Sedum lagascae	18.3	Ranunculus granatensis	18.0
Thymus bracteatus	17.9	Linum bienne	17.9
Paradisea lusitanica	17.7	Trifolium angustifolium	17.5
Festuca arvernensis subsp. costei	17.4	Sedum brevifolium	17.3
Carduus pycnocephalus	17.1	Phalacrocarpum oppositifolium	17.0
Rhinanthus minor	16.7	Odontarrhena serpyllifolia	16.6
Genista hystrix	16.6	Cistus ladanifer	16.6
Achillea tomentosa	16.6	Trifolium sylvaticum	16.5
Taeniatherum caput-medusae	16.4	Peltigera malacea	16.4
Genista micrantha	16.4	Bryum alpinum	16.4
Juncus squarrosus	16.3	Festuca summilusitana	16.1
Anthoxanthum ovatum	16.1	Cladonia merochlorophaea	15.9
Micropyrum tenellum	15.8	Leontodon saxatilis	15.8
Phalaris paradoxa	15.7	Cetraria muricata	15.5
Wahlenbergia hederacea	15.4	Pilosella castellana	15.4
Vulpia myuros	15.3	Sedum arenarium	15.3
Helictochloa marginata	15.3	Vulpia geniculata	15.2
Festuca rivis-martinezii	15.1	Arenaria querioides	15.1
<i>Constant species (occurrence frequencies)</i>			
Agrostis castellana	77.0	Festuca ampla	65.0
Plantago lanceolata	50.0	Holcus lanatus	46.0
Hypochaeris radicata	42.0	Trifolium pratense	35.0
Ranunculus bulbosus	35.0	Pilosella officinarum	31.0
Trifolium striatum	27.0	Trifolium repens	27.0
Nardus stricta	27.0	Galium verum	27.0
Rhinanthus minor	23.0	Festuca rothmaleri	23.0
Daucus carota	23.0	Cynosurus cristatus	23.0
Aira caryophylla	23.0	Trifolium strictum	19.0
Dactylis glomerata	19.0	Anthoxanthum aristatum	19.0
Trifolium dubium	15.0	Trifolium campestre	15.0
Sanguisorba minor	15.0	Prunella vulgaris	15.0
Poa bulbosa	15.0	Luzula multiflora	15.0
Leontodon saxatilis	15.0	Juncus squarrosus	15.0

Chamaemelum nobile	15.0	Eryngium campestre	15.0
Danthonia decumbens	15.0	Carum verticillatum	15.0
Carex laevigata	15.0	Arrhenatherum elatius	15.0
Anthoxanthum odoratum aggr.	15.0	Achillea millefolium aggr.	15.0
Vulpia myuros	12.0	Trifolium glomeratum	12.0
Trifolium angustifolium	12.0	Sanguisorba verrucosa	12.0
Ranunculus ollissiponensis	12.0	Potentilla erecta	12.0
Linum bienne	12.0	Juncus acutiflorus	12.0
Jasione montana	12.0	Holcus annuus	12.0
Festuca elegans	12.0	Euphrasia hirtella	12.0
Dactylorhiza maculata	12.0	Convolvulus arvensis	12.0
Celtica gigantea	12.0	Bromus hordeaceus	12.0
Briza media	12.0	Anacamptis coriophora	12.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Agrostis castellana	38.0	Festuca ampla	31.0
Nardus stricta	12.0	Celtica gigantea	12.0
Saxifraga fragosoi	8.0	Poa bulbosa	8.0
Holcus lanatus	8.0		

**R31 - [E31a] Mediterranean tall humid inland grassland**

*Diagnostic species (phi coefficient \* 100)*

Scirpoides holoschoenus	54.8	Sonchus maritimus	41.0
Cirsium monspessulanum	39.9	Dittrichia viscosa	37.5
Schoenus nigricans	36.4	Lysimachia ephemereum	31.5
Carex mairei	30.6	Juncus acutus	29.9
Juncus maritimus	29.3	Lotus maritimus	28.1
Cirsium pyrenaicum	27.8	Linum maritimum	25.1
Pulicaria dysenterica	24.9	Samolus valerandi	23.7
Dorycnium rectum	23.5	Tripidium ravennae	23.4
Dactylorhiza elata	21.1	Hypericum caprifolium	20.7
Imperata cylindrica	20.6	Oenanthe lachenalii	20.5
Blackstonia perfoliata	20.1	Juncus inflexus	19.8
Equisetum ramosissimum	18.1	Plantago crassifolia	16.7
Cyperus eragrostis	16.1		

*Constant species (occurrence frequencies)*

Scirpoides holoschoenus	55.0	Schoenus nigricans	32.0
Agrostis stolonifera	32.0	Dittrichia viscosa	30.0
Molinia caerulea aggr.	24.0	Sonchus maritimus	22.0
Juncus inflexus	22.0	Pulicaria dysenterica	20.0
Phragmites australis	19.0	Juncus maritimus	19.0
Holcus lanatus	19.0	Cirsium monspessulanum	19.0
Carex flacca	19.0	Schedonorus arundinaceus	16.0
Lotus maritimus	16.0	Samolus valerandi	15.0
Mentha longifolia	15.0	Lythrum salicaria	15.0

Juncus acutus	15.0	Blackstonia perfoliata	15.0
Potentilla reptans	14.0	Juncus articulatus	14.0
Brachypodium phoenicoides	14.0	Prunella vulgaris	13.0
Trifolium pratense	12.0	Equisetum ramosissimum	12.0
Oenanthe lachenalii	11.0	Lysimachia ephemerum	11.0
Eupatorium cannabinum	11.0	Cirsium pyrenaicum	11.0
Carex mairei	11.0	Carex distans	11.0
Briza media	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Schoenus nigricans	17.0	Scirpoides holoschoenus	17.0
Molinia caerulea aggr.	14.0	Juncus inflexus	8.0

**R32 - [E32a] Mediterranean short moist grassland of lowlands**

*Diagnostic species (phi coefficient \* 100)*

Deschampsia media	86.0	Prunella hyssopifolia	69.8
Plantago maritima subsp. serpentina	55.5	Jasonia tuberosa	52.5
Leontodon hirtus	49.0	Lotus tenuis	47.3
Centaurium pulchellum	38.1	Scilla litardierei	26.3
Linum suffruticosum aggr.	24.4	Schoenus nigricans	24.3
Leucanthemum pallens	23.9	Carex flacca	23.5
Trifolium lappaceum	23.3	Brachypodium phoenicoides	22.0
Thymelaea passerina	21.5	Fumana ericifolia	18.9
Koeleria vallesiana	18.7	Hypericum tomentosum	18.7
Centaurea jacea	18.6	Sisymbrella aspera	18.3
Peucedanum coriaceum	18.0	Centaurea jacea subsp. vinyalsii	17.6
Anacamptis palustris aggr.	16.3	Blackstonia perfoliata	15.1

*Constant species (occurrence frequencies)*

Deschampsia media	76.0	Carex flacca	59.0
Prunella hyssopifolia	52.0	Plantago maritima subsp. serpentina	47.0
Lotus tenuis	41.0	Centaurea jacea	37.0
Agrostis stolonifera	32.0	Jasonia tuberosa	31.0
Leontodon hirtus	29.0	Centaurium pulchellum	25.0
Lotus corniculatus	23.0	Brachypodium phoenicoides	21.0
Schoenus nigricans	20.0	Briza media	20.0
Koeleria vallesiana	19.0	Pilosella officinarum	17.0
Linum suffruticosum aggr.	17.0	Sanguisorba minor	16.0
Juncus articulatus	16.0	Cichorium intybus	16.0
Thymus serpyllum	15.0	Festuca ovina	15.0
Potentilla tabernaemontani	13.0	Potentilla reptans	13.0
Dorycnium pentaphyllum	13.0	Bromopsis erecta	13.0
Linum catharticum	12.0	Genista scorpius	12.0
Festuca pallens	12.0	Daucus carota	12.0
Juncus bufonius	11.0	Deschampsia cespitosa	11.0
Carex distans	11.0	Blackstonia perfoliata	11.0



Asperula cynanchica 11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Deschampsia media	56.0	Prunella hyssopifolia	19.0
Plantago maritima subsp. serpentina	15.0	Jasonia tuberosa	8.0
Carex flacca	7.0		

**R33 - [E32b] Mediterranean short moist grassland of mountains**

*Diagnostic species (phi coefficient \* 100)*

Festuca rothmaleri	63.0	Festuca iberica	50.8
Narcissus bulbocodium	48.5	Juncus squarrosus	38.6
Nardus stricta	38.3	Scorzoneroides carpetana	36.3
Campanula herminii	35.4	Carum verticillatum	35.3
Agrostis castellana	32.1	Jasione laevis	30.4
Ranunculus bulbosus	27.4	Pedicularis sylvatica	27.4
Festuca microphylla	23.3	Scorzoneroides microcephala	18.8
Euphrasia hirtella	18.5	Carex leporina	18.5
Anthoxanthum aristatum	18.4	Lotus glareosus	18.3
Ranunculus abnormis	17.0	Danthonia decumbens	16.9
Sagina saginoides	15.7	Genista anglica	15.7
Juncus acutiflorus	15.5	Plantago nivalis	15.4
Galium saxatile	15.2	Agrostis nevadensis	15.2

*Constant species (occurrence frequencies)*

Nardus stricta	80.0	Ranunculus bulbosus	46.0
Festuca rothmaleri	46.0	Juncus squarrosus	40.0
Potentilla erecta	39.0	Trifolium repens	38.0
Anthoxanthum odoratum aggr.	34.0	Carum verticillatum	32.0
Trifolium pratense	28.0	Pilosella officinarum	28.0
Holcus lanatus	28.0	Festuca iberica	28.0
Danthonia decumbens	28.0	Narcissus bulbocodium	26.0
Luzula campestris	26.0	Cynosurus cristatus	24.0
Carex leporina	24.0	Pedicularis sylvatica	22.0
Galium saxatile	22.0	Agrostis castellana	22.0
Hypochaeris radicata	20.0	Juncus acutiflorus	19.0
Briza media	19.0	Lotus pedunculatus	18.0
Jasione laevis	16.0	Lotus corniculatus	15.0
Scorzoneroides carpetana	14.0	Plantago lanceolata	14.0
Galium verum	14.0	Carex caryophyllea	14.0
Campanula herminii	14.0	Agrostis capillaris	13.0
Luzula multiflora	12.0	Juncus effusus	12.0
Deschampsia cespitosa	12.0	Calluna vulgaris	12.0
Prunella vulgaris	11.0	Carex nigra	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Nardus stricta	56.0	Festuca rothmaleri	12.0
----------------	------	--------------------	------

Juncus squarrosus	8.0	Juncus acutiflorus	7.0
Festuca iberica	6.0	Cynosurus cristatus	6.0

### R34 - [E33] Submediterranean moist meadow

#### *Diagnostic species (phi coefficient \* 100)*

Alopecurus rendlei	67.6	Trifolium resupinatum	59.2
Moenchia mantica	59.0	Trifolium patens	55.3
Crepis setosa	51.8	Bromus racemosus	43.7
Trifolium pallidum	41.4	Bromus commutatus	41.4
Ranunculus sardous	40.3	Ranunculus velutinus	38.4
Oenanthe silaifolia	36.9	Trifolium michelianum	34.1
Hordeum secalinum	32.4	Anacamptis palustris aggr.	28.9
Trifolium fragiferum	28.5	Hordeum geniculatum	28.0
Galium debile	27.9	Gratiola officinalis	27.4
Rhinanthus rumelicus	25.9	Schedonorus pratensis	22.4
Oenanthe banatica	22.4	Cichorium intybus	22.4
Carex cuprina	22.2	Carex distans	22.1
Potentilla reptans	21.8	Cirsium canum	21.3
Scilla litardierei	21.2	Lolium perenne	20.5
Medicago arabica	20.2	Rorippa pyrenaica	20.1
Alopecurus pratensis	20.1	Trifolium hybridum	19.7
Trifolium incarnatum	19.2	Cynosurus cristatus	18.8
Trifolium striatum	18.6	Trifolium nigrescens	18.6
Tragopogon pratensis	18.6	Poa trivialis	18.0
Scutellaria hastifolia	17.8	Plantago lanceolata	17.7
Rorippa sylvestris	17.3	Trifolium pratense	17.0
Clematis integrifolia	17.0	Rorippa lippizensis	16.9
Leucojum aestivum	16.6	Trifolium cinctum	16.2
Rumex crispus	16.2	Lotus tenuis	16.1
Carex hirta	15.9	Podospermum laciniatum	15.7
Cynodon dactylon	15.6	Ranunculus neapolitanus	15.4
Mentha pulegium	15.2	Trigonella procumbens	15.0

#### *Constant species (occurrence frequencies)*

Plantago lanceolata	65.0	Poa trivialis	59.0
Trifolium pratense	52.0	Schedonorus pratensis	50.0
Lolium perenne	49.0	Alopecurus rendlei	48.0
Moenchia mantica	46.0	Trifolium repens	45.0
Lotus corniculatus	45.0	Trifolium resupinatum	43.0
Trifolium patens	43.0	Anthoxanthum odoratum aggr.	42.0
Alopecurus pratensis	42.0	Crepis setosa	41.0
Taraxacum sect. Taraxacum	38.0	Poa pratensis aggr.	38.0
Bromus racemosus	38.0	Ranunculus acris	37.0
Potentilla reptans	37.0	Cynosurus cristatus	37.0
Ranunculus sardous	35.0	Silene flos-cuculi	32.0
Rumex crispus	29.0	Leucanthemum vulgare aggr.	27.0

Convolvulus arvensis	27.0	Cichorium intybus	26.0
Carex hirta	26.0	Bromus commutatus	26.0
Achillea millefolium aggr.	26.0	Trifolium fragiferum	24.0
Ranunculus repens	23.0	Oenanthe silaifolia	23.0
Elytrigia repens	23.0	Tragopogon pratensis	22.0
Galium verum	22.0	Daucus carota	22.0
Rumex acetosa	21.0	Prunella vulgaris	21.0
Trifolium pallidum	20.0	Hordeum secalinum	20.0
Trifolium hybridum	19.0	Gratiola officinalis	19.0
Cynodon dactylon	19.0	Lysimachia nummularia	18.0
Rorippa sylvestris	17.0	Ranunculus velutinus	17.0
Carex distans	17.0	Agrostis stolonifera	17.0
Trifolium dubium	16.0	Rhinanthus rumelicus	16.0
Centaurea jacea	16.0	Anacamptis palustris aggr.	16.0
Lathyrus pratensis	15.0	Holcus lanatus	15.0
Cirsium canum	15.0	Carex cuprina	15.0
Bromus hordeaceus	15.0	Trifolium michelianum	14.0
Rhinanthus minor	14.0	Trifolium striatum	13.0
Trifolium campestre	12.0	Rumex acetosella	12.0
Plantago major	12.0	Ononis spinosa	12.0
Medicago lupulina	12.0	Hypochaeris radicata	12.0
Hordeum geniculatum	12.0	Galium debile	12.0
Verbena officinalis	11.0	Trifolium incarnatum	11.0
Ranunculus polyanthemus	11.0	Mentha pulegium	11.0
Lythrum salicaria	11.0	Lotus tenuis	11.0
Filipendula vulgaris	11.0	Carex vulpina	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Poa trivialis	19.0	Alopecurus rendlei	13.0
Trifolium patens	8.0	Bromus racemosus	8.0
Hordeum secalinum	7.0	Alopecurus pratensis	7.0
Trifolium resupinatum	6.0	Schedonorus pratensis	6.0

**R35 - [E34a] Moist or wet mesotrophic to eutrophic hay meadow**

*Diagnostic species (phi coefficient \* 100)*

Scirpus sylvaticus	23.0	Silene flos-cuculi	21.4
Lotus pedunculatus	19.8	Filipendula ulmaria	19.4
Caltha palustris	19.0	Galium uliginosum	18.1
Equisetum palustre	17.8	Juncus effusus	17.7
Cirsium palustre	16.5	Cardamine pratensis	15.1

*Constant species (occurrence frequencies)*

Holcus lanatus	48.0	Filipendula ulmaria	48.0
Juncus effusus	44.0	Ranunculus acris	42.0
Ranunculus repens	41.0	Silene flos-cuculi	40.0
Deschampsia cespitosa	40.0	Caltha palustris	40.0

Rumex acetosa	38.0	Galium palustre	36.0
Equisetum palustre	36.0	Cirsium palustre	35.0
Poa trivialis	34.0	Cardamine pratensis	33.0
Lotus pedunculatus	32.0	Lathyrus pratensis	31.0
Scirpus sylvaticus	30.0	Agrostis stolonifera	30.0
Galium uliginosum	28.0	Festuca rubra	28.0
Carex nigra	28.0	Lysimachia vulgaris	27.0
Alopecurus pratensis	27.0	Anthoxanthum odoratum aggr.	26.0
Angelica sylvestris	26.0	Lythrum salicaria	23.0
Myosotis scorpioides	22.0	Carex panicea	21.0
Poa pratensis aggr.	20.0	Lysimachia nummularia	20.0
Calliergonella cuspidata	20.0	Potentilla erecta	19.0
Bistorta officinalis	19.0	Schedonorus pratensis	18.0
Vicia cracca	17.0	Sanguisorba officinalis	17.0
Juncus conglomeratus	17.0	Crepis paludosa	16.0
Cirsium oleraceum	16.0	Ranunculus flammula	15.0
Geum rivale	15.0	Cerastium fontanum subsp. vulgare	15.0
Agrostis canina	14.0	Trifolium repens	13.0
Mentha aquatica	13.0	Epilobium palustre	13.0
Carex acuta	13.0	Valeriana dioica	12.0
Plantago lanceolata	12.0	Juncus articulatus	12.0
Trifolium pratense	11.0	Stellaria graminea	11.0
Ranunculus auricomus aggr.	11.0	Prunella vulgaris	11.0
Molinia caerulea aggr.	11.0	Juncus acutiflorus	11.0
Equisetum fluviatile	11.0	Cirsium rivulare	11.0
Ajuga reptans	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Scirpus sylvaticus	10.0	Filipendula ulmaria	10.0
Juncus effusus	9.0		

**R36 - [E34b] Moist or wet mesotrophic to eutrophic pasture**

*Diagnostic species (phi coefficient \* 100)*

Argentina anserina	26.1	Alopecurus geniculatus	23.1
Agrostis stolonifera	21.2	Juncus articulatus	18.9
Juncus inflexus	18.6	Plantago major	17.4
Ranunculus repens	16.6	Rumex crispus	16.2
Juncus compressus	15.1		

*Constant species (occurrence frequencies)*

Agrostis stolonifera	65.0	Ranunculus repens	58.0
Trifolium repens	42.0	Argentina anserina	42.0
Plantago major	38.0	Poa trivialis	34.0
Juncus articulatus	34.0	Rumex crispus	27.0
Alopecurus geniculatus	26.0	Juncus effusus	24.0
Lolium perenne	23.0	Holcus lanatus	22.0

Potentilla reptans	20.0	Galium palustre	20.0
Carex hirta	20.0	Juncus inflexus	19.0
Ranunculus flammula	16.0	Glyceria fluitans	16.0
Eleocharis palustris	16.0	Ochlopoa annua	15.0
Taraxacum sect. Taraxacum	14.0	Cardamine pratensis	14.0
Rorippa sylvestris	13.0	Phalaroides arundinacea	13.0
Mentha aquatica	13.0	Lythrum salicaria	13.0
Elytrigia repens	13.0	Schedonorus arundinaceus	12.0
Scorzoneroides autumnalis	11.0	Plantago lanceolata	11.0
Cirsium arvense	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Agrostis stolonifera	21.0	Argentina anserina	11.0
Juncus inflexus	7.0	Ranunculus repens	6.0
Alopecurus geniculatus	6.0		

**R37 - [E35] Temperate and boreal moist or wet oligotrophic grassland**

*Diagnostic species (phi coefficient \* 100)*

Succisa pratensis	35.8	Carex panicea	31.2
Potentilla erecta	26.4	Molinia caerulea aggr.	25.0
Cirsium dissectum	22.2	Selinum carvifolia	18.6
Sanguisorba officinalis	17.9	Scorzonera humilis	17.6
Carex pulicaris	17.3	Gentiana pneumonanthe	16.2
Galium uliginosum	16.1	Luzula multiflora	15.0
Galium boreale	15.0		

*Constant species (occurrence frequencies)*

Potentilla erecta	85.0	Molinia caerulea aggr.	76.0
Carex panicea	68.0	Succisa pratensis	64.0
Anthoxanthum odoratum aggr.	51.0	Holcus lanatus	45.0
Ranunculus acris	39.0	Festuca rubra	38.0
Briza media	36.0	Cirsium palustre	32.0
Galium uliginosum	28.0	Carex nigra	28.0
Sanguisorba officinalis	26.0	Filipendula ulmaria	24.0
Agrostis canina	24.0	Luzula multiflora	23.0
Calliergonella cuspidata	22.0	Rumex acetosa	21.0
Plantago lanceolata	21.0	Lotus pedunculatus	21.0
Deschampsia cespitosa	21.0	Carex flacca	21.0
Prunella vulgaris	20.0	Nardus stricta	20.0
Agrostis capillaris	20.0	Rhytiadelphus squarrosus	19.0
Lysimachia vulgaris	19.0	Danthonia decumbens	19.0
Agrostis stolonifera	19.0	Valeriana dioica	18.0
Juncus conglomeratus	18.0	Equisetum palustre	18.0
Centaurea jacea	18.0	Angelica sylvestris	18.0
Vicia cracca	17.0	Stachys officinalis	17.0
Lotus corniculatus	16.0	Galium boreale	16.0

Carex pallescens	16.0	Carex echinata	16.0
Achillea millefolium aggr.	16.0	Silene flos-cuculi	15.0
Selinum carvifolia	15.0	Lathyrus pratensis	15.0
Juncus effusus	15.0	Serratula tinctoria	14.0
Scorzonera humilis	14.0	Luzula campestris	14.0
Galium palustre	14.0	Cirsium dissectum	14.0
Cardamine pratensis	14.0	Viola palustris	13.0
Phragmites australis	13.0	Lythrum salicaria	13.0
Juncus acutiflorus	13.0	Climacium dendroides	13.0
Carex pulicaris	13.0	Calluna vulgaris	13.0
Trifolium pratense	12.0	Ranunculus flammula	12.0
Pseudoscleropodium purum	12.0	Juncus subnodulosus	12.0
Poa pratensis aggr.	11.0	Mentha aquatica	11.0
Juncus articulatus	11.0	Galium verum	11.0
Festuca ovina	11.0	Carex hostiana	11.0
Aulacomnium palustre	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Molinia caerulea aggr.	45.0	Carex panicea	11.0
Succisa pratensis	6.0		

**R41 - [E41] Snow-bed vegetation**

*Diagnostic species (phi coefficient \* 100)*

Saxifraga oppositifolia	45.0	Salix herbacea	41.6
Hornungia alpina	38.7	Veronica alpina	35.6
Sibbaldia procumbens	34.2	Gnaphalium supinum	33.3
Bistorta vivipara	32.3	Saxifraga androsacea	31.6
Poa alpina	31.5	Silene acaulis	31.2
Ranunculus alpestris	29.4	Salix polaris	29.1
Luzula alpinopilosa	28.5	Oxyria digyna	27.8
Ranunculus glacialis	27.3	Taraxacum sect. Alpina	25.8
Achillea atrata	24.1	Saxifraga cernua	22.8
Saxifraga moschata	22.6	Cerastium cerastoides	22.4
Saxifraga stellaris	22.3	Polytrichastrum alpinum	21.8
Ranunculus crenatus	21.6	Potentilla brauneana	20.6
Arabis alpina	20.6	Polytrichastrum sexangulare	20.3
Carex pyrenaica	19.8	Cardamine alpina	19.7
Minuartia sedoides	19.4	Linaria alpina	19.2
Cerastium uniflorum	19.0	Saxifraga bryoides	18.5
Gnaphalium hoppeanum	18.5	Leucanthemopsis alpina	18.4
Gentiana bavarica	18.0	Cerastium latifolium	17.8
Soldanella pusilla	17.7	Noccaea cepaeifolia	17.7
Anthelia juratzkana	17.7	Moehringia ciliata	17.6
Ligusticum mutellina	17.6	Geum reptans	17.5
Carex atrata	17.5	Alchemilla fissa	17.5
Festuca glacialis	17.4	Carex bigelowii	17.1

Soldanella alpina	16.9	Poa minor	16.9
Poa arctica	16.7	Poa laxa	16.6
Myosotis alpestris	16.6	Ranunculus sulphureus	16.5
Salix retusa	16.3	Luzula confusa	16.3
Doronicum clusii	16.3	Aulacomnium turgidum	16.3
Achillea nana	16.3	Cirsium spinosissimum	16.2
Alopecurus magellanicus	15.7	Thamnolia vermicularis	15.6
Sagina saginoides	15.5	Juncus biglumis	15.5
Primula minima	15.4	Arabis caerulea	15.4
Salix reticulata	15.3	Veronica aphylla	15.2
Saxifraga sedoides	15.1	Alchemilla pentaphyllea	15.1
Trisetum spicatum	15.0		

*Constant species (occurrence frequencies)*

Bistorta vivipara	41.0	Poa alpina	38.0
Saxifraga oppositifolia	33.0	Salix herbacea	29.0
Silene acaulis	24.0	Hornungia alpina	22.0
Veronica alpina	19.0	Gnaphalium supinum	19.0
Sibbaldia procumbens	17.0	Luzula alpinopilosa	16.0
Ranunculus alpestris	15.0	Saxifraga stellaris	14.0
Salix polaris	13.0	Oxyria digyna	13.0
Ligusticum mutellina	13.0	Soldanella alpina	12.0
Saxifraga androsacea	12.0	Polytrichastrum alpinum	12.0
Cetraria islandica	12.0	Arabis alpina	12.0
Myosotis alpestris	11.0	Deschampsia cespitosa	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

**R42 - [E43a] Boreal and arctic acidophilous alpine grassland**

*Diagnostic species (phi coefficient \* 100)*

Carex bigelowii	59.3	Sibbaldia procumbens	53.1
Bistorta vivipara	51.6	Alchemilla alpina	47.8
Thalictrum alpinum	47.0	Polytrichastrum alpinum	37.2
Salix herbacea	36.8	Cassiope tetragona	36.5
Silene acaulis	34.9	Cerastium alpinum	32.4
Gnaphalium supinum	31.4	Carex rupestris	31.3
Juncus trifidus	30.5	Saxifraga oppositifolia	30.1
Drepanocladus uncinatus	29.5	Saussurea alpina aggr.	29.0
Euphrasia frigida	26.0	Selaginella selaginoides	25.8
Carex brunnescens	25.8	Salix reticulata	25.2
Luzula spicata	25.1	Tofieldia pusilla	25.0
Euphrasia officinalis aggr.	24.7	Festuca vivipara	24.5
Taraxacum croceum	24.1	Oligotrichum hercynicum	23.9
Astragalus alpinus	23.6	Veronica alpina	23.5
Racomitrium lanuginosum	23.5	Pogonatum urnigerum	23.4
Phyllodoce caerulea	22.8	Hypnum hamulosum	21.8

Cassiope hypnoides	21.6	Carex vaginata	21.5
Epilobium anagallidifolium	21.4	Agrostis mertensii	21.2
Nardia scalaris	21.0	Gymnomitrium concinnatum	21.0
Alchemilla filicaulis	20.9	Salix polaris	20.5
Pinguicula alpina	20.3	Lycopodium alpinum	19.4
Cetraria islandica	19.2	Antennaria alpina	18.6
Racomitrium fasciculare	18.4	Alchemilla glomerulans	18.4
Ochrolechia frigida	18.2	Potentilla crantzii	18.1
Hypnum callichroum	17.6	Vahlodea atropurpurea	17.5
Rhododendron lapponicum	17.2	Racomitrium canescens	17.1
Huperzia selago	17.1	Lophozia sudetica	16.5
Aulacomnium turgidum	16.5	Thymus praecox	16.4
Hieracium alpinum	16.4	Kiaeria starkei	16.1
Ptilidium ciliare	16.0	Dryas octopetala	15.9
Equisetum scirpoides	15.6	Alectoria nigricans	15.6
Hylocomiastrum pyrenaicum	15.3	Carex lachenalii	15.0
<i>Constant species (occurrence frequencies)</i>			
Bistorta vivipara	72.0	Carex bigelowii	53.0
Anthoxanthum odoratum aggr.	45.0	Alchemilla alpina	39.0
Sibbaldia procumbens	36.0	Avenella flexuosa	36.0
Thalictrum alpinum	34.0	Nardus stricta	32.0
Festuca ovina	29.0	Deschampsia cespitosa	29.0
Agrostis capillaris	29.0	Silene acaulis	28.0
Salix herbacea	26.0	Vaccinium myrtillus	25.0
Selaginella selaginoides	25.0	Polytrichastrum alpinum	25.0
Hylocomium splendens	25.0	Thymus praecox	23.0
Juncus trifidus	23.0	Empetrum nigrum aggr.	23.0
Saxifraga oppositifolia	21.0	Solidago virgaurea	20.0
Ranunculus acris	20.0	Galium saxatile	20.0
Cetraria islandica	20.0	Racomitrium lanuginosum	19.0
Gnaphalium supinum	19.0	Rumex acetosa	18.0
Luzula multiflora	18.0	Saussurea alpina aggr.	17.0
Dicranum scoparium	17.0	Viola palustris	16.0
Rhytidiadelphus squarrosus	16.0	Pleurozium schreberi	16.0
Luzula spicata	16.0	Festuca vivipara	16.0
Drepanocladus uncinatus	16.0	Cerastium alpinum	16.0
Cassiope tetragona	16.0	Campanula rotundifolia	16.0
Viola biflora	15.0	Vaccinium vitis-idaea	15.0
Huperzia selago	15.0	Euphrasia officinalis aggr.	15.0
Carex rupestris	15.0	Salix reticulata	14.0
Potentilla erecta	14.0	Tofieldia pusilla	13.0
Rhytidiadelphus loreus	13.0	Ptilidium ciliare	13.0
Festuca rubra	13.0	Cladonia uncialis	13.0
Armeria maritima	13.0	Antennaria dioica	13.0
Agrostis canina	13.0	Veronica alpina	12.0
Trollius europaeus	12.0	Trientalis europaea	12.0
Racomitrium canescens	12.0	Potentilla crantzii	12.0



Dryas octopetala	12.0	Vaccinium uliginosum	11.0
Poa alpina	11.0	Pinguicula alpina	11.0
Euphrasia frigida	11.0	Carex vaginata	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Nardus stricta	8.0	Racomitrium lanuginosum	6.0
Festuca ovina	5.0		

**R43 - [E43b] Temperate acidophilous alpine grassland**

*Diagnostic species (phi coefficient \* 100)*

Agrostis rupestris	41.0	Geum montanum	40.9
Helictochloa versicolor	37.8	Potentilla aurea	37.1
Trifolium alpinum	36.8	Carex curvula	36.6
Phyteuma hemisphaericum	31.9	Festuca airoides	31.2
Juncus trifidus	30.0	Luzula spicata	29.3
Euphrasia minima	27.5	Leucanthemopsis alpina	26.7
Oreochloa disticha	26.4	Ligusticum mutellina	26.1
Primula minima	25.5	Scorzoneroides helvetica	25.3
Veronica bellidioides	25.2	Hieracium alpinum	25.1
Bellardiochloa variegata	24.8	Poa alpina	23.8
Carex sempervirens	23.2	Minuartia sedoides	23.1
Gentiana acaulis	23.1	Gnaphalium supinum	22.9
Scorzoneroides pyrenaica	22.7	Nardus stricta	22.0
Campanula scheuchzeri	21.6	Campanula alpina	21.2
Festuca halleri	20.9	Pulsatilla alpina	20.2
Ranunculus pyrenaicus	20.0	Homogyne alpina	20.0
Festuca eskia	19.8	Hieracium piliferum	19.6
Luzula lutea	19.0	Silene acaulis	18.8
Gentiana alpina	18.6	Sempervivum montanum	18.5
Minuartia recurva	18.4	Soldanella pusilla	17.8
Ligusticum mutellinoides	17.3	Pulsatilla vernalis	17.2
Plantago alpina	17.1	Phyteuma globulariifolium	16.9
Erigeron uniflorus	16.4	Luzula pediformis	16.2
Jacobaea carniolica	15.7	Campanula barbata	15.7
Lotus alpinus	15.5	Antennaria carpatica	15.3
Sedum alpestre	15.0	Gentiana punctata	15.0

*Constant species (occurrence frequencies)*

Nardus stricta	45.0	Potentilla aurea	35.0
Geum montanum	34.0	Anthoxanthum odoratum aggr.	33.0
Agrostis rupestris	28.0	Vaccinium myrtillus	27.0
Poa alpina	27.0	Homogyne alpina	26.0
Helictochloa versicolor	26.0	Carex sempervirens	25.0
Avenella flexuosa	25.0	Trifolium alpinum	22.0
Campanula scheuchzeri	22.0	Juncus trifidus	21.0
Ligusticum mutellina	20.0	Carex curvula	19.0

Phyteuma hemisphaericum	17.0	Luzula spicata	17.0
Festuca airoides	17.0	Bistorta vivipara	17.0
Vaccinium vitis-idaea	16.0	Vaccinium uliginosum	16.0
Euphrasia minima	16.0	Scorzoneroides helvetica	14.0
Pulsatilla alpina	14.0	Gentiana acaulis	14.0
Festuca rubra	14.0	Antennaria dioica	14.0
Silene acaulis	13.0	Lotus corniculatus	13.0
Leucanthemopsis alpina	13.0	Festuca nigrescens	13.0
Trifolium pratense	12.0	Scorzoneroides pyrenaica	12.0
Primula minima	12.0	Gnaphalium supinum	12.0
Calluna vulgaris	12.0	Bellardiochloa variegata	12.0
Potentilla erecta	11.0	Phleum alpinum aggr.	11.0
Oreochloa disticha	11.0	Hieracium alpinum	11.0
Cetraria islandica	11.0	Arnica montana	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Nardus stricta	19.0	Carex curvula	12.0
Trifolium alpinum	6.0	Festuca eskia	6.0
Bellardiochloa variegata	5.0		

**R44 - [E44a] Arctic-alpine calcareous grassland**

*Diagnostic species (phi coefficient \* 100)*

Carex sempervirens	39.3	Dryas octopetala	32.5
Helianthemum alpestre	30.2	Saxifraga paniculata	30.0
Sesleria caerulea	29.5	Hieracium villosum	27.6
Bellidiastrum michelii	26.0	Carex firma	25.9
Phyteuma orbiculare	25.4	Scabiosa lucida	25.2
Sesleria coerulans	24.9	Gentiana verna	24.9
Gentiana clusii	24.6	Galium anisophyllum	24.5
Thesium alpinum	24.0	Draba aizoides	23.5
Carduus defloratus aggr.	23.5	Primula auricula	23.4
Silene acaulis	22.3	Euphrasia salisburgensis	22.2
Aster alpinus	22.2	Saxifraga caesia	21.7
Globularia cordifolia	21.7	Festuca versicolor	21.3
Bistorta vivipara	20.7	Campanula cochleariifolia	20.6
Leontopodium nivale	20.0	Carex mucronata	19.6
Kernera saxatilis	18.9	Anthyllis vulneraria	18.8
Oxytropis campestris	18.7	Helictotrichon sedenense	18.6
Biscutella laevigata	18.5	Helianthemum nummularium	18.3
Androsace chamaejasme	18.0	Festuca quadriflora	17.8
Trisetum alpestre	17.5	Minuartia verna	17.2
Athamanta cretensis	17.2	Poa alpina	17.0
Kobresia myosuroides	16.8	Pedicularis rostratocapitata	16.7
Globularia nudicaulis	16.7	Thymus pulcherrimus	16.6
Saxifraga oppositifolia	16.6	Hedysarum hedysaroides	16.5
Bartsia alpina	16.5	Alchemilla conjuncta aggr.	16.5

Crepis jacquinii	16.0	Gypsophila repens	15.9
Carex ferruginea	15.9	Carex rupestris	15.8
Potentilla crantzii	15.5	Pedicularis verticillata	15.5
Achillea clavennae	15.5	Agrostis alpina	15.4
Carex ornithopoda	15.3		
<i>Constant species (occurrence frequencies)</i>			
Carex sempervirens	44.0	Sesleria caerulea	40.0
Helianthemum nummularium	32.0	Anthyllis vulneraria	32.0
Phyteuma orbiculare	26.0	Lotus corniculatus	25.0
Dryas octopetala	25.0	Bistorta vivipara	25.0
Bellidiastrum michelii	25.0	Carduus defloratus aggr.	23.0
Sesleria coerulans	21.0	Saxifraga paniculata	21.0
Scabiosa lucida	20.0	Galium anisophyllum	20.0
Poa alpina	19.0	Gentiana verna	18.0
Thesium alpinum	17.0	Hippocrepis comosa	17.0
Helianthemum alpestre	17.0	Carlina acaulis	17.0
Silene acaulis	16.0	Globularia cordifolia	15.0
Tortella tortuosa	14.0	Linum catharticum	14.0
Campanula cochleariifolia	14.0	Thymus praecox	13.0
Leucanthemum vulgare aggr.	13.0	Hieracium villosum	13.0
Galium pumilum	13.0	Euphrasia salisburgensis	13.0
Carex firma	13.0	Biscutella laevigata	13.0
Bartsia alpina	13.0	Minuartia verna	12.0
Trifolium pratense	11.0	Primula auricula	11.0
Potentilla erecta	11.0	Leontodon hispidus	11.0
Gentiana clusii	11.0	Draba aizoides	11.0
Clinopodium alpinum	11.0	Campanula rotundifolia	11.0
Briza media	11.0	Aster alpinus	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Carex sempervirens	13.0	Sesleria caerulea	8.0

#### **R45 - [E44b] Alpine and subalpine calcareous grassland of the Balkans and Apennines**

<i>Diagnostic species (phi coefficient * 100)</i>			
Carex kitaibeliana	66.8	Asyneuma limonifolium	51.3
Sesleria nitida	44.5	Koeleria lobata	41.1
Edraianthus graminifolius	39.3	Minuartia verna	39.0
Trinia dalechampii	38.6	Armeria canescens	37.8
Brachypodium genuense	34.7	Asperula aristata	34.3
Carex macrolepis	34.1	Leontodon crispus	32.6
Achillea ageratifolia	32.1	Sesleria juncifolia	30.5
Globularia meridionalis	30.4	Viola eugeniae	30.1
Anthyllis aurea	30.1	Potentilla rigoana	30.0
Clinopodium alpinum	29.9	Cerastium decalvans	29.9
Helianthemum canum	29.2	Dianthus sylvestris	27.8

Draba lasiocarpa	27.5	Koeleria splendens	26.2
Asperula purpurea	26.1	Festuca circummediterranea	26.0
Dianthus haematocalyx	25.9	Astragalus angustifolius	25.8
Festuca hirtovaginata	25.3	Cyanus triumfettii	24.9
Anthyllis vulneraria	24.5	Stipa pulcherrima	24.0
Paronychia macedonica	23.2	Euphorbia myrsinites	23.2
Cerastium tomentosum	23.2	Helictochloa versicolor	23.0
Thymus leucotrichus	22.8	Poa molinerii	22.7
Eryngium amethystinum	22.5	Teucrium montanum	22.3
Jurinea arachnoidea	22.1	Festuca varia	22.1
Hypericum rumeliacum	21.9	Viola herzogii	21.6
Pedicularis elegans	21.6	Erysimum pseudorhaeticum	21.6
Cerastium candidissimum	21.5	Galium oreophilum	21.3
Saxifraga sempervivum	20.9	Gentiana verna	20.6
Silene radicata	20.4	Ranunculus pollinensis	20.2
Galium verticillatum	20.1	Galium magellense	20.0
Thymus longicaulis	19.7	Sedum ochroleucum	19.5
Thymus ciliatopubescens	19.4	Linum capitatum	19.4
Inula aschersoniana	19.1	Erigeron epiroticus	18.9
Hieracium pannosum	18.6	Plantago atrata	18.5
Dianthus petraeus	18.3	Matthiola fruticulosa	18.2
Ornithogalum comosum	18.0	Paronychia chionaea	17.8
Trifolium heldreichianum	17.7	Sedum urvillei	17.7
Centaurea grbavacensis	17.7	Astragalus sericophyllus	17.7
Stachys iva	17.6	Rumex nebroides	17.6
Cerastium arvense	17.5	Trinia glauca	17.3
Eryngium wiegandii	17.3	Knautia purpurea	17.2
Sesleria tenerrima	17.0	Festuca laevigata	17.0
Alyssum stribnyi	17.0	Sesleria vaginalis	16.9
Polygala major	16.9	Thesium macedonicum	16.8
Saponaria bellidifolia	16.8	Helianthemum alpestre	16.8
Scabiosa triniifolia	16.7	Potentilla astracanica	16.7
Odontarrhena corymbosoidea	16.7	Laserpitium siler	16.7
Galium lucidum	16.7	Festuca panciciana	16.6
Daphne oleoides	16.6	Salvia ringens	16.5
Festuca violacea	16.5	Saxifraga marginata	16.2
Phleum ambiguum	16.1	Gentiana dinarica	16.1
Carum graecum	16.1	Poa thessala	16.0
Alyssum montanum	16.0	Draba aizoides	15.7
Tragopogon pterodes	15.6	Helianthemum marmoreum	15.4
Euphorbia barrelieri	15.4	Asperula boissieri	15.4
Achillea virescens	15.4	Thymus perinicus	15.3
Helianthemum nummularium	15.3	Marrubium thessalum	15.2
Bromopsis cappadocica	15.2	Minuartia glomerata	15.1
<i>Constant species (occurrence frequencies)</i>			
Carex kitaibeliana	49.0	Anthyllis vulneraria	42.0
Minuartia verna	32.0	Asyneuma limonifolium	30.0

Clinopodium alpinum	28.0	Helianthemum nummularium	27.0
Leontodon crispus	26.0	Teucrium montanum	25.0
Koeleria lobata	25.0	Helianthemum canum	25.0
Bromopsis erecta	23.0	Asperula aristata	23.0
Sesleria nitida	22.0	Cerastium arvense	21.0
Dianthus sylvestris	20.0	Asperula cynanchica	20.0
Armeria canescens	20.0	Thymus praecox	19.0
Edraianthus graminifolius	18.0	Trinia dalechampii	16.0
Teucrium chamaedrys	16.0	Poa alpina	16.0
Helictochloa versicolor	16.0	Gentiana verna	16.0
Brachypodium genuense	16.0	Asperula purpurea	16.0
Pilosella officinarum	15.0	Hippocrepis comosa	15.0
Galium lucidum	15.0	Carex macrolepis	15.0
Lotus corniculatus	14.0	Festuca circummediterranea	14.0
Cyanus triumfettii	14.0	Thymus longicaulis	13.0
Sesleria juncifolia	13.0	Koeleria splendens	13.0
Stipa pulcherrima	12.0	Globularia meridionalis	12.0
Eryngium amethystinum	12.0	Viola eugeniae	11.0
Teucrium polium aggr.	11.0	Sedum rupestre	11.0
Potentilla rigoana	11.0	Melica ciliata	11.0
Hypericum rumeliacum	11.0	Fumana procumbens	11.0
Euphorbia myrsinites	11.0	Achillea ageratifolia	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Sesleria nitida	13.0	Carex kitaibeliana	10.0
Sesleria juncifolia	7.0		

**R51 - [E52a] Thermophilous forest fringe of base-rich soils**

*Diagnostic species (phi coefficient \* 100)*

Geranium sanguineum	34.7	Trifolium medium	29.2
Origanum vulgare	24.8	Peucedanum cervaria	19.6
Vincetoxicum hirsutinaria	17.7	Polygonatum odoratum	17.0
Bupleurum falcatum	16.4	Euphorbia cyparissias	15.2

*Constant species (occurrence frequencies)*

Achillea millefolium aggr.	40.0	Dactylis glomerata	38.0
Trifolium medium	36.0	Geranium sanguineum	36.0
Origanum vulgare	34.0	Galium mollugo aggr.	34.0
Euphorbia cyparissias	34.0	Poa pratensis aggr.	33.0
Hypericum perforatum	29.0	Vincetoxicum hirsutinaria	26.0
Galium verum	24.0	Clinopodium vulgare	24.0
Arrhenatherum elatius	24.0	Pimpinella saxifraga	23.0
Fragaria vesca	23.0	Festuca rubra	22.0
Brachypodium pinnatum	22.0	Polygonatum odoratum	21.0
Veronica chamaedrys	20.0	Lotus corniculatus	20.0
Helianthemum nummularium	19.0	Agrostis capillaris	19.0

Knautia arvensis	18.0	Viola hirta	17.0
Teucrium chamaedrys	17.0	Centaurea scabiosa	17.0
Agrimonia eupatoria	17.0	Vicia cracca	16.0
Silene nutans	15.0	Poa nemoralis	15.0
Peucedanum cervaria	15.0	Centaurea jacea	15.0
Tanacetum corymbosum	14.0	Lathyrus pratensis	14.0
Bupleurum falcatum	14.0	Stachys officinalis	13.0
Securigera varia	13.0	Plantago lanceolata	13.0
Fragaria viridis	13.0	Astragalus glycyphyllos	13.0
Stachys recta	12.0	Sanguisorba minor	12.0
Primula veris	12.0	Leucanthemum vulgare aggr.	12.0
Laserpitium latifolium	12.0	Filipendula vulgaris	12.0
Festuca ovina	12.0	Briza media	12.0
Solidago virgaurea	11.0	Silene vulgaris	11.0
Campanula persicifolia	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Trifolium medium	24.0	Geranium sanguineum	21.0
Vincetoxicum hirundinaria	8.0	Peucedanum cervaria	7.0
Origanum vulgare	5.0		

**R52 - [E52b] Forest fringe of acidic nutrient-poor soils**

*Diagnostic species (phi coefficient \* 100)*

Holcus mollis	36.1	Teucrium scorodonia	33.0
Hieracium laevigatum	20.8	Melampyrum pratense	15.7
Agrostis capillaris	15.4		

*Constant species (occurrence frequencies)*

Holcus mollis	70.0	Teucrium scorodonia	64.0
Agrostis capillaris	55.0	Avenella flexuosa	39.0
Melampyrum pratense	36.0	Lonicera periclymenum	26.0
Solidago virgaurea	23.0	Anthoxanthum odoratum aggr.	23.0
Festuca rubra	22.0	Stellaria holostea	20.0
Achillea millefolium aggr.	20.0	Veronica officinalis	18.0
Quercus petraea	18.0	Potentilla erecta	18.0
Fragaria vesca	18.0	Calluna vulgaris	18.0
Vaccinium myrtillus	17.0	Viola riviniana	16.0
Galium saxatile	16.0	Dactylis glomerata	16.0
Veronica chamaedrys	14.0	Hieracium laevigatum	14.0
Galium mollugo aggr.	14.0	Rumex acetosella	13.0
Cytisus scoparius	13.0	Campanula rotundifolia	13.0
Rubus fruticosus aggr.	12.0	Poa nemoralis	12.0
Luzula luzuloides	12.0	Hypericum perforatum	12.0
Hedera helix	12.0	Carex pilulifera	12.0
Sorbus aucuparia	11.0	Rumex acetosa	11.0
Pseudoscleropodium purum	11.0	Lathyrus linifolius	11.0

Hypericum pulchrum	11.0	Hieracium lachenalii	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Teucrium scorodonia	32.0	Holcus mollis	31.0
Melampyrum pratense	15.0	Avenella flexuosa	6.0
Agrostis capillaris	5.0		

### R53 - [E52c] Macaronesian thermophilous forest fringe

#### *Diagnostic species (phi coefficient \* 100)*

Ranunculus cortusifolius	75.5	Carlina salicifolia	50.3
Andryala pinnatifida	50.0	Rumex maderensis	45.5
Polypodium cambricum subsp. macaronesicum	45.1	Phyllis nobla	44.8
Monanthes laxiflora	39.5	Pericallis aurita	39.4
Davallia canariensis	37.6	Thymus organoides	32.3
Pimpinella dendrotragium	32.3	Pericallis cruenta	32.2
Helichrysum gossypinum	32.2	Genista maderensis	32.2
Festuca agustinii	32.2	Ferula lancerotensis	32.2
Athamanta cervariifolia	32.2	Aichryson tortuosum	32.2
Argyranthemum webbii	32.1	Aeonium lancerottense	32.1
Aeonium canariense	32.1	Pericallis lanata	32.0
Habenaria tridactylites	32.0	Aichryson laxum	31.9
Echium virescens	31.8	Sonchus acaulis	31.4
Erysimum scoparium	31.4	Ageratina adenophora	30.0
Euphorbia regis-jubae	28.2	Allium roseum	27.0
Senecio bollei	22.8	Scrophularia smithii	22.8
Reichardia famarae	22.8	Plantago malato-belizii	22.8
Peucedanum lowei	22.8	Pericallis malvifolia	22.8
Orchis patens subsp. canariensis	22.8	Monanthes muralis	22.8
Minuartia platyphylla	22.8	Lolium saxatile	22.8
Helianthemum broussonetii	22.8	Geranium palmatum	22.8
Echium handiense	22.8	Dactylorhiza foliosa	22.8
Crambe scaberrima	22.8	Cardamine caldeiranum	22.8
Bystropogon punctatus	22.8	Asteriscus intermedius	22.8
Angelica lignescens	22.8	Ammi huntii	22.8
Aichryson pachycaulon	22.8	Aichryson divaricatum	22.8
Aeonium cuneatum	22.8	Aeonium aizoon	22.8
Sonchus gummifer	22.7	Sideritis dasygnaphala	22.7
Selaginella kraussiana	22.7	Hypericum coadunatum	22.7
Erica maderensis	22.7	Lavandula pinnata	22.6
Crepis canariensis	22.6	Aeonium diplocyclum	22.6
Sonchus hierrensis	22.5	Sideritis candicans	22.5
Sibthorpia peregrina	22.5	Pericallis webbii	22.5
Oenanthe divaricata	22.5	Geranium reuteri	22.5
Genista tenera	22.5	Festuca petraea	22.5
Dryopteris intermedia	22.5	Drymochloa donax	22.5

Deschampsia argentea	22.5	Crepis vesicaria subsp. andryaloides	22.5
Bupleurum salicifolium	22.5	Tolpis macrorhiza	22.4
Tolpis azorica	22.4	Selaginella denticulata	22.4
Rubus bollei	22.4	Hypericum reflexum	22.3
Erysimum bicolor	22.3	Cyrtomium falcatum	22.3
Cedronella canariensis	22.3	Adiantum reniforme	22.3
Cyclosorus pozoi	22.2	Helichrysum melaleucum	22.1
Genista microphylla	22.1	Argyranthemum adauctum	22.1
Salvia canariensis	22.0	Salix canariensis	21.9
Micromeria benthamii	21.9	Holcus rigidus	21.9
Cystopteris fragilis subsp. diaphana	21.9	Adenocarpus foliolosus	21.9
Hypericum grandifolium	21.7	Ferula linkii	21.7
Petroselinum crispum	21.6	Scrophularia glabrata	21.5
Allosorus pteridioides	21.5	Lobularia canariensis	21.4
Plantago arborescens	21.3	Aeonium glandulosum	21.3
Micromeria varia	20.4	Cistus symphytifolius	20.3
Ceratochloa cathartica	19.3	Morella faya	18.9
Euphorbia balsamifera	18.9	Sibthorpia europaea	18.3
Mentha spicata	16.5	Adiantum capillus-veneris	16.4
<i>Constant species (occurrence frequencies)</i>			
Ranunculus cortusifolius	58.0	Carlina salicifolia	26.0
Andryala pinnatifida	26.0	Rumex maderensis	21.0
Polypodium cambricum subsp. macaronesicum	21.0	Phyllis nobla	21.0
Pericallis aurita	16.0	Monanthes laxiflora	16.0
Davallia canariensis	16.0	Thymus organoides	11.0
Succisa pratensis	11.0	Sonchus acaulis	11.0
Selaginella denticulata	11.0	Pimpinella dendrotragium	11.0
Pericallis lanata	11.0	Pericallis cruenta	11.0
Juncus effusus	11.0	Helichrysum gossypinum	11.0
Habenaria tridactylites	11.0	Genista maderensis	11.0
Festuca agustinii	11.0	Ferula lancerotensis	11.0
Euphorbia regis-jubae	11.0	Erysimum scoparium	11.0
Echium virescens	11.0	Brachypodium sylvaticum	11.0
Athamanta cervariifolia	11.0	Argyranthemum webbii	11.0
Allium roseum	11.0	Aichryson tortuosum	11.0
Aichryson laxum	11.0	Ageratina adenophora	11.0
Aeonium lancerottense	11.0	Aeonium canariense	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Polypodium cambricum subsp. macaronesicum	11.0	Salix canariensis	5.0
Rumex maderensis	5.0	Pimpinella dendrotragium	5.0
Pericallis malvifolia	5.0	Monanthes laxiflora	5.0
Lolium saxatile	5.0	Hypericum coadunatum	5.0
Helichrysum gossypinum	5.0	Hedera helix	5.0
Geranium reuteri	5.0	Geranium palmatum	5.0



Genista maderensis	5.0	Ferula lancerotensis	5.0
Echium handiense	5.0	Deschampsia argentea	5.0
Dactylorhiza foliosa	5.0	Angelica lignescens	5.0
Aeonium lancerottense	5.0	Aeonium cuneatum	5.0
Aeonium aizoon	5.0	Adenocarpus foliolosus	5.0

#### R54 - [E53] Pteridium aquilinum vegetation

##### *Diagnostic species (phi coefficient \* 100)*

Pteridium aquilinum	37.2
---------------------	------

##### *Constant species (occurrence frequencies)*

Pteridium aquilinum	100.0	Agrostis capillaris	35.0
Potentilla erecta	32.0	Anthoxanthum odoratum aggr.	31.0
Plantago lanceolata	26.0	Dactylis glomerata	25.0
Achillea millefolium aggr.	24.0	Lotus corniculatus	23.0
Holcus lanatus	23.0	Festuca rubra	23.0
Trifolium repens	18.0	Calluna vulgaris	18.0
Trifolium pratense	17.0	Hypochaeris radicata	16.0
Rumex acetosa	15.0	Avenella flexuosa	15.0
Teucrium scorodonia	14.0	Prunella vulgaris	14.0
Molinia caerulea aggr.	14.0	Veronica chamaedrys	13.0
Danthonia decumbens	13.0	Briza media	13.0
Leucanthemum vulgare aggr.	12.0	Galium verum	12.0
Brachypodium pinnatum	12.0	Vaccinium myrtillus	11.0
Stachys officinalis	11.0	Poa pratensis aggr.	11.0
Pilosella officinarum	11.0	Luzula campestris	11.0
Galium saxatile	11.0	Festuca ovina	11.0
Cerastium fontanum subsp. vulgare	11.0		

##### *Dominant species (percentage frequencies of occurrences with cover > 25%)*

Pteridium aquilinum	20.0	Agrostis capillaris	7.0
Molinia caerulea aggr.	6.0		

#### R55 - [E54] Lowland moist or wet tall-herb and fern fringe

##### *Diagnostic species (phi coefficient \* 100)*

Urtica dioica	16.4	Petasites hybridus	16.4
---------------	------	--------------------	------

##### *Constant species (occurrence frequencies)*

Urtica dioica	58.0	Poa trivialis	31.0
Galium aparine	28.0	Ranunculus repens	25.0
Filipendula ulmaria	25.0	Calystegia sepium	23.0
Phalaroides arundinacea	21.0	Dactylis glomerata	21.0
Glechoma hederacea	19.0	Aegopodium podagraria	19.0
Angelica sylvestris	18.0	Agrostis stolonifera	17.0

Heracleum sphondylium	16.0	Lythrum salicaria	15.0
Geranium robertianum	15.0	Chaerophyllum hirsutum	14.0
Epilobium hirsutum	13.0	Cirsium arvense	13.0
Anthriscus sylvestris	13.0	Phragmites australis	12.0
Eupatorium cannabinum	12.0	Elytrigia repens	12.0
Cirsium oleraceum	12.0	Taraxacum sect. Taraxacum	11.0
Symphytum officinale	11.0	Petasites hybridus	11.0
Mentha longifolia	11.0	Lysimachia vulgaris	11.0
Lycopus europaeus	11.0	Impatiens noli-tangere	11.0
Deschampsia cespitosa	11.0	Caltha palustris	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Urtica dioica	13.0	Petasites hybridus	9.0
Filipendula ulmaria	7.0		

**R56 - [E55] Montane to subalpine moist or wet tall-herb and fern fringe**

*Diagnostic species (phi coefficient \* 100)*

Rumex arifolius	50.0	Adenostyles alliariae	48.4
Rumex alpinus	45.5	Peucedanum ostruthium	42.1
Aconitum napellus	33.8	Saxifraga rotundifolia	32.9
Epilobium alpestre	31.3	Geranium sylvaticum aggr.	30.8
Veratrum album	29.8	Viola biflora	29.3
Athyrium distentifolium	29.0	Ranunculus platanifolius	25.9
Chaerophyllum hirsutum	25.8	Lactuca alpina	24.8
Doronicum austriacum	24.5	Aconitum lycoctonum	22.6
Stellaria nemorum	21.1	Thalictrum aquilegifolium	20.3
Jacobaea alpina	19.5	Tozzia alpina	19.2
Ranunculus aconitifolius	18.9	Jacobaea subalpina	18.7
Ligusticum mutellina	18.6	Silene dioica	18.5
Phleum alpinum aggr.	17.4	Aconitum tauricum	17.0
Luzula glabrata	16.1	Myosotis alpestris	15.9
Carduus personata	15.9	Poa hybrida	15.5
Luzula alpinopilosa	15.5	Rhodiola rosea	15.4
Poa alpina	15.4		

*Constant species (occurrence frequencies)*

Adenostyles alliariae	49.0	Rumex arifolius	48.0
Geranium sylvaticum aggr.	45.0	Chaerophyllum hirsutum	36.0
Veratrum album	32.0	Deschampsia cespitosa	32.0
Viola biflora	31.0	Stellaria nemorum	30.0
Rumex alpinus	30.0	Peucedanum ostruthium	29.0
Saxifraga rotundifolia	28.0	Silene dioica	24.0
Senecio nemorensis aggr.	23.0	Aconitum napellus	22.0
Urtica dioica	21.0	Hypericum maculatum	20.0
Heracleum sphondylium	19.0	Athyrium distentifolium	19.0
Alchemilla vulgaris aggr.	19.0	Aconitum lycoctonum	19.0

Poa alpina	18.0	Ranunculus platanifolius	17.0
Athyrium filix-femina	17.0	Thalictrum aquilegiifolium	16.0
Rubus idaeus	16.0	Lactuca alpina	16.0
Solidago virgaurea	15.0	Oxalis acetosella	15.0
Epilobium alpestre	15.0	Doronicum austriacum	15.0
Primula elatior	14.0	Phleum alpinum aggr.	14.0
Luzula sylvatica	14.0	Ligusticum mutellina	14.0
Geum rivale	14.0	Ranunculus aconitifolius	13.0
Milium effusum	13.0	Dactylis glomerata	13.0
Bistorta officinalis	13.0	Silene vulgaris	12.0
Homogyne alpina	12.0	Vaccinium myrtillus	11.0
Myosotis sylvatica	11.0	Myosotis alpestris	11.0
Chrysosplenium alternifolium	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Adenostyles alliariae	19.0	Rumex alpinus	14.0
Peucedanum ostruthium	8.0		

**R57 - [E56] Herbaceous forest clearing vegetation**

*Diagnostic species (phi coefficient \* 100)*

Senecio sylvaticus	27.6	Epilobium angustifolium	26.7
Sambucus ebulus	21.6	Digitalis purpurea	15.7

*Constant species (occurrence frequencies)*

Urtica dioica	47.0	Epilobium angustifolium	44.0
Rubus idaeus	39.0	Avenella flexuosa	35.0
Senecio nemorensis aggr.	25.0	Galium aparine	25.0
Galeopsis tetrahit	23.0	Fragaria vesca	23.0
Agrostis capillaris	22.0	Calamagrostis epigejos	21.0
Rubus fruticosus aggr.	20.0	Sorbus aucuparia	19.0
Geranium robertianum	19.0	Betula pendula	18.0
Senecio sylvaticus	17.0	Vaccinium myrtillus	16.0
Rumex acetosella	16.0	Lactuca muralis	16.0
Digitalis purpurea	16.0	Poa nemoralis	14.0
Picea abies	14.0	Holcus mollis	14.0
Epilobium montanum	14.0	Sambucus ebulus	13.0
Dactylis glomerata	13.0	Athyrium filix-femina	13.0
Luzula luzuloides	12.0	Veronica officinalis	11.0
Salix caprea	11.0	Oxalis acetosella	11.0
Hypericum perforatum	11.0	Glechoma hederacea	11.0
Geum urbanum	11.0	Fagus sylvatica	11.0
Cirsium arvense	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Sambucus ebulus	12.0	Epilobium angustifolium	11.0
Calamagrostis epigejos	7.0	Avenella flexuosa	6.0

Urtica dioica 5.0

### R61 - [E61] Mediterranean inland salt steppe

#### *Diagnostic species (phi coefficient \* 100)*

Suaeda vera	58.8	Limonium delicatulum	41.3
Sphenopus divaricatus	39.2	Frankenia pulverulenta	38.8
Puccinellia caespitosa	33.6	Spergularia diandra	33.1
Lygeum spartum	32.1	Limonium supinum	31.7
Limonium caesium	30.9	Limonium angustebracteatum	30.0
Hordeum marinum	29.2	Elytrigia curvifolia	28.2
Arthrocnemum macrostachyum	27.3	Mesembryanthemum nodiflorum	26.8
Artemisia herba-alba	26.3	Aeluropus littoralis	25.6
Hornungia procumbens	25.4	Bupleurum semicompositum	24.9
Puccinellia fasciculata	24.3	Hypericum atomarium	23.9
Sonchus crassifolius	23.1	Frankenia thymifolia	22.8
Limonium cossonianum	22.6	Aethionema froedinii	21.5
Parapholis incurva	21.4	Limonium costae	21.3
Limonium dichotomum	21.2	Limonium latebracteatum	20.9
Atriplex halimus	20.6	Suaeda spicata	18.4
Limbarda crithmoides	18.3	Jacobaea auricula	18.1
Spergularia marina	18.0	Geranium collinum	17.2
Alyssum praecox	17.2	Arenaria cariensis	16.7
Hesperis bottae	16.6	Atriplex glauca	16.4
Aethionema heterocarpum	16.4	Limonium tournefortii	16.2
Lepidium cardamines	16.2	Plantago coronopus aggr.	16.1
Hypericum thymifolium	15.9	Gypsophila graminifolia	15.8
Frankenia corymbosa	15.8	Limonium viciosoi	15.7
Bassia hirsuta	15.7	Adonis eriocalycina	15.3
Salicornia patula	15.1		

#### *Constant species (occurrence frequencies)*

Suaeda vera	41.0	Limonium delicatulum	18.0
Sphenopus divaricatus	17.0	Frankenia pulverulenta	17.0
Plantago coronopus aggr.	16.0	Lygeum spartum	14.0
Hordeum marinum	13.0	Spergularia diandra	12.0
Puccinellia caespitosa	12.0		

#### *Dominant species (percentage frequencies of occurrences with cover > 25%)*

Frankenia pulverulenta	7.0	Lygeum spartum	6.0
------------------------	-----	----------------	-----

### R62 - [E62] Continental inland salt steppe

#### *Diagnostic species (phi coefficient \* 100)*

Artemisia santonicum	58.5	Camphorosma annua	48.2
Limonium gmelinii	47.1	Puccinellia distans	42.9

Podospermum canum	41.1	Plantago tenuiflora	33.3
Eremopyrum triticeum	31.4	Eremopyrum orientale	28.8
Bassia sedoides	28.2	Trifolium angulatum	27.4
Cerastium dubium	26.6	Puccinellia tenuissima	26.1
Pholiurus pannonicus	24.8	Camphorosma monspeliaca	23.9
Suaeda corniculata	23.4	Petrosimonia oppositifolia	23.4
Trifolium retusum	22.4	Lepidium perfoliatum	22.4
Atriplex intracontinentalis	21.5	Festuca valesiaca	20.6
Lepidium ruderales	19.3	Artemisia pauciflora	19.3
Hordeum geniculatum	18.6	Suaeda acuminata	18.5
Salicornia perennans	18.2	Lepidium cartilagineum	18.0
Bupleurum tenuissimum	17.9	Petrosimonia triandra	17.8
Atriplex aucheri	17.7	Chorispora tenella	17.6
Camphorosma songorica	17.5	Limonium meyeri	17.1
Alhagi maurorum	16.9	Petrosimonia brachiata	16.8
Plantago schwarzenbergiana	16.6	Carex stenophylla	16.6
Atriplex tatarica	16.4	Atriplex patens	16.1
Ranunculus pedatus	15.8	Puccinellia dolicholepis	15.7
Suaeda maritima	15.3	Plantago maritima	15.3
<i>Constant species (occurrence frequencies)</i>			
Artemisia santonicum	45.0	Puccinellia distans	32.0
Festuca valesiaca	29.0	Limonium gmelinii	28.0
Camphorosma annua	25.0	Podospermum canum	24.0
Poa bulbosa	19.0	Plantago maritima	15.0
Matricaria chamomilla	14.0	Tripolium pannonicum	12.0
Plantago tenuiflora	12.0	Eremopyrum triticeum	12.0
Elytrigia repens	12.0	Polygonum aviculare	11.0
Cynodon dactylon	11.0	Cerastium dubium	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Artemisia santonicum	14.0	Camphorosma annua	11.0
Puccinellia distans	9.0		

### **R63 - [E63] Temperate inland salt marsh**

#### *Diagnostic species (phi coefficient \* 100)*

Puccinellia distans	47.0	Tripolium pannonicum	40.6
Juncus gerardi	35.6	Taraxacum besarabicum	30.5
Spergularia marina	28.8	Atriplex prostrata	26.7
Triglochin maritima	26.5	Plantago maritima	25.2
Spergularia media	23.4	Glaux maritima	23.3
Suaeda maritima	20.4	Bolboschoenus maritimus	20.4
Salicornia europaea aggr.	19.5	Lotus tenuis	19.5
Podospermum canum	18.6	Salicornia perennans	16.3
Puccinellia maritima	15.7	Trifolium fragiferum	15.4
Hordeum geniculatum	15.2	Bupleurum tenuissimum	15.0

*Constant species (occurrence frequencies)*

Tripolium pannonicum	36.0	Puccinellia distans	35.0
Juncus gerardi	32.0	Atriplex prostrata	27.0
Agrostis stolonifera	26.0	Plantago maritima	25.0
Bolboschoenus maritimus	20.0	Triglochin maritima	18.0
Glaux maritima	17.0	Spergularia marina	16.0
Argentina anserina	16.0	Plantago major	14.0
Phragmites australis	14.0	Lotus tenuis	14.0
Trifolium fragiferum	12.0	Suaeda maritima	12.0
Spergularia media	12.0	Elytrigia repens	12.0
Taraxacum besarabicum	11.0	Carex distans	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Puccinellia distans	13.0	Juncus gerardi	9.0
Bolboschoenus maritimus	7.0	Plantago maritima	5.0
Atriplex prostrata	5.0		

**R64 - [E64] Semi-desert salt pan**

*Diagnostic species (phi coefficient \* 100)*

Halimione verrucifera	50.3	Eremopyrum triticeum	49.5
Artemisia santonicum	48.5	Limonium gmelinii	46.1
Puccinellia dolicholepis	45.8	Limonium suffruticosum	44.7
Halocnemum strobilaceum	43.3	Atriplex aucheri	38.1
Petrosimonia oppositifolia	36.8	Petrosimonia litwinowii	35.6
Eremopyrum orientale	35.1	Puccinellia gigantea	31.8
Atriplex tatarica	31.0	Bassia sedoides	30.4
Climacoptera crassa	29.9	Artemisia lerchiana	25.6
Ceratocephala falcata	25.3	Suaeda acuminata	24.2
Salsola dendroides	22.7	Xanthoparmelia camtschadalis	22.5
Salsola laricina	22.4	Anabasis aphylla	22.3
Alcea acaulis	22.1	Minuartia isaurica	21.7
Limonium bellidifolium	20.0	Hypericum atomarium	19.6
Alyssum turkestanicum	19.6	Ofaiston monandrum	19.2
Salsola tamariscina	19.0	Atriplex cana	19.0
Kalidium caspicum	18.8	Astragalus pinetorum	18.7
Climacoptera brachiata	18.6	Noccaea vesicaria	18.5
Paronychia beauverdii	18.2	Paronychia kurdica	18.1
Telephium oligospermum	17.6	Physcia adscendens	17.6
Lappula marginata	17.3	Petrosimonia brachiata	17.2
Chorisporea tenella	16.8	Camphorosma songorica	16.7
Glycyrrhiza glabra	16.3	Medicago orthoceras	16.1
Camphorosma monspeliaca	15.9	Leymus ramosus	15.8
Puccinellia tenuissima	15.4	Meniocus linifolius	15.3

*Constant species (occurrence frequencies)*

Artemisia santonicum	35.0	Limonium gmelinii	28.0
Halimione verrucifera	28.0	Eremopyrum triticeum	28.0
Puccinellia dolicholepis	22.0	Limonium suffruticosum	20.0
Halocnemum strobilaceum	20.0	Atriplex tatarica	17.0
Atriplex aucheri	17.0	Petrosimonia oppositifolia	15.0
Eremopyrum orientale	15.0	Puccinellia gigantea	13.0
Petrosimonia litwinowii	13.0	Bassia sedoides	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Halimione verrucifera	13.0	Puccinellia dolicholepis	11.0
Atriplex aucheri	9.0	Artemisia santonicum	6.0

**R65 - [E65] Continental subsaline alluvial pasture and meadow**

*Diagnostic species (phi coefficient \* 100)*

Dodartia orientalis	86.0	Rhaponticum repens	77.6
Bassia sedoides	59.3	Althaea officinalis	58.6
Hierochloe repens	58.5	Glycyrrhiza echinata	57.8
Glycyrrhiza glabra	56.8	Lythrum virgatum	53.4
Inula britannica	52.7	Euphorbia esula	52.6
Rubia tatarica	48.1	Aeluropus littoralis	44.7
Eryngium planum	41.9	Artemisia austriaca	35.7
Astragalus contortuplicatus	34.9	Helianthus lenticularis	34.7
Glyceria arundinacea	34.7	Tanacetum achilleifolium	33.8
Sibbaldianthe bifurca	33.8	Petrosimonia oppositifolia	33.3
Schoenoplectus supinus	33.2	Euphorbia chamaesyce	32.8
Argusia sibirica	32.6	Carex praecox	32.4
Alhagi maurorum	32.4	Bolboschoenus glaucus	32.2
Atriplex aucheri	32.1	Polygonum patulum	31.9
Crypsis aculeata	31.1	Medicago sativa	30.3
Carduus uncinatus	30.2	Carex stenophylla	30.1
Malva pusilla	30.0	Tribulus terrestris	28.6
Polygonum arenarium	28.3	Salsola tragus	28.2
Scutellaria hastifolia	27.6	Lappula squarrosa	27.2
Limonium gmelinii	27.0	Cynanchum acutum	25.1
Atriplex tatarica	25.0	Amaranthus albus	24.8
Alyssum turkestanicum	24.7	Galium humifusum	24.5
Eragrostis minor	23.9	Lepidium ruderae	22.5
Artemisia santonicum	22.5	Xanthium strumarium	21.8
Gypsophila muralis	20.8	Tragopogon dubius	20.7
Senecio leucanthemifolius	20.7	Herniaria glabra	20.7
Jacobaea vulgaris	19.0	Asparagus officinalis	18.9
Thalictrum flavum	17.3	Butomus umbellatus	17.2
Digitaria sanguinalis	17.1	Rorippa palustris	16.1

*Constant species (occurrence frequencies)*

Dodartia orientalis	75.0	Rhaponticum repens	62.0
---------------------	------	--------------------	------

Inula britannica	50.0	Euphorbia esula	50.0
Althaea officinalis	50.0	Lythrum virgatum	38.0
Hierochloe repens	38.0	Glycyrrhiza glabra	38.0
Glycyrrhiza echinata	38.0	Elytrigia repens	38.0
Bassia sedoides	38.0	Rubia tatarica	25.0
Medicago sativa	25.0	Jacobaea vulgaris	25.0
Eryngium planum	25.0	Carex praecox	25.0
Artemisia austriaca	25.0	Aeluropus littoralis	25.0
Xanthium strumarium	12.0	Tribulus terrestris	12.0
Tragopogon dubius	12.0	Thalictrum flavum	12.0
Tanacetum achilleifolium	12.0	Sibbaldianthe bifurca	12.0
Schoenoplectus supinus	12.0	Senecio leucanthemifolius	12.0
Scutellaria hastifolia	12.0	Salsola tragus	12.0
Rorippa palustris	12.0	Polygonum patulum	12.0
Polygonum aviculare	12.0	Polygonum arenarium	12.0
Poa pratensis aggr.	12.0	Petrosimonia oppositifolia	12.0
Malva pusilla	12.0	Limonium gmelinii	12.0
Lepidium ruderales	12.0	Lappula squarrosa	12.0
Lactuca serriola	12.0	Chenopodium album	12.0
Herniaria glabra	12.0	Helianthus lenticularis	12.0
Gypsophila muralis	12.0	Glyceria arundinacea	12.0
Galium humifusum	12.0	Euphorbia chamaesyce	12.0
Eragrostis minor	12.0	Echinochloa crus-galli	12.0
Digitaria sanguinalis	12.0	Cynanchum acutum	12.0
Crypsis aculeata	12.0	Convolvulus arvensis	12.0
Cirsium arvense	12.0	Carex stenophylla	12.0
Carduus uncinatus	12.0	Butomus umbellatus	12.0
Bolboschoenus glaucus	12.0	Bidens tripartitus	12.0
Atriplex tatarica	12.0	Atriplex aucheri	12.0
Astragalus contortuplicatus	12.0	Asparagus officinalis	12.0
Artemisia santonicum	12.0	Argusia sibirica	12.0
Amaranthus albus	12.0	Alyssum turkestanicum	12.0
Alhagi maurorum	12.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Dodartia orientalis	25.0	Glycyrrhiza glabra	12.0
Carex stenophylla	12.0	Aeluropus littoralis	12.0

**S11 - [F11] Shrub tundra**

*Diagnostic species (phi coefficient \* 100)*

Dicranum fuscescens	56.6	Cladonia mitis	51.7
Cetraria ericetorum	48.0	Ptilidium ciliare	45.9
Cladonia gracilis	45.3	Empetrum nigrum aggr.	43.4
Ochrolechia frigida	41.1	Cladonia uncialis	40.6
Betula nana	40.5	Barbilophozia hatcheri	39.8
Stereocaulon paschale	39.1	Peltigera scabrosa	38.3



Cladonia bellidiflora	38.3	Cladonia amaurocraea	37.6
Cetraria nivalis	37.5	Pertusaria geminipara	36.9
Cladonia coccifera	36.9	Sphaerophorus globosus	36.5
Cladonia pleurota	35.9	Cladonia crispata	34.7
Dicranum elongatum	34.6	Anastrophyllum minutum	34.6
Arctostaphylos alpinus	33.4	Cladonia rangiferina	32.9
Psoroma hypnorum	32.3	Cetraria cucullata	32.2
Nephroma arcticum	32.1	Vaccinium uliginosum	31.8
Cornus suecica	31.2	Pedicularis lapponica	30.1
Calamagrostis lapponica	28.7	Cladonia macroceras	27.1
Vaccinium vitis-idaea	26.7	Barbilophozia kunzeana	25.4
Lophozia wenzelii	24.5	Cassiope tetragona	24.4
Ochrolechia inaequatula	22.9	Cladonia macrophylla	22.9
Carex bigelowii	22.9	Rubus chamaemorus	22.8
Stereocaulon alpinum	22.4	Barbilophozia floerkei	21.9
Peltigera aphthosa	21.1	Cetraria islandica	20.5
Juncus trifidus	20.1	Loiseleuria procumbens	20.0
Phyllodoce caerulea	19.9	Ochrolechia lapuensis	19.5
Polytrichum hyperboreum	18.7	Pertusaria dactylina	18.7
Alectoria nigricans	18.4	Dicranum majus	17.6
Cladonia stellaris	17.6	Barbilophozia lycopodioides	17.5
Cetrariella delisei	17.2	Pleurozium schreberi	16.9
Pohlia nutans	16.7	Cladonia sulphurina	16.7
Sanionia uncinata	16.2	Trapeliopsis granulosa	16.0
Peltigera malacea	16.0	Salix glauca	15.9
Andromeda polifolia	15.7	Tetralophozia setiformis	15.6
Barbilophozia binstaedii	15.5	Thamnolia vermicularis	15.3
Betula pubescens var. pumila	15.3	Aulacomnium turgidum	15.2
<i>Constant species (occurrence frequencies)</i>			
Empetrum nigrum aggr.	86.0	Vaccinium vitis-idaea	75.0
Vaccinium uliginosum	62.0	Pleurozium schreberi	54.0
Betula nana	53.0	Dicranum fuscescens	47.0
Cladonia gracilis	44.0	Ptilidium ciliare	42.0
Cladonia mitis	42.0	Cladonia uncialis	41.0
Cladonia rangiferina	39.0	Vaccinium myrtillus	38.0
Avenella flexuosa	33.0	Rubus chamaemorus	30.0
Hylocomium splendens	30.0	Dicranum scoparium	30.0
Cetraria ericetorum	30.0	Cladonia coccifera	27.0
Ochrolechia frigida	26.0	Andromeda polifolia	25.0
Polytrichum commune	24.0	Cetraria nivalis	24.0
Nephroma arcticum	23.0	Cladonia bellidiflora	23.0
Pohlia nutans	21.0	Cornus suecica	21.0
Cladonia crispata	21.0	Cetraria islandica	21.0
Stereocaulon paschale	20.0	Sphaerophorus globosus	20.0
Cladonia pleurota	20.0	Cladonia amaurocraea	20.0
Barbilophozia hatcheri	20.0	Festuca ovina	18.0
Cetraria cucullata	18.0	Arctostaphylos alpinus	18.0

Polytrichum strictum	17.0	Peltigera scabrosa	17.0
Dicranum elongatum	17.0	Pertusaria geminipara	16.0
Cladonia arbuscula	16.0	Carex bigelowii	15.0
Calluna vulgaris	15.0	Anastrophyllum minutum	15.0
Peltigera aphthosa	14.0	Juncus trifidus	14.0
Bistorta vivipara	14.0	Psoroma hypnorum	13.0
Eriophorum vaginatum	13.0	Dicranum majus	13.0
Cladonia stellaris	13.0	Polytrichum juniperinum	12.0
Pedicularis lapponica	12.0	Pinus sylvestris	11.0
Calamagrostis lapponica	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Empetrum nigrum aggr.	61.0	Pleurozium schreberi	15.0
Betula nana	13.0	Hylocomium splendens	7.0
Dicranum fuscescens	6.0	Cassiope tetragona	6.0
Vaccinium myrtillus	5.0		

**S12 - [F12] Moss and lichen tundra**

*Diagnostic species (phi coefficient \* 100)*

Cetraria ericetorum	75.7	Cladonia mitis	72.7
Stereocaulon paschale	65.5	Cladonia coccifera	65.1
Cladonia uncialis	64.4	Ochrolechia frigida	64.2
Cetraria nivalis	64.0	Dicranum fuscescens	62.9
Cladonia bellidiflora	62.8	Cladonia gracilis	60.7
Cladonia pleurota	60.0	Cladonia crispata	59.5
Cetraria cucullata	59.5	Pertusaria geminipara	58.2
Sphaerophorus globosus	55.7	Cladonia macrophylla	53.6
Anastrophyllum minutum	52.8	Ptilidium ciliare	51.5
Cladonia amaurocraea	47.6	Juncus trifidus	47.0
Polytrichum hyperboreum	46.8	Cladonia rangiferina	45.5
Betula nana	43.6	Cladonia sulphurina	43.0
Bryocaulon divergens	42.8	Peltigera scabrosa	40.6
Alectoria nigricans	40.5	Phyllodoce caerulea	40.3
Carex bigelowii	40.0	Cetraria islandica	39.6
Cladonia macroceras	39.1	Racomitrium lanuginosum	39.0
Calamagrostis lapponica	38.8	Barbilophozia hatcheri	38.8
Dicranum elongatum	37.7	Lycopodium alpinum	37.1
Alectoria ochroleuca	37.0	Thamnolia vermicularis	36.8
Salix herbacea	36.4	Empetrum nigrum aggr.	36.4
Nephroma arcticum	35.7	Stereocaulon alpinum	35.4
Trapeliopsis granulosa	35.1	Pedicularis lapponica	34.6
Cladonia stellaris	34.4	Lophozia wenzelii	33.7
Pertusaria dactylina	32.8	Dactylina arctica	32.8
Tetralophozia setiformis	32.4	Arctostaphylos alpinus	29.6
Barbilophozia floerkei	28.3	Parmelia skultii	28.2
Pohlia nutans	27.6	Placynthiella uliginosa	26.9

Vaccinium uliginosum	26.8	Salix glauca	26.7
Loiseleuria procumbens	26.0	Ochrolechia inaequatula	25.9
Ochrolechia lapuensis	24.7	Stellaria longipes	24.1
Psoroma hypnorum	23.9	Aulacomnium turgidum	23.6
Cladonia ecmocyna	23.2	Cladonia deformis	23.1
Vaccinium vitis-idaea	23.0	Luzula nivalis	22.8
Lophozia bicrenata	21.9	Saxifraga nivalis	21.7
Barbilophozia kunzeana	21.3	Lophozia ventricosa	21.1
Polytrichum commune	21.0	Cetrariella delisei	20.8
Gymnomitrium corallioides	20.3	Saxifraga hyperborea	20.1
Papaver radicum	19.8	Ochrolechia gonatodes	19.2
Icmadophila ericetorum	19.2	Dactylina ramulosa	19.2
Diplophyllum taxifolium	19.1	Lophozia longidens	18.9
Cetraria nigricans	18.8	Cladonia cornuta	18.6
Polytrichum juniperinum	18.5	Cardamine bellidifolia	18.3
Cetraria aculeata	18.2	Polytrichum strictum	18.1
Barbilophozia binstaedii	18.1	Diapensia lapponica	17.9
Placynthiella oligotropha	17.3	Cetraria delisei	17.3
Andreaea rupestris	16.9	Lophozia sudetica	16.8
Marsupella arctica	16.7	Gymnomitrium concinatum	16.2
Toninia cumulata	16.1	Orthocaulis kunzeanus	15.9
Cladonia subfurcata	15.9	Cassiope tetragona	15.7
Prasanthus suecicus	15.5	Barbilophozia atlantica	15.5
Parmelia omphalodes	15.4	Schistidium strictum	15.1
Luzula arcuata	15.1	Draba subcapitata	15.1
<i>Constant species (occurrence frequencies)</i>			
Cladonia uncialis	75.0	Empetrum nigrum aggr.	72.0
Cladonia mitis	72.0	Cladonia gracilis	67.0
Cetraria ericetorum	67.0	Vaccinium vitis-idaea	65.0
Cladonia coccifera	62.0	Betula nana	59.0
Dicranum fuscescens	58.0	Cladonia rangiferina	58.0
Cetraria nivalis	55.0	Ochrolechia frigida	54.0
Vaccinium uliginosum	52.0	Ptilidium ciliare	51.0
Cladonia bellidiflora	51.0	Stereocaulon paschale	49.0
Cladonia crispata	48.0	Cladonia pleurota	46.0
Cetraria cucullata	46.0	Cetraria islandica	45.0
Polytrichum commune	42.0	Sphaerophorus globosus	41.0
Juncus trifidus	41.0	Pertusaria geminipara	38.0
Pohlia nutans	36.0	Racomitrium lanuginosum	35.0
Pleurozium schreberi	32.0	Cladonia macrophylla	32.0
Anastrophyllum minutum	32.0	Cladonia amaurocraea	30.0
Carex bigelowii	30.0	Cladonia stellaris	29.0
Vaccinium myrtillus	28.0	Nephroma arcticum	28.0
Salix herbacea	26.0	Polytrichum hyperboreum	26.0
Festuca ovina	25.0	Thamnia vermicularis	23.0
Cladonia sulphurina	23.0	Bryocaulon divergens	23.0
Alectoria nigricans	23.0	Polytrichum strictum	22.0

Polytrichum juniperinum	22.0	Phyllodoce caerulea	20.0
Peltigera scabrosa	20.0	Dicranum elongatum	20.0
Barbilophozia hatcheri	20.0	Lycopodium alpinum	19.0
Cladonia macroceras	19.0	Calamagrostis lapponica	19.0
Avenella flexuosa	19.0	Alectoria ochroleuca	19.0
Trapeliopsis granulosa	17.0	Rubus chamaemorus	17.0
Polytrichum piliferum	17.0	Stereocaulon alpinum	16.0
Pedicularis lapponica	16.0	Dicranum scoparium	16.0
Arctostaphylos alpinus	16.0	Andromeda polifolia	16.0
Lophozia wenzelii	14.0	Loiseleuria procumbens	14.0
Hylocomium splendens	14.0	Cetraria aculeata	14.0
Calluna vulgaris	14.0	Barbilophozia floerkei	14.0
Solidago virgaurea	13.0	Pertusaria dactylina	13.0
Dactylina arctica	13.0	Tetralophozia setiformis	12.0
Salix glauca	12.0	Placynthiella uliginosa	12.0
Cladonia cornuta	12.0	Cladonia arbuscula	12.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Stereocaulon paschale	35.0	Racomitrium lanuginosum	26.0
Empetrum nigrum aggr.	12.0	Ochrolechia frigida	10.0
Cladonia stellaris	9.0	Cetraria nivalis	7.0

**S21 - [F21] Subarctic and alpine dwarf Salix scrub**

*Diagnostic species (phi coefficient \* 100)*

Salix herbacea	52.7	Salix retusa	49.5
Bistorta vivipara	43.1	Salix reticulata	40.1
Silene acaulis	36.6	Gnaphalium supinum	28.0
Poa alpina	26.8	Salix serpillifolia	26.6
Ranunculus alpestris	26.2	Salix polaris	26.1
Bartsia alpina	26.0	Dryas octopetala	24.1
Kobresia myosuroides	23.8	Saxifraga oppositifolia	23.6
Veronica alpina	23.1	Festuca quadriflora	22.1
Primula minima	21.7	Polytrichastrum alpinum	21.0
Minuartia sedoides	21.0	Luzula alpinopilosa	20.8
Myosotis alpestris	20.6	Pedicularis verticillata	20.4
Leucanthemopsis alpina	20.4	Salix reptans	19.2
Veronica aphylla	19.0	Sibbaldia procumbens	18.5
Carex curvula	18.5	Cetraria islandica	18.0
Carex atrata	17.6	Saxifraga aizoides	17.2
Gentiana verna	16.9	Ligusticum mutellinoides	16.8
Campanula alpina	16.8	Antennaria carpatica	16.8
Carex bigelowii	16.3	Thamnotia vermicularis	16.2
Arenaria ciliata	16.2	Saxifraga androsacea	16.1
Sanionia uncinata	16.1	Sedum alpestre	16.0
Oreochloa disticha	16.0	Lloydia serotina	15.4
Hornungia alpina	15.3	Gentiana nivalis	15.3

Conostomum tetragonum	15.2	Luzula confusa	15.1
<i>Constant species (occurrence frequencies)</i>			
Bistorta vivipara	57.0	Salix herbacea	41.0
Salix retusa	33.0	Poa alpina	32.0
Silene acaulis	29.0	Salix reticulata	24.0
Bartsia alpina	22.0	Dryas octopetala	18.0
Cetraria islandica	18.0	Gnaphalium supinum	16.0
Saxifraga oppositifolia	15.0	Myosotis alpestris	14.0
Selaginella selaginoides	13.0	Ranunculus alpestris	13.0
Carex sempervirens	13.0	Campanula scheuchzeri	13.0
Saxifraga aizoides	12.0	Polytrichastrum alpinum	12.0
Gentiana verna	12.0	Veronica alpina	11.0
Vaccinium vitis-idaea	11.0	Vaccinium uliginosum	11.0
Salix polaris	11.0	Luzula alpinopilosa	11.0
Hylocomium splendens	11.0	Festuca quadriflora	11.0
Bellidiastrum michelii	11.0	Anthoxanthum odoratum aggr.	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Salix herbacea	22.0	Salix retusa	21.0
Salix reticulata	9.0	Salix serpillifolia	5.0

## S22 - [F22a] Alpine and subalpine ericoid heath

<i>Diagnostic species (phi coefficient * 100)</i>			
Dryas octopetala	38.0	Rhododendron ferrugineum	22.7
Juniperus communis subsp. nana	22.1	Rhododendron myrtifolium	20.9
Loiseleuria procumbens	20.9	Arctostaphylos uva-ursi	20.7
Cetraria islandica	19.3	Carex firma	19.1
Rhododendron hirsutum	19.0	Juncus trifidus	18.7
Homogyne alpina	17.8	Bistorta vivipara	16.3
Helianthemum alpestre	15.0		
<i>Constant species (occurrence frequencies)</i>			
Vaccinium myrtillus	47.0	Avenella flexuosa	32.0
Vaccinium vitis-idaea	31.0	Dryas octopetala	30.0
Calluna vulgaris	27.0	Homogyne alpina	23.0
Vaccinium uliginosum	21.0	Juniperus communis subsp. nana	21.0
Cetraria islandica	20.0	Bistorta vivipara	20.0
Rhododendron ferrugineum	19.0	Anthoxanthum odoratum aggr.	17.0
Arctostaphylos uva-ursi	16.0	Sesleria caerulea	15.0
Potentilla erecta	15.0	Empetrum nigrum aggr.	15.0
Carex sempervirens	15.0	Hylocomium splendens	14.0
Nardus stricta	13.0	Juncus trifidus	13.0
Dicranum scoparium	13.0	Solidago virgaurea	12.0
Lotus corniculatus	12.0	Campanula scheuchzeri	12.0
Rhododendron hirsutum	11.0	Erica carnea	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Dryas octopetala	21.0	Vaccinium myrtillus	15.0
Rhododendron ferrugineum	13.0	Arctostaphylos uva-ursi	12.0
Calluna vulgaris	11.0	Empetrum nigrum aggr.	8.0
Loiseleuria procumbens	6.0	Erica carnea	6.0
Rhododendron hirsutum	5.0		

**S23 - [F22b] Alpine and subalpine Juniperus scrub**

*Diagnostic species (phi coefficient \* 100)*

Juniperus communis subsp. nana	75.6	Bruckenthalia spiculifolia	27.2
Juniperus sabina	23.1	Daphne oleoides	22.1
Rhododendron myrtifolium	21.3	Potentilla aurea	19.0
Festuca airoides	18.6	Homogyne alpina	17.2
Carex kitaibeliana	16.2	Soldanella hungarica	15.8
Silene multicaulis	15.5	Arctostaphylos uva-ursi	15.3
Festuca valida	15.2	Sesleria juncifolia	15.1

*Constant species (occurrence frequencies)*

Juniperus communis subsp. nana	95.0	Vaccinium myrtillus	47.0
Avenella flexuosa	43.0	Vaccinium vitis-idaea	28.0
Homogyne alpina	23.0	Vaccinium uliginosum	22.0
Luzula luzuloides	21.0	Nardus stricta	20.0
Anthoxanthum odoratum aggr.	19.0	Potentilla aurea	18.0
Campanula patula	15.0	Helianthemum nummularium	14.0
Festuca nigrescens	14.0	Picea abies	13.0
Bruckenthalia spiculifolia	12.0	Arctostaphylos uva-ursi	12.0
Thymus praecox	11.0	Hypericum maculatum	11.0
Festuca rubra	11.0	Antennaria dioica	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Juniperus communis subsp. nana	92.0	Juniperus sabina	8.0
--------------------------------	------	------------------	-----

**S24 - [F22c] Subalpine genistoid scrub of the Amphi-Adriatic region**

*Diagnostic species (phi coefficient \* 100)*

Genista radiata	97.4	Brachypodium genuense	44.1
Festuca luedii	35.9	Stachys alopecuros	34.7
Fourraea alpina	33.1	Carex macrolepis	31.7
Erica carnea	31.2	Laserpitium peucedanoides	30.3
Phyteuma scheuchzeri	30.2	Laserpitium siler	28.9
Bromopsis condensata	28.7	Viola thomasiana	28.3
Globularia meridionalis	28.3	Cyanus triumfettii	27.0
Galium lucidum	26.4	Teucrium montanum	25.8
Asperula purpurea	24.9	Cephalaria laevigata	24.8

Daphne oleoides	24.7	Syringa vulgaris	24.5
Rosa pendulina	24.0	Centaurea nervosa	23.5
Athamanta turbith	23.5	Buphthalmum salicifolium	23.2
Carduus nutans	22.7	Koeleria eriostachya	22.5
Carex sempervirens	22.0	Cirsium erisithales	21.9
Anemone trifolia	21.9	Polygala chamaebuxus	21.8
Bromopsis erecta	21.8	Carduus defloratus aggr.	21.6
Thymus praecox	20.4	Cerastium banaticum	20.2
Dichoropetalum schottii	20.1	Saxifraga hostii	19.9
Leucanthemum heterophyllum	19.9	Festuca xanthina	19.9
Dianthus petraeus	19.9	Linum viscosum	19.5
Festuca alpestris	19.5	Cynoglottis barrelieri	19.4
Helianthemum nummularium	18.9	Leucanthemum adustum	18.8
Euphorbia myrsinites	18.8	Centaurea parlatoris	18.8
Koeleria lobata	18.6	Clinopodium alpinum	18.6
Thesium rostratum	18.3	Sesleria rigida	18.3
Salix appendiculata	18.3	Erysimum sylvestre	18.3
Lilium carniolicum	18.2	Cytisus hirsutus	18.2
Daphne blagayana	17.9	Helictochloa praeusta	17.8
Astrantia minor	17.8	Biscutella laevigata	17.7
Hypericum richeri	17.5	Lunaria annua	17.4
Laserpitium latifolium	17.2	Cotoneaster tomentosus	17.2
Scutellaria altissima	17.1	Carlina acaulis	17.0
Calamagrostis varia	17.0	Thymus longicaulis	16.9
Teucrium chamaedrys	16.8	Seseli rigidum	16.8
Sempervivum marmoreum	16.8	Dianthus monspessulanus	16.6
Cyclamen purpurascens	16.4	Sesleria caerulea	16.2
Orobanche gracilis	16.1	Sesleria nitida	15.9
Cytisus purpureus	15.3		
<i>Constant species (occurrence frequencies)</i>			
Genista radiata	98.0	Bromopsis erecta	40.0
Teucrium chamaedrys	36.0	Helianthemum nummularium	33.0
Thymus praecox	29.0	Teucrium montanum	29.0
Erica carnea	29.0	Sorbus aria aggr.	24.0
Rosa pendulina	24.0	Galium lucidum	24.0
Carex sempervirens	24.0	Brachypodium genuense	24.0
Stachys alopecuro	22.0	Sesleria caerulea	22.0
Carlina acaulis	22.0	Carduus defloratus aggr.	22.0
Polygala chamaebuxus	20.0	Lotus corniculatus	20.0
Buphthalmum salicifolium	20.0	Laserpitium siler	18.0
Dactylis glomerata	18.0	Carex humilis	18.0
Calamagrostis varia	18.0	Vaccinium myrtillus	16.0
Solidago virgaurea	16.0	Laserpitium latifolium	16.0
Galium mollugo aggr.	16.0	Fourraea alpina	16.0
Cytisus hirsutus	16.0	Cyanus triumfettii	16.0
Cirsium erisithales	16.0	Cerastium arvense	16.0
Carduus nutans	16.0	Asperula purpurea	16.0

Anthoxanthum odoratum aggr.	16.0	Achillea millefolium aggr.	16.0
Potentilla erecta	13.0	Phyteuma scheuchzeri	13.0
Laserpitium peucedanoides	13.0	Festuca nigrescens	13.0
Festuca luedii	13.0	Cyclamen purpurascens	13.0
Carex macrolepis	13.0	Carex flacca	13.0
Campanula scheuchzeri	13.0	Calamagrostis arundinacea	13.0
Biscutella laevigata	13.0	Avenella flexuosa	13.0
Anemone trifolia	13.0	Amelanchier ovalis	13.0
Thymus longicaulis	11.0	Tanacetum corymbosum	11.0
Syringa vulgaris	11.0	Stachys recta	11.0
Silene vulgaris	11.0	Salix appendiculata	11.0
Quercus pubescens	11.0	Prunella grandiflora	11.0
Pimpinella saxifraga	11.0	Nardus stricta	11.0
Globularia meridionalis	11.0	Galium verum	11.0
Daphne oleoides	11.0	Calluna vulgaris	11.0
Brachypodium rupestre	11.0	Brachypodium pinnatum	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Genista radiata	98.0	Erica carnea	11.0
Festuca luedii	7.0		

**S25 - [F23] Subalpine and subarctic deciduous scrub**

*Diagnostic species (phi coefficient \* 100)*

Alnus viridis	60.7	Peucedanum ostruthium	33.5
Viola biflora	32.8	Athyrium distentifolium	31.1
Rumex arifolius	29.3	Adenostyles alliariae	29.2
Salix silesiaca	25.8	Saxifraga rotundifolia	24.8
Veratrum album	24.6	Achillea macrophylla	23.9
Salix hastata	23.4	Geranium sylvaticum aggr.	23.1
Salix appendiculata	22.6	Salix waldsteiniana	21.7
Salix lapponum	21.6	Salix helvetica	21.0
Agrostis schraderiana	20.2	Lactuca alpina	20.0
Chaerophyllum villarsii	18.4	Salix phylicifolia	18.3
Aconitum napellus	18.2	Stellaria borealis	17.7
Salix glauca	16.3	Stellaria nemorum	16.2
Epilobium alpestre	15.3	Rhodiola rosea	15.1
Polystichum lonchitis	15.1		

*Constant species (occurrence frequencies)*

Alnus viridis	51.0	Viola biflora	35.0
Geranium sylvaticum aggr.	33.0	Vaccinium myrtillus	32.0
Rubus idaeus	28.0	Deschampsia cespitosa	27.0
Adenostyles alliariae	27.0	Veratrum album	26.0
Solidago virgaurea	26.0	Rumex arifolius	26.0
Sorbus aucuparia	24.0	Stellaria nemorum	23.0
Peucedanum ostruthium	22.0	Saxifraga rotundifolia	21.0



Chaerophyllum hirsutum	21.0	Athyrium distentifolium	21.0
Senecio nemorensis aggr.	20.0	Oxalis acetosella	20.0
Homogyne alpina	19.0	Avenella flexuosa	19.0
Picea abies	16.0	Luzula sylvatica	16.0
Hypericum maculatum	16.0	Calamagrostis villosa	16.0
Geum rivale	15.0	Dryopteris filix-mas	15.0
Athyrium filix-femina	15.0	Salix appendiculata	14.0
Lactuca alpina	13.0	Dryopteris dilatata	13.0
Thalictrum aquilegifolium	12.0	Salix silesiaca	12.0
Rhododendron ferrugineum	12.0	Silene vulgaris	11.0
Poa nemoralis	11.0	Luzula luzuloides	11.0
Chaerophyllum villarsii	11.0	Aconitum napellus	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Alnus viridis	47.0	Salix lapponum	7.0
Salix silesiaca	6.0	Salix phylicifolia	6.0
Rhamnus alpina	5.0	Adenostyles alliariae	5.0

**S26 - [F24] Subalpine Pinus mugo scrub**

*Diagnostic species (phi coefficient \* 100)*

Pinus mugo	85.9	Rhododendron hirsutum	45.5
Sorbus chamaemespilus	42.1	Homogyne alpina	38.8
Erica carnea	36.1	Salix glabra	32.1
Juniperus communis subsp. nana	32.1	Calamagrostis villosa	31.6
Rhodothamnus chamaecistus	28.4	Salix appendiculata	25.7
Lonicera caerulea	25.7	Daphne striata	25.3
Laserpitium peucedanoides	25.0	Salix waldsteiniana	24.6
Cetraria islandica	24.3	Vaccinium vitis-idaea	24.2
Viola biflora	23.9	Vaccinium myrtillus	22.8
Rosa pendulina	22.7	Valeriana saxatilis	22.2
Valeriana tripteris	22.0	Rhododendron ferrugineum	22.0
Clematis alpina	21.5	Valeriana montana	21.4
Sesleria caerulea	20.1	Stachys alopecuros	20.0
Calamagrostis varia	19.5	Astrantia bavarica	19.3
Carex ferruginea	19.2	Veratrum album	18.9
Luzula sylvatica	18.8	Galium anisophyllum	17.8
Campanula scheuchzeri	17.8	Lycopodium annotinum	17.5
Bellidiastrum michelii	17.4	Athyrium distentifolium	17.2
Gentiana pannonica	17.0	Rubus saxatilis	16.6
Soldanella alpina	16.5	Dryas octopetala	16.3
Rhododendron myrtifolium	15.8	Homogyne sylvestris	15.5
Biscutella laevigata	15.3	Polygala chamaebuxus	15.2
Carex firma	15.2	Paederota lutea	15.1
Helianthemum alpestre	15.0		

*Constant species (occurrence frequencies)*

Pinus mugo	99.0	Vaccinium myrtillus	85.0
Vaccinium vitis-idaea	68.0	Homogyne alpina	53.0
Picea abies	39.0	Dicranum scoparium	39.0
Sorbus aucuparia	35.0	Calamagrostis villosa	35.0
Avenella flexuosa	35.0	Hylocomium splendens	34.0
Rhododendron hirsutum	33.0	Erica carnea	33.0
Pleurozium schreberi	32.0	Juniperus communis subsp. nana	32.0
Luzula sylvatica	30.0	Sorbus chamaemespilus	27.0
Sesleria caerulea	27.0	Oxalis acetosella	27.0
Viola biflora	25.0	Rhytiadelphus triquetrus	25.0
Cetraria islandica	25.0	Solidago virgaurea	23.0
Rubus saxatilis	23.0	Rosa pendulina	23.0
Geranium sylvaticum aggr.	21.0	Valeriana tripteris	20.0
Lycopodium annotinum	20.0	Dryopteris dilatata	20.0
Calamagrostis varia	20.0	Veratrum album	19.0
Hieracium murorum	19.0	Rhododendron ferrugineum	18.0
Campanula scheuchzeri	18.0	Vaccinium uliginosum	17.0
Bellidiastrum michelii	17.0	Salix appendiculata	16.0
Rubus idaeus	16.0	Potentilla erecta	16.0
Daphne mezereum	16.0	Valeriana montana	15.0
Salix glabra	14.0	Luzula luzuloides	14.0
Larix decidua	14.0	Galium anisophyllum	14.0
Tortella tortuosa	13.0	Rhodothamnus chamaecistus	13.0
Polygonatum verticillatum	13.0	Polygala chamaebuxus	13.0
Phyteuma orbiculare	13.0	Lonicera caerulea	13.0
Clematis alpina	13.0	Carex ferruginea	13.0
Carduus defloratus aggr.	13.0	Soldanella alpina	12.0
Dryas octopetala	12.0	Stachys alopecuroides	11.0
Juniperus communis subsp. communis	11.0	Calluna vulgaris	11.0
Biscutella laevigata	11.0	Anthoxanthum odoratum aggr.	11.0
Adenostyles alliariae	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Pinus mugo	98.0	Vaccinium myrtillus	30.0
Rhododendron hirsutum	11.0	Erica carnea	11.0
Rhododendron ferrugineum	6.0	Pleurozium schreberi	6.0

**S31 - [F31a] Lowland to montane temperate and submediterranean Juniperus scrub**

*Diagnostic species (phi coefficient \* 100)*

Juniperus communis subsp. communis	42.6	Barbilophozia barbata	19.5
Brachypodium genuense	19.1	Daphne oleoides	18.1
Campanula collina	16.5	Globularia meridionalis	16.2
Stachys macrantha	15.2	Carex macrolepis	15.1
Sesleria juncifolia	15.0		

*Constant species (occurrence frequencies)*

Juniperus communis subsp. communis	100.0	Avenella flexuosa	30.0
Calluna vulgaris	25.0	Pleurozium schreberi	23.0
Vaccinium myrtillus	21.0	Dicranum scoparium	21.0
Rosa canina aggr.	16.0	Festuca ovina	15.0
Lotus corniculatus	14.0	Hypnum jutlandicum	14.0
Teucrium chamaedrys	13.0	Hylocomium splendens	13.0
Bromopsis erecta	13.0	Anthoxanthum odoratum aggr.	13.0
Vaccinium vitis-idaea	12.0	Potentilla erecta	12.0
Hypnum cupressiforme	12.0	Helianthemum nummularium	12.0
Galium saxatile	12.0	Frangula alnus	12.0
Sorbus aucuparia	11.0	Pinus sylvestris	11.0
Brachypodium pinnatum	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Juniperus communis subsp. communis	100.0	Brachypodium pinnatum	6.0
------------------------------------	-------	-----------------------	-----

**S32 - [F31b] Temperate Rubus scrub**

*Diagnostic species (phi coefficient \* 100)*

Rubus caesius	18.4		
---------------	------	--	--

*Constant species (occurrence frequencies)*

Urtica dioica	42.0	Rubus fruticosus aggr.	42.0
Rubus idaeus	37.0	Rubus caesius	35.0
Cirsium arvense	21.0	Galium aparine	20.0
Elytrigia repens	20.0	Epilobium angustifolium	19.0
Dactylis glomerata	19.0	Sorbus aucuparia	17.0
Arrhenatherum elatius	17.0	Agrostis capillaris	15.0
Avenella flexuosa	14.0	Picea abies	13.0
Calystegia sepium	13.0	Vaccinium myrtillus	11.0
Poa trivialis	11.0	Oxalis acetosella	11.0
Calamagrostis epigejos	11.0	Betula pendula	11.0
Artemisia vulgaris	11.0	Achillea millefolium aggr.	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Rubus fruticosus aggr.	33.0	Rubus caesius	32.0
Rubus idaeus	27.0		

**S33 - [F31c] Lowland to montane temperate and submediterranean genistoid scrub**

*Diagnostic species (phi coefficient \* 100)*

Cytisus scoparius	41.5	Genista florida	36.5
Lavandula pedunculata	35.5	Cytisus multiflorus	35.1
Adenocarpus complicatus	28.0	Genista cinerascens	26.1
Thymus mastichina	26.0	Cytisus striatus	26.0
Retama sphaerocarpa	23.9	Digitalis thapsi	20.7

Santolina rosmarinifolia	18.8	Cistus ladanifer	17.2
Adenocarpus hispanicus	17.1	Cytisus cantabricus	16.9
Festuca elegans	16.6	Celtica gigantea	15.6
Cistus umbellatus	15.2		
<i>Constant species (occurrence frequencies)</i>			
Cytisus scoparius	69.0	Pteridium aquilinum	34.0
Lavandula pedunculata	20.0	Agrostis capillaris	20.0
Teucrium scorodonia	19.0	Rubus ulmifolius	18.0
Genista florida	18.0	Calluna vulgaris	17.0
Erica arborea	15.0	Cytisus multiflorus	15.0
Rumex acetosella	14.0	Dactylis glomerata	14.0
Thymus mastichina	12.0	Holcus mollis	12.0
Crataegus monogyna	12.0	Avenella flexuosa	12.0
Achillea millefolium aggr.	12.0	Hypochaeris radicata	11.0
Hypericum perforatum	11.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Cytisus scoparius	56.0	Genista florida	10.0
Cytisus multiflorus	8.0	Genista cinerascens	5.0

### **S34 - [F31d] Balkan-Anatolian submontane genistoid scrub**

<i>Diagnostic species (phi coefficient * 100)</i>			
Genista lydia	99.2	Festuca koritnicensis	81.0
Thymus thracicus	80.3	Rostraria cristata	71.5
Trifolium heldreichianum	56.4	Centaurea grisebachii	56.1
Minuartia hirsuta	56.0	Sesleria robusta	55.8
Carduus tmoleus	55.8	Centaurea affinis	55.0
Astragalus angustifolius	54.8	Allium guttatum	54.7
Dianthus petraeus	54.3	Hypericum olympicum	53.5
Thymus sibthorpii	51.6	Daphne oleoides	51.1
Koeleria lobata	48.6	Micropyrum tenellum	47.7
Sedum ochroleucum	47.5	Asperula aristata	44.6
Botrychium lunaria	43.8	Scabiosa ochroleuca	33.9
Juniperus communis subsp. nana	32.3	Carex humilis	24.3
Anthoxanthum odoratum aggr.	18.4		
<i>Constant species (occurrence frequencies)</i>			
Genista lydia	100.0	Thymus thracicus	67.0
Rostraria cristata	67.0	Festuca koritnicensis	67.0
Anthoxanthum odoratum aggr.	67.0	Trifolium heldreichianum	33.0
Thymus sibthorpii	33.0	Sesleria robusta	33.0
Sedum ochroleucum	33.0	Scabiosa ochroleuca	33.0
Rumex acetosella	33.0	Minuartia hirsuta	33.0
Micropyrum tenellum	33.0	Koeleria lobata	33.0
Juniperus communis subsp. nana	33.0	Hypericum olympicum	33.0

Helianthemum nummularium	33.0	Fragaria vesca	33.0
Euphorbia amygdaloides	33.0	Dianthus petraeus	33.0
Daphne oleoides	33.0	Centaurea grisebachii	33.0
Centaurea affinis	33.0	Carex humilis	33.0
Carduus tmoleus	33.0	Calamagrostis arundinacea	33.0
Bromus hordeaceus	33.0	Brachypodium pinnatum	33.0
Botrychium lunaria	33.0	Astragalus angustifolius	33.0
Asperula aristata	33.0	Allium guttatum	33.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Genista lydia	100.0
---------------	-------

### **S35 - [F31e] Temperate and submediterranean thorn scrub**

*Diagnostic species (phi coefficient \* 100)*

Prunus spinosa	26.4	Rosa canina aggr.	20.4
----------------	------	-------------------	------

*Constant species (occurrence frequencies)*

Prunus spinosa	60.0	Crataegus monogyna	51.0
Rosa canina aggr.	43.0	Cornus sanguinea	36.0
Urtica dioica	31.0	Ligustrum vulgare	28.0
Rubus ulmifolius	26.0	Galium aparine	26.0
Sambucus nigra	24.0	Euonymus europaeus	21.0
Hedera helix	20.0	Dactylis glomerata	19.0
Clematis vitalba	19.0	Rubus fruticosus aggr.	17.0
Rubus caesius	17.0	Corylus avellana	16.0
Geum urbanum	14.0	Galium mollugo aggr.	14.0
Fraxinus excelsior	14.0	Rhamnus cathartica	13.0
Glechoma hederacea	13.0	Viburnum lantana	12.0
Hypericum perforatum	11.0	Acer campestre	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Prunus spinosa	37.0	Crataegus monogyna	20.0
Rubus ulmifolius	14.0	Cornus sanguinea	10.0
Sambucus nigra	7.0	Ligustrum vulgare	6.0

### **S36 - [F31f] Low steppic scrub**

*Diagnostic species (phi coefficient \* 100)*

Prunus fruticosa	62.0	Prunus tenella	53.0
Caragana frutex	43.3	Spiraea media	42.9
Phlomis tuberosa	35.5	Elytrigia intermedia	33.8
Salvia nemorosa	30.7	Galium glaucum	27.7
Vinca herbacea	25.7	Stachys recta	25.5
Hylotelephium maximum	25.4	Thalictrum minus	24.5
Melica transsilvanica	23.8	Artemisia pontica	23.3

Fragaria viridis	23.0	Falcaria vulgaris	22.9
Bromopsis inermis	22.1	Achillea pannonica	21.5
Rosa spinosissima	21.2	Adonis vernalis	21.2
Spiraea crenata	20.9	Nepeta nuda	20.8
Asparagus officinalis	20.3	Aconitum anthora	20.2
Euphorbia epithymoides	19.7	Poa transbaicalica	19.4
Medicago falcata	19.2	Peucedanum alsaticum	18.9
Iris variegata	18.3	Veronica spicata	18.0
Salvia nutans	18.0	Geranium sanguineum	18.0
Phlomis herba-venti	17.8	Waldsteinia geoides	17.6
Veronica spuria	17.1	Teucrium chamaedrys	17.0
Festuca stricta subsp. sulcata	16.9	Festuca valesiaca	16.4
Salvia dumetorum	16.3	Valeriana rossica	16.2
Stipa capillata	16.2	Allium lineare	15.9
Carduus collinus	15.8	Securigera varia	15.6
Rosa gallica	15.6	Vincetoxicum hirundinaria	15.5
Rosa majalis	15.4	Veronica austriaca	15.2
Filipendula vulgaris	15.1	Artemisia sericea	15.0
<i>Constant species (occurrence frequencies)</i>			
Prunus fruticosa	42.0	Poa pratensis aggr.	37.0
Teucrium chamaedrys	36.0	Galium verum	34.0
Stachys recta	31.0	Prunus tenella	31.0
Euphorbia cyparissias	29.0	Fragaria viridis	27.0
Elytrigia intermedia	27.0	Medicago falcata	26.0
Hylotelephium maximum	26.0	Elytrigia repens	26.0
Prunus spinosa	25.0	Rosa canina aggr.	24.0
Caragana frutex	24.0	Vincetoxicum hirundinaria	23.0
Festuca valesiaca	23.0	Achillea millefolium aggr.	23.0
Thalictrum minus	22.0	Salvia nemorosa	22.0
Spiraea media	21.0	Securigera varia	21.0
Hypericum perforatum	21.0	Galium mollugo aggr.	20.0
Filipendula vulgaris	20.0	Phlomis tuberosa	19.0
Origanum vulgare	19.0	Galium glaucum	19.0
Festuca stricta subsp. sulcata	19.0	Geranium sanguineum	18.0
Falcaria vulgaris	18.0	Eryngium campestre	17.0
Centaurea scabiosa	17.0	Bromopsis inermis	17.0
Veronica spicata	16.0	Thymus pulegioides	16.0
Crataegus monogyna	16.0	Salvia pratensis	15.0
Potentilla cinerea	15.0	Silene latifolia	14.0
Rosa spinosissima	14.0	Brachypodium pinnatum	14.0
Veronica austriaca	13.0	Stipa capillata	13.0
Melica transsilvanica	13.0	Dactylis glomerata	13.0
Asperula cynanchica	13.0	Asparagus officinalis	13.0
Achillea pannonica	13.0	Trifolium alpestre	12.0
Phleum phleoides	12.0	Agrimonia eupatoria	12.0
Adonis vernalis	12.0	Vinca herbacea	11.0
Scabiosa ochroleuca	11.0	Potentilla argentea	11.0

Pimpinella saxifraga	11.0	Galium aparine	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Prunus fruticosa	32.0	Prunus tenella	28.0
Spiraea media	21.0	Caragana frutex	19.0
<b>S37 - [F31g] Corylus avellana scrub</b>			
<i>Diagnostic species (phi coefficient * 100)</i>			
Corylus avellana	29.8	Primula acaulis	17.1
<i>Constant species (occurrence frequencies)</i>			
Corylus avellana	100.0	Crataegus monogyna	44.0
Hedera helix	40.0	Geranium robertianum	30.0
Geum urbanum	29.0	Fragaria vesca	28.0
Cornus sanguinea	27.0	Prunus spinosa	26.0
Poa nemoralis	26.0	Stellaria holostea	25.0
Rubus fruticosus aggr.	25.0	Brachypodium sylvaticum	25.0
Urtica dioica	24.0	Oxalis acetosella	23.0
Lonicera periclymenum	23.0	Fraxinus excelsior	23.0
Dryopteris filix-mas	23.0	Rosa canina aggr.	22.0
Mercurialis perennis	21.0	Viola reichenbachiana	20.0
Primula acaulis	20.0	Lonicera xylosteum	20.0
Veronica chamaedrys	19.0	Hepatica nobilis	19.0
Athyrium filix-femina	18.0	Sambucus nigra	17.0
Pteridium aquilinum	17.0	Euonymus europaeus	17.0
Acer campestre	17.0	Lamium galeobdolon	16.0
Galium aparine	16.0	Campanula trachelium	16.0
Anemone nemorosa	16.0	Vicia sepium	15.0
Sanicula europaea	15.0	Ligustrum vulgare	15.0
Asarum europaeum	15.0	Aegopodium podagraria	15.0
Melica uniflora	14.0	Carex sylvatica	14.0
Ajuga reptans	14.0	Viburnum opulus	13.0
Sorbus aucuparia	13.0	Ilex aquifolium	13.0
Heracleum sphondylium	13.0	Euphorbia amygdaloides	13.0
Clematis vitalba	13.0	Viburnum lantana	12.0
Quercus petraea	12.0	Polygonatum multiflorum	12.0
Hyacinthoides non-scripta	12.0	Eurhynchium striatum	12.0
Dioscorea communis	12.0	Dactylis glomerata	12.0
Thuidium tamariscinum	11.0	Stachys officinalis	11.0
Rosa arvensis	11.0	Primula veris	11.0
Potentilla sterilis	11.0	Plagiomnium undulatum	11.0
Arum maculatum	11.0	Acer pseudoplatanus	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Corylus avellana	100.0	Hedera helix	12.0

### S38 - [F31h] Temperate forest clearing scrub

#### *Diagnostic species (phi coefficient \* 100)*

Salix caprea	35.4	Dryopteris dilatata	15.6
--------------	------	---------------------	------

#### *Constant species (occurrence frequencies)*

Salix caprea	59.0	Rubus fruticosus aggr.	53.0
Sorbus aucuparia	51.0	Quercus robur	44.0
Urtica dioica	38.0	Rubus idaeus	33.0
Betula pendula	33.0	Hedera helix	32.0
Dryopteris dilatata	32.0	Corylus avellana	29.0
Athyrium filix-femina	27.0	Vaccinium myrtillus	24.0
Fagus sylvatica	24.0	Oxalis acetosella	23.0
Lonicera periclymenum	23.0	Avenella flexuosa	23.0
Dryopteris carthusiana	22.0	Picea abies	21.0
Fraxinus excelsior	21.0	Dryopteris filix-mas	21.0
Sambucus nigra	19.0	Frangula alnus	19.0
Dactylis glomerata	19.0	Ranunculus repens	18.0
Pteridium aquilinum	18.0	Crataegus monogyna	18.0
Acer pseudoplatanus	18.0	Juncus effusus	17.0
Ilex aquifolium	17.0	Geranium robertianum	17.0
Galium aparine	17.0	Angelica sylvestris	17.0
Fragaria vesca	16.0	Sambucus racemosa	14.0
Populus tremula	14.0	Epilobium angustifolium	14.0
Senecio nemorensis aggr.	13.0	Polytrichastrum formosum	13.0
Pinus sylvestris	13.0	Deschampsia cespitosa	13.0
Thuidium tamariscinum	12.0	Solidago virgaurea	12.0
Prunus spinosa	12.0	Molinia caerulea aggr.	12.0
Heracleum sphondylium	12.0	Betula pubescens	12.0
Rosa canina aggr.	11.0	Geum urbanum	11.0
Epilobium montanum	11.0	Agrostis capillaris	11.0

#### *Dominant species (percentage frequencies of occurrences with cover > 25%)*

Salix caprea	54.0	Sorbus aucuparia	43.0
Rubus fruticosus aggr.	26.0	Hedera helix	13.0
Quercus robur	9.0	Urtica dioica	8.0
Pinus sylvestris	7.0	Betula pendula	7.0
Vaccinium myrtillus	6.0	Sambucus racemosa	6.0
Corylus avellana	6.0		

### S41 - [F41] Wet heath

#### *Diagnostic species (phi coefficient \* 100)*

Erica tetralix	56.2	Juncus squarrosus	28.2
Sphagnum compactum	26.6	Trichophorum cespitosum	25.8
Calluna vulgaris	25.1	Molinia caerulea aggr.	24.0



Drosera intermedia	19.7	Drosera rotundifolia	18.3
Cladonia portentosa	17.9	Gentiana pneumonanthe	17.8
Rhynchospora fusca	17.3	Gymnocolea inflata	17.3
Narthecium ossifragum	16.9		
<i>Constant species (occurrence frequencies)</i>			
Erica tetralix	89.0	Calluna vulgaris	80.0
Molinia caerulea aggr.	75.0	Potentilla erecta	37.0
Trichophorum cespitosum	35.0	Eriophorum angustifolium	28.0
Juncus squarrosus	27.0	Drosera rotundifolia	27.0
Sphagnum compactum	18.0	Pinus sylvestris	17.0
Hypnum jutlandicum	16.0	Hypnum cupressiforme	16.0
Betula pubescens	16.0	Carex panicea	15.0
Salix repens	14.0	Narthecium ossifragum	14.0
Nardus stricta	14.0	Cladonia portentosa	14.0
Dicranum scoparium	13.0	Pleurozium schreberi	12.0
Eriophorum vaginatum	12.0	Drosera intermedia	12.0
Carex nigra	12.0	Gentiana pneumonanthe	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Erica tetralix	79.0	Calluna vulgaris	26.0
Molinia caerulea aggr.	22.0		
<b>S42 - [F42] Dry heath</b>			
<i>Diagnostic species (phi coefficient * 100)</i>			
Calluna vulgaris	27.5	Erica cinerea	18.6
<i>Constant species (occurrence frequencies)</i>			
Calluna vulgaris	84.0	Avenella flexuosa	40.0
Vaccinium myrtillus	38.0	Pleurozium schreberi	31.0
Potentilla erecta	28.0	Dicranum scoparium	27.0
Vaccinium vitis-idaea	20.0	Molinia caerulea aggr.	20.0
Erica cinerea	20.0	Agrostis capillaris	20.0
Festuca ovina	18.0	Pinus sylvestris	17.0
Nardus stricta	17.0	Hypnum jutlandicum	17.0
Danthonia decumbens	16.0	Hypnum cupressiforme	15.0
Erica tetralix	15.0	Hylocomium splendens	14.0
Carex pilulifera	14.0	Anthoxanthum odoratum aggr.	14.0
Empetrum nigrum aggr.	13.0	Galium saxatile	12.0
Eriophorum vaginatum	12.0	Betula pendula	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Calluna vulgaris	68.0	Vaccinium myrtillus	17.0
Pleurozium schreberi	8.0	Hypnum jutlandicum	6.0
Erica cinerea	6.0		

### S43 - [F43] Macaronesian heath

#### *Diagnostic species (phi coefficient \* 100)*

Huperzia dentata	68.1	Thymus caespititius	67.9
Holcus rigidus	67.9	Vaccinium cylindraceum	62.9
Luzula elegans	57.4	Tolpis azorica	51.4
Agrostis castellana	48.6	Blechnum spicant	47.4
Lysimachia azorica	44.5	Lycopodiella cernua	44.5
Leontodon filii	44.5	Hypericum foliosum	44.5
Daboecia azorica	44.5	Centaurium scilloides	44.1
Erica scoparia	43.7	Leontodon rigens	36.4
Frangula azorica	36.2	Pittosporum undulatum	36.1
Juniperus brevifolia	36.0	Deschampsia foliosa	36.0
Morella faya	33.5	Silene uniflora	25.7
Hedychium gardnerianum	25.7	Carex peregrina	25.7
Platanthera micrantha	25.6	Hedera azorica	25.4
Calluna vulgaris	24.9	Frullania tamarisci	23.1
Lotus parviflorus	23.0	Hypericum humifusum	22.7
Osmunda regalis	22.2	Sibthorpia europaea	21.4
Lobelia urens	19.0	Lotus pedunculatus	17.9
Carex demissa	17.8	Potentilla anglica	17.7
Viburnum tinus	16.5	Potentilla erecta	15.0

#### *Constant species (occurrence frequencies)*

Calluna vulgaris	80.0	Blechnum spicant	67.0
Potentilla erecta	53.0	Thymus caespititius	47.0
Huperzia dentata	47.0	Holcus rigidus	47.0
Erica scoparia	47.0	Vaccinium cylindraceum	40.0
Agrostis castellana	40.0	Luzula elegans	33.0
Lotus pedunculatus	33.0	Tolpis azorica	27.0
Hypochaeris radicata	27.0	Lysimachia azorica	20.0
Lycopodiella cernua	20.0	Leontodon filii	20.0
Hypericum foliosum	20.0	Daboecia azorica	20.0
Centaurium scilloides	20.0	Anthoxanthum odoratum aggr.	20.0
Viburnum tinus	13.0	Rubia peregrina	13.0
Pteridium aquilinum	13.0	Pittosporum undulatum	13.0
Osmunda regalis	13.0	Morella faya	13.0
Leontodon rigens	13.0	Juniperus brevifolia	13.0
Hypericum humifusum	13.0	Holcus lanatus	13.0
Frullania tamarisci	13.0	Frangula azorica	13.0
Deschampsia foliosa	13.0	Danthonia decumbens	13.0
Carex pilulifera	13.0	Carex demissa	13.0

#### *Dominant species (percentage frequencies of occurrences with cover > 25%)*

Calluna vulgaris	67.0	Thymus caespititius	13.0
Frullania tamarisci	13.0	Erica scoparia	13.0
Erica arborea	7.0	Daboecia azorica	7.0

### S51 - [F51] Mediterranean maquis and arborescent matorral

#### *Diagnostic species (phi coefficient \* 100)*

Pistacia lentiscus	37.3	Juniperus phoenicea	34.7
Erica arborea	31.3	Myrtus communis	28.7
Arbutus unedo	26.2	Smilax aspera	26.1
Juniperus oxycedrus	25.7	Cistus salviifolius	24.1
Asparagus acutifolius	24.0	Phillyrea latifolia	23.6
Cistus monspeliensis	23.1	Phillyrea angustifolia	22.5
Calicotome villosa	22.1	Brachypodium retusum	21.5
Rubia peregrina	21.3	Lonicera implexa	21.2
Rhamnus alaternus	21.1	Prasium majus	21.0
Cistus creticus	18.1	Daphne gnidium	17.0
Olea europaea	16.8	Quercus ilex	16.6
Calicotome spinosa	16.6	Arisarum vulgare	16.4
Rosmarinus officinalis	15.5		

#### *Constant species (occurrence frequencies)*

Pistacia lentiscus	46.0	Rubia peregrina	43.0
Erica arborea	38.0	Smilax aspera	34.0
Asparagus acutifolius	33.0	Juniperus oxycedrus	31.0
Arbutus unedo	29.0	Juniperus phoenicea	28.0
Brachypodium retusum	28.0	Phillyrea latifolia	26.0
Cistus salviifolius	25.0	Quercus ilex	24.0
Myrtus communis	23.0	Rhamnus alaternus	21.0
Phillyrea angustifolia	21.0	Rubus ulmifolius	19.0
Lonicera implexa	19.0	Cistus monspeliensis	18.0
Pinus halepensis	15.0	Daphne gnidium	15.0
Rosmarinus officinalis	14.0	Olea europaea	14.0
Calicotome villosa	14.0	Dactylis glomerata	13.0
Clematis flammula	13.0	Cistus creticus	13.0
Prasium majus	12.0	Arisarum vulgare	12.0

#### *Dominant species (percentage frequencies of occurrences with cover > 25%)*

Erica arborea	24.0	Juniperus phoenicea	21.0
Juniperus oxycedrus	15.0	Arbutus unedo	12.0
Myrtus communis	10.0	Pistacia lentiscus	8.0
Phillyrea latifolia	6.0	Calicotome villosa	6.0

### S52 - [F53] Submediterranean pseudomaquis

#### *Diagnostic species (phi coefficient \* 100)*

Buxus sempervirens	51.8	Juniperus phoenicea	28.6
Amelanchier ovalis	28.1	Thymus vulgaris	26.2
Juniperus oxycedrus	19.0	Rubia peregrina	18.8

Phillyrea latifolia	18.3	Paliurus spina-christi	18.2
Genista scorpius	18.2	Aphyllanthes monspeliensis	18.1
Pistacia terebinthus	17.8	Quercus ilex	17.3
Quercus pubescens	17.2	Rhamnus alaternus	17.0
Genista hispanica	15.8	Lavandula latifolia	15.7
Rhamnus saxatilis	15.4	Teucrium chamaedrys	15.2
<i>Constant species (occurrence frequencies)</i>			
Buxus sempervirens	73.0	Rubia peregrina	39.0
Amelanchier ovalis	34.0	Quercus pubescens	33.0
Thymus vulgaris	32.0	Teucrium chamaedrys	32.0
Quercus ilex	26.0	Juniperus phoenicea	24.0
Juniperus communis subsp. communis	24.0	Juniperus oxycedrus	23.0
Crataegus monogyna	21.0	Phillyrea latifolia	20.0
Hedera helix	20.0	Asparagus acutifolius	20.0
Ruscus aculeatus	18.0	Rhamnus alaternus	18.0
Fraxinus ornus	17.0	Aphyllanthes monspeliensis	17.0
Genista scorpius	16.0	Pistacia terebinthus	15.0
Hippocrepis emerus	15.0	Rubus ulmifolius	14.0
Carex humilis	14.0	Smilax aspera	13.0
Rosa canina aggr.	13.0	Erica arborea	13.0
Corylus avellana	13.0	Bromopsis erecta	13.0
Genista hispanica	12.0	Dioscorea communis	12.0
Dactylis glomerata	12.0	Clematis flammula	12.0
Sorbus aria aggr.	11.0	Quercus rotundifolia	11.0
Lavandula latifolia	11.0	Hepatica nobilis	11.0
Cornus sanguinea	11.0	Carex halleriana	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Buxus sempervirens	70.0	Paliurus spina-christi	7.0
Juniperus phoenicea	7.0	Erica arborea	7.0

### **S53 - [F54] Spartium junceum scrub**

<i>Diagnostic species (phi coefficient * 100)</i>			
Spartium junceum	86.2	Rubus ulmifolius	32.4
Brachypodium rupestre	29.4	Asparagus acutifolius	28.3
Clematis flammula	26.0	Osyris alba	25.5
Bituminaria bituminosa	24.1	Dittrichia viscosa	23.5
Clematis vitalba	23.3	Foeniculum vulgare	21.7
Dorycnium hirsutum	20.1	Rubia peregrina	19.7
Quercus pubescens	19.2	Paliurus spina-christi	18.6
Colutea arborescens	17.9	Clinopodium nepeta	17.4
Pyrus spinosa	17.3	Lathyrus latifolius	17.1
Fraxinus ornus	16.8	Coriaria myrtifolia	16.5
Carlina corymbosa	16.5	Rosa agrestis	16.3
Rosa sempervirens	15.6	Rosa canina aggr.	15.6

Helichrysum italicum	15.4	Arundo plinii	15.4
Sixalix atropurpurea	15.2		
<i>Constant species (occurrence frequencies)</i>			
Spartium junceum	100.0	Rubus ulmifolius	62.0
Dactylis glomerata	42.0	Clematis vitalba	42.0
Rubia peregrina	40.0	Asparagus acutifolius	40.0
Crataegus monogyna	37.0	Quercus pubescens	36.0
Rosa canina aggr.	34.0	Brachypodium rupestre	33.0
Prunus spinosa	30.0	Cornus sanguinea	27.0
Clematis flammula	24.0	Teucrium chamaedrys	23.0
Fraxinus ornus	23.0	Osyris alba	21.0
Ligustrum vulgare	19.0	Bituminaria bituminosa	19.0
Sanguisorba minor	17.0	Dittrichia viscosa	17.0
Ulmus minor	14.0	Rhamnus alaternus	14.0
Pistacia lentiscus	14.0	Lonicera etrusca	14.0
Juniperus oxycedrus	14.0	Bromopsis erecta	14.0
Brachypodium phoenicoides	14.0	Rosa sempervirens	13.0
Juniperus communis subsp. communis	13.0	Hippocrepis emerus	13.0
Hedera helix	13.0	Foeniculum vulgare	13.0
Dorycnium hirsutum	13.0	Dioscorea communis	13.0
Daucus carota	13.0	Rubus fruticosus aggr.	12.0
Eryngium campestre	12.0	Carlina corymbosa	12.0
Brachypodium pinnatum	12.0	Helichrysum italicum	11.0
Cytisophyllum sessilifolium	11.0	Clinopodium nepeta	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Spartium junceum	100.0	Brachypodium rupestre	6.0

#### **S54 - [F55] Thermomediterranean arid scrub**

##### *Diagnostic species (phi coefficient \* 100)*

Euphorbia dendroides	88.4	Prasium majus	55.6
Pistacia lentiscus	53.0	Olea europaea	51.4
Teucrium fruticans	48.7	Arisarum vulgare	48.7
Hyparrhenia hirta	47.3	Asparagus albus	46.2
Chamaerops humilis	42.6	Asphodelus ramosus	41.2
Ruta chalepensis	39.5	Calicotome villosa	39.4
Ampelodesmos mauritanicus	39.4	Phagnalon saxatile	37.3
Ferula communis	37.1	Asparagus acutifolius	36.9
Periploca angustifolia	35.8	Micromeria graeca	35.2
Bituminaria bituminosa	31.6	Drimia pancration	31.4
Artemisia arborescens	29.0	Teucrium flavum	28.9
Ceratonia siliqua	26.6	Anagyris foetida	26.5
Rhamnus alaternus	22.9	Brachypodium retusum	22.2
Phlomis fruticosa	21.6	Smilax aspera	21.5
Asparagus horridus	20.7	Ruta angustifolia	20.3

Thapsia garganica	20.1	Jacobaea maritima	20.1
Allium subhirsutum	20.0	Thymbra capitata	19.9
Stachys glutinosa	19.9	Coronilla valentina	19.7
Rubia peregrina	18.4	Lonicera implexa	18.3
Cistus monspeliensis	17.8	Myrtus communis	17.6
Juniperus phoenicea	17.5	Lobularia maritima	17.4
Lycium intricatum	17.3	Lagoecia cuminoides	17.2
Piptatherum miliaceum	17.0	Andropogon distachyos	16.8
Clematis cirrhosa	16.5	Valantia hispida	16.4
Medicago coronata	16.4	Genista corsica	16.3
Ephedra fragilis	16.2	Matthiola incana	15.9
Narcissus tazetta	15.7	Carlina corymbosa	15.7
Carlina sicula	15.5	Pistacia terebinthus	15.4
Ephedra foeminea	15.4	Teucrium marum	15.3
Salvia fruticosa	15.0		
<i>Constant species (occurrence frequencies)</i>			
Euphorbia dendroides	86.0	Pistacia lentiscus	72.0
Olea europaea	54.0	Asparagus acutifolius	54.0
Prasium majus	46.0	Arisarum vulgare	45.0
Rubia peregrina	38.0	Asphodelus ramosus	37.0
Hyparrhenia hirta	34.0	Dactylis glomerata	32.0
Teucrium fruticans	30.0	Calicotome villosa	30.0
Brachypodium retusum	30.0	Smilax aspera	29.0
Chamaerops humilis	28.0	Bituminaria bituminosa	26.0
Asparagus albus	26.0	Ampelodesmos mauritanicus	25.0
Rhamnus alaternus	24.0	Micromeria graeca	22.0
Phagnalon saxatile	21.0	Ruta chalepensis	20.0
Ferula communis	18.0	Lonicera implexa	17.0
Teucrium flavum	15.0	Periploca angustifolia	15.0
Phillyrea latifolia	14.0	Myrtus communis	14.0
Juniperus phoenicea	14.0	Cistus monspeliensis	14.0
Ceratonia siliqua	14.0	Rosmarinus officinalis	13.0
Pistacia terebinthus	13.0	Piptatherum miliaceum	11.0
Drimia pancracion	11.0	Carlina corymbosa	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Euphorbia dendroides	78.0	Periploca angustifolia	14.0
Pistacia lentiscus	11.0	Chamaerops humilis	11.0

### **S61 - [F61a] Western basiphilous garrigue**

#### *Diagnostic species (phi coefficient \* 100)*

Genista scorpius	50.9	Thymus vulgaris	48.0
Lavandula latifolia	43.8	Coris monspeliensis	42.2
Aphyllanthes monspeliensis	42.2	Coronilla minima	41.1
Rosmarinus officinalis	38.2	Linum suffruticosum aggr.	37.0

Helictochloa bromoides	36.5	Koeleria vallesiana	36.4
Brachypodium retusum	32.4	Argyrolobium zanonii	32.4
Fumana thymifolia	32.3	Fumana ericoides	32.1
Bupleurum fruticosum	31.9	Genista hispanica	31.3
Dorycnium pentaphyllum	30.3	Atractylis humilis	30.0
Lithodora fruticosa	28.6	Staehelina dubia	28.0
Rhaponticum coniferum	28.0	Erica multiflora	27.8
Pinus halepensis	27.7	Helianthemum marifolium	26.9
Ononis minutissima	26.8	Teucrium polium aggr.	26.7
Helichrysum stoechas	26.7	Fumana procumbens	26.6
Fumana ericifolia	25.5	Helianthemum italicum	25.3
Cistus clusii	25.2	Globularia alypum	24.5
Helianthemum violaceum	24.0	Carex halleriana	23.8
Linum narbonense	22.7	Santolina chamaecyparissus aggr.	22.3
Helianthemum cinereum	21.7	Catananche caerulea	21.7
Hippocrepis glauca	21.6	Thymelaea tinctoria	21.3
Stipa offneri	21.1	Thesium divaricatum	21.0
Cistus albidus	21.0	Ononis fruticosa	20.9
Helianthemum apenninum	20.9	Quercus coccifera	20.2
Thymelaea ruizii	20.1	Carthamus carduncellus	20.1
Helianthemum syriacum	19.8	Euphorbia flavicoma	19.6
Astragalus monspessulanus	19.4	Anthyllis cytisoides	19.1
Globularia bisnagarica	19.0	Hedysarum boveanum	18.9
Stipa juncea	18.8	Ulex parviflorus	18.7
Juniperus oxycedrus	18.6	Orobanche latisquama	18.0
Echinops ritro	17.9	Sedum sediforme	17.8
Lavandula angustifolia	17.8	Helictotrichon cantabricum	17.5
Helianthemum canum	17.2	Inula montana	17.1
Erica vagans	17.1	Centaurea linifolia	17.1
Polygala rupestris	16.9	Helictochloa pratensis	16.2
Helianthemum hirtum	16.1	Euphorbia minuta	16.1
Convolvulus lanuginosus	16.1	Astragalus incanus	15.8
Salvia officinalis	15.7	Ononis pusilla	15.5
Galium corrudifolium	15.2		
<i>Constant species (occurrence frequencies)</i>			
Thymus vulgaris	61.0	Genista scorpius	51.0
Brachypodium retusum	44.0	Aphyllanthes monspeliensis	43.0
Coronilla minima	40.0	Dorycnium pentaphyllum	39.0
Rosmarinus officinalis	38.0	Koeleria vallesiana	38.0
Lavandula latifolia	36.0	Teucrium polium aggr.	29.0
Pinus halepensis	29.0	Helictochloa bromoides	28.0
Coris monspeliensis	28.0	Linum suffruticosum aggr.	27.0
Carex halleriana	27.0	Bromopsis erecta	26.0
Teucrium chamaedrys	25.0	Genista hispanica	25.0
Eryngium campestre	25.0	Juniperus oxycedrus	23.0
Helichrysum stoechas	23.0	Argyrolobium zanonii	23.0
Fumana procumbens	22.0	Quercus coccifera	21.0

Staehelina dubia	20.0	Fumana thymifolia	20.0
Asperula cynanchica	20.0	Sanguisorba minor	19.0
Carex humilis	19.0	Buxus sempervirens	19.0
Pilosella officinarum	18.0	Ononis minutissima	18.0
Helictochloa pratensis	18.0	Fumana ericoides	18.0
Rhaponticum coniferum	17.0	Bupleurum frutescens	17.0
Potentilla tabernaemontani	16.0	Juniperus communis subsp. communis	16.0
Globularia bisnagarica	16.0	Erica multiflora	16.0
Helianthemum italicum	15.0	Cistus albidus	15.0
Sedum sediforme	14.0	Helianthemum apenninum	14.0
Dactylis glomerata	14.0	Carex flacca	14.0
Lotus corniculatus	13.0	Lavandula angustifolia	13.0
Helianthemum canum	13.0	Fumana ericifolia	13.0
Catananche caerulea	13.0	Brachypodium phoenicoides	13.0
Atractylis humilis	13.0	Astragalus monspessulanus	13.0
Anthyllis vulneraria	13.0	Lithodora fruticosa	12.0
Hippocrepis comosa	12.0	Erica vagans	12.0
Brachypodium rupestre	12.0	Ulex parviflorus	11.0
Teucrium montanum	11.0	Scabiosa columbaria	11.0
Globularia alypum	11.0	Echinops ritro	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Genista hispanica	17.0	Rosmarinus officinalis	16.0
Genista scorpius	12.0	Thymus vulgaris	10.0
Erica multiflora	10.0	Lavandula angustifolia	5.0
Brachypodium retusum	5.0		

**S62 - [F61b] Western acidophilous garrigue**

*Diagnostic species (phi coefficient \* 100)*

Cytinus hypocistis	56.7	Cistus ladanifer	53.9
Helichrysum italicum	53.4	Lavandula pedunculata	53.1
Cistus halimifolius	47.1	Lavandula stoechas	42.8
Thapsia villosa	42.5	Erica australis	41.9
Thymus mastichina	40.8	Cistus calycinus	40.7
Cistus salviifolius	37.8	Erophaca baetica	37.4
Genista hirsuta	36.5	Ulex genistoides	36.2
Erica umbellata	34.9	Pinus pinea	33.9
Daphne gnidium	32.4	Tuberaria guttata	32.0
Ulex parviflorus	29.6	Cistus populifolius	27.8
Quercus rotundifolia	27.6	Genista tridentata	27.6
Cistus ocymoides	27.0	Drimia maritima	26.9
Cytisus striatus	26.5	Rosmarinus officinalis	26.3
Armeria velutina	26.0	Cistus umbellatus	25.2
Cytisus multiflorus	25.0	Carlina corymbosa	24.0
Thymus albicans subsp. donyanae	23.4	Andryala integrifolia	23.0
Hypericum linarifolium	22.8	Tuberaria lignosa	22.6



Briza maxima	22.2	Cistus libanotis	21.4
Glandora prostrata	21.3	Crucianella angustifolia	20.8
Corema album	20.8	Tolpis barbata	20.2
Cistus psilosepalus	20.1	Cistus crispus	20.1
Cytisus grandiflorus	20.0	Cistus monspeliensis	20.0
Retama sphaerocarpa	19.8	Micropyrum tenellum	19.8
Thymus capitellatus	19.2	Asterolinon linum-stellatum	19.2
Loeflingia baetica	19.0	Genista tournefortii	19.0
Phillyrea angustifolia	18.3	Teucrium marum	17.9
Aira caryophyllea	17.9	Anemone palmata	17.8
Narcissus triandrus	17.6	Malcolmia triloba	17.6
Neoschischkinia reuteri	16.7	Neotinea lactea	16.4
Neoschischkinia elegans	16.3	Crocus carpetanus	16.3
Prolongoa hispanica	16.2	Anarrhinum bellidifolium	16.1
Quercus suber	15.9	Jacobaea minuta	15.8
Helichrysum italicum subsp. picardii	15.8	Thymus zygis	15.7
Senecio lividus	15.6	Pinus pinaster	15.6
Cistus lasianthus	15.6	Valerianella eriocarpa	15.4
Sedum forsterianum	15.2	Fritillaria lusitanica	15.2
Lotus glareosus	15.1	Filago gallica	15.1
<i>Constant species (occurrence frequencies)</i>			
Helichrysum italicum	50.0	Cistus salviifolius	43.0
Lavandula pedunculata	39.0	Cistus ladanifer	39.0
Cytinus hypocistis	36.0	Lavandula stoechas	34.0
Daphne gnidium	31.0	Thapsia villosa	26.0
Rosmarinus officinalis	26.0	Cistus halimifolius	26.0
Tuberaria guttata	24.0	Thymus mastichina	24.0
Quercus rotundifolia	24.0	Erica australis	24.0
Dactylis glomerata	21.0	Ulex parviflorus	20.0
Pinus pinea	20.0	Cistus calycinus	19.0
Carlina corymbosa	19.0	Pistacia lentiscus	17.0
Pinus pinaster	17.0	Phillyrea angustifolia	17.0
Erica umbellata	17.0	Drimia maritima	17.0
Brachypodium retusum	17.0	Juniperus oxycedrus	16.0
Genista hirsuta	16.0	Erophaca baetica	16.0
Cistus monspeliensis	16.0	Calluna vulgaris	16.0
Briza maxima	16.0	Ulex genistoides	14.0
Rubia peregrina	14.0	Erica arborea	14.0
Arbutus unedo	14.0	Aira caryophyllea	14.0
Andryala integrifolia	13.0	Quercus suber	11.0
Pinus halepensis	11.0	Genista tridentata	11.0
Erica scoparia	11.0	Cytisus striatus	11.0
Cistus populifolius	11.0	Asterolinon linum-stellatum	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Cistus ladanifer	34.0	Cistus halimifolius	19.0
Ulex parviflorus	9.0	Cistus populifolius	7.0

Cistus calycinus	7.0	Teucrium marum	6.0
------------------	-----	----------------	-----

### S63 - [F62] Eastern garrigue

#### *Diagnostic species (phi coefficient \* 100)*

Phlomis fruticosa	55.2	Thymbra capitata	53.4
Erica manipuliflora	48.2	Calicotome villosa	45.4
Cistus creticus	42.9	Drimia maritima	42.1
Leontodon tuberosus	41.1	Phagnalon rupestre	40.4
Sarcopoterium spinosum	37.9	Genista acanthoclada	36.4
Satureja thymbra	36.1	Micromeria juliana	35.3
Asperula rigida	32.6	Valantia hispida	32.5
Tordylium apulum	31.9	Micromeria graeca	31.2
Teucrium microphyllum	31.1	Fumana thymifolia	30.9
Briza maxima	30.4	Allium rubrovittatum	30.4
Catapodium rigidum	30.3	Urospermum picroides	30.2
Fumana arabica	30.2	Filago aegaea	29.8
Anisantha fasciculata	29.3	Crepis neglecta	29.2
Muscari spreizenhoferi	28.5	Linum strictum aggr.	28.1
Asparagus aphyllus	28.1	Asphodelus ramosus	28.0
Hypochaeris achyrophorus	27.2	Gastridium phleoides	27.1
Galium murale	26.8	Lagoecia cuminoides	26.6
Daucus involucratus	26.6	Biscutella didyma	26.1
Salvia fruticosa	25.6	Hypericum empetrifolium	25.2
Crupina crupinastrum	25.2	Centaurea raphanina	25.1
Convolvulus althaeoides	25.0	Polygala venulosa	24.9
Asphodeline lutea	24.9	Cuscuta palaestina	24.0
Anthyllis hermanniae	24.0	Avena barbata	23.9
Ononis reclinata	23.6	Brachypodium retusum	23.4
Thesium humile	23.0	Trifolium infamia-ponertii	22.5
Crucianella latifolia	22.4	Cynosurus echinatus	22.3
Salvia officinalis	21.8	Helictotrichon convolutum	21.8
Avellinia festucoides	21.8	Euphorbia acanthothamnus	21.7
Cistus salviifolius	21.6	Carlina graeca	21.6
Thesium bergeri	21.3	Piptatherum coerulescens	21.3
Gagea graeca	21.3	Centaurium tenuiflorum	21.3
Cistus parviflorus	21.2	Quercus coccifera	20.8
Sideritis romana	20.7	Lamyropsis cynaroides	20.4
Scorpiurus muricatus	20.3	Paronychia macrosepala	20.2
Medicago coronata	20.1	Galium setaceum	20.1
Orlaya daucoides	19.6	Pistacia lentiscus	19.5
Teucrium brevifolium	19.4	Achnatherum bromoides	19.4
Teucrium flavum	19.2	Convolvulus oleifolius	19.1
Ebenus cretica	19.0	Trachynia distachya	18.9
Rostraria cristata	18.8	Phlomis cretica	18.8
Nigella damascena	18.6	Pyrus spinosa	18.5
Asparagus acutifolius	18.1	Scorzonera cretica	17.9

Linum trigynum	17.9	Euphorbia dendroides	17.9
Teucrium polium aggr.	17.7	Scaligeria napiformis	17.7
Euphorbia dimorphocaulon	17.6	Cytisus eriocarpus	17.6
Plantago bellardii	17.2	Genista sylvestris	17.2
Olea europaea	17.1	Atractylis cancellata	17.1
Tanacetum cinerariifolium	17.0	Anagallis arvensis	16.9
Trifolium uniflorum	16.8	Bromus intermedius	16.7
Paliurus spina-christi	16.5	Arisarum vulgare	16.5
Sonchus bulbosus	16.3	Carlina lanata	16.3
Allosorus acrosticus	16.3	Bituminaria bituminosa	16.2
Trifolium scabrum	16.1	Trifolium stellatum	16.0
Lotus ornithopodioides	16.0	Knautia integrifolia	15.9
Ampelodesmos mauritanicus	15.9	Micromeria cremnophila	15.8
Carlina gummifera	15.8	Phillyrea latifolia	15.7
Malva cretica	15.7	Carlina sicula	15.7
Bupleurum gracile	15.7	Eryngium creticum	15.6
Valerianella discoidea	15.5	Pallenis spinosa	15.5
Calendula suffruticosa	15.5	Sherardia arvensis	15.4
Daucus guttatus	15.4	Bellardia trixago	15.4
Aira elegantissima	15.4	Asterolinon linum-stellatum	15.3
Prasium majus	15.2	Asperula scutellaris	15.2
Genista sericea	15.1	Aegilops neglecta	15.1
Ononis verae	15.0		
<i>Constant species (occurrence frequencies)</i>			
Dactylis glomerata	53.0	Thymbra capitata	39.0
Phlomis fruticosa	37.0	Cistus creticus	37.0
Calicotome villosa	36.0	Brachypodium retusum	32.0
Drimia maritima	31.0	Erica manipuliflora	29.0
Phagnalon rupestre	25.0	Leontodon tuberosus	25.0
Catapodium rigidum	25.0	Asparagus acutifolius	25.0
Pistacia lentiscus	24.0	Cistus salviifolius	23.0
Briza maxima	23.0	Asphodelus ramosus	23.0
Anagallis arvensis	23.0	Quercus coccifera	22.0
Trifolium campestre	21.0	Sarcopoterium spinosum	21.0
Linum strictum aggr.	20.0	Fumana thymifolia	20.0
Teucrium polium aggr.	19.0	Avena barbata	19.0
Phillyrea latifolia	18.0	Micromeria graeca	18.0
Genista acanthoclada	18.0	Cynosurus echinatus	18.0
Micromeria juliana	17.0	Urospermum picroides	16.0
Satureja thymbra	16.0	Hypochaeris achyrophorus	16.0
Asparagus aphyllus	16.0	Valantia hispida	15.0
Tordylium apulum	15.0	Sherardia arvensis	15.0
Olea europaea	15.0	Crepis neglecta	14.0
Convolvulus althaeoides	14.0	Trachynia distachya	13.0
Poa bulbosa	13.0	Melica ciliata	13.0
Galium murale	13.0	Trifolium scabrum	12.0
Helichrysum stoechas	12.0	Bituminaria bituminosa	12.0

Asperula rigida	12.0	Arisarum vulgare	12.0
Arbutus unedo	12.0	Teucrium microphyllum	11.0
Rostraria cristata	11.0	Lagoecia cuminoides	11.0
Juniperus oxycedrus	11.0	Hypericum empetrifolium	11.0
Fumana arabica	11.0	Filago aegaea	11.0
Anthyllis vulneraria	11.0	Anthyllis hermanniae	11.0
Anisantha fasciculata	11.0	Allium rubrovittatum	11.0
Achnatherum bromoides	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Phlomis fruticosa	33.0	Erica manipuliflora	25.0
Thymbra capitata	18.0	Calicotome villosa	6.0
Cytisus eriocarpus	5.0	Cistus salviifolius	5.0
Cistus creticus	5.0		

**S64 - [F65] Macaronesian garrigue**

*Diagnostic species (phi coefficient \* 100)*

Micromeria hyssopifolia	74.7	Cistus monspeliensis	63.5
Cistus symphytifolius	52.2	Micromeria varia	47.4
Rubia fruticosa	46.2	Argyranthemum frutescens	42.2
Cytisus proliferus	41.5	Hyparrhenia hirta	41.2
Phagnalon saxatile	40.6	Euphorbia regis-jubae	40.2
Asteriscus sericeus	37.4	Aeonium holochrysum	37.4
Euphorbia berthelotii	37.2	Echium decaisnei	36.8
Globularia salicina	36.7	Artemisia thuscula	36.5
Kleinia neriifolia	34.0	Launaea arborescens	33.8
Bituminaria bituminosa	33.6	Trachynia distachya	31.1
Ferula lancerotensis	30.6	Pericallis lanata	30.4
Pericallis murrayi	30.3	Echium aculeatum	30.3
Echium virescens	30.2	Ifloga spicata	29.9
Asparagus umbellatus	29.8	Euphorbia lamarckii	29.7
Wahlenbergia lobelioides	29.4	Carlina salicifolia	29.3
Lavandula canariensis	29.2	Asphodelus ramosus	28.8
Andryala pinnatifida	28.8	Juniperus phoenicea	28.2
Pinus canariensis	27.4	Dittrichia viscosa	25.5
Stachys arvensis	23.1	Ononis pendula	21.7
Argyranthemum hierrense	21.7	Reichardia famarae	21.6
Pericallis steetzii	21.6	Echium hierrense	21.6
Ceropegia dichotoma	21.6	Argyranthemum callichrysum	21.6
Phagnalon umbelliforme	21.5	Descurainia millefolia	21.5
Allosorus fragilis	21.5	Tolpis laciniata	21.4
Argyranthemum foeniculaceum	21.4	Trisetaria loeflingiana	21.3
Bosea yervamora	21.3	Paronychia canariensis	21.2
Campanula dichotoma	21.1	Senecio incrassatus	20.8
Aeonium urbicum	20.8	Adenocarpus foliolosus	20.8
Lotus lancerottensis	20.6	Tuberaria guttata	20.5

Polycarpaea divaricata	20.5	Lotus sessilifolius	20.5
Juniperus cedrus	20.5	Ceropegia fusca	20.5
Sonchus acaulis	20.3	Lobularia canariensis	20.2
Hypericum canariense	19.9	Scilla haemorrhoidalis	19.8
Cuscuta planiflora	19.5	Matthiola incana	19.3
Ophioglossum lusitanicum	19.1	Plocama pendula	18.7
Schizogyne sericea	18.3	Astragalus pelecinus	18.2
Anisantha diandra	18.1	Opuntia ficus-indica	18.0
Silene gallica	17.9	Plantago lagopus	17.7
Morella faya	17.7	Lycium intricatum	17.6
Lamarckia aurea	17.6	Periploca angustifolia	17.3
Petrorhagia nanteuillii	16.7	Drimia maritima	16.3
Lagurus ovatus	15.0		
<i>Constant species (occurrence frequencies)</i>			
Cistus monspeliensis	67.0	Micromeria hyssopifolia	57.0
Hyparrhenia hirta	29.0	Cistus symphytifolius	29.0
Bituminaria bituminosa	29.0	Trachynia distachya	24.0
Rubia fruticosa	24.0	Phagnalon saxatile	24.0
Micromeria varia	24.0	Juniperus phoenicea	24.0
Asphodelus ramosus	24.0	Euphorbia regis-jubae	19.0
Dittrichia viscosa	19.0	Cytisus proliferus	19.0
Argyranthemum frutescens	19.0	Tuberaria guttata	14.0
Launaea arborescens	14.0	Kleinia neriifolia	14.0
Globularia salicina	14.0	Euphorbia berthelotii	14.0
Echium decaisnei	14.0	Asteriscus sericeus	14.0
Artemisia thuscula	14.0	Anagallis arvensis	14.0
Aeonium holochrysum	14.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Cistus monspeliensis	62.0	Micromeria hyssopifolia	38.0
Echium decaisnei	14.0		

### **S65 - [F67] Mediterranean gypsum scrub**

<i>Diagnostic species (phi coefficient * 100)</i>			
Ononis tridentata	79.3	Helianthemum syriacum	77.6
Herniaria fruticosa	73.0	Helianthemum squamatum	70.7
Plantago albicans	62.6	Gypsophila struthium	58.0
Thymus vulgaris	53.7	Helichrysum stoechas	49.7
Atractylis humilis	49.7	Rosmarinus officinalis	49.5
Launaea pumila	48.0	Fumana ericoides	46.6
Brachypodium retusum	46.5	Genista scorpius	43.0
Stipa parviflora	42.3	Lygeum spartum	42.0
Reseda stricta	41.8	Koeleria vallesiana	41.2
Lepidium subulatum	40.0	Santolina chamaecyparissus aggr.	39.9
Coris monspeliensis	39.4	Cistus clusii	37.0

Sedum sediforme	32.6	Fumana thymifolia	32.6
Launaea fragilis	32.2	Teucrium polium aggr.	31.7
Linum suffruticosum aggr.	31.5	Odontites longiflora	31.0
Artemisia herba-alba	28.8	Matthiola fruticulosa	28.1
Helianthemum violaceum	27.8	Bupleurum fruticosum	26.6
Thymus zygis	25.5	Lithodora fruticosa	25.0
Thesium divaricatum	24.2	Helianthemum hirtum	24.2
Dipcadi serotinum	23.8	Sideritis pungens subsp. pungens	22.3
Helictochloa bromoides	22.2	Helianthemum cinereum	22.0
Centaurea linifolia	22.0	Stipa offneri	20.1
Helianthemum marifolium	19.7	Euphorbia serrata	19.4
Sideritis ilicifolia	18.6	Centaurea melitensis	18.6
Bombycilaena discolor	18.2	Astragalus incanus	17.9
Fumana hispidula	17.6	Sideritis tragoriganum	17.4
Macrochloa tenacissima	17.3	Thapsia villosa	16.8
Sideritis spinulosa	16.8	Centaurea aspera	16.7
Hedysarum boveanum	16.5	Erucastrum nasturtiifolium	16.5
Teucrium expassum	16.2	Helianthemum canum	16.2
Ephedra major	16.2	Atriplex rosea	16.2
Retama sphaerocarpa	16.1	Pinus halepensis	16.0
Asperula aristata	16.0	Asterolinon linum-stellatum	15.7
<i>Constant species (occurrence frequencies)</i>			
Thymus vulgaris	73.0	Brachypodium retusum	67.0
Ononis tridentata	64.0	Helianthemum syriacum	64.0
Rosmarinus officinalis	55.0	Herniaria fruticosa	55.0
Helichrysum stoechas	51.0	Helianthemum squamatum	51.0
Plantago albicans	45.0	Koeleria vallesiana	45.0
Genista scorpius	44.0	Teucrium polium aggr.	36.0
Gypsophila struthium	35.0	Fumana ericoides	33.0
Atractylis humilis	31.0	Sedum sediforme	29.0
Coris monspeliensis	27.0	Santolina chamaecyparissus aggr.	24.0
Linum suffruticosum aggr.	24.0	Launaea pumila	24.0
Lygeum spartum	22.0	Fumana thymifolia	22.0
Stipa parviflora	20.0	Reseda stricta	18.0
Dactylis glomerata	18.0	Cistus clusii	18.0
Pinus halepensis	16.0	Lepidium subulatum	16.0
Helictochloa bromoides	16.0	Bupleurum fruticosum	15.0
Thesium divaricatum	13.0	Launaea fragilis	13.0
Helianthemum canum	13.0	Thymus zygis	11.0
Odontites longiflora	11.0	Matthiola fruticulosa	11.0
Lithodora fruticosa	11.0	Helianthemum violaceum	11.0
Euphorbia serrata	11.0	Artemisia herba-alba	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Ononis tridentata	31.0	Rosmarinus officinalis	16.0
Brachypodium retusum	9.0	Gypsophila struthium	7.0
Macrochloa tenacissima	5.0		

**S66 - [F68a] Mediterranean halo-nitrophilous scrub**

*Diagnostic species (phi coefficient \* 100)*

Salsola vermiculata	73.0	Artemisia herba-alba	56.2
Launaea arborescens	47.5	Atriplex halimus	38.8
Camphorosma monspeliaca	38.2	Lycium intricatum	37.9
Suaeda vermiculata	34.0	Artemisia arborescens	31.5
Anisantha rubens	31.0	Suaeda vera	30.6
Peganum harmala	27.2	Bassia tomentosa	27.0
Cenchrus ciliaris	26.9	Asphodelus fistulosus	26.6
Lygeum spartum	26.3	Plantago lagopus	25.7
Fagonia cretica	25.3	Suaeda ifniensis	24.1
Frankenia laevis	23.8	Salsola oppositifolia	23.5
Bupleurum semicompositum	23.0	Polycarpha nivea	22.6
Carduus tenuiflorus	21.3	Marrubium vulgare	20.9
Salsola tetrandra	20.7	Hordeum murinum subsp. leporinum	20.6
Tricholaena teneriffae	20.0	Heliotropium crispum	19.8
Centaurea melitensis	19.8	Aizoon canariense	19.8
Capparis sicula	19.7	Asparagus horridus	19.6
Nicotiana glauca	19.0	Rostraria cristata	18.7
Eruca vesicaria	18.2	Spergularia diandra	18.1
Plocama pendula	18.1	Schizogyne sericea	17.6
Tetrapogon villosus	17.0	Notoceras bicorne	17.0
Hyoseris taurina	17.0	Euphorbia dendroides	17.0
Acuston lunarioides	17.0	Stipa parviflora	16.9
Volutaria lippii	16.7	Delphinium gracile	16.6
Asparagus albus	16.6	Lycium schweinfurthii	16.4
Lycium afrum	16.4	Salsola aegaea	16.2
Brassica cretica	16.2	Kleinia neriifolia	16.1
Plantago albicans	16.0	Lotus lancerottensis	16.0
Frankenia thymifolia	15.9	Forsskaolea angustifolia	15.8
Serapias parviflora	15.7	Malva aegyptia	15.7
Cenchrus setaceus	15.1		

*Constant species (occurrence frequencies)*

Salsola vermiculata	55.0	Artemisia herba-alba	34.0
Launaea arborescens	25.0	Eryngium campestre	19.0
Camphorosma monspeliaca	19.0	Atriplex halimus	18.0
Lycium intricatum	16.0	Anisantha rubens	16.0
Suaeda vera	15.0	Plantago lagopus	15.0
Hordeum murinum subsp. leporinum	13.0	Suaeda vermiculata	12.0
Artemisia arborescens	12.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Salsola vermiculata	21.0	Artemisia herba-alba	15.0
Launaea arborescens	9.0	Camphorosma monspeliaca	7.0

Suaeda vermiculata 6.0

**S67 - [F68b] Aralo-Caspian semi-desert**

*Diagnostic species (phi coefficient \* 100)*

Eremopyrum orientale	83.0	Artemisia lerchiana	80.4
Alyssum turkestanicum	78.1	Eremopyrum triticeum	73.3
Medicago orthoceras	69.7	Alhagi maurorum	63.9
Ceratocarpus arenarius	60.9	Ceratocephala falcata	56.7
Meniocus linifolius	55.0	Medicago medicaginoidea	49.2
Neotorularia contortuplicata	45.8	Agropyron fragile	45.4
Bromus squarrosus	43.1	Salsola dendroides	41.7
Anabasis aphylla	41.5	Petrosimonia brachiata	41.2
Poa bulbosa	40.7	Camphorosma monspeliaca	40.5
Salsola tragus	40.2	Bassia prostrata	39.5
Holosteum umbellatum	38.1	Xanthoparmelia ryssolea	37.2
Leymus ramosus	35.6	Artemisia scoparia	35.6
Androsace maxima	34.9	Anisantha tectorum	34.6
Lepidium perfoliatum	34.5	Artemisia taurica	33.7
Podospermum canum	32.9	Anabasis salsa	32.4
Lappula patula	32.1	Xanthoparmelia camtschadalis	31.8
Lappula marginata	31.5	Chorispora tenella	31.1
Astragalus testiculatus	31.0	Agropyron desertorum	30.7
Xanthoria parietina	30.0	Descurainia sophia	28.3
Nonea caspica	26.4	Iris scariosa	26.4
Astragalus dolichophyllus	26.3	Rinodina exigua	26.2
Glycyrrhiza glabra	26.2	Buglossoides arvensis	26.2
Stipa sareptana	25.6	Rochelia disperma	25.3
Ranunculus oxyspermus	25.0	Tanacetum achilleifolium	24.8
Senecio glaucus	24.8	Petrosimonia oppositifolia	24.3
Peganum harmala	23.6	Bassia sedoides	23.2
Atriplex aucheri	22.9	Tulipa sylvestris	21.1
Carduus uncinatus	20.9	Veronica triphyllos	19.1
Alyssum dasycarpum	18.7	Calligonum aphyllum	18.6
Candelariella efflorescens	18.5	Atraphaxis spinosa	18.5
Astragalus longipetalus	18.5	Tragopogon ruber	18.4
Diplotomma alboatrum	18.3	Xanthoria polycarpa	18.2
Climacoptera brachiata	18.2	Filago arvensis	18.0
Ferula caspica	18.0	Caloplaca pyracea	18.0
Petrosimonia litwinowii	17.9	Lecanora hagenii	17.9
Helianthus lenticularis	17.9	Climacoptera crassa	17.9
Erodium hoefftianum	17.6	Zygophyllum fabago	17.4
Prangos odontalgica	17.4	Limonium suffruticosum	17.4
Physcia adscendens	17.2	Caloplaca lobulata	17.2
Artemisia pauciflora	16.8	Pterygoneurum sessile	16.7
Syntrichia ruralis	16.6	Sibbaldianthe bifurca	16.5
Dodartia orientalis	16.4	Pterygoneurum ovatum	16.3



Cynanchum acutum	16.2	Suaeda altissima	16.1
Atriplex tatarica	16.1	Aeluropus pungens	16.1
Tamarix ramosissima	15.3	Collema tenax	15.3
Atriplex micrantha	15.2	Elaeagnus angustifolia	15.1
Suaeda acuminata	15.0		

*Constant species (occurrence frequencies)*

Eremopyrum orientale	71.0	Alyssum turkestanicum	71.0
Artemisia lerchiana	68.0	Poa bulbosa	57.0
Eremopyrum triticeum	57.0	Medicago orthoceras	50.0
Alhagi maurorum	43.0	Ceratocarpus arenarius	39.0
Bromus squarrosus	39.0	Ceratocephala falcata	36.0
Meniocus linifolius	32.0	Anisantha tectorum	32.0
Holosteum umbellatum	29.0	Medicago medicaginoidea	25.0
Salsola tragus	21.0	Neotorularia contortuplicata	21.0
Descurainia sophia	21.0	Camphorosma monspeliaca	21.0
Buglossoides arvensis	21.0	Bassia prostrata	21.0
Agropyron fragile	21.0	Salsola dendroidea	18.0
Podospermum canum	18.0	Petrosimonia brachiata	18.0
Androsace maxima	18.0	Anabasis aphylla	18.0
Xanthoparmelia ryssolea	14.0	Syntrichia ruralis	14.0
Leymus ramosus	14.0	Lepidium perfoliatum	14.0
Artemisia taurica	14.0	Artemisia scoparia	14.0
Xanthoria parietina	11.0	Xanthoparmelia camtschadalis	11.0
Veronica triphyllos	11.0	Lappula patula	11.0
Lappula marginata	11.0	Chorispora tenella	11.0
Glycyrrhiza glabra	11.0	Filago arvensis	11.0
Astragalus testiculatus	11.0	Anabasis salsa	11.0
Agropyron desertorum	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Medicago medicaginoidea	7.0
-------------------------	-----

**S68 - [F68c] Semi-desert sand dune with sparse scrub**

*Diagnostic species (phi coefficient \* 100)*

Salsola tragus	75.0	Ceratocarpus arenarius	68.9
Leymus racemosus	65.6	Peganum harmala	59.6
Artemisia arenaria	58.8	Eremopyrum triticeum	58.1
Medicago orthoceras	48.3	Tamarix ramosissima	48.2
Cannabis sativa	46.4	Tribulus terrestris	44.5
Ephedra distachya	42.9	Bromus squarrosus	41.5
Amaranthus albus	40.6	Alyssum turkestanicum	40.5
Anisantha tectorum	39.2	Artemisia austriaca	35.7
Jurinea ewersmanii	35.2	Corispermum aralocaspicum	35.2
Seseli campestre	35.1	Tragopogon brevirostris	35.0
Gagea reticulata	34.8	Lappula patula	34.6

Xanthoparmelia camtschadalis	34.4	Prangos odontalgica	34.4
Meniocus linifolius	32.6	Argusia sibirica	32.6
Petasites spurius	32.3	Centaurea odessana	32.3
Sisymbrium polymorphum	32.0	Artemisia taurica	31.0
Artemisia lerchiana	30.8	Carduus uncinatus	30.2
Malva pusilla	30.0	Centaurea arenaria aggr.	29.8
Secale sylvestre	29.7	Salsola soda	29.4
Glycyrrhiza glabra	29.0	Amorpha fruticosa	28.0
Xanthium spinosum	25.5	Cynanchum acutum	25.1
Artemisia santonicum	22.5	Xanthium strumarium	21.8
Filago arvensis	20.6	Descurainia sophia	17.8
Euphorbia seguieriana	17.6	Eryngium maritimum	16.8
Buglossoides arvensis	16.2	Bryum argenteum	15.5
Solanum nigrum	15.0		
<i>Constant species (occurrence frequencies)</i>			
Salsola tragus	62.0	Leymus racemosus	50.0
Ceratocarpus arenarius	50.0	Peganum harmala	38.0
Eremopyrum triticeum	38.0	Bromus squarrosus	38.0
Artemisia arenaria	38.0	Anisantha tectorum	38.0
Tribulus terrestris	25.0	Tamarix ramosissima	25.0
Medicago orthoceras	25.0	Ephedra distachya	25.0
Cannabis sativa	25.0	Artemisia austriaca	25.0
Amaranthus albus	25.0	Alyssum turkestanicum	25.0
Xanthoparmelia camtschadalis	12.0	Xanthium strumarium	12.0
Xanthium spinosum	12.0	Tragopogon brevisrostris	12.0
Syntrichia ruralis	12.0	Solanum nigrum	12.0
Sisymbrium polymorphum	12.0	Seseli campestre	12.0
Secale sylvestre	12.0	Salsola soda	12.0
Prangos odontalgica	12.0	Polygonum aviculare	12.0
Poa bulbosa	12.0	Petasites spurius	12.0
Meniocus linifolius	12.0	Malva pusilla	12.0
Lappula patula	12.0	Jurinea ewersmanii	12.0
Chenopodium album	12.0	Glycyrrhiza glabra	12.0
Gagea reticulata	12.0	Filago arvensis	12.0
Euphorbia seguieriana	12.0	Eryngium maritimum	12.0
Elytrigia repens	12.0	Descurainia sophia	12.0
Cynanchum acutum	12.0	Corispermum aralocaspicum	12.0
Centaurea scabiosa	12.0	Centaurea odessana	12.0
Centaurea arenaria aggr.	12.0	Carduus uncinatus	12.0
Buglossoides arvensis	12.0	Bryum argenteum	12.0
Artemisia taurica	12.0	Artemisia santonicum	12.0
Artemisia lerchiana	12.0	Argusia sibirica	12.0
Amorpha fruticosa	12.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Artemisia arenaria	25.0	Leymus racemosus	12.0
Ceratocarpus arenarius	12.0	Artemisia taurica	12.0

## S71 - [F71] Western Mediterranean spiny heath

### *Diagnostic species (phi coefficient \* 100)*

Genista corsica	85.0	Helichrysum italicum	72.9
Teucrium marum	49.8	Cistus monspeliensis	48.8
Genista sardoa	37.5	Juniperus phoenicea	36.2
Pistacia lentiscus	36.1	Asparagus albus	35.9
Stachys glutinosa	34.6	Carlina corymbosa	34.3
Cistus salviifolius	32.3	Astragalus tragacantha	32.0
Teucrium massiliense	31.8	Ptilostemon casabonae	30.6
Crepis bellidifolia	29.9	Lavandula stoechas	29.7
Phillyrea angustifolia	29.0	Asphodelus ramosus	26.4
Calicotome villosa	26.2	Brachypodium retusum	26.2
Bellium bellidioides	26.1	Rosmarinus officinalis	25.6
Rumex bucephalophorus	24.1	Cistus creticus	23.6
Armeria pungens	23.5	Prasium majus	23.0
Thymus herba-barona	22.5	Lobularia maritima	21.8
Genista monspessulana	21.7	Chamaerops humilis	21.1
Carex macrolepis	21.0	Euphorbia pithyusa	20.8
Urospermum dalechampii	20.2	Galactites tomentosus	20.0
Convolvulus althaeoides	20.0	Reichardia picroides	19.5
Sixalix atropurpurea	19.3	Galium schmidii	18.6
Polygala sardoa	18.5	Ferula arrigonii	18.5
Centaurea horrida	18.2	Limonium acutifolium	18.1
Crocus minimus	18.1	Anchusa crispa	18.0
Allium triquetrum	18.0	Gagea villosa	17.5
Crucianella maritima	17.5	Colchicum alpinum	17.5
Rosa serafinii	17.0	Lagurus ovatus	16.7
Euphorbia dendroides	16.4	Thymelaea tartonraira	16.2
Pallenis maritima	15.7	Linum maritimum	15.7
Eryngium tricuspdatum	15.7	Asparagus acutifolius	15.2

### *Constant species (occurrence frequencies)*

Helichrysum italicum	79.0	Genista corsica	75.0
Pistacia lentiscus	46.0	Cistus monspeliensis	46.0
Cistus salviifolius	36.0	Brachypodium retusum	36.0
Juniperus phoenicea	32.0	Teucrium marum	29.0
Phillyrea angustifolia	29.0	Dactylis glomerata	29.0
Carlina corymbosa	29.0	Rosmarinus officinalis	25.0
Lavandula stoechas	21.0	Daucus carota	21.0
Asphodelus ramosus	21.0	Asparagus acutifolius	21.0
Rubia peregrina	18.0	Cistus creticus	18.0
Calicotome villosa	18.0	Asparagus albus	18.0
Stachys glutinosa	14.0	Smilax aspera	14.0
Rumex bucephalophorus	14.0	Reichardia picroides	14.0
Prasium majus	14.0	Genista sardoa	14.0

Urospermum dalechampii	11.0	Teucrium polium aggr.	11.0
Teucrium massiliense	11.0	Sixalix atropurpurea	11.0
Ptilostemon casabonae	11.0	Lonicera implexa	11.0
Lobularia maritima	11.0	Lagurus ovatus	11.0
Jasione montana	11.0	Chamaerops humilis	11.0
Galactites tomentosus	11.0	Euphorbia characias	11.0
Crepis bellidifolia	11.0	Convolvulus althaeoides	11.0
Bellium bellidioides	11.0	Astragalus tragacantha	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Genista corsica	75.0	Genista sardoa	14.0
Astragalus tragacantha	11.0	Cistus monspeliensis	7.0

**S72 - [F73] Eastern Mediterranean spiny heath (phrygana)**

*Diagnostic species (phi coefficient \* 100)*

Sarcopoterium spinosum	80.4	Genista acanthoclada	56.0
Thymbra capitata	55.0	Leontodon tuberosus	51.7
Galium murale	42.2	Phagnalon rupestre	39.1
Carlina graeca	39.0	Hypochaeris achyrophorus	38.6
Lagoecia cuminoides	37.6	Medicago coronata	37.0
Satureja thymbra	36.5	Erica manipuliflora	35.6
Phlomis fruticosa	35.0	Drimia maritima	34.5
Euphorbia acanthothamnos	34.3	Anisantha fasciculata	33.9
Convolvulus althaeoides	32.6	Centaurea idaea	32.4
Asphodelus ramosus	32.4	Crepis neglecta	32.3
Catapodium rigidum	32.0	Valantia hispida	31.7
Aira elegantissima	30.5	Brachypodium retusum	30.4
Pyrus spinosa	30.0	Centaurea raphanina	30.0
Ranunculus paludosus	29.3	Fumana arabica	29.1
Verbascum spinosum	29.0	Crucianella latifolia	28.9
Helictotrichon convolutum	28.8	Calicotome villosa	28.8
Biscutella didyma	28.1	Malva cretica	27.9
Linum strictum aggr.	27.8	Bromus intermedius	27.6
Gastridium phleoides	27.5	Lamyropsis cynaroides	27.4
Filago aegaea	27.1	Asperula rigida	27.1
Gagea graeca	27.0	Trifolium stellatum	26.9
Teucrium microphyllum	26.9	Lotus ornithopodioides	26.9
Micromeria nervosa	26.8	Micromeria juliana	26.5
Berberis cretica	26.4	Plantago cretica	26.0
Hymenocarpus circinnatus	25.6	Tordylium apulum	25.5
Briza maxima	25.1	Piptatherum coerulescens	24.9
Atractylis cancellata	24.9	Bupleurum gracile	24.6
Salvia viridis	23.9	Centaurea spinosa	23.7
Sherardia arvensis	23.6	Asparagus aphyllus	23.6
Sideritis syriaca	23.5	Scaligeria napiformis	23.5
Daucus involucratus	23.5	Festuca jeanpertii	23.2

Linum trigynum	23.0	Stachys spinosa	22.8
Allium rubrovittatum	22.7	Ononis reclinata	22.5
Plantago afra	22.4	Plantago bellardii	22.3
Quercus coccifera	22.2	Euphorbia myrsinites	22.2
Astragalus angustifolius	22.2	Anthemis chia	22.2
Tolpis virgata	21.7	Anthyllis hermanniae	21.4
Thesium humile	21.3	Phlomis cretica	21.3
Hypericum empetrifolium	21.2	Fumana thymifolia	21.2
Acantholimon ulicinum	21.2	Aegilops biuncialis	21.0
Vicia cretica	20.9	Ballota pseudodictamnus	20.9
Galium setaceum	20.3	Lithodora hispidula	20.2
Hippocrepis ciliata	20.0	Plantago lagopus	19.9
Sonchus bulbosus	19.5	Euphorbia peplus	19.5
Scorpiurus muricatus	19.3	Ballota acetabulosa	19.1
Bromus scoparius	18.9	Trifolium scabrum	18.7
Galium incrassatum	18.6	Anthemis rigida	18.6
Asterolinon linum-stellatum	18.5	Lotus edulis	18.4
Filago pygmaea	18.4	Cynara cornigera	18.2
Satureja spinosa	18.0	Legousia pentagonia	18.0
Aegilops caudata	18.0	Teucrium gracile	17.9
Ononis verae	17.9	Bufonia stricta	17.9
Cardopatum corymbosum	17.8	Cistus creticus	17.6
Psilurus incurvus	17.5	Securigera cretica	17.4
Medicago murex	17.4	Cyperus sharonensis	17.4
Astracantha cretica	17.3	Moraea mediterranea	17.2
Medicago monspeliaca	17.2	Salvia fruticosa	17.0
Hedypnois rhagadioloides	17.0	Crepis hellenica	17.0
Asperula idaea	17.0	Thesium bergeri	16.9
Convolvulus oleifolius	16.9	Pimpinella tragium	16.8
Hyparrhenia hirta	16.8	Polygala venulosa	16.7
Rostraria cristata	16.6	Urospermum picroides	16.5
Carlina lanata	16.5	Allosorus acrosticus	16.5
Anagallis arvensis	16.2	Trifolium infamia-ponertii	16.1
Centaureum tenuiflorum	16.1	Cerastium comatum	16.0
Theligonum cynocrambe	15.8	Paronychia macrosepala	15.8
Cuscuta palaestina	15.8	Bellardia trixago	15.8
Prasium majus	15.7	Pimpinella peregrina	15.7
Filago eriocephala	15.6	Vulpia ciliata	15.5
Cyclamen graecum	15.5	Cichorium spinosum	15.5
Avellinia festucoides	15.4	Asparagus albus	15.4
Chamaerops humilis	15.3	Acanthus spinosus	15.3
Campanula spatulata	15.2	Crepis foetida	15.1
<i>Constant species (occurrence frequencies)</i>			
Sarcopoterium spinosum	73.0	Thymbra capitata	42.0
Brachypodium retusum	42.0	Leontodon tuberosus	36.0
Genista acanthoclada	36.0	Dactylis glomerata	35.0
Catapodium rigidum	27.0	Asphodelus ramosus	27.0

Hypochaeris achyrophorus	25.0	Galium murale	25.0
Sherardia arvensis	24.0	Quercus coccifera	24.0
Phagnalon rupestre	24.0	Drimia maritima	24.0
Trifolium campestre	22.0	Anagallis arvensis	22.0
Linum strictum aggr.	20.0	Convolvulus althaeoides	20.0
Calicotome villosa	20.0	Aira elegantissima	20.0
Pistacia lentiscus	18.0	Phlomis fruticosa	18.0
Lagoecia cuminoides	18.0	Erica manipuliflora	18.0
Carlina graeca	18.0	Briza maxima	18.0
Trifolium stellatum	16.0	Satureja thymbra	16.0
Pyrus spinosa	16.0	Medicago coronata	16.0
Crepis neglecta	16.0	Valantia hispida	15.0
Trifolium scabrum	15.0	Teucrium polium aggr.	15.0
Ranunculus paludosus	15.0	Euphorbia acanthothamnos	15.0
Asparagus acutifolius	15.0	Anisantha fasciculata	15.0
Poa bulbosa	13.0	Fumana thymifolia	13.0
Eryngium campestre	13.0	Crucianella latifolia	13.0
Cistus creticus	13.0	Centaurea raphanina	13.0
Centaurea idaea	13.0	Asparagus aphyllus	13.0
Tordylium apulum	11.0	Sonchus bulbosus	11.0
Plantago lagopus	11.0	Plantago bellardii	11.0
Piptatherum coerulescens	11.0	Micromeria juliana	11.0
Lotus ornithopodioides	11.0	Linum trigynum	11.0
Lamyropsis cynaroides	11.0	Helictotrichon convolutum	11.0
Fumana arabica	11.0	Euphorbia peplus	11.0
Euphorbia myrsinites	11.0	Bromus intermedius	11.0
Biscutella didyma	11.0	Avena barbata	11.0
Asterolinon linum-stellatum	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Sarcopoterium spinosum	55.0	Genista acanthoclada	33.0
Euphorbia acanthothamnos	13.0	Thymbra capitata	7.0
Centaurea spinosa	7.0	Erica manipuliflora	5.0

**S73 - [F74a] Western Mediterranean mountain hedgehog-heath**

*Diagnostic species (phi coefficient \* 100)*

Cytisus balansae	82.1	Genista cinerascens	42.3
Jacobaea adonidifolia	28.2	Festuca summilusitana	27.8
Arenaria quereioides	26.8	Erinacea anthyllis	25.8
Orobanche rapum-genistae	25.6	Carduus carpetanus	24.6
Jasione crispa	23.8	Festuca elegans	23.5
Linaria repens	23.0	Echinospartum lusitanicum	20.9
Juniperus communis subsp. nana	20.5	Festuca eskia	20.3
Festuca indigesta	19.4	Lactuca viminea	19.3
Ornithogalum concinnum	19.2	Luzula lactea	18.8
Genista florida	18.8	Santolina rosmarinifolia	18.1

Koeleria crassipes	18.1	Neoschischkinia truncatula	18.0
Festuca arvernensis subsp. costei	17.7	Helictochloa marginata	17.6
Plantago subulata	16.5	Anarrhinum bellidifolium	16.4
Digitalis thapsi	16.2	Molopospermum peloponnesiacum	16.0
Leucantheropsis pallida	16.0	Agrostis castellana	15.5
<i>Constant species (occurrence frequencies)</i>			
Cytisus balansae	83.0	Avenella flexuosa	46.0
Calluna vulgaris	33.0	Cytisus scoparius	22.0
Juniperus communis subsp. nana	20.0	Genista cinerascens	20.0
Teucrium scorodonia	17.0	Rubus idaeus	17.0
Juniperus communis subsp. communis	16.0	Arrhenatherum elatius	16.0
Rumex acetosella	15.0	Linaria repens	15.0
Jasione montana	15.0	Agrostis capillaris	15.0
Pteridium aquilinum	13.0	Jacobaea adonidifolia	13.0
Vaccinium myrtillus	12.0	Thymus praecox	12.0
Pinus sylvestris	11.0	Jasione crispa	11.0
Gentiana lutea	11.0	Erinacea anthyllis	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Cytisus balansae	82.0	Erinacea anthyllis	10.0

#### **S74 - [F74b] Central Mediterranean mountain hedgehog-heath**

<i>Diagnostic species (phi coefficient * 100)</i>			
Genista lobelii	64.8	Thymus herba-barona	44.2
Astracantha parnassi subsp. calabricus	42.4	Galium corsicum	40.9
Centaurea sarfattiana	38.7	Cerastium soleirolii	38.3
Petrorhagia saxifraga	38.1	Bellium bellidioides	37.9
Anthyllis hermanniae	37.7	Armeria brutia	36.1
Genista desoleana	34.5	Carlina nebrodensis	34.0
Hypochaeris robertia	33.6	Festuca circummediterranea	32.3
Hypericum barbatum	32.0	Plantago maritima subsp. serpentina	31.9
Sedum amplexicaule	31.4	Helichrysum italicum	31.2
Phleum ambiguum	31.0	Tolpis virgata	30.9
Splendens subsp. brutia	30.0	Hypochaeris cretensis	30.0
Rosa serafinii	29.5	Anthemis cretica	29.5
Bunium alpinum	28.5	Thymus longicaulis	28.4
Stachys corsica	28.2	Berberis aetnensis	27.8
Sagina pilifera	27.4	Silene italica	26.2
Klasea nudicaulis	26.2	Festuca laevigata	26.2
Ligusticum corsicum	26.1	Crocus corsicus	25.9
Jasione montana	25.3	Cytisus spinescens	24.8
Euphorbia spinosa	24.6	Satureja montana	24.4
Pilosella hoppeana	23.8	Iberis saxatilis	23.4
Valeriana tuberosa	23.2	Santolina chamaecyparissus aggr.	23.0
Secale strictum	22.9	Genista salzmannii	21.9

Carlina macrocephala	21.6	Agrostis castellana	21.6
Rumex aetnensis	20.9	Plantago subulata	20.6
Festuca robustifolia	20.6	Viola corsica	20.4
Astracantha sicula	20.3	Centaurea paniculata	19.3
Galium aetnicum	19.1	Achillea ligustica	19.1
Scorzonera austriaca	19.0	Pilosella lactucella	19.0
Fumana ericifolia	19.0	Sedum ochroleucum	18.6
Potentilla detommasii	18.1	Dianthus sylvestris	18.1
Aira caryophyllea	17.6	Morisia monanthos	17.4
Genista cupanii	17.3	Santolina ligustica	17.2
Genista michelii	17.0	Festuca gamisansii subsp. aethaliae	17.0
Senecio squalidus subsp. aethnensis	16.9	Odontites corsica	16.8
Teucrium montanum	15.8	Scorzonera hirsuta	15.8
Tulipa sylvestris	15.7	Thymus vulgaris	15.7
Inula montana	15.7	Brimeura fastigiata	15.5
Scorzoneroides cichoriacea	15.4	Phyteuma serratum	15.3
Centaurea parlatoris	15.2	Stipa pennata	15.1
<i>Constant species (occurrence frequencies)</i>			
Genista lobelii	44.0	Petrorhagia saxifraga	31.0
Jasione montana	30.0	Helichrysum italicum	25.0
Thymus herba-barona	22.0	Rumex acetosella	22.0
Plantago maritima subsp. serpentina	22.0	Helianthemum nummularium	22.0
Thymus longicaulis	20.0	Silene italica	20.0
Anthyllis hermanniae	20.0	Thymus vulgaris	19.0
Satureja montana	19.0	Galium corsicum	19.0
Festuca circummediterranea	19.0	Bellium bellidioides	19.0
Astracantha parnassi subsp. calabricus	19.0	Anthoxanthum odoratum aggr.	19.0
Teucrium montanum	17.0	Cerastium soleirolii	17.0
Avenella flexuosa	17.0	Anthyllis vulneraria	17.0
Teucrium polium aggr.	16.0	Sedum amplexicaule	16.0
Pilosella hoppeana	16.0	Phleum ambiguum	16.0
Nardus stricta	16.0	Hypochaeris robertia	16.0
Dactylis glomerata	16.0	Centaurea sarfattiana	16.0
Teucrium chamaedrys	14.0	Pilosella lactucella	14.0
Juniperus communis subsp. nana	14.0	Hypericum barbatum	14.0
Bromopsis erecta	14.0	Brachypodium rupestre	14.0
Brachypodium pinnatum	14.0	Armeria brutia	14.0
Anthemis cretica	14.0	Aira caryophyllea	14.0
Agrostis castellana	14.0	Tolpis virgata	12.0
Hypochaeris cretensis	12.0	Genista desoleana	12.0
Dianthus sylvestris	12.0	Carlina nebrodensis	12.0
Sesleria coerulans	11.0	Santolina chamaecyparissus aggr.	11.0
Plantago subulata	11.0	Cerastium arvense	11.0
Carex humilis	11.0	Carex halleriana	11.0
Carex caryophyllea	11.0	Bunium alpinum	11.0
Aphyllanthes monspeliensis	11.0		



*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Genista lobelii	44.0	Astracantha parnassi subsp. calabricus	17.0
Genista desoleana	12.0	Thymus longicaulis	8.0
Cytisus spinescens	8.0	Genista salzmännii	6.0

**S75 - [F74c] Eastern Mediterranean mountain hedgehog-heath**

*Diagnostic species (phi coefficient \* 100)*

Daphne oleoides	67.8	Astragalus angustifolius	64.7
Eryngium amethystinum	61.9	Marrubium velutinum	60.9
Astracantha rumelica	60.6	Poa thessala	54.6
Carduus tmoleus	50.8	Berberis cretica	48.1
Cerastium candidissimum	47.1	Campanula spatulata	47.0
Asyneuma limonifolium	46.7	Acantholimon ulicinum	45.0
Koeleria lobata	43.2	Galium thymifolium	43.1
Astracantha cretica	43.0	Phleum montanum	40.5
Festuca varia	40.5	Ptilostemon afer	39.7
Prunus prostrata	38.3	Bromopsis cappadocica	37.9
Cirsium hypopsilum	37.8	Clinopodium alpinum	37.1
Cerastium brachypetalum	35.8	Festuca jeanpertia	35.7
Festuca polita	34.8	Lepidium hirtum	34.5
Thymus longicaulis	34.0	Minuartia attica	33.2
Melica ciliata	33.0	Verbascum epixanthinum	32.2
Dianthus biflorus	32.2	Marrubium cylleneum	32.1
Centaurea affinis	32.1	Aubrieta deltoidea	31.0
Rosa pulverulenta	29.8	Pimpinella tragium	29.1
Cirsium morinifolium	28.4	Lactuca alpestris	28.3
Geranium macrostylum	28.1	Trifolium parnassii	27.8
Morina persica	27.5	Sedum amplexicaule	27.2
Hypochaeris tenuiflora	25.0	Rosa heckeliana	24.9
Galium taygetum	24.9	Gagea chrysantha	24.9
Allium frigidum	24.9	Anchusa cespitosa	24.7
Crataegus pycnoloba	24.5	Veronica thymifolia	24.4
Sesleria vaginalis	24.3	Euphorbia herniariifolia	23.9
Prunus cocomilia	23.8	Asperula idaea	23.6
Taraxacum sect. Scariosa	23.4	Crupina crupinastrum	22.9
Herniaria parnassica	22.7	Euphorbia myrsinites	21.7
Senecio squalidus subsp. squalidus	21.2	Centaurea idaea	21.0
Anthemis rigida	20.7	Colchicum cretense	20.4
Anthemis cretica	20.4	Allium phthioticum	20.4
Corydalis uniflora	20.3	Erysimum pectinatum	20.2
Astracantha thracica	20.2	Scilla nana	20.1
Minuartia juniperina	20.1	Linaria peloponnesiaca	20.1
Crepis sibthorpiana	20.1	Allium guttatum	20.1
Stipa pennata	19.8	Myosotis refracta	19.6
Malcolmia graeca	19.5	Lactuca viminea	19.5
Crataegus heldreichii	19.5	Bufonia stricta	19.5

Peridictyon sanctum	19.4	Cirsium candelabrum	19.3
Scandix australis	19.1	Geranium subcaulescens	18.9
Erysimum pusillum	18.9	Crocus sieberi	18.9
Crataegus orientalis	18.9	Telephium imperati	18.7
Arum creticum	18.6	Silene radicata	18.5
Stachys germanica	18.1	Poa bulbosa	17.7
Sideritis syriaca	16.5	Salvia argentea	16.5
Alyssum montanum	16.5	Alyssum minutum	16.3
Campanula lingulata	16.2	Ballota acetabulosa	16.1
Drabella muralis	16.0	Bromus scoparius	15.9
Armeria canescens	15.9	Pilosella cymosa	15.2
Euphorbia acanthothamnos	15.2		
<i>Constant species (occurrence frequencies)</i>			
Daphne oleoides	53.0	Eryngium amethystinum	51.0
Dactylis glomerata	49.0	Astragalus angustifolius	45.0
Marrubium velutinum	38.0	Astracantha rumelica	38.0
Clinopodium alpinum	36.0	Poa thessala	32.0
Melica ciliata	32.0	Koeleria lobata	28.0
Carduus tmoleus	28.0	Campanula spatulata	28.0
Thymus longicaulis	26.0	Cerastium brachypetalum	26.0
Berberis cretica	26.0	Asyneuma limonifolium	26.0
Poa bulbosa	23.0	Festuca varia	23.0
Cerastium candidissimum	23.0	Phleum montanum	21.0
Acantholimon ulicinum	21.0	Sanguisorba minor	19.0
Galium thymifolium	19.0	Astracantha cretica	19.0
Ptilostemon afer	17.0	Prunus prostrata	17.0
Bromopsis cappadocica	17.0	Pimpinella tragium	15.0
Festuca jeanpertia	15.0	Cirsium hypopsilum	15.0
Arenaria serpyllifolia	15.0	Trisetum flavescens	13.0
Stipa pennata	13.0	Sedum amplexicaule	13.0
Minuartia attica	13.0	Lepidium hirtum	13.0
Juniperus oxycedrus	13.0	Festuca polita	13.0
Centaurea affinis	13.0	Verbascum epixanthinum	11.0
Teucrium chamaedrys	11.0	Sedum album	11.0
Sedum acre	11.0	Rosa pulverulenta	11.0
Marrubium cylleneum	11.0	Euphorbia myrsinites	11.0
Dianthus biflorus	11.0	Cynosurus echinatus	11.0
Aubrieta deltoidea	11.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Astracantha rumelica	38.0	Astragalus angustifolius	32.0
Astracantha cretica	15.0	Berberis cretica	9.0

## S76 - [F74d] Canarian mountain hedgehog-heath

*Diagnostic species (phi coefficient \* 100)*

Cytisus supranubius	82.3	Pterocephalus lasiospermus	75.6
Tolpis webbii	68.4	Erysimum scoparium	68.4
Arrhenatherum calderae	64.6	Scrophularia glabrata	64.4
Adenocarpus viscosus	64.2	Nepeta teydea	55.9
Descurainia bourgaeana	45.6	Argyranthemum tenerifae	45.6
Pinus canariensis	43.4	Cheirolophus teydis	39.4
Sideritis eriocephala	32.3	Micromeria lasiophylla subsp. palmensis	32.3
Pimpinella cumbrae	32.2	Echium wildpretii	32.2
Descurainia gonzalesii	32.1	Micromeria lachnophylla	32.0
Carlina xeranthemoides	31.9	Argyranthemum adauctum	31.8
Bystropogon origanifolius	31.5	Andryala pinnatifida	30.5
Cytisus proliferus	29.7	Sonchus canariensis	22.8
Polycarpha tenuis	22.8	Plantago webbii	22.8
Echium gentianoides	22.8	Descurainia lemsii	22.8
Cerastium sventenii	22.8	Aeonium smithii	22.8
Silene nocteolens	22.7	Viola cheiranthifolia	22.6
Echium virescens	22.1	Bufonia paniculata	21.8
Juniperus cedrus	21.7		
<i>Constant species (occurrence frequencies)</i>			
Cytisus supranubius	68.0	Pterocephalus lasiospermus	58.0
Tolpis webbii	47.0	Erysimum scoparium	47.0
Scrophularia glabrata	42.0	Arrhenatherum calderae	42.0
Adenocarpus viscosus	42.0	Nepeta teydea	32.0
Pinus canariensis	21.0	Descurainia bourgaeana	21.0
Argyranthemum tenerifae	21.0	Cheirolophus teydis	16.0
Sideritis eriocephala	11.0	Pimpinella cumbrae	11.0
Micromeria lasiophylla subsp. palmensis	11.0	Micromeria lachnophylla	11.0
Echium wildpretii	11.0	Descurainia gonzalesii	11.0
Cytisus proliferus	11.0	Carlina xeranthemoides	11.0
Bystropogon origanifolius	11.0	Argyranthemum adauctum	11.0
Anisantha tectorum	11.0	Andryala pinnatifida	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Cytisus supranubius	37.0	Pterocephalus lasiospermus	32.0
Silene nocteolens	5.0	Plantago webbii	5.0
Pimpinella cumbrae	5.0	Micromeria lasiophylla subsp. palmensis	5.0
Micromeria lachnophylla	5.0	Cheirolophus teydis	5.0
Echium virescens	5.0	Descurainia bourgaeana	5.0

### **S81 - [F81] Canarian xerophytic scrub**

#### *Diagnostic species (phi coefficient \* 100)*

Kleinia neriifolia	73.8	Euphorbia regis-jubae	69.9
Euphorbia balsamifera	65.7	Rubia fruticosa	64.8
Plocama pendula	60.3	Euphorbia canariensis	59.0
Launaea arborescens	58.1	Schizogyne sericea	54.4

Periploca angustifolia	51.1	Cenchrus ciliaris	47.8
Hyparrhenia hirta	47.2	Lycium intricatum	46.6
Scilla haemorrhoidalis	43.0	Helianthemum canariense	41.7
Neochamaelea pulverulenta	41.2	Lavandula canariensis	40.6
Opuntia stricta	39.8	Rumex lunaria	38.2
Aristida adscensionis	38.1	Ceropegia fusca	37.7
Argyranthemum frutescens	36.8	Echium decaisnei	36.3
Fagonia cretica	34.2	Micromeria varia	34.1
Campylanthus salsoloides	32.7	Aeonium percarneum	31.0
Euphorbia lamarckii	30.8	Asparagus arborescens	29.8
Sonchus pinnatus	29.3	Opuntia ficus-indica	28.8
Kickxia scoparia	28.2	Retama raetam subsp. raetam	28.1
Forsskaolea angustifolia	27.8	Asparagus umbellatus	27.7
Lobularia canariensis	27.6	Lavandula multifida	27.3
Artemisia thuscula	27.2	Reseda scoparia	26.7
Echium breviflorum	26.6	Asparagus pastorianus	26.5
Salvia canariensis	26.4	Aizoon canariense	26.0
Limonium pectinatum	25.6	Lycium afrum	24.7
Convolvulus floridus	24.7	Suaeda vera	24.4
Lotus lancerottensis	24.4	Polycarpaea divaricata	24.2
Astydamia latifolia	24.0	Ajuga iva	23.9
Argyranthemum gracile	23.1	Allagopappus canariensis	23.0
Pancreatum canariense	21.0	Phagnalon purpurascens	20.9
Euphorbia aphylla	20.9	Spergularia fimbriata	20.8
Rhamnus crenulata	20.8	Micromeria hyssopifolia	20.8
Kickxia sagittata	20.8	Asphodelus ramosus	20.8
Tricholaena teneriffae	20.2	Frankenia ericifolia	20.2
Patellifolia procumbens	19.8	Asparagus plocamoides	18.7
Withania aristata	18.6	Frankenia laevis	18.6
Asparagus scoparius	18.5	Salvia aegyptiaca	18.4
Opuntia tuna	18.1	Aeonium urbicum	18.1
Ferula linkii	17.8	Lotus sessilifolius	17.7
Carlina salicifolia	17.0	Polycarpaea nivea	16.9
Stipa capensis	16.5	Umbilicus horizontalis	16.3
Lavandula pinnata	16.3	Aeonium haworthii	16.3
Asteriscus graveolens	16.2	Pericallis webbii	16.1
Ceballosia fruticosa	16.1	Brachypodium arbuscula	16.1
Suaeda ifniensis	16.0	Reichardia intermedia	16.0
Lavandula minutolii	16.0	Aeonium lindleyi	16.0
Micromeria herpyllomorpha	15.9	Spergula fallax	15.8
Echium aculeatum	15.8	Lotus glaucus	15.5
Euphorbia berthelotii	15.5	Ifloga spicata	15.0
<i>Constant species (occurrence frequencies)</i>			
Kleinia neriifolia	56.0	Euphorbia regis-jubae	50.0
Euphorbia balsamifera	44.0	Rubia fruticosa	43.0
Plocama pendula	37.0	Launaea arborescens	36.0
Euphorbia canariensis	35.0	Hyparrhenia hirta	34.0

Schizogyne sericea	31.0	Periploca angustifolia	28.0
Cenchrus ciliaris	24.0	Lycium intricatum	23.0
Scilla haemorrhoidalis	19.0	Helianthemum canariense	18.0
Neochamaelea pulverulenta	17.0	Lavandula canariensis	17.0
Opuntia stricta	16.0	Asphodelus ramosus	16.0
Rumex lunaria	15.0	Aristida adscensionis	15.0
Echium decaisnei	14.0	Ceropegia fusca	14.0
Argyranthemum frutescens	14.0	Micromeria varia	13.0
Fagonia cretica	13.0	Suaeda vera	11.0
Campylanthus salsoloides	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Euphorbia balsamifera	36.0	Euphorbia canariensis	14.0
Euphorbia regis-jubae	9.0	Helianthemum canariense	6.0
Plocama pendula	5.0		

**S82 - [F82] Madeiran xerophytic scrub**

*Diagnostic species (phi coefficient \* 100)*

Aeonium glandulosum	86.1	Plantago arborescens	78.5
Globularia salicina	78.5	Phyllis nobla	78.4
Euphorbia mellifera	70.4	Echium nervosum	70.4
Opuntia tuna	70.3	Helichrysum melaleucum	70.3
Carlina salicifolia	69.9	Sideritis candicans	61.0
Dactylis smithii	60.9	Hyparrhenia hirta	60.0
Davallia canariensis	59.7	Sinapidendron angustifolium	49.8
Echium portasanctensis	49.8	Sonchus ustulatus	49.7
Maytenus umbellata	49.7	Matthiola maderensis	49.7
Crambe fruticosa	49.7	Senecio incrassatus	49.4
Sideroxylon mirmulans	35.2	Micromeria varia subsp. thymoides	35.2
Lotus argyrodes	35.2	Cheirolophus massonianus	35.2
Erysimum arbuscula	35.2	Tolpis succulenta	35.1
Teucrium betonicum	35.1	Sinapidendron gymnocalyx	35.1
Plantago leiopetala	35.1	Hypericum glandulosum	35.1
Hedera maderensis	35.1	Asparagus asparagoides	35.1
Genista tenera	35.0	Argyranthemum webbii	35.0
Pericallis aurita	34.9	Erysimum bicolor	34.8
Asparagus scoparius	34.8	Lotus glaucus	34.7
Laurus novocanariensis	34.7	Apollonias barbujana	34.7
Andryala glandulosa	34.6	Picconia excelsa	34.4
Asparagus umbellatus	34.3	Hypericum canariense	34.0
Ageratina adenophora	33.0	Ephedra fragilis	31.2
Carpobrotus edulis	30.8	Bituminaria bituminosa	30.0
Polygonum maritimum	26.4	Phagnalon saxatile	25.9
Scorpiurus muricatus	24.7	Euphorbia paralias	21.8
Rumex bucephalophorus	21.6	Prasium majus	20.6
Myrtus communis	16.0		

*Constant species (occurrence frequencies)*

Aeonium glandulosum	75.0	Plantago arborescens	62.0
Phyllis nobla	62.0	Globularia salicina	62.0
Opuntia tuna	50.0	Hyparrhenia hirta	50.0
Helichrysum melaleucum	50.0	Euphorbia mellifera	50.0
Echium nervosum	50.0	Carlina salicifolia	50.0
Sideritis candicans	38.0	Davallia canariensis	38.0
Dactylis smithii	38.0	Sonchus ustulatus	25.0
Sinapidendron angustifolium	25.0	Senecio incrassatus	25.0
Rubus ulmifolius	25.0	Maytenus umbellata	25.0
Matthiola maderensis	25.0	Echium portasanctensis	25.0
Crambe fruticosa	25.0	Bituminaria bituminosa	25.0
Tolpis succulenta	12.0	Teucrium betonicum	12.0
Smilax aspera	12.0	Sinapidendron gymnocalyx	12.0
Sideroxylon mirmulans	12.0	Scorpiurus muricatus	12.0
Micromeria varia subsp. thymoides	12.0	Rumex bucephalophorus	12.0
Prasium majus	12.0	Polygonum maritimum	12.0
Plantago leiopetala	12.0	Picconia excelsa	12.0
Phagnalon saxatile	12.0	Pericallis aurita	12.0
Myrtus communis	12.0	Lotus glaucus	12.0
Lotus argyroides	12.0	Laurus novocanariensis	12.0
Cheirolophus massonianus	12.0	Hypericum glandulosum	12.0
Hypericum canariense	12.0	Hedera maderensis	12.0
Genista tenera	12.0	Euphorbia paralias	12.0
Erysimum bicolor	12.0	Erysimum arbuscula	12.0
Ephedra fragilis	12.0	Dioscorea communis	12.0
Carpobrotus edulis	12.0	Asparagus umbellatus	12.0
Asparagus scoparius	12.0	Asparagus asparagoides	12.0
Argyranthemum webbii	12.0	Apollonias barbujana	12.0
Andryala glandulosa	12.0	Ageratina adenophora	12.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Helichrysum melaleucum	25.0	Globularia salicina	25.0
Euphorbia mellifera	25.0	Sideroxylon mirmulans	12.0
Plantago arborescens	12.0	Hypericum canariense	12.0
Echium portasanctensis	12.0	Echium nervosum	12.0

**S91 - [F91] Temperate riparian scrub**

*Diagnostic species (phi coefficient \* 100)*

Salix purpurea	55.2	Salix triandra	52.8
Salix eleagnos	41.8	Salix viminalis	40.1
Myricaria germanica	28.2	Salix daphnoides	17.8
Calystegia sepium	16.8	Salix salviifolia	16.4
Calamagrostis pseudophragmites	16.2	Salix euxina	16.1
Rubus caesius	15.9	Solanum dulcamara	15.5

Populus nigra	15.3		
<i>Constant species (occurrence frequencies)</i>			
Salix purpurea	58.0	Urtica dioica	46.0
Salix triandra	43.0	Salix eleagnos	33.0
Phalaroides arundinacea	32.0	Rubus caesius	31.0
Calystegia sepium	29.0	Solanum dulcamara	26.0
Salix viminalis	26.0	Ranunculus repens	26.0
Agrostis stolonifera	24.0	Poa trivialis	23.0
Equisetum arvense	20.0	Glechoma hederacea	19.0
Galium aparine	19.0	Angelica sylvestris	19.0
Lythrum salicaria	18.0	Tussilago farfara	15.0
Symphytum officinale	15.0	Lysimachia vulgaris	15.0
Lycopus europaeus	15.0	Deschampsia cespitosa	15.0
Salix alba	14.0	Populus nigra	14.0
Mentha longifolia	14.0	Aegopodium podagraria	14.0
Taraxacum sect. Taraxacum	13.0	Salix euxina	13.0
Galium mollugo aggr.	13.0	Eupatorium cannabinum	13.0
Dactylis glomerata	13.0	Humulus lupulus	12.0
Elymus caninus	12.0	Brachypodium sylvaticum	12.0
Petasites hybridus	11.0	Filipendula ulmaria	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Salix purpurea	33.0	Salix triandra	26.0
Salix eleagnos	21.0	Salix viminalis	17.0
Urtica dioica	10.0	Myricaria germanica	8.0
<b>S92 - [F92] Salix fen scrub</b>			
<i>Diagnostic species (phi coefficient * 100)</i>			
Salix cinerea	38.9	Myrica gale	19.2
Salix repens	15.6	Salix aurita	15.4
<i>Constant species (occurrence frequencies)</i>			
Salix cinerea	70.0	Lysimachia vulgaris	30.0
Galium palustre	29.0	Urtica dioica	24.0
Phragmites australis	24.0	Frangula alnus	24.0
Molinia caerulea aggr.	23.0	Solanum dulcamara	22.0
Lycopus europaeus	22.0	Juncus effusus	18.0
Calliergonella cuspidata	18.0	Salix repens	17.0
Lythrum salicaria	17.0	Iris pseudacorus	17.0
Filipendula ulmaria	16.0	Cirsium palustre	16.0
Salix aurita	15.0	Calamagrostis canescens	15.0
Betula pubescens	15.0	Poa trivialis	14.0
Myrica gale	13.0	Mentha aquatica	13.0
Holcus lanatus	13.0	Angelica sylvestris	13.0
Alnus glutinosa	13.0	Agrostis stolonifera	13.0

Rubus fruticosus aggr.	12.0	Ranunculus repens	12.0
Peucedanum palustre	12.0	Dryopteris carthusiana	12.0
Comarum palustre	12.0	Caltha palustris	12.0
Potentilla erecta	11.0	Equisetum fluviatile	11.0
Carex acutiformis	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Salix cinerea	63.0	Salix repens	14.0
Myrica gale	12.0	Salix aurita	7.0
Molinia caerulea aggr.	7.0	Frangula alnus	6.0

**S93 - [F93] Mediterranean riparian scrub**

*Diagnostic species (phi coefficient \* 100)*

Vitex agnus-castus	53.9	Nerium oleander	53.3
Tamarix africana	40.2	Tamarix canariensis	37.0
Tamarix parviflora	35.6	Tamarix hampeana	30.1
Juncus acutus	26.7	Oxalis pes-caprae	21.4
Dracunculus vulgaris	21.1	Suaeda vera	20.3
Limonium vulgare aggr.	20.0	Dittrichia viscosa	19.7
Rubus sanctus	18.1	Piptatherum miliaceum	17.9
Juncus maritimus	17.6	Parietaria cretica	17.3
Hypericum hircinum	16.8	Atriplex halimus	16.4
Phlomis lanata	16.0	Sarcopoterium spinosum	15.9
Gomphocarpus fruticosus	15.9	Ballota pseudodictamnus	15.4
Polypogon monspeliensis	15.3		

*Constant species (occurrence frequencies)*

Nerium oleander	37.0	Vitex agnus-castus	32.0
Rubus ulmifolius	25.0	Tamarix africana	19.0
Pistacia lentiscus	16.0	Tamarix canariensis	15.0
Tamarix parviflora	14.0	Phragmites australis	14.0
Dittrichia viscosa	14.0	Juncus acutus	13.0
Piptatherum miliaceum	12.0	Galium aparine	12.0
Smilax aspera	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Nerium oleander	30.0	Vitex agnus-castus	22.0
Tamarix africana	15.0	Tamarix canariensis	14.0
Tamarix parviflora	13.0	Tamarix hampeana	9.0

**S94 - [F94] Semi-desert riparian scrub**

*Diagnostic species (phi coefficient \* 100)*

Alhagi maurorum	92.5	Tamarix ramosissima	81.9
Aeluropus pungens	74.2	Eremopyrum triticeum	72.5



Polygonum arenarium	70.9	Limonium meyeri	69.6
Atriplex aucheri	69.0	Cynanchum acutum	68.2
Atriplex tatarica	63.4	Atriplex micrantha	59.7
Bassia sedoides	59.4	Lactuca tatarica	55.1
Suaeda altissima	48.6	Lepidium perfoliatum	47.3
Cynodon dactylon	46.1	Artemisia santonicum	44.6
Descurainia sophia	44.0	Bassia hyssopifolia	42.2
Polygonum bellardii	40.5	Lepidium latifolium	39.9
Glycyrrhiza glabra	37.7	Sisymbrium loeselii	37.4
Tamarix laxa	35.0	Lappula marginata	34.1
Dodartia orientalis	33.8	Petrosimonia oppositifolia	33.4
Galium humifusum	33.1	Suaeda acuminata	32.7
Bolboschoenus glaucus	32.2	Frankenia hirsuta	31.9
Eremopyrum orientale	31.6	Puccinellia gigantea	30.9
Verbascum blattaria	30.4	Althaea officinalis	29.0
Xanthium orientale	25.8	Gypsophila scorzonerifolia	24.7
Zygophyllum fabago	23.8	Medicago sativa	23.7
Petrosimonia brachiata	23.2	Senecio glaucus	23.0
Pterygoneurum ovatum	22.9	Chorispora tenella	22.9
Erysimum montanum	22.8	Elaeagnus angustifolia	21.7
Achillea micrantha	21.6	Limonium bellidifolium	21.4
Rhaponticum repens	21.2	Ceratocarpus arenarius	21.1
Polygonum patulum	20.8	Artemisia austriaca	20.6
Artemisia arenaria	20.5	Artemisia taurica	19.8
Erysimum repandum	19.6	Glycyrrhiza echinata	19.0
Elytrigia repens	19.0	Atriplex sagittata	17.2
Bromus squarrosus	16.3	Juncus gerardi	15.0
Consolida regalis	15.0		
<i>Constant species (occurrence frequencies)</i>			
Alhagi maurorum	88.0	Tamarix ramosissima	69.0
Cynodon dactylon	62.0	Polygonum arenarium	56.0
Limonium meyeri	56.0	Eremopyrum triticeum	56.0
Cynanchum acutum	56.0	Aeluropus pungens	56.0
Elytrigia repens	50.0	Atriplex tatarica	50.0
Atriplex aucheri	50.0	Lactuca tatarica	38.0
Descurainia sophia	38.0	Bassia sedoides	38.0
Atriplex micrantha	38.0	Artemisia santonicum	31.0
Suaeda altissima	25.0	Lepidium perfoliatum	25.0
Xanthium orientale	19.0	Sisymbrium loeselii	19.0
Polygonum bellardii	19.0	Medicago sativa	19.0
Lepidium latifolium	19.0	Glycyrrhiza glabra	19.0
Galium humifusum	19.0	Calamagrostis epigejos	19.0
Bassia hyssopifolia	19.0	Althaea officinalis	19.0
Verbascum blattaria	12.0	Tamarix laxa	12.0
Suaeda acuminata	12.0	Silene latifolia	12.0
Puccinellia gigantea	12.0	Potentilla reptans	12.0
Poa bulbosa	12.0	Plantago major	12.0

Petrosimonia oppositifolia	12.0	Lappula marginata	12.0
Juncus gerardi	12.0	Frankenia hirsuta	12.0
Eremopyrum orientale	12.0	Dodartia orientalis	12.0
Convolvulus arvensis	12.0	Consolida regalis	12.0
Cirsium arvense	12.0	Bromus squarrosus	12.0
Bolboschoenus glaucus	12.0	Atriplex prostrata	12.0
Artemisia austriaca	12.0	Anisantha tectorum	12.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Tamarix ramosissima	69.0	Tamarix laxa	12.0
Cynodon dactylon	12.0	Atriplex micrantha	12.0
Atriplex aucheri	6.0		

**T11 - [G11] Temperate Salix and Populus riparian forest**

*Diagnostic species (phi coefficient \* 100)*

Salix alba	53.7	Salix euxina	40.5
Populus nigra	31.8	Rubus caesius	22.1
Populus alba	22.0	Urtica dioica	20.5
Salix triandra	20.3	Humulus lupulus	20.1
Salix x fragilis	18.9	Salix purpurea	18.9
Calystegia sepium	18.7	Salix viminalis	18.5
Phalaroides arundinacea	17.5	Impatiens glandulifera	17.1
Galium aparine	16.1	Symphytum officinale	15.2

*Constant species (occurrence frequencies)*

Urtica dioica	72.0	Salix alba	59.0
Galium aparine	45.0	Rubus caesius	42.0
Phalaroides arundinacea	36.0	Glechoma hederacea	35.0
Salix euxina	33.0	Calystegia sepium	32.0
Populus nigra	30.0	Poa trivialis	29.0
Sambucus nigra	25.0	Ranunculus repens	25.0
Humulus lupulus	25.0	Symphytum officinale	23.0
Solanum dulcamara	23.0	Alnus glutinosa	22.0
Aegopodium podagraria	21.0	Fraxinus excelsior	20.0
Cornus sanguinea	20.0	Phragmites australis	19.0
Crataegus monogyna	19.0	Lycopus europaeus	18.0
Dactylis glomerata	18.0	Salix purpurea	17.0
Geum urbanum	17.0	Angelica sylvestris	17.0
Populus alba	16.0	Lythrum salicaria	16.0
Lysimachia vulgaris	16.0	Lamium maculatum	16.0
Agrostis stolonifera	16.0	Iris pseudacorus	15.0
Heracleum sphondylium	15.0	Filipendula ulmaria	15.0
Brachypodium sylvaticum	15.0	Rubus fruticosus aggr.	14.0
Euonymus europaeus	14.0	Anthriscus sylvestris	14.0
Alliaria petiolata	14.0	Salix triandra	13.0
Lysimachia nummularia	12.0	Ficaria verna	12.0

Equisetum arvense	12.0	Stachys sylvatica	11.0
Schedonorus giganteus	11.0	Salix cinerea	11.0
Rumex obtusifolius	11.0	Impatiens noli-tangere	11.0
Hedera helix	11.0	Galium palustre	11.0
Deschampsia cespitosa	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Salix alba	48.0	Urtica dioica	26.0
Salix euxina	24.0	Populus nigra	17.0
Rubus caesius	9.0	Populus alba	9.0
Phalaroides arundinacea	6.0		

**T12 - [G12a] Alnus glutinosa-Alnus incana forest on riparian and mineral soils**

*Diagnostic species (phi coefficient \* 100)*

Alnus glutinosa	40.6	Alnus incana	22.4
Carex remota	17.0	Impatiens noli-tangere	16.5
Stachys sylvatica	16.1	Schedonorus giganteus	15.7
Stellaria nemorum	15.2	Urtica dioica	15.1

*Constant species (occurrence frequencies)*

Alnus glutinosa	82.0	Urtica dioica	54.0
Fraxinus excelsior	43.0	Athyrium filix-femina	38.0
Filipendula ulmaria	35.0	Geum urbanum	33.0
Ranunculus repens	32.0	Deschampsia cespitosa	30.0
Brachypodium sylvaticum	30.0	Sambucus nigra	28.0
Stachys sylvatica	27.0	Rubus fruticosus aggr.	27.0
Geranium robertianum	27.0	Corylus avellana	27.0
Aegopodium podagraria	27.0	Oxalis acetosella	25.0
Lamium galeobdolon	25.0	Impatiens noli-tangere	25.0
Galium aparine	25.0	Angelica sylvestris	25.0
Glechoma hederacea	24.0	Alnus incana	24.0
Rubus idaeus	23.0	Caltha palustris	23.0
Poa trivialis	21.0	Circaea lutetiana	21.0
Carex remota	21.0	Acer pseudoplatanus	21.0
Stellaria nemorum	20.0	Schedonorus giganteus	20.0
Plagiomnium undulatum	20.0	Hedera helix	20.0
Lysimachia vulgaris	19.0	Ficaria verna	19.0
Rubus caesius	18.0	Crataegus monogyna	18.0
Anemone nemorosa	18.0	Ajuga reptans	18.0
Solanum dulcamara	17.0	Chaerophyllum hirsutum	17.0
Carex sylvatica	17.0	Euonymus europaeus	16.0
Crepis paludosa	16.0	Sorbus aucuparia	15.0
Salix cinerea	15.0	Prunus padus	15.0
Lycopus europaeus	15.0	Humulus lupulus	15.0
Galium palustre	15.0	Cornus sanguinea	15.0
Cirsium oleraceum	15.0	Poa nemoralis	14.0

Picea abies	14.0	Equisetum arvense	14.0
Dryopteris filix-mas	14.0	Viburnum opulus	13.0
Quercus robur	13.0	Juncus effusus	13.0
Chrysosplenium alternifolium	13.0	Dryopteris dilatata	13.0
Cardamine amara	13.0	Viola reichenbachiana	12.0
Senecio nemorensis aggr.	12.0	Primula elatior	12.0
Phalaroides arundinacea	12.0	Lysimachia nummularia	12.0
Eupatorium cannabinum	12.0	Dryopteris carthusiana	12.0
Dactylis glomerata	12.0	Silene dioica	11.0
Lysimachia nemorum	11.0	Lonicera periclymenum	11.0
Lamium maculatum	11.0	Geum rivale	11.0
Brachythecium rutabulum	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Alnus glutinosa	79.0	Alnus incana	19.0
Urtica dioica	9.0	Fraxinus excelsior	6.0

**T13 - [G12b] Temperate hardwood riparian forest**

*Diagnostic species (phi coefficient \* 100)*

Fraxinus excelsior	25.6	Prunus padus	25.3
Geum urbanum	23.0	Circaea lutetiana	22.8
Rumex sanguineus	22.1	Rubus caesius	22.0
Ribes rubrum aggr.	20.9	Schedonorus giganteus	19.8
Ficaria verna	19.7	Carex remota	19.7
Euonymus europaeus	19.6	Stachys sylvatica	18.7
Glechoma hederacea	18.7	Viburnum opulus	18.0
Quercus robur	17.9	Carex sylvatica	17.8
Alnus glutinosa	16.7	Ulmus minor	16.6
Brachypodium sylvaticum	16.6	Deschampsia cespitosa	16.0
Plagiomnium undulatum	15.8	Ulmus laevis	15.7
Urtica dioica	15.6		

*Constant species (occurrence frequencies)*

Fraxinus excelsior	82.0	Quercus robur	59.0
Urtica dioica	58.0	Geum urbanum	56.0
Deschampsia cespitosa	53.0	Corylus avellana	52.0
Brachypodium sylvaticum	46.0	Crataegus monogyna	44.0
Glechoma hederacea	43.0	Rubus caesius	42.0
Hedera helix	42.0	Euonymus europaeus	40.0
Carex sylvatica	40.0	Rubus fruticosus aggr.	39.0
Alnus glutinosa	39.0	Filipendula ulmaria	38.0
Circaea lutetiana	38.0	Cornus sanguinea	36.0
Galium aparine	35.0	Stachys sylvatica	33.0
Ficaria verna	33.0	Geranium robertianum	32.0
Prunus padus	31.0	Anemone nemorosa	30.0
Viburnum opulus	29.0	Plagiomnium undulatum	28.0

Schedonorus giganteus	27.0	Poa trivialis	27.0
Lamium galeobdolon	27.0	Carpinus betulus	27.0
Acer pseudoplatanus	27.0	Sambucus nigra	26.0
Ranunculus repens	26.0	Carex remota	26.0
Ulmus minor	25.0	Aegopodium podagraria	25.0
Paris quadrifolia	23.0	Athyrium filix-femina	23.0
Ajuga reptans	23.0	Acer campestre	23.0
Viola reichenbachiana	22.0	Polygonatum multiflorum	22.0
Rumex sanguineus	21.0	Prunus spinosa	21.0
Milium effusum	20.0	Angelica sylvestris	20.0
Ribes rubrum aggr.	19.0	Oxalis acetosella	19.0
Dactylis glomerata	19.0	Stellaria holostea	18.0
Crataegus laevigata	18.0	Primula elatior	17.0
Fagus sylvatica	17.0	Eurhynchium striatum	17.0
Lysimachia nummularia	16.0	Lonicera periclymenum	16.0
Ligustrum vulgare	16.0	Kindbergia praelonga	16.0
Humulus lupulus	16.0	Dryopteris filix-mas	16.0
Arum maculatum	16.0	Sorbus aucuparia	15.0
Scrophularia nodosa	15.0	Rubus idaeus	15.0
Prunus avium	15.0	Poa nemoralis	15.0
Moehringia trinervia	15.0	Iris pseudacorus	15.0
Impatiens noli-tangere	14.0	Fragaria vesca	14.0
Brachythecium rutabulum	14.0	Atrichum undulatum	14.0
Ranunculus auricomus aggr.	13.0	Lysimachia vulgaris	13.0
Galium palustre	13.0	Alliaria petiolata	13.0
Lonicera xylosteum	12.0	Galeopsis tetrahit	12.0
Cardamine pratensis	12.0	Veronica chamaedrys	11.0
Rosa arvensis	11.0	Mercurialis perennis	11.0
Heracleum sphondylium	11.0	Galium odoratum	11.0
Dryopteris carthusiana	11.0	Adoxa moschatellina	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Fraxinus excelsior	66.0	Quercus robur	34.0
Corylus avellana	15.0	Hedera helix	12.0
Ficaria verna	10.0	Rubus caesius	9.0
Rubus fruticosus aggr.	8.0	Prunus padus	8.0
Anemone nemorosa	8.0	Urtica dioica	7.0
Carpinus betulus	7.0	Alnus glutinosa	7.0
Ulmus minor	6.0	Fraxinus angustifolia	6.0
Deschampsia cespitosa	6.0	Glechoma hederacea	5.0

**T14 - [G13] Mediterranean and Macaronesian riparian forest**

*Diagnostic species (phi coefficient \* 100)*

Platanus orientalis	53.0	Populus alba	48.6
Populus nigra	38.6	Arundo donax	34.2
Rubus ulmifolius	32.8	Ficus carica	29.9

Salix alba	27.9	Nerium oleander	27.9
Scirpoides holoschoenus	26.9	Arum italicum	26.7
Rubus sanctus	24.4	Fraxinus angustifolia	24.1
Piptatherum miliaceum	21.7	Vitis vinifera	21.5
Melissa officinalis	19.6	Equisetum ramosissimum	18.6
Clematis vitalba	18.0	Ulmus minor	17.7
Dorycnium rectum	17.7	Salix purpurea	16.4
Tamarix gallica	15.5	Parietaria judaica	15.4
Salix x fragilis	15.3		

*Constant species (occurrence frequencies)*

Rubus ulmifolius	61.0	Populus alba	42.0
Brachypodium sylvaticum	42.0	Hedera helix	39.0
Populus nigra	38.0	Clematis vitalba	32.0
Salix alba	30.0	Platanus orientalis	30.0
Crataegus monogyna	29.0	Ulmus minor	27.0
Arum italicum	26.0	Rubia peregrina	23.0
Fraxinus angustifolia	23.0	Scirpoides holoschoenus	22.0
Cornus sanguinea	22.0	Urtica dioica	19.0
Galium aparine	19.0	Dioscorea communis	19.0
Phragmites australis	17.0	Arundo donax	17.0
Ficus carica	16.0	Dactylis glomerata	16.0
Salix purpurea	15.0	Rubus caesius	15.0
Rosa canina aggr.	15.0	Calystegia sepium	15.0
Piptatherum miliaceum	14.0	Nerium oleander	14.0
Alnus glutinosa	14.0	Vitis vinifera	13.0
Smilax aspera	13.0	Sambucus nigra	13.0
Ligustrum vulgare	13.0	Carex pendula	13.0
Asparagus acutifolius	13.0	Salix cinerea	12.0
Humulus lupulus	12.0	Equisetum ramosissimum	12.0
Solanum dulcamara	11.0	Juglans regia	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Platanus orientalis	28.0	Populus alba	26.0
Populus nigra	17.0	Rubus ulmifolius	12.0
Salix alba	11.0	Hedera helix	9.0

**T15 - [G14] Broadleaved swamp forest on non-acid peat**

*Diagnostic species (phi coefficient \* 100)*

Alnus glutinosa	45.3	Carex elongata	43.2
Solanum dulcamara	30.8	Thelypteris palustris	29.6
Carex acutiformis	29.4	Lysimachia vulgaris	24.5
Ribes nigrum	24.0	Peucedanum palustre	23.2
Calamagrostis canescens	23.1	Lycopus europaeus	22.8
Dryopteris carthusiana	22.3	Iris pseudacorus	21.1
Scutellaria galericulata	19.5	Frangula alnus	19.2

Galium palustre	17.7	Carex paniculata	17.2
Mnium hornum	17.0	Humulus lupulus	16.6
Carex pseudocyperus	15.9		
<i>Constant species (occurrence frequencies)</i>			
Alnus glutinosa	100.0	Lysimachia vulgaris	59.0
Solanum dulcamara	49.0	Frangula alnus	49.0
Galium palustre	47.0	Dryopteris carthusiana	47.0
Lycopus europaeus	44.0	Carex acutiformis	43.0
Urtica dioica	42.0	Athyrium filix-femina	39.0
Filipendula ulmaria	37.0	Iris pseudacorus	36.0
Deschampsia cespitosa	36.0	Carex elongata	33.0
Rubus fruticosus aggr.	32.0	Caltha palustris	32.0
Fraxinus excelsior	30.0	Juncus effusus	29.0
Sorbus aucuparia	28.0	Ranunculus repens	28.0
Peucedanum palustre	28.0	Salix cinerea	27.0
Lythrum salicaria	27.0	Calamagrostis canescens	26.0
Thelypteris palustris	25.0	Rubus idaeus	25.0
Scutellaria galericulata	24.0	Calliergonella cuspidata	24.0
Poa trivialis	23.0	Betula pubescens	23.0
Mnium hornum	22.0	Dryopteris dilatata	22.0
Cirsium palustre	22.0	Quercus robur	21.0
Phragmites australis	21.0	Viburnum opulus	20.0
Plagiomnium undulatum	20.0	Humulus lupulus	20.0
Angelica sylvestris	20.0	Oxalis acetosella	19.0
Carex remota	19.0	Impatiens noli-tangere	18.0
Eupatorium cannabinum	18.0	Lonicera periclymenum	17.0
Brachythecium rutabulum	17.0	Carex paniculata	16.0
Viola palustris	15.0	Mentha aquatica	15.0
Corylus avellana	15.0	Cirsium oleraceum	15.0
Cardamine amara	15.0	Scirpus sylvaticus	14.0
Ribes nigrum	14.0	Plagiomnium affine	14.0
Myosotis scorpioides	14.0	Geranium robertianum	14.0
Galium aparine	14.0	Equisetum fluviatile	14.0
Circaea lutetiana	14.0	Rubus caesius	13.0
Prunus padus	13.0	Kindbergia praelonga	13.0
Crepis paludosa	13.0	Carex elata	13.0
Sambucus nigra	12.0	Picea abies	12.0
Phalaroides arundinacea	12.0	Glechoma hederacea	12.0
Geum urbanum	12.0	Euonymus europaeus	12.0
Betula pendula	12.0	Schedonorus giganteus	11.0
Molinia caerulea aggr.	11.0	Crataegus monogyna	11.0
Climacium dendroides	11.0	Ajuga reptans	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Alnus glutinosa	100.0	Carex acutiformis	16.0
Thelypteris palustris	6.0	Carex elongata	6.0
Fraxinus excelsior	5.0	Frangula alnus	5.0

**T16 - [G15] Broadleaved mire forest on acid peat***Diagnostic species (phi coefficient \* 100)*

Betula pubescens	29.3	Molinia caerulea aggr.	20.8
Sphagnum palustre	20.1	Sphagnum fimbriatum	18.9
Frangula alnus	16.9	Polytrichum commune	15.5

*Constant species (occurrence frequencies)*

Betula pubescens	78.0	Molinia caerulea aggr.	65.0
Frangula alnus	44.0	Betula pendula	40.0
Pinus sylvestris	37.0	Vaccinium myrtillus	35.0
Quercus robur	32.0	Sorbus aucuparia	31.0
Polytrichum commune	31.0	Rubus fruticosus aggr.	30.0
Pleurozium schreberi	28.0	Avenella flexuosa	28.0
Dryopteris carthusiana	27.0	Calluna vulgaris	24.0
Picea abies	23.0	Sphagnum palustre	21.0
Dicranum scoparium	21.0	Aulacomnium palustre	21.0
Salix cinerea	20.0	Vaccinium vitis-idaea	19.0
Juncus effusus	19.0	Lysimachia vulgaris	18.0
Lonicera periclymenum	18.0	Eriophorum vaginatum	18.0
Alnus glutinosa	18.0	Vaccinium uliginosum	17.0
Carex nigra	17.0	Potentilla erecta	16.0
Polytrichastrum formosum	16.0	Hylocomium splendens	15.0
Dryopteris dilatata	15.0	Vaccinium oxycoccos	14.0
Salix aurita	13.0	Pteridium aquilinum	13.0
Calamagrostis canescens	13.0	Agrostis canina	13.0
Pseudoscleropodium purum	12.0	Hypnum cupressiforme	12.0
Comarum palustre	12.0	Carex rostrata	12.0
Trientalis europaea	11.0	Sphagnum fallax	11.0
Sphagnum angustifolium	11.0	Populus tremula	11.0
Polytrichum strictum	11.0	Pohlia nutans	11.0
Phragmites australis	11.0	Mnium hornum	11.0
Galium palustre	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Betula pubescens	56.0	Molinia caerulea aggr.	33.0
Betula pendula	26.0	Sphagnum palustre	7.0
Vaccinium myrtillus	6.0	Sphagnum fallax	6.0
Pteridium aquilinum	6.0	Polytrichum commune	6.0

**T17 - [G16a] Fagus forest on non-acid soils***Diagnostic species (phi coefficient \* 100)*

Fagus sylvatica	31.1	Galium odoratum	26.8
Viola reichenbachiana	18.1	Cardamine bulbifera	17.4



Lamium galeobdolon	17.3	Mercurialis perennis	17.2
Lactuca muralis	16.2	Dryopteris filix-mas	15.9
Acer pseudoplatanus	15.6	Prenanthes purpurea	15.5
<i>Constant species (occurrence frequencies)</i>			
Fagus sylvatica	99.0	Galium odoratum	50.0
Viola reichenbachiana	42.0	Oxalis acetosella	41.0
Acer pseudoplatanus	41.0	Lamium galeobdolon	40.0
Dryopteris filix-mas	39.0	Hedera helix	35.0
Fraxinus excelsior	34.0	Mercurialis perennis	33.0
Lactuca muralis	32.0	Rubus fruticosus aggr.	31.0
Athyrium filix-femina	31.0	Corylus avellana	28.0
Carex sylvatica	27.0	Anemone nemorosa	27.0
Picea abies	26.0	Poa nemoralis	25.0
Euphorbia amygdaloides	25.0	Abies alba	25.0
Geranium robertianum	24.0	Prenanthes purpurea	23.0
Fragaria vesca	23.0	Carpinus betulus	22.0
Hieracium murorum	21.0	Sorbus aucuparia	20.0
Brachypodium sylvaticum	20.0	Quercus petraea	19.0
Melica uniflora	19.0	Sanicula europaea	18.0
Milium effusum	18.0	Carex digitata	18.0
Senecio nemorensis aggr.	17.0	Polygonatum multiflorum	17.0
Lonicera xylosteum	17.0	Hepatica nobilis	17.0
Rubus idaeus	16.0	Crataegus monogyna	16.0
Cardamine bulbifera	16.0	Acer campestre	16.0
Solidago virgaurea	15.0	Prunus avium	15.0
Paris quadrifolia	15.0	Lathyrus vernus	15.0
Daphne mezereum	15.0	Ajuga reptans	15.0
Sorbus aria aggr.	14.0	Luzula luzuloides	14.0
Epilobium montanum	14.0	Acer platanooides	14.0
Polygonatum verticillatum	13.0	Phyteuma spicatum	13.0
Urtica dioica	12.0	Rosa arvensis	12.0
Polytrichastrum formosum	12.0	Maianthemum bifolium	12.0
Circaea lutetiana	12.0	Asarum europaeum	12.0
Actaea spicata	12.0	Vicia sepium	11.0
Sambucus nigra	11.0	Polystichum aculeatum	11.0
Neottia nidus-avis	11.0	Ilex aquifolium	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Fagus sylvatica	99.0	Hedera helix	7.0
Galium odoratum	5.0		
<b>T18 - [G16b] Fagus forest on acid soils</b>			
<i>Diagnostic species (phi coefficient * 100)</i>			
Fagus sylvatica	29.3	Polytrichastrum formosum	19.8
Luzula luzuloides	19.0	Avenella flexuosa	15.8

Dicranella heteromalla	15.6		
<i>Constant species (occurrence frequencies)</i>			
Fagus sylvatica	100.0	Avenella flexuosa	58.0
Vaccinium myrtillus	51.0	Polytrichastrum formosum	49.0
Sorbus aucuparia	37.0	Pteridium aquilinum	37.0
Quercus petraea	36.0	Luzula luzuloides	33.0
Picea abies	29.0	Rubus fruticosus aggr.	27.0
Oxalis acetosella	27.0	Dicranum scoparium	27.0
Ilex aquifolium	25.0	Carex pilulifera	24.0
Hieracium murorum	22.0	Abies alba	22.0
Lonicera periclymenum	19.0	Maianthemum bifolium	18.0
Betula pendula	18.0	Athyrium filix-femina	18.0
Quercus robur	17.0	Hypnum cupressiforme	17.0
Dryopteris dilatata	17.0	Dicranella heteromalla	17.0
Prenanthes purpurea	16.0	Pinus sylvestris	16.0
Luzula pilosa	16.0	Luzula sylvatica	15.0
Hedera helix	15.0	Veronica officinalis	14.0
Solidago virgaurea	14.0	Rubus idaeus	14.0
Poa nemoralis	14.0	Acer pseudoplatanus	14.0
Dryopteris carthusiana	13.0	Corylus avellana	13.0
Leucobryum glaucum	12.0	Castanea sativa	12.0
Blechnum spicant	12.0	Atrichum undulatum	12.0
Melampyrum pratense	11.0	Carpinus betulus	11.0
Calamagrostis arundinacea	11.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Fagus sylvatica	100.0	Vaccinium myrtillus	12.0
Avenella flexuosa	8.0		

#### **T19 - [G17a] Temperate and submediterranean thermophilous deciduous forest**

<i>Diagnostic species (phi coefficient * 100)</i>			
Quercus pubescens	33.2	Quercus cerris	24.9
Fraxinus ornus	24.5	Carpinus orientalis	20.0
Quercus frainetto	19.5	Acer monspessulanum	19.2
Teucrium chamaedrys	17.6	Aegonychon purpureocaeruleum	17.6
Lonicera etrusca	16.7	Rubia peregrina	16.0
Crataegus monogyna	15.8	Ostrya carpinifolia	15.1
Cornus mas	15.1		
<i>Constant species (occurrence frequencies)</i>			
Quercus pubescens	57.0	Crataegus monogyna	53.0
Teucrium chamaedrys	35.0	Rubia peregrina	31.0
Fraxinus ornus	31.0	Dactylis glomerata	31.0
Prunus spinosa	29.0	Ligustrum vulgare	28.0
Rosa canina aggr.	26.0	Hedera helix	26.0

Juniperus communis subsp. communis	25.0	Brachypodium pinnatum	25.0
Quercus cerris	24.0	Acer campestre	24.0
Cornus sanguinea	23.0	Clinopodium vulgare	21.0
Viburnum lantana	19.0	Dioscorea communis	19.0
Brachypodium sylvaticum	19.0	Vincetoxicum hirundinaria	18.0
Sorbus torminalis	18.0	Ruscus aculeatus	18.0
Rubus ulmifolius	18.0	Quercus petraea	18.0
Cornus mas	18.0	Carex flacca	17.0
Tanacetum corymbosum	16.0	Poa nemoralis	16.0
Fragaria vesca	16.0	Euphorbia cyparissias	16.0
Asparagus acutifolius	16.0	Sorbus aria aggr.	15.0
Quercus ilex	15.0	Stachys officinalis	14.0
Lonicera etrusca	14.0	Hippocrepis emerus	14.0
Corylus avellana	14.0	Acer monspessulanum	14.0
Veronica chamaedrys	13.0	Ostrya carpinifolia	13.0
Buxus sempervirens	13.0	Amelanchier ovalis	13.0
Aegonychon purpurocaeruleum	13.0	Viola hirta	12.0
Rubus fruticosus aggr.	12.0	Clematis vitalba	12.0
Carpinus orientalis	12.0	Viola alba	11.0
Pyrus communis	11.0	Lathyrus niger	11.0
Juniperus oxycedrus	11.0	Hypericum perforatum	11.0
Hieracium murorum	11.0	Galium mollugo aggr.	11.0
Festuca heterophylla	11.0	Carex halleriana	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Quercus pubescens	41.0	Quercus cerris	12.0
Buxus sempervirens	9.0	Quercus petraea	7.0
Brachypodium pinnatum	7.0	Quercus frainetto	6.0
Quercus faginea	6.0	Ostrya carpinifolia	6.0
Carpinus orientalis	5.0		

**T1A - [G17b] Mediterranean thermophilous deciduous forest**

*Diagnostic species (phi coefficient \* 100)*

Quercus ithaburensis	99.6	Asphodelus ramosus	58.1
Sarcopoterium spinosum	57.9	Theligonum cynocrambe	53.1
Rumex tuberosus	52.5	Tordylium apulum	46.9
Veronica cymbalaria	46.1	Leontodon tuberosus	46.1
Briza maxima	43.2	Phlomis fruticosa	43.0
Trifolium stellatum	42.8	Drimia maritima	41.6
Carduus pycnocephalus	41.0	Hordeum bulbosum	40.8
Hymenocarpus circinnatus	40.6	Sonchus bulbosus	40.3
Lagoecia cuminoides	39.1	Gagea graeca	38.3
Trifolium uniflorum	38.1	Urospermum picroides	38.0
Cynosurus echinatus	38.0	Anthemis chia	37.1
Biscutella didyma	36.5	Petrorhagia dubia	35.5
Cerastium comatum	35.4	Galium murale	35.1

Origanum onites	35.0	Anemone pavonina	34.8
Ballota acetabulosa	34.2	Anisantha madritensis	34.2
Oxalis pes-caprae	32.2	Lupinus angustifolius	32.1
Sherardia arvensis	32.0	Geranium lucidum	32.0
Parentucellia latifolia	31.5	Calicotome villosa	31.3
Lagurus ovatus	31.0	Ornithopus compressus	30.7
Aira elegantissima	29.8	Scandix pecten-veneris	29.5
Umbilicus horizontalis	29.4	Rhagadiolus stellatus	29.1
Asparagus acutifolius	29.0	Vicia hybrida	28.9
Trifolium physodes	28.7	Cistus creticus	28.4
Trifolium clypeatum	28.3	Fumaria macrocarpa	28.3
Arisarum vulgare	27.7	Rumex bucephalophorus	27.3
Anemone coronaria	27.2	Leopoldia comosa	27.1
Hypericum triquetrifolium	27.1	Trifolium grandiflorum	26.5
Myosotis incrassata	26.5	Trifolium campestre	26.2
Micromeria nervosa	25.4	Spartium junceum	25.3
Ziziphora capitata	25.0	Phleum subulatum	24.8
Anagyris foetida	24.7	Hypochaeris achyrophorus	24.4
Trifolium scabrum	24.2	Avena barbata	24.0
Trachynia distachya	23.2	Vicia articulata	23.0
Salvia fruticosa	23.0	Geranium molle	22.9
Pistacia terebinthus	22.8	Medicago arabica	22.7
Phagnalon rupestre	22.4	Centaurea raphanina	22.4
Vulpia ciliata	22.3	Pyrus spinosa	22.3
Knautia integrifolia	22.2	Crataegus orientalis	22.0
Crepis hellenica	21.8	Crepis foetida	21.8
Silene cretica	21.6	Ferula communis	21.5
Lathyrus laxiflorus	21.3	Cyclamen hederifolium	21.3
Crepis multiflora	21.3	Asparagus aphyllus	21.2
Cotoneaster nummularius	21.1	Campanula spatulata	21.1
Quercus coccifera	21.0	Trifolium infamia-ponertii	20.9
Quercus trojana	20.8	Trifolium angustifolium	20.6
Arabis verna	20.6	Cyclamen graecum	20.4
Acanthus spinosus	20.2	Hedypnois rhagadioloides	20.1
Tuberaria guttata	20.0	Galium aparine	20.0
Euphorbia peplus	19.7	Medicago orbicularis	19.6
Hordeum murinum	19.2	Hirschfeldia incana	18.9
Trifolium nigrescens	18.8	Fumana arabica	18.8
Selaginella denticulata	18.7	Cyclamen creticum	18.7
Carlina corymbosa	18.6	Dracunculus vulgaris	18.5
Satureja thymbra	18.1	Orlaya daucoides	18.1
Trifolium glomeratum	17.8	Viola sieheana	17.5
Rubia tenuifolia	17.4	Cerastium glomeratum	17.4
Picnomon acarna	17.3	Hypericum perforatum	17.3
Scandix australis	17.2	Trifolium tomentosum	16.8
Lamium moschatum	16.6	Glebionis coronaria	16.6
Verbascum lasianthum	16.5	Piptatherum miliaceum	16.5
Ophrys heldreichii	16.5	Ferulago humilis	16.5

Anacamptis sancta	16.5	Alkanna orientalis	16.5
Gypsophila tubulosa	16.4	Scaligeria napiformis	16.3
Cachrys cristata	16.3	Aegilops speltoides	16.3
Lupinus albus	16.2	Securigera parviflora	16.1
Micromeria cremnophila	16.1	Vicia villosa	15.9
Trifolium globosum	15.9	Echinaria capitata	15.9
Trifolium boissieri	15.8	Silene behen	15.8
Achnatherum bromoides	15.8	Aegilops comosa	15.8
Valerianella vesicaria	15.7	Leopoldia weissii	15.7
Himantoglossum robertianum	15.7	Carex illegitima	15.7
Aegilops neglecta	15.7	Crepis fraasii	15.6
Allium neapolitanum	15.5	Abies cilicica	15.4
Umbilicus rupestris	15.3	Teucrium polium aggr.	15.3
Ornithogalum nutans	15.2	Crepis dioscoridis	15.2
Scorzonera crocifolia	15.1	Quercus cerris	15.1
Plantago cretica	15.1	Cistus laurifolius	15.1
Bupleurum glumaceum	15.1		
<i>Constant species (occurrence frequencies)</i>			
Quercus ithaburensis	100.0	Dactylis glomerata	61.0
Asphodelus ramosus	58.0	Galium aparine	56.0
Sarcopoterium spinosum	42.0	Asparagus acutifolius	42.0
Trifolium campestre	39.0	Briza maxima	36.0
Theligonum cynocrambe	33.0	Sherardia arvensis	33.0
Cynosurus echinatus	33.0	Trifolium stellatum	31.0
Rumex tuberosus	31.0	Leontodon tuberosus	31.0
Drimia maritima	31.0	Tordylium apulum	28.0
Sonchus bulbosus	28.0	Veronica cymbalaria	25.0
Phlomis fruticosa	25.0	Carduus pycnocephalus	25.0
Anisantha madritensis	25.0	Urospermum picroides	22.0
Quercus coccifera	22.0	Leopoldia comosa	22.0
Lagurus ovatus	22.0	Hordeum bulbosum	22.0
Cistus creticus	22.0	Calicotome villosa	22.0
Arisarum vulgare	22.0	Trifolium scabrum	19.0
Spartium junceum	19.0	Scandix pecten-veneris	19.0
Quercus pubescens	19.0	Poa bulbosa	19.0
Pistacia terebinthus	19.0	Ornithopus compressus	19.0
Lagoecia cuminoides	19.0	Hymenocarpus circinnatus	19.0
Geranium molle	19.0	Geranium lucidum	19.0
Galium murale	19.0	Avena barbata	19.0
Aira elegantissima	19.0	Trifolium uniflorum	17.0
Trachynia distachya	17.0	Teucrium polium aggr.	17.0
Smilax aspera	17.0	Rumex bucephalophorus	17.0
Quercus cerris	17.0	Petrorragia dubia	17.0
Parentucellia latifolia	17.0	Oxalis pes-caprae	17.0
Gagea graeca	17.0	Biscutella didyma	17.0
Anthemis chia	17.0	Anagallis arvensis	17.0
Vulpia ciliata	14.0	Tuberaria guttata	14.0

Trifolium angustifolium	14.0	Teucrium chamaedrys	14.0
Rhagadiolus stellatus	14.0	Pteridium aquilinum	14.0
Origanum onites	14.0	Lupinus angustifolius	14.0
Juniperus oxycedrus	14.0	Hypochaeris achyrophorus	14.0
Hordeum murinum	14.0	Cyclamen hederifolium	14.0
Crepis foetida	14.0	Cerastium glomeratum	14.0
Cerastium comatum	14.0	Carlina corymbosa	14.0
Ballota acetabulosa	14.0	Anisantha sterilis	14.0
Anemone pavonina	14.0	Vicia villosa	11.0
Vicia hybrida	11.0	Umbilicus horizontalis	11.0
Trifolium physodes	11.0	Senecio vulgaris	11.0
Pyrus spinosa	11.0	Piptatherum miliaceum	11.0
Phillyrea latifolia	11.0	Phagnalon rupestre	11.0
Medicago arabica	11.0	Lolium rigidum	11.0
Lathyrus laxiflorus	11.0	Hedypnois rhagadioloides	11.0
Geranium robertianum	11.0	Fraxinus ornus	11.0
Euphorbia peplus	11.0	Cyanus segetum	11.0
Catapodium rigidum	11.0	Brachypodium retusum	11.0
Bituminaria bituminosa	11.0	Asparagus aphyllus	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Quercus ithaburensis	94.0	Phlomis fruticosa	14.0
Sarcopoterium spinosum	11.0	Asphodelus ramosus	8.0
Oxalis pes-caprae	6.0	Cistus creticus	6.0
Brachypodium retusum	6.0		

**T1B - [G18] Acidophilous Quercus forest**

*Diagnostic species (phi coefficient \* 100)*

Lonicera periclymenum	21.5	Quercus petraea	20.4
Polytrichastrum formosum	20.0	Pteridium aquilinum	19.7
Castanea sativa	19.6	Ilex aquifolium	17.4
Teucrium scorodonia	16.3		

*Constant species (occurrence frequencies)*

Quercus petraea	56.0	Pteridium aquilinum	54.0
Avenella flexuosa	51.0	Rubus fruticosus aggr.	50.0
Lonicera periclymenum	50.0	Polytrichastrum formosum	48.0
Quercus robur	47.0	Fagus sylvatica	39.0
Frangula alnus	36.0	Ilex aquifolium	35.0
Betula pendula	35.0	Castanea sativa	34.0
Sorbus aucuparia	31.0	Hedera helix	31.0
Teucrium scorodonia	29.0	Vaccinium myrtillus	28.0
Dicranum scoparium	27.0	Corylus avellana	26.0
Molinia caerulea aggr.	25.0	Carex pilulifera	25.0
Holcus mollis	23.0	Melampyrum pratense	22.0
Carpinus betulus	22.0	Calluna vulgaris	22.0

Pinus sylvestris	19.0	Thuidium tamariscinum	18.0
Pseudoscleropodium purum	16.0	Hypnum cupressiforme	15.0
Cytisus scoparius	15.0	Agrostis capillaris	14.0
Leucobryum glaucum	12.0	Hieracium murorum	12.0
Crataegus monogyna	12.0	Betula pubescens	12.0
Prunus avium	11.0	Populus tremula	11.0
Poa nemoralis	11.0	Pleurozium schreberi	11.0
Luzula luzuloides	11.0	Atrichum undulatum	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Quercus petraea	48.0	Quercus robur	36.0
Pteridium aquilinum	18.0	Castanea sativa	16.0
Avenella flexuosa	12.0	Rubus fruticosus aggr.	11.0
Vaccinium myrtillus	9.0	Molinia caerulea aggr.	7.0
Lonicera periclymenum	6.0		

**T1C - [G19a] Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**

*Diagnostic species (phi coefficient \* 100)*

Betula pubescens var. glabrata	31.6	Calamagrostis lapponica	30.3
Betula litwinowii	30.0	Phyllodoce caerulea	28.9
Cladonia ecmocyna	28.1	Pedicularis lapponica	27.6
Betula pubescens	24.8	Rhododendron caucasicum	24.3
Cladonia mediterranea	24.3	Stereocaulon paschale	23.1
Cladonia degenerans	22.3	Cladonia carneola	21.5
Vaccinium vitis-idaea	20.6	Vaccinium myrtillus	19.8
Vulpicidia pinastris	18.8	Cladonia mitis	18.4
Orthocaulis attenuatus	17.8	Empetrum nigrum aggr.	17.5
Cladonia crispata	17.3	Sanionia uncinata	17.2
Linnaea borealis	16.7	Stereodon pallescens	16.3
Dolichorrhiza caucasica	15.9	Salix starkeana	15.8
Lycopodium complanatum	15.8	Salix glauca	15.4
Avenella flexuosa	15.3	Brachythecium reflexum	15.2

*Constant species (occurrence frequencies)*

Vaccinium myrtillus	75.0	Betula pubescens	69.0
Vaccinium vitis-idaea	59.0	Avenella flexuosa	58.0
Sorbus aucuparia	40.0	Dicranum scoparium	38.0
Solidago virgaurea	35.0	Empetrum nigrum aggr.	35.0
Pleurozium schreberi	32.0	Juniperus communis subsp. communis	31.0
Vaccinium uliginosum	24.0	Hylocomium splendens	24.0
Trientalis europaea	22.0	Picea abies	22.0
Linnaea borealis	21.0	Oxalis acetosella	20.0
Gymnocarpium dryopteris	17.0	Geranium sylvaticum aggr.	17.0
Festuca ovina	17.0	Anthoxanthum odoratum aggr.	16.0
Polytrichastrum formosum	15.0	Luzula pilosa	15.0

Epilobium angustifolium	15.0	Populus tremula	14.0
Calamagrostis arundinacea	14.0	Lycopodium annotinum	13.0
Betula pubescens var. glabrata	13.0	Polytrichum juniperinum	12.0
Phyllodoce caerulea	12.0	Luzula sylvatica	12.0
Cladonia mitis	12.0	Calamagrostis lapponica	12.0
Betula nana	12.0	Rubus idaeus	11.0
Rhytidiadelphus triquetrus	11.0	Polytrichum commune	11.0
Pedicularis lapponica	11.0	Melampyrum pratense	11.0
Cladonia rangiferina	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Betula pubescens	57.0	Vaccinium myrtillus	25.0
Empetrum nigrum aggr.	19.0	Betula pubescens var. glabrata	12.0
Betula litwinowii	10.0	Hylocomium splendens	9.0
Populus tremula	8.0	Stereocaulon paschale	7.0
Rhododendron caucasicum	6.0		

**T1D - [G19b] Southern European mountain Betula and Populus tremula forest on mineral soils**

*Diagnostic species (phi coefficient \* 100)*

Betula pendula var. fontqueri	22.2	Betula pendula	22.1
Populus tremula	21.2	Cruciata glabra	17.7
Angelica razulii	16.3		

*Constant species (occurrence frequencies)*

Betula pendula	63.0	Corylus avellana	49.0
Pteridium aquilinum	43.0	Populus tremula	43.0
Rubus fruticosus aggr.	36.0	Fagus sylvatica	34.0
Avenella flexuosa	32.0	Fragaria vesca	30.0
Crataegus monogyna	29.0	Cruciata glabra	28.0
Fraxinus excelsior	27.0	Vaccinium myrtillus	26.0
Teucrium scorodonia	25.0	Juniperus communis subsp. communis	25.0
Poa nemoralis	24.0	Hepatica nobilis	24.0
Sorbus aucuparia	23.0	Salix caprea	23.0
Hedera helix	23.0	Ilex aquifolium	22.0
Brachypodium sylvaticum	22.0	Abies alba	22.0
Stellaria holostea	20.0	Viola reichenbachiana	18.0
Rubus idaeus	18.0	Rosa canina aggr.	18.0
Pinus sylvestris	18.0	Oxalis acetosella	18.0
Euphorbia amygdaloides	18.0	Sorbus aria aggr.	17.0
Lathyrus linifolius	17.0	Lonicera xylosteum	16.0
Lonicera periclymenum	16.0	Athyrium filix-femina	16.0
Veronica officinalis	15.0	Dactylis glomerata	15.0
Clematis vitalba	15.0	Castanea sativa	15.0
Viola canina	14.0	Veronica chamaedrys	14.0
Urtica dioica	14.0	Stachys officinalis	14.0



Solidago virgaurea	14.0	Rubus ulmifolius	14.0
Quercus robur	14.0	Quercus petraea	14.0
Prunus spinosa	14.0	Prunus avium	14.0
Dryopteris filix-mas	14.0	Dioscorea communis	14.0
Cornus sanguinea	14.0	Clinopodium vulgare	14.0
Calluna vulgaris	14.0	Anthoxanthum odoratum aggr.	14.0
Vicia sepium	13.0	Hylocomium splendens	13.0
Geranium robertianum	13.0	Quercus pubescens	12.0
Melica uniflora	12.0	Geum urbanum	12.0
Frangula alnus	12.0	Festuca heterophylla	12.0
Epilobium montanum	12.0	Blechnum spicant	12.0
Agrostis capillaris	12.0	Rhododendron ferrugineum	11.0
Potentilla erecta	11.0	Luzula nivea	11.0
Dryopteris affinis	11.0	Buxus sempervirens	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Betula pendula	60.0	Populus tremula	34.0
Corylus avellana	24.0	Pteridium aquilinum	15.0
Hedera helix	13.0	Vaccinium myrtillus	12.0
Rubus fruticosus aggr.	10.0	Avenella flexuosa	8.0
Betula pendula var. fontqueri	5.0		

**T1E - [G1Aa] Carpinus and Quercus mesic deciduous forest**

*Diagnostic species (phi coefficient \* 100)*

Carpinus betulus	28.7	Acer campestre	19.6
Tilia cordata	16.9	Quercus petraea	16.7
Polygonatum multiflorum	16.7	Corylus avellana	15.6
Prunus avium	15.1		

*Constant species (occurrence frequencies)*

Carpinus betulus	70.0	Corylus avellana	53.0
Hedera helix	52.0	Quercus robur	47.0
Quercus petraea	46.0	Crataegus monogyna	43.0
Acer campestre	42.0	Rubus fruticosus aggr.	41.0
Fraxinus excelsior	39.0	Fagus sylvatica	36.0
Viola reichenbachiana	35.0	Prunus avium	33.0
Lamium galeobdolon	33.0	Brachypodium sylvaticum	31.0
Anemone nemorosa	31.0	Poa nemoralis	30.0
Carex sylvatica	29.0	Polygonatum multiflorum	28.0
Ligustrum vulgare	28.0	Geum urbanum	28.0
Stellaria holostea	27.0	Cornus sanguinea	26.0
Fragaria vesca	25.0	Galium odoratum	24.0
Euonymus europaeus	24.0	Tilia cordata	23.0
Dryopteris filix-mas	23.0	Acer pseudoplatanus	21.0
Rosa arvensis	20.0	Milium effusum	19.0
Dactylis glomerata	19.0	Crataegus laevigata	19.0

Ajuga reptans	19.0	Melica uniflora	18.0
Lonicera xylosteum	18.0	Euphorbia amygdaloides	18.0
Convallaria majalis	18.0	Mercurialis perennis	17.0
Geranium robertianum	17.0	Atrichum undulatum	17.0
Veronica chamaedrys	16.0	Sorbus torminalis	16.0
Prunus spinosa	16.0	Oxalis acetosella	16.0
Lathyrus vernus	16.0	Asarum europaeum	16.0
Aegopodium podagraria	16.0	Acer platanoides	16.0
Urtica dioica	15.0	Melica nutans	15.0
Lonicera periclymenum	15.0	Lactuca muralis	15.0
Sorbus aucuparia	14.0	Sambucus nigra	14.0
Ficaria verna	14.0	Carex digitata	14.0
Arum maculatum	14.0	Populus tremula	13.0
Moehringia trinervia	13.0	Glechoma hederacea	13.0
Galium aparine	13.0	Viburnum opulus	12.0
Maianthemum bifolium	12.0	Hieracium murorum	12.0
Campanula trachelium	12.0	Betula pendula	12.0
Athyrium filix-femina	12.0	Vicia sepium	11.0
Scrophularia nodosa	11.0	Rosa canina aggr.	11.0
Pulmonaria officinalis	11.0	Polytrichastrum formosum	11.0
Luzula pilosa	11.0	Hepatica nobilis	11.0
Eurhynchium striatum	11.0	Deschampsia cespitosa	11.0
Castanea sativa	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Carpinus betulus	45.0	Quercus robur	30.0
Quercus petraea	29.0	Hedera helix	20.0
Tilia cordata	9.0	Rubus fruticosus aggr.	9.0
Corylus avellana	9.0	Anemone nemorosa	8.0
Castanea sativa	6.0	Acer campestre	6.0

**T1F - [G1Ab] Ravine forest**

*Diagnostic species (phi coefficient \* 100)*

Fraxinus excelsior	27.1	Acer pseudoplatanus	25.5
Ulmus glabra	24.9	Mercurialis perennis	21.0
Lamium galeobdolon	20.4	Dryopteris filix-mas	17.7
Tilia platyphyllos	16.5	Asplenium scolopendrium	16.4
Corylus avellana	16.0	Lunaria rediviva	15.7
Geranium robertianum	15.6	Sambucus nigra	15.3

*Constant species (occurrence frequencies)*

Fraxinus excelsior	82.0	Acer pseudoplatanus	65.0
Corylus avellana	55.0	Lamium galeobdolon	48.0
Dryopteris filix-mas	44.0	Urtica dioica	42.0
Hedera helix	42.0	Mercurialis perennis	41.0
Fagus sylvatica	41.0	Geranium robertianum	39.0

Rubus fruticosus aggr.	34.0	Geum urbanum	34.0
Sambucus nigra	33.0	Ulmus glabra	30.0
Oxalis acetosella	30.0	Crataegus monogyna	30.0
Galium odoratum	29.0	Brachypodium sylvaticum	29.0
Carpinus betulus	26.0	Athyrium filix-femina	26.0
Carex sylvatica	25.0	Polygonatum multiflorum	24.0
Anemone nemorosa	24.0	Aegopodium podagraria	24.0
Viola reichenbachiana	23.0	Lonicera xylosteum	22.0
Euonymus europaeus	22.0	Acer campestre	22.0
Stachys sylvatica	21.0	Paris quadrifolia	21.0
Galium aparine	21.0	Senecio nemorensis aggr.	20.0
Poa nemoralis	20.0	Arum maculatum	20.0
Acer platanoides	20.0	Quercus robur	19.0
Picea abies	19.0	Circaea lutetiana	19.0
Prunus avium	18.0	Impatiens noli-tangere	18.0
Tilia platyphyllos	17.0	Plagiomnium undulatum	17.0
Milium effusum	17.0	Cornus sanguinea	17.0
Asarum europaeum	17.0	Ficaria verna	16.0
Rubus idaeus	15.0	Glechoma hederacea	15.0
Sorbus aucuparia	14.0	Primula elatior	14.0
Ligustrum vulgare	14.0	Actaea spicata	14.0
Stellaria holostea	13.0	Quercus petraea	13.0
Lactuca muralis	13.0	Eurhynchium striatum	13.0
Dryopteris dilatata	13.0	Alliaria petiolata	13.0
Tilia cordata	12.0	Fragaria vesca	12.0
Asplenium scolopendrium	12.0	Ajuga reptans	12.0
Abies alba	12.0	Stellaria nemorum	11.0
Pulmonaria officinalis	11.0	Prunus spinosa	11.0
Polystichum aculeatum	11.0	Melica uniflora	11.0
Clematis vitalba	11.0	Campanula trachelium	11.0
Alnus glutinosa	11.0	Adoxa moschatellina	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Fraxinus excelsior	59.0	Acer pseudoplatanus	34.0
Hedera helix	13.0	Corylus avellana	13.0
Mercurialis perennis	11.0	Ulmus glabra	8.0
Tilia platyphyllos	8.0	Rubus fruticosus aggr.	6.0
Lamium galeobdolon	6.0	Fagus sylvatica	6.0

**T1G - [G1Ba] Alnus cordata forest**

*Diagnostic species (phi coefficient \* 100)*

Alnus cordata	98.7	Geranium versicolor	54.1
Lamium flexuosum	51.1	Polystichum setiferum	46.2
Ranunculus lanuginosus	38.9	Chaerophyllum temulum	36.7
Aremonia agrimonoides	36.5	Helleborus lividus	35.1
Lathyrus venetus	34.5	Crepis leontodontoides	33.9

Rubus ulmifolius	32.5	Arisarum proboscideum	30.2
Clematis vitalba	30.1	Potentilla micrantha	29.5
Anemone apennina	28.5	Pteridium aquilinum	27.8
Calystegia silvatica	27.5	Hypericum hircinum	26.9
Bryonia dioica	26.7	Cyclamen repandum	25.8
Ficus carica	25.0	Geranium lucidum	24.6
Viola alba	23.7	Acer cappadocicum	23.2
Geranium robertianum	23.0	Luzula forsteri	22.9
Cardamine chelidonia	22.5	Brachypodium sylvaticum	22.5
Festuca heterophylla	20.4	Lactuca muralis	19.3
Oenanthe pimpinelloides	18.9	Salix brutia	18.4
Melissa officinalis	18.4	Sanicula europaea	18.1
Castanea sativa	18.1	Geranium nodosum	18.0
Scutellaria columnae	17.9	Leopoldia comosa	17.8
Salvia glutinosa	17.6	Euphorbia semiperfoliata	17.6
Allium triquetrum	17.5	Asperula taurina	17.2
Lamium bifidum	16.8	Juglans regia	16.8
Clinopodium vulgare	16.7	Dioscorea communis	16.6
Cymbalaria hepaticifolia	16.4	Geum urbanum	16.2
Melica uniflora	16.1	Dactylorhiza saccifera	15.7
Crocus corsicus	15.7	Lilium bulbiferum	15.4
Stachys sylvatica	15.3	Carex depauperata	15.3
Salix eleagnos	15.1	Vinca major	15.0
Daphne laureola	15.0		

*Constant species (occurrence frequencies)*

Alnus cordata	100.0	Pteridium aquilinum	79.0
Rubus ulmifolius	62.0	Brachypodium sylvaticum	62.0
Geranium robertianum	59.0	Clematis vitalba	55.0
Polystichum setiferum	52.0	Hedera helix	48.0
Ranunculus lanuginosus	45.0	Poa trivialis	45.0
Lactuca muralis	41.0	Geum urbanum	41.0
Crataegus monogyna	41.0	Urtica dioica	38.0
Rubus fruticosus aggr.	38.0	Chaerophyllum temulum	34.0
Geranium versicolor	34.0	Castanea sativa	34.0
Aremonia agrimonoides	34.0	Lamium flexuosum	31.0
Viola reichenbachiana	28.0	Stellaria media	28.0
Stachys sylvatica	28.0	Sanicula europaea	28.0
Melica uniflora	28.0	Lathyrus venetus	28.0
Fragaria vesca	28.0	Festuca heterophylla	28.0
Dioscorea communis	28.0	Clinopodium vulgare	28.0
Viola alba	24.0	Sambucus nigra	24.0
Potentilla micrantha	24.0	Luzula forsteri	24.0
Salvia glutinosa	21.0	Ilex aquifolium	21.0
Fraxinus ornus	21.0	Dactylis glomerata	21.0
Bryonia dioica	21.0	Rubia peregrina	17.0
Helleborus lividus	17.0	Galium aparine	17.0
Daphne laureola	17.0	Cyclamen repandum	17.0

Crepis leontodontoides	17.0	Cornus sanguinea	17.0
Circaea lutetiana	17.0	Ajuga reptans	17.0
Teucrium scorodonia	14.0	Rumex sanguineus	14.0
Rosa canina aggr.	14.0	Quercus pubescens	14.0
Quercus ilex	14.0	Prunus spinosa	14.0
Prunella vulgaris	14.0	Primula acaulis	14.0
Moehringia trinervia	14.0	Mercurialis perennis	14.0
Leopoldia comosa	14.0	Juglans regia	14.0
Geranium lucidum	14.0	Galium rotundifolium	14.0
Ficus carica	14.0	Carex pendula	14.0
Bellis perennis	14.0	Anemone apennina	14.0
Acer opalus aggr.	14.0	Acer campestre	14.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Alnus cordata	100.0	Pteridium aquilinum	41.0
Rubus fruticosus aggr.	14.0	Sanicula europaea	10.0
Rubus ulmifolius	10.0	Hedera helix	7.0
Clematis vitalba	7.0	Brachypodium sylvaticum	7.0

**T1H - [G1C] Broadleaved deciduous plantation of non site-native trees**

*Diagnostic species (phi coefficient \* 100)*

Robinia pseudoacacia	47.4	Populus x canadensis	30.1
Quercus rubra	23.9	Sambucus nigra	19.3
Chelidonium majus	15.1		

*Constant species (occurrence frequencies)*

Robinia pseudoacacia	54.0	Urtica dioica	44.0
Sambucus nigra	43.0	Rubus fruticosus aggr.	43.0
Crataegus monogyna	37.0	Hedera helix	36.0
Galium aparine	36.0	Geum urbanum	32.0
Quercus robur	30.0	Fraxinus excelsior	28.0
Corylus avellana	26.0	Euonymus europaeus	21.0
Glechoma hederacea	20.0	Quercus rubra	19.0
Dactylis glomerata	19.0	Prunus spinosa	18.0
Lonicera periclymenum	18.0	Cornus sanguinea	18.0
Rubus caesius	17.0	Populus x canadensis	17.0
Geranium robertianum	17.0	Brachypodium sylvaticum	17.0
Rosa canina aggr.	15.0	Ligustrum vulgare	15.0
Poa trivialis	14.0	Carpinus betulus	14.0
Prunus avium	13.0	Poa nemoralis	13.0
Chelidonium majus	13.0	Acer campestre	13.0
Quercus petraea	12.0	Clematis vitalba	12.0
Castanea sativa	12.0	Betula pendula	12.0
Alliaria petiolata	12.0	Acer pseudoplatanus	12.0
Sorbus aucuparia	11.0	Rubus ulmifolius	11.0
Galeopsis tetrahit	11.0	Ficaria verna	11.0

Fagus sylvatica	11.0	Anthriscus sylvestris	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Robinia pseudoacacia	50.0	Quercus rubra	17.0
Populus x canadensis	15.0	Rubus fruticosus aggr.	14.0
Hedera helix	12.0	Urtica dioica	10.0
Sambucus nigra	7.0		

## T21 - [G21] Mediterranean evergreen Quercus forest

### *Diagnostic species (phi coefficient \* 100)*

Quercus ilex	43.1	Rubia peregrina	36.8
Quercus rotundifolia	34.8	Phillyrea latifolia	34.7
Smilax aspera	33.4	Arbutus unedo	32.7
Asparagus acutifolius	31.7	Quercus suber	29.4
		Asplenium adiantum-nigrum subsp.	
Lonicera implexa	27.5	onopteris	27.4
Carex distachya	26.4	Ruscus aculeatus	26.1
Erica arborea	24.7	Rhamnus alaternus	23.7
Viburnum tinus	23.5	Daphne gnidium	23.4
Quercus coccifera	23.2	Pistacia terebinthus	22.7
Pistacia lentiscus	21.4	Juniperus oxycedrus	21.3
Brachypodium retusum	20.7	Osyris alba	20.3
Phillyrea angustifolia	19.4	Clematis flammula	19.3
Cistus salviifolius	18.4	Euphorbia characias	18.3
Rosa sempervirens	17.5	Lonicera etrusca	17.5
Carex halleriana	17.2	Myrtus communis	15.8
Olea europaea	15.6	Cyclamen repandum	15.5

### *Constant species (occurrence frequencies)*

Rubia peregrina	69.0	Quercus ilex	58.0
Ruscus aculeatus	41.0	Smilax aspera	40.0
Asparagus acutifolius	40.0	Phillyrea latifolia	35.0
Hedera helix	34.0	Arbutus unedo	32.0
Erica arborea	27.0	Crataegus monogyna	27.0
Brachypodium retusum	26.0	Quercus rotundifolia	25.0
Quercus pubescens	25.0	Rubus ulmifolius	24.0
Pistacia lentiscus	24.0	Juniperus oxycedrus	24.0
Lonicera implexa	23.0	Rhamnus alaternus	22.0
Quercus coccifera	22.0	Teucrium chamaedrys	20.0
		Asplenium adiantum-nigrum subsp.	
Dioscorea communis	20.0	onopteris	20.0
Daphne gnidium	19.0	Quercus suber	18.0
Carex halleriana	18.0	Viburnum tinus	17.0
Pistacia terebinthus	17.0	Dactylis glomerata	17.0
Cistus salviifolius	17.0	Phillyrea angustifolia	16.0
Lonicera etrusca	15.0	Fraxinus ornus	15.0

Clematis flammula	15.0	Carex distachya	15.0
Osyris alba	14.0	Brachypodium sylvaticum	14.0
Viola alba	13.0	Thymus vulgaris	13.0
Rosa sempervirens	13.0	Olea europaea	12.0
Euphorbia characias	12.0	Buxus sempervirens	12.0
Prunus spinosa	11.0	Myrtus communis	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Quercus ilex	54.0	Quercus rotundifolia	24.0
Quercus suber	16.0	Quercus coccifera	8.0
Buxus sempervirens	7.0	Hedera helix	5.0

**T22 - [G22] Mainland laurophyllous forest**

*Diagnostic species (phi coefficient \* 100)*

Laurus nobilis	63.8	Prunus lusitanica subsp. lusitanica	60.4
Asplenium adiantum-nigrum subsp. onopteris	39.2	Ruscus aculeatus	34.5
Viburnum tinus	33.5	Smilax aspera	30.4
Acanthus mollis	30.1	Celtis australis	27.4
Dioscorea communis	26.2	Rubia peregrina	23.9
Ficus carica	23.6	Polystichum setiferum	23.4
Fraxinus angustifolia	22.7	Vitis vinifera	21.9
Rubus ulmifolius	21.9	Arbutus unedo	21.9
Rosa sempervirens	21.0	Arum italicum	20.8
Hedera helix	20.6	Osmunda regalis	20.0
Orobanche hederaceae	20.0	Asparagus acutifolius	19.6
Hypericum androsaemum	19.1	Rhamnus alaternus	18.4
Allium subhirsutum	17.0	Dryopteris affinis	16.9
Cystopteris fragilis subsp. diaphana	16.8	Blechnum spicant	16.6
Quercus ilex	16.3	Carex reuteriana	16.1
Arundo plinii	16.0	Arisarum vulgare	15.8
Cyclamen hederifolium	15.4		

*Constant species (occurrence frequencies)*

Hedera helix	73.0	Laurus nobilis	61.0
Ruscus aculeatus	60.0	Rubia peregrina	49.0
Dioscorea communis	44.0	Smilax aspera	41.0
Rubus ulmifolius	41.0	Prunus lusitanica subsp. lusitanica	38.0
Asplenium adiantum-nigrum subsp. onopteris	37.0	Lonicera periclymenum	36.0
Viburnum tinus	30.0	Asparagus acutifolius	28.0
Rubus fruticosus aggr.	27.0	Athyrium filix-femina	27.0
Quercus ilex	24.0	Brachypodium sylvaticum	24.0
Arbutus unedo	24.0	Pteridium aquilinum	23.0
Polystichum setiferum	23.0	Alnus glutinosa	23.0
Fraxinus angustifolia	22.0	Blechnum spicant	21.0

Crataegus monogyna	20.0	Arum italicum	20.0
Rhamnus alaternus	19.0	Rosa sempervirens	18.0
Clematis vitalba	18.0	Asplenium trichomanes	17.0
Dryopteris affinis	16.0	Corylus avellana	16.0
Phillyrea latifolia	15.0	Ilex aquifolium	15.0
Vitis vinifera	14.0	Quercus pubescens	14.0
Hypericum androsaemum	14.0	Erica arborea	14.0
Geranium robertianum	13.0	Ficus carica	13.0
Celtis australis	13.0	Acanthus mollis	13.0
Salix cinerea	12.0	Quercus robur	12.0
Osmunda regalis	12.0	Arisarum vulgare	12.0
Teucrium scorodonia	11.0	Frangula alnus	11.0
Castanea sativa	11.0	Carex pendula	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Laurus nobilis	60.0	Prunus lusitanica subsp. lusitanica	38.0
Hedera helix	24.0	Ruscus aculeatus	6.0
Viburnum tinus	5.0		

**T23 - [G23] Macaronesian laurophyllous forest**

*Diagnostic species (phi coefficient \* 100)*

Morella faya	74.6	Laurus azorica	71.1
Ilex canariensis	68.7	Dryopteris oligodonta	59.8
Ageratina adenophora	53.6	Persea indica	49.0
Apollonias barbuja	48.9	Phyllis nobla	48.3
Diplazium caudatum	45.8	Ilex perado	45.7
Picconia excelsa	45.4	Semele androgyna	42.4
Ocotea foetens	42.3	Hypericum xylosteifolium	42.0
Globularia salicina	41.8	Ranunculus cortusifolius	41.6
Galium scabrum	40.8	Davallia canariensis	40.8
Erica arborea	39.5	Pericallis appendiculata	38.8
Pericallis papyracea	38.7	Ixanthus viscosus	38.7
Laurus novocanariensis	38.5	Jasminum odoratissimum	38.3
Hypericum grandifolium	38.2	Viburnum tinus	36.6
Maytenus umbellata	34.6	Dryopteris intermedia	34.6
Drymochloa donax	34.6	Cryptotaenia elegans	34.6
Canarina canariensis	34.6	Urtica morifolia	34.5
		Polypodium cambricum subsp. macaronesicum	33.9
Visnea mocanera	34.1	Rubia fruticosa	31.5
Pinus canariensis	31.7		
Asplenium adiantum-nigrum subsp. onopteris	30.1	Picconia azorica	30.0
Limonium angustibracteatum	30.0	Hypericum glandulosum	30.0
Hedera maderensis	30.0	Dryopteris crispifolia	30.0
Carex hochstetterana	30.0	Ageratina riparia	30.0
Hedera azorica	29.9	Geranium reuteri	29.9



Frangula azorica	29.9	Rubus bollei	29.8
Pittosporum undulatum	29.8	Heberdenia excelsa	29.7
Asplenium hemionitis	29.7	Vaccinium cylindraceum	29.6
Aichryson laxum	29.6	Asparagus umbellatus	29.1
Aeonium glandulosum	28.9	Hypericum canariense	28.7
Woodwardia radicans	28.1	Sibthorpia europaea	26.2
Rubus palmensis	24.5	Carex canariensis	24.5
Teucrium betonicum	24.4	Smilax canariensis	24.4
Sambucus palmensis	24.4	Pteris incompleta	24.4
Prunus lusitanica subsp. hixa	24.4	Dracunculus canariensis	24.4
Carex vulcani	24.4	Parietaria debilis	24.3
Luzula canariensis	24.3	Dryopteris guanchica	24.3
Isoplexis canariensis	24.2	Culcita macrocarpa	24.2
Bosea yervamora	24.2	Echium nervosum	24.1
Adiantum reniforme	24.1	Umbilicus gaditanus	24.0
Rhamnus crenulata	24.0	Juniperus brevifolia	24.0
Euphorbia mellifera	24.0	Erysimum bicolor	24.0
Dryopteris aemula	24.0	Dactylis smithii	24.0
Cedronella canariensis	24.0	Asparagus scoparius	24.0
Gennaria diphylla	23.8	Zantedeschia aethiopica	23.7
Opuntia tuna	23.7	Eucalyptus globulus	23.7
Carlina salicifolia	22.8	Andryala pinnatifida	22.3
Bituminaria bituminosa	19.5	Cytinus hypocistis	18.5
Sideritis canariensis	17.3	Scrophularia calliantha	17.3
Sanicula azorica	17.3	Polypodium cambricum subsp. azoricum	17.3
Chamaemeles coriacea	17.3	Gesnouinia arborea	17.3
Aeonium glutinosum	17.3	Elaphoglossum semicylindricum	17.3
Dryopteris aitoniana	17.3	Convolvulus massonii	17.3
Clethra arborea	17.3	Bellis azorica	17.3
Arceuthobium azoricum	17.3	Platanthera micrantha	17.2
Pericallis steetzii	17.2	Convolvulus canariensis	17.2
Cardamine caldeiranum	17.2	Vaccinium padifolium	17.1
Selaginella kraussiana	17.1	Maytenus canariensis	17.1
Genista maderensis	17.1	Euphorbia azorica	17.1
Eriobotrya japonica	17.1	Cytisus filipes	17.1
Hypericum foliosum	17.0	Asparagus asparagoides	17.0
Sibthorpia peregrina	16.9	Rhamnus glandulosa	16.9
Phoenix dactylifera	16.9	Asparagus plocamoides	16.9
Argyranthemum webbii	16.9	Withania aristata	16.8
Trichomanes speciosum	16.8	Tolpis azorica	16.8
Sonchus congestus	16.8	Pericallis aurita	16.8
Delairea odorata	16.7	Bystropogon canariensis	16.7
Pericallis murrayi	16.6	Deschampsia foliosa	16.6
Cyrtomium falcatum	16.6	Cyclosorus pozoi	16.5
Luzula elegans	16.4	Pteridium aquilinum	16.3
Pericallis tussilaginis	16.3	Helichrysum melaleucum	16.3
Erica scoparia	16.2	Cystopteris fragilis subsp. diaphana	16.2
Arbutus canariensis	16.2	Salix canariensis	16.1

Ferula linkii	15.9	Sonchus pinnatus	15.7
Solanum chenopodioides	15.4	Hymenophyllum tunbrigense	15.2
Erigeron karvinskianus	15.1	Artemisia thuscula	15.1
<i>Constant species (occurrence frequencies)</i>			
Morella faya	58.0	Laurus azorica	52.0
Erica arborea	52.0	Pteridium aquilinum	48.0
Ilex canariensis	48.0	Dryopteris oligodonta	36.0
Viburnum tinus	33.0	Rubia peregrina	30.0
Ageratina adenophora	30.0	Asplenium adiantum-nigrum subsp. onopteris	27.0
Rubus ulmifolius	24.0	Phyllis nobla	24.0
Persea indica	24.0	Apollonias barbujana	24.0
Picconia excelsa	21.0	Ilex perado	21.0
Galium scabrum	21.0	Diplazium caudatum	21.0
Dioscorea communis	21.0	Brachypodium sylvaticum	21.0
Semele androgyna	18.0	Ranunculus cortusifolius	18.0
Ocotea foetens	18.0	Hypericum xylosteifolium	18.0
Globularia salicina	18.0	Davallia canariensis	18.0
Pericallis papyracea	15.0	Pericallis appendiculata	15.0
Laurus novocanariensis	15.0	Jasminum odoratissimum	15.0
Ixanthus viscosus	15.0	Hypericum grandifolium	15.0
Erica scoparia	15.0	Bituminaria bituminosa	15.0
Visnea mocanera	12.0	Urtica morifolia	12.0
Smilax aspera	12.0	Rubia fruticosa	12.0
Polypodium cambricum subsp. macaronesicum	12.0	Pinus canariensis	12.0
Maytenus umbellata	12.0	Hedera helix	12.0
Dryopteris intermedia	12.0	Drymochloa donax	12.0
Cryptotaenia elegans	12.0	Canarina canariensis	12.0
Blechnum spicant	12.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Laurus azorica	39.0	Dryopteris oligodonta	15.0
Ilex canariensis	12.0	Apollonias barbujana	12.0
Persea indica	9.0	Morella faya	9.0
Laurus novocanariensis	9.0	Erica arborea	9.0
Diplazium caudatum	9.0	Viburnum tinus	6.0
Picconia excelsa	6.0	Picconia azorica	6.0
Ocotea foetens	6.0	Ilex perado	6.0
<b>T24 - [G24] Olea europaea-Ceratonia siliqua forest</b>			
<i>Diagnostic species (phi coefficient * 100)</i>			
Pistacia lentiscus	69.3	Olea europaea	46.0
Prasium majus	39.8	Ceratonia siliqua	38.1
Arisarum vulgare	35.9	Smilax aspera	31.6

Brachypodium retusum	29.6	Calicotome villosa	28.8
Juniperus phoenicea	27.8	Myrtus communis	27.2
Asparagus acutifolius	26.8	Drimia maritima	26.3
Clematis cirrhosa	24.6	Thymbra capitata	24.5
Phagnalon rupestre	24.2	Asparagus aphyllus	23.2
Rhamnus lycioides	22.1	Lonicera implexa	21.2
Piptatherum coerulescens	21.1	Euphorbia dendroides	20.9
Asphodelus ramosus	20.5	Rhamnus alaternus	20.4
Cistus monspeliensis	20.3	Rubia peregrina	20.1
Chamaerops humilis	20.1	Phillyrea angustifolia	19.8
Piptatherum miliaceum	18.6	Pinus halepensis	18.5
Crucianella latifolia	17.5	Phillyrea latifolia	17.4
Melica minuta	17.2	Phlomis lanata	17.0
Sonchus bulbosus	16.6	Teucrium fruticans	15.8
Scaligeria napiformis	15.8	Sarcopoterium spinosum	15.8
Rubia tenuifolia	15.8		
<i>Constant species (occurrence frequencies)</i>			
Pistacia lentiscus	98.0	Olea europaea	45.0
Smilax aspera	43.0	Rubia peregrina	41.0
Brachypodium retusum	40.0	Asparagus acutifolius	38.0
Arisarum vulgare	29.0	Prasium majus	27.0
Juniperus phoenicea	23.0	Myrtus communis	22.0
Ceratonia siliqua	22.0	Rhamnus alaternus	21.0
Lonicera implexa	20.0	Pinus halepensis	19.0
Phillyrea latifolia	19.0	Dactylis glomerata	19.0
Calicotome villosa	19.0	Phillyrea angustifolia	18.0
Drimia maritima	16.0	Cistus monspeliensis	16.0
Asphodelus ramosus	16.0	Quercus ilex	14.0
Quercus coccifera	14.0	Thymbra capitata	13.0
Rosmarinus officinalis	12.0	Rhamnus lycioides	12.0
Piptatherum miliaceum	12.0	Phagnalon rupestre	12.0
Daphne gnidium	12.0	Clematis flammula	12.0
Cistus salviifolius	12.0	Asparagus aphyllus	12.0
Ruscus aculeatus	11.0	Clematis cirrhosa	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Pistacia lentiscus	93.0	Ceratonia siliqua	10.0
Brachypodium retusum	5.0		

## T25 - [G25a] Phoenix theophrasti vegetation

### *Diagnostic species (phi coefficient \* 100)*

Phoenix theophrasti	99.9	Nerium oleander	71.9
Juncus heldreichianus	59.9	Arum concinnum	48.9
Ballota pseudodictamnus	48.6	Anthemis chia	46.7
Vitex agnus-castus	45.2	Carex hispida	44.2

Oxalis pes-caprae	42.1	Thymbra capitata	38.7
Pistacia lentiscus	38.5	Rostraria cristata	37.0
Centaurea redempta	35.1	Malva unguiculata	34.6
Brassica cretica	34.6	Anisantha madritensis	34.2
Lotus preslii	33.9	Equisetum ramosissimum	33.8
Scorzonera cretica	33.1	Malcolmia flexuosa	33.1
Anogramma leptophylla	33.1	Lithodora hispidula	32.9
Cichorium spinosum	32.8	Piptatherum miliaceum	32.7
Capparis spinosa	32.7	Securigera securidaca	32.6
Petromarula pinnata	32.2	Phlomis lanata	31.8
Parietaria cretica	31.8	Reichardia picroides	31.3
Dracunculus vulgaris	31.3	Silene sedoides	31.2
Hymenocarpus circinnatus	31.1	Orlaya daucooides	30.9
Satureja thymbra	30.8	Geranium purpureum	30.8
Asphodeline lutea	30.8	Arisarum vulgare	30.6
Salvia fruticosa	30.0	Lamyropsis cynaroides	29.8
Ruta chalepensis	29.5	Schoenus nigricans	29.4
Centaurea raphanina	29.4	Lotus ornithopodioides	29.3
Theligionum cynocrambe	28.7	Valantia hispida	28.5
Scirpoides holoschoenus	28.4	Rubus sanctus	28.4
Tordylium apulum	27.9	Plantago afra	27.9
Hordeum bulbosum	27.9	Cynosurus elegans	27.7
Crepis neglecta	26.6	Centranthus calcitrapae	26.6
Sarcopoterium spinosum	26.0	Hirschfeldia incana	25.8
Euphorbia dendroides	25.4	Urospermum picroides	25.2
Leontodon tuberosus	24.3	Torilis nodosa	23.7
Asparagus aphyllus	23.2	Allium subhirsutum	23.2
Ficus carica	23.1	Symphyotrichum squamatum	22.9
Hypochaeris achyrophorus	22.4	Sonchus bulbosus	21.8
Umbilicus rupestris	21.6	Rumex bucephalophorus	21.6
Trifolium stellatum	21.5	Medicago polymorpha	21.0
Juncus maritimus	20.6	Drimia maritima	20.6
Samolus valerandi	20.1	Vitis vinifera	20.0
Smilax aspera	18.7	Dittrichia viscosa	17.7
Hordeum murinum	17.4	Spartium junceum	17.1
Trifolium campestre	17.0	Bituminaria bituminosa	16.4
Leopoldia comosa	16.3	Myrtus communis	16.0
<i>Constant species (occurrence frequencies)</i>			
Phoenix theophrasti	100.0	Nerium oleander	62.0
Pistacia lentiscus	50.0	Juncus heldreichianus	38.0
Vitex agnus-castus	25.0	Trifolium campestre	25.0
Thymbra capitata	25.0	Smilax aspera	25.0
Schoenus nigricans	25.0	Scirpoides holoschoenus	25.0
Rostraria cristata	25.0	Reichardia picroides	25.0
Piptatherum miliaceum	25.0	Oxalis pes-caprae	25.0
Geranium purpureum	25.0	Equisetum ramosissimum	25.0
Carex hispida	25.0	Ballota pseudodictamnus	25.0

Arum concinatum	25.0	Arisarum vulgare	25.0
Anthemis chia	25.0	Anisantha madritensis	25.0
Vitis vinifera	12.0	Valantia hispida	12.0
Urospermum picroides	12.0	Umbilicus rupestris	12.0
Trifolium stellatum	12.0	Torilis nodosa	12.0
Tordylium apulum	12.0	Theligonum cynocrambe	12.0
Symphotrichum squamatum	12.0	Spartium junceum	12.0
Sonchus bulbosus	12.0	Silene sedoides	12.0
Securigera securidaca	12.0	Scorzonera cretica	12.0
Satureja thymbra	12.0	Sarcopoterium spinosum	12.0
Samolus valerandi	12.0	Salvia fruticosa	12.0
Ruta chalepensis	12.0	Rumex conglomeratus	12.0
Rumex bucephalophorus	12.0	Rubus sanctus	12.0
Plantago afra	12.0	Phragmites australis	12.0
Phlomis lanata	12.0	Petromarula pinnata	12.0
Parietaria cretica	12.0	Orlaya daucoides	12.0
Olea europaea	12.0	Myrtus communis	12.0
Medicago polymorpha	12.0	Malva unguiculata	12.0
Malcolmia flexuosa	12.0	Lotus preslii	12.0
Lotus ornithopodioides	12.0	Lithodora hispidula	12.0
Leopoldia comosa	12.0	Leontodon tuberosus	12.0
Lamyropsis cynaroides	12.0	Lactuca serriola	12.0
Juncus maritimus	12.0	Hypochaeris achyrophorus	12.0
Hymenocarpus circinnatus	12.0	Hordeum murinum	12.0
Hordeum bulbosum	12.0	Hirschfeldia incana	12.0
Galium aparine	12.0	Ficus carica	12.0
Euphorbia dendroides	12.0	Drimia maritima	12.0
Dracunculus vulgaris	12.0	Dittrichia viscosa	12.0
Dioscorea communis	12.0	Cynosurus elegans	12.0
Cynodon dactylon	12.0	Crepis neglecta	12.0
Cichorium spinosum	12.0	Centranthus calcitrapae	12.0
Centaurea redempta	12.0	Centaurea raphanina	12.0
Capsella bursa-pastoris	12.0	Capparis spinosa	12.0
Brassica cretica	12.0	Brachypodium retusum	12.0
Bituminaria bituminosa	12.0	Asphodeline lutea	12.0
Asparagus aphyllus	12.0	Asparagus acutifolius	12.0
Anogramma leptophylla	12.0	Anisantha sterilis	12.0
Anagallis arvensis	12.0	Allium subhirsutum	12.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Phoenix theophrasti	100.0	Nerium oleander	62.0
Pistacia lentiscus	12.0	Carex hispida	12.0

**T26 - [G25b] Phoenix canariensis vegetation**

*Diagnostic species (phi coefficient \* 100)*

Phoenix canariensis	99.9	Dittrichia viscosa	86.1
---------------------	------	--------------------	------

Sideritis cretica subsp. spicata	81.5	Descurainia millefolia	81.5
Echium aculeatum	81.4	Euphorbia berthelotii	81.3
Micromeria varia	80.7	Periploca angustifolia	79.9
Phagnalon saxatile	75.9	Pallenis spinosa	74.5
Hyparrhenia hirta	71.8	Bituminaria bituminosa	63.7
Cistus monspeliensis	63.4	Ricinus communis	56.9
Nicotiana glauca	56.6	Lycium intricatum	55.5
Euphorbia regis-jubae	54.9	Launaea arborescens	54.7
<i>Constant species (occurrence frequencies)</i>			
Phoenix canariensis	100.0	Dittrichia viscosa	100.0
Sideritis cretica subsp. spicata	67.0	Phagnalon saxatile	67.0
Periploca angustifolia	67.0	Pallenis spinosa	67.0
Micromeria varia	67.0	Hyparrhenia hirta	67.0
Euphorbia berthelotii	67.0	Echium aculeatum	67.0
Descurainia millefolia	67.0	Cistus monspeliensis	67.0
Bituminaria bituminosa	67.0	Ricinus communis	33.0
Nicotiana glauca	33.0	Lycium intricatum	33.0
Launaea arborescens	33.0	Euphorbia regis-jubae	33.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Phoenix canariensis	100.0	Dittrichia viscosa	33.0

## T27 - [G26] Ilex aquifolium forest

<i>Diagnostic species (phi coefficient * 100)</i>			
Ilex aquifolium	45.7	Lonicera periclymenum	18.5
Pteridium aquilinum	17.9	Isoethecium myosuroides	16.6
Hedera helix	16.1		
<i>Constant species (occurrence frequencies)</i>			
Ilex aquifolium	100.0	Hedera helix	59.0
Pteridium aquilinum	53.0	Lonicera periclymenum	47.0
Fagus sylvatica	47.0	Quercus petraea	43.0
Rubus fruticosus aggr.	34.0	Corylus avellana	29.0
Avenella flexuosa	28.0	Polytrichastrum formosum	27.0
Vaccinium myrtillus	22.0	Crataegus monogyna	22.0
Thuidium tamariscinum	21.0	Sorbus aucuparia	21.0
Hypnum cupressiforme	20.0	Frangula alnus	19.0
Dicranum scoparium	19.0	Quercus robur	18.0
Teucrium scorodonia	17.0	Castanea sativa	17.0
Betula pubescens	17.0	Ruscus aculeatus	16.0
Oxalis acetosella	15.0	Mnium hornum	15.0
Dryopteris dilatata	15.0	Fraxinus excelsior	14.0
Betula pendula	14.0	Leucobryum glaucum	13.0
Rubus ulmifolius	12.0	Geranium robertianum	12.0
Blechnum spicant	12.0	Sanicula europaea	11.0

Isoethecium myosuroides	11.0	Dryopteris filix-mas	11.0
Carpinus betulus	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Ilex aquifolium	100.0	Quercus petraea	17.0
Fagus sylvatica	12.0	Hedera helix	11.0
Pteridium aquilinum	9.0	Quercus robur	7.0
Avenella flexuosa	7.0		

**T28 - [G27] Macaronesian heathy forest**

*Diagnostic species (phi coefficient \* 100)*

Morella faya	83.7	Ilex canariensis	68.3
Erica arborea	54.8	Galium scabrum	52.0
Cistus symphytifolius	47.6	Davallia canariensis	47.3
Arbutus canariensis	44.2	Dryopteris oligodonta	43.9
Hypericum canariense	43.7	Pinus canariensis	42.2
Habenaria tridactylites	39.7	Laurus novocanariensis	39.5
Laurus azorica	38.5	Andryala pinnatifida	38.4
Asplenium adiantum-nigrum subsp. onopteris	37.9	Erica scoparia	35.3
Urtica morifolia	34.2	Genista canariensis	34.2
Ilex perado	34.1	Visnea mocanera	33.9
Micromeria hyssopifolia	32.7	Vaccinium padifolium	28.1
Luzula canariensis	28.0	Festuca petraea	28.0
Sonchus congestus	27.9	Rubus bollei	27.9
Myosotis latifolia	27.9	Ixanthus viscosus	27.9
Pericallis murrayi	27.7	Cedronella canariensis	27.7
Gennaria diphylla	27.6	Pericallis tussilaginis	27.5
Adenocarpus foliolosus	27.5	Eucalyptus globulus	27.4
Hypericum xylosteifolium	27.3	Hypericum grandifolium	27.2
Prunus lusitanica subsp. hixa	26.9	Phyllis nobla	26.7
Woodwardia radicans	26.1	Corema album	25.4
Viburnum tinus	23.8	Cistus monspeliensis	20.3
Teucrium francoi	19.9	Aichryson punctatum	19.9
Polystichum falcinellum	19.8	Carduus clavulatus	19.8
Bunium brevifolium	19.8	Aeonium cuneatum	19.8
Plantago leiopetala	19.7	Odontites holliana	19.7
Cytisus proliferus	19.7	Cistus chinamadensis	19.7
Aeonium ciliatum	19.7	Sibthorpia peregrina	19.6
Dryopteris guanchica	19.6	Cryptotaenia elegans	19.6
Bupleurum salicifolium	19.6	Argyranthemum webbii	19.6
Rhamnus glandulosa	19.5	Lathyrus odoratus	19.5
Pericallis papyracea	19.4	Aeonium lindleyi	19.4
Juniperus brevifolia	19.3	Hypericum reflexum	19.3
Heberdenia excelsa	19.3	Echium nervosum	19.3
Bystropogon canariensis	19.3	Helichrysum melaleucum	19.0

Jasminum odoratissimum	18.7	Polypodium cambricum subsp. macaronesicum	18.5
Globularia salicina	18.2	Plantago arborescens	18.1
Scilla haemorrhoidalis	17.9	Lavandula canariensis	17.7
Daphne gnidium	17.7	Neotinea maculata	17.2
Micromeria varia	17.2	Paragymnopteris marantae	16.8
Ageratina adenophora	16.7		
<i>Constant species (occurrence frequencies)</i>			
Erica arborea	76.0	Morella faya	72.0
Ilex canariensis	48.0	Pteridium aquilinum	44.0
		Asplenium adiantum-nigrum subsp. onopteris	36.0
Erica scoparia	36.0	Davallia canariensis	24.0
Galium scabrum	32.0	Viburnum tinus	20.0
Cistus symphytifolius	24.0	Hypericum canariense	20.0
Pinus canariensis	20.0	Arbutus canariensis	20.0
Dryopteris oligodonta	20.0	Laurus novocanariensis	16.0
Rubus ulmifolius	16.0	Habenaria tridactylites	16.0
Laurus azorica	16.0	Cistus monspeliensis	16.0
Daphne gnidium	16.0	Visnea mocanera	12.0
Andryala pinnatifida	16.0	Micromeria hyssopifolia	12.0
Urtica morifolia	12.0	Genista canariensis	12.0
Ilex perado	12.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Erica arborea	60.0	Erica scoparia	36.0
Cistus symphytifolius	12.0	Morella faya	8.0
Corema album	8.0	Cistus monspeliensis	8.0
Arbutus canariensis	8.0		

## T29 - [G28] Broadleaved evergreen plantation of non site-native trees

<i>Diagnostic species (phi coefficient * 100)</i>			
Eucalyptus globulus	54.3	Acacia saligna	38.1
Pseudarrhenatherum longifolium	34.5	Eucalyptus camaldulensis	31.0
Retama raetam subsp. raetam	30.9	Acacia dealbata	30.7
Pinus radiata	30.0	Centaurea sphaerocephala	29.1
Piptatherum miliaceum	27.3	Daboecia cantabrica	27.1
Euphorbia terracina	25.9	Ulex gallii	25.7
Agrostis curtisii	23.9	Rubus ulmifolius	23.7
Astragalus lagopoides	22.3	Trachycarpus fortunei	22.2
Astragalus oreades	22.2	Acacia melanoxylon	22.2
Acacia mearnsii	22.2	Acacia karroo	22.2
Astragalus solandri	22.1	Astracantha diphtherites	22.1
Conringia persica	22.0	Hypericum lysimachioides	21.9
Retama monosperma	21.5	Carpobrotus acinaciformis	21.1
Agrostemma gracile	20.9	Alcea acaulis	20.8



Minuartia isaurica	20.3	Cytisus commutatus	20.0
Lonicera japonica	19.2	Genista salzmannii	18.9
Hypericum atomarium	18.2	Sonchus bulbosus	18.1
Pinus pinaster	18.1	Arbutus unedo	18.0
Ephedra fragilis	17.1	Erica cinerea	17.0
Rubia peregrina	16.9	Pteridium aquilinum	16.9
Genista monspessulana	16.9	Silene sericea	16.8
Alnus cordata	16.8	Hypericum perforatum	16.0
Lagurus ovatus	15.7	Smilax aspera	15.0
<i>Constant species (occurrence frequencies)</i>			
Pteridium aquilinum	50.0	Rubus ulmifolius	45.0
Rubia peregrina	35.0	Hedera helix	35.0
Quercus robur	30.0	Eucalyptus globulus	30.0
Salix cinerea	25.0	Pseudarrhenatherum longifolium	25.0
Smilax aspera	20.0	Rubus fruticosus aggr.	20.0
Piptatherum miliaceum	20.0	Pinus pinaster	20.0
Erica cinerea	20.0	Arbutus unedo	20.0
Viola riviniana aggr.	15.0	Ulex gallii	15.0
Ulex europaeus	15.0	Teucrium scorodonia	15.0
Erica arborea	15.0	Dioscorea communis	15.0
Daboecia cantabrica	15.0	Cistus salviifolius	15.0
Castanea sativa	15.0	Calluna vulgaris	15.0
Asparagus acutifolius	15.0	Agrostis curtisii	15.0
Acacia saligna	15.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Eucalyptus globulus	25.0	Pteridium aquilinum	20.0
Rubus ulmifolius	15.0	Acacia saligna	15.0
Sonchus bulbosus	10.0	Ulex europaeus	5.0
Trachycarpus fortunei	5.0	Rubus fruticosus aggr.	5.0
Robinia pseudoacacia	5.0	Quercus rubra	5.0
Pinus radiata	5.0	Pinus halepensis	5.0
Myrtus communis	5.0	Hypericum montanum	5.0
Holcus lanatus	5.0	Hedera helix	5.0
Eucalyptus camaldulensis	5.0	Erigeron canadensis	5.0
Cytisus scoparius	5.0	Cirsium arvense	5.0
Centaurea sphaerocephala	5.0	Calystegia sepium	5.0
Calluna vulgaris	5.0	Calamagrostis epigejos	5.0
Asparagus acutifolius	5.0	Anthoxanthum odoratum aggr.	5.0
Agrostis canina	5.0	Acacia melanoxylon	5.0
Acacia mearnsii	5.0	Acacia karroo	5.0
Acacia dealbata	5.0		

### T31 - [G31a] Temperate mountain Picea forest

*Diagnostic species (phi coefficient \* 100)*

Picea abies	29.0	Homogyne alpina	28.5
Luzula luzulina	26.2	Calamagrostis villosa	25.5
Oxalis acetosella	24.2	Luzula sylvatica	23.6
Melampyrum sylvaticum	23.5	Prenanthes purpurea	22.6
Hieracium murorum	21.9	Veronica urticifolia	20.9
Valeriana tripteris	20.3	Vaccinium myrtillus	20.1
Lonicera nigra	19.4	Sorbus aucuparia	18.8
Polygonatum verticillatum	18.8	Abies alba	18.7
Dicranum scoparium	18.6	Larix decidua	18.0
Gymnocarpium dryopteris	17.3	Huperzia selago	17.1
Gentiana asclepiadea	16.8	Dryopteris dilatata	15.8
Adenostyles alliariae	15.7	Rosa pendulina	15.5
Maianthemum bifolium	15.4		
<i>Constant species (occurrence frequencies)</i>			
Picea abies	100.0	Vaccinium myrtillus	75.0
Oxalis acetosella	70.0	Sorbus aucuparia	66.0
Hieracium murorum	48.0	Dicranum scoparium	48.0
Avenella flexuosa	41.0	Abies alba	40.0
Fagus sylvatica	38.0	Athyrium filix-femina	38.0
Hylocomium splendens	37.0	Prenanthes purpurea	36.0
Luzula sylvatica	36.0	Homogyne alpina	36.0
Solidago virgaurea	35.0	Polytrichastrum formosum	35.0
Maianthemum bifolium	35.0	Rubus idaeus	32.0
Dryopteris dilatata	32.0	Vaccinium vitis-idaea	31.0
Fragaria vesca	29.0	Dryopteris filix-mas	28.0
Melampyrum sylvaticum	27.0	Acer pseudoplatanus	27.0
Senecio nemorensis aggr.	26.0	Calamagrostis villosa	26.0
Pleurozium schreberi	25.0	Luzula luzuloides	25.0
Rhytidiadelphus triquetrus	24.0	Polygonatum verticillatum	24.0
Gymnocarpium dryopteris	24.0	Lactuca muralis	21.0
Veronica urticifolia	19.0	Larix decidua	19.0
Valeriana tripteris	18.0	Viola reichenbachiana	17.0
Lonicera nigra	17.0	Gentiana asclepiadea	17.0
Veronica officinalis	16.0	Phyteuma spicatum	16.0
Paris quadrifolia	16.0	Lycopodium annotinum	16.0
Lamium galeobdolon	16.0	Daphne mezereum	16.0
Calamagrostis arundinacea	16.0	Viola biflora	14.0
Rosa pendulina	14.0	Luzula pilosa	14.0
Luzula luzulina	14.0	Huperzia selago	14.0
Dryopteris carthusiana	14.0	Rubus fruticosus aggr.	13.0
Plagiochila asplenioides	13.0	Petasites albus	13.0
Mercurialis perennis	13.0	Melica nutans	13.0
Hypnum cupressiforme	13.0	Carex digitata	13.0
Calamagrostis varia	13.0	Adenostyles alliariae	13.0
Rhytidiadelphus loreus	12.0	Orthilia secunda	12.0
Epilobium montanum	12.0	Ajuga reptans	12.0
Rubus saxatilis	11.0	Phegopteris connectilis	11.0

Luzula nivea	11.0	Galium odoratum	11.0
Carex sylvatica	11.0	Blechnum spicant	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Picea abies	100.0	Vaccinium myrtillus	21.0
Hylocomium splendens	8.0	Oxalis acetosella	7.0
Calamagrostis villosa	6.0		

**T32 - [G31b] Temperate mountain Abies forest**

*Diagnostic species (phi coefficient \* 100)*

Abies alba	48.6	Prenanthes purpurea	29.0
Lonicera nigra	27.1	Oxalis acetosella	23.7
Galium rotundifolium	20.3	Fagus sylvatica	19.9
Drymochloa sylvatica	19.4	Luzula nivea	18.8
Polygonatum verticillatum	18.7	Hieracium murorum	18.1
Dryopteris filix-mas	17.9	Athyrium filix-femina	17.6
Veronica urticifolia	16.6	Rubus idaeus	16.4
Picea abies	16.4	Epilobium montanum	16.1
Senecio nemorensis aggr.	16.0	Sorbus aucuparia	15.9
Galium odoratum	15.9	Sambucus racemosa	15.2

*Constant species (occurrence frequencies)*

Abies alba	98.0	Fagus sylvatica	72.0
Oxalis acetosella	69.0	Picea abies	60.0
Sorbus aucuparia	57.0	Vaccinium myrtillus	46.0
Dryopteris filix-mas	46.0	Prenanthes purpurea	45.0
Athyrium filix-femina	45.0	Rubus idaeus	43.0
Rubus fruticosus aggr.	41.0	Hieracium murorum	40.0
Fragaria vesca	38.0	Viola reichenbachiana	37.0
Acer pseudoplatanus	36.0	Corylus avellana	35.0
Polytrichastrum formosum	34.0	Galium odoratum	34.0
Lactuca muralis	32.0	Lamium galeobdolon	30.0
Dryopteris dilatata	30.0	Dicranum scoparium	30.0
Senecio nemorensis aggr.	29.0	Geranium robertianum	28.0
Avenella flexuosa	27.0	Hylocomium splendens	26.0
Solidago virgaurea	25.0	Maianthemum bifolium	25.0
Epilobium montanum	25.0	Polygonatum verticillatum	24.0
Lonicera nigra	24.0	Dryopteris carthusiana	23.0
Carex sylvatica	23.0	Paris quadrifolia	21.0
Thuidium tamariscinum	20.0	Mercurialis perennis	20.0
Carex digitata	20.0	Veronica officinalis	19.0
Sorbus aria aggr.	19.0	Lonicera xylosteum	19.0
Fraxinus excelsior	19.0	Sanicula europaea	18.0
Rhytidadelphus triquetrus	18.0	Luzula sylvatica	18.0
Luzula pilosa	18.0	Galium rotundifolium	18.0
Ajuga reptans	18.0	Sambucus racemosa	17.0

Drymochloa sylvatica	17.0	Phyteuma spicatum	16.0
Luzula nivea	16.0	Hedera helix	15.0
Gymnocarpium dryopteris	15.0	Veronica urticifolia	14.0
Luzula luzuloides	14.0	Atrichum undulatum	14.0
Rosa pendulina	13.0	Plagiomnium undulatum	13.0
Ilex aquifolium	13.0	Hepatica nobilis	13.0
Eurhynchium striatum	13.0	Actaea spicata	13.0
Rhytidiadelphus loreus	12.0	Pteridium aquilinum	12.0
Pinus sylvestris	12.0	Euphorbia amygdaloides	12.0
Quercus petraea	11.0	Poa nemoralis	11.0
Moehringia trinervia	11.0	Melica nutans	11.0
Lathyrus vernus	11.0	Daphne mezereum	11.0
Anemone nemorosa	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Abies alba	98.0	Oxalis acetosella	11.0
Vaccinium myrtillus	10.0	Fagus sylvatica	9.0
Picea abies	8.0	Rubus fruticosus aggr.	6.0
Hylocomium splendens	6.0		

**T33 - [G31c] Mediterranean mountain Abies forest**

*Diagnostic species (phi coefficient \* 100)*

Abies borisii-regis	71.7	Aremonia agrimonoides	56.0
Galium rotundifolium	38.1	Campanula spatulata	37.5
Helleborus odorus	34.4	Doronicum orientale	33.6
Clinopodium grandiflorum	31.9	Geranium versicolor	28.8
Abies cephalonica	27.8	Lactuca muralis	25.5
Digitalis laevigata	25.5	Abies pinsapo	25.0
Cardamine chelidonia	24.2	Lathyrus laxiflorus	23.4
Sanicula europaea	21.9	Daphne laureola	21.4
Juniperus oxycedrus	20.8	Silene italica	20.4
Lathyrus venetus	20.0	Dactylorhiza saccifera	19.4
Cyclamen hederifolium	19.4	Luzula forsteri	19.3
Geocaryum capillifolium	19.3	Lilium chalconicum	19.0
Potentilla micrantha	18.8	Sedum cepaea	18.7
Hieracium bracteolatum	17.8	Myosotis sylvatica	17.6
Drymochloa drymeja	17.4	Pteridium aquilinum	17.1
Digitalis ferruginea	17.0	Trifolium grandiflorum	16.6
Trisetum laconicum	16.5	Epipactis helleborine	16.4
Cynosurus echinatus	16.3	Trifolium physodes	16.2
Pinus nigra	16.2	Trifolium pignanii	16.0
Hypopitys monotropa	16.0	Rosa pulverulenta	15.7
Viola alba	15.4	Ostrya carpinifolia	15.4
Viola reichenbachiana	15.2	Geranium lucidum	15.1
Galium hellenicum	15.1	Phlomis samia	15.0

*Constant species (occurrence frequencies)*

Aremonia agrimonoides	59.0	Abies borisii-regis	55.0
Lactuca muralis	54.0	Pteridium aquilinum	50.0
Fagus sylvatica	46.0	Fragaria vesca	42.0
Galium rotundifolium	41.0	Brachypodium sylvaticum	40.0
Viola reichenbachiana	39.0	Rubus fruticosus aggr.	37.0
Sanicula europaea	33.0	Veronica chamaedrys	32.0
Abies alba	30.0	Melica uniflora	26.0
Juniperus oxycedrus	26.0	Helleborus odorus	26.0
Hedera helix	26.0	Daphne laureola	25.0
Euphorbia amygdaloides	23.0	Poa nemoralis	21.0
Luzula forsteri	20.0	Ilex aquifolium	20.0
Galium odoratum	20.0	Clinopodium grandiflorum	20.0
Clinopodium vulgare	19.0	Campanula spatulata	19.0
Dactylis glomerata	18.0	Pinus nigra	17.0
Myosotis sylvatica	17.0	Luzula sylvatica	17.0
Lapsana communis	17.0	Epipactis helleborine	17.0
Doronicum orientale	17.0	Viola alba	15.0
Silene italica	15.0	Geranium robertianum	15.0
Potentilla micrantha	14.0	Ostrya carpinifolia	14.0
Neottia nidus-avis	14.0	Lathyrus venetus	14.0
Sanguisorba minor	13.0	Hieracium murorum	13.0
Cardamine bulbifera	13.0	Acer pseudoplatanus	13.0
Quercus coccifera	12.0	Lathyrus laxiflorus	12.0
Geranium versicolor	12.0	Drymochloa drymeja	12.0
Cynosurus echinatus	12.0	Cyclamen hederifolium	12.0
Quercus cerris	11.0	Orthilia secunda	11.0
Geum urbanum	11.0	Dryopteris filix-mas	11.0
Campanula patula	11.0	Bellis perennis	11.0
Acer opalus aggr.	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Abies borisii-regis	55.0	Abies alba	30.0
Fagus sylvatica	16.0	Pteridium aquilinum	9.0
Abies cephalonica	8.0	Abies pinsapo	7.0
Rubus fruticosus aggr.	6.0		

**T34 - [G32] Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**

*Diagnostic species (phi coefficient \* 100)*

Larix decidua	51.0	Rhododendron ferrugineum	49.9
Pinus uncinata	49.0	Pinus cembra	46.1
Homogyne alpina	31.4	Juniperus communis subsp. nana	29.9
Lonicera caerulea	29.6	Sorbus chamaemespilus	25.7
Calamagrostis villosa	24.6	Festuca flavescens	22.2
Valeriana tripteris	20.7	Rosa pendulina	20.7
Alnus viridis	20.2	Melampyrum sylvaticum	19.5

Polystichum lonchitis	19.4	Rhododendron hirsutum	18.2
Vaccinium myrtillus	17.9	Luzula nivea	17.5
Soldanella alpina	17.4	Luzula sylvatica	17.4
Hieracium prenanthoides	17.2	Pulsatilla alpina	16.9
Peucedanum ostruthium	16.6	Saxifraga cuneifolia	16.3
Campanula scheuchzeri	16.2	Geranium sylvaticum aggr.	16.0
Valeriana montana	15.7	Clematis alpina	15.7
Viola biflora	15.1		
<i>Constant species (occurrence frequencies)</i>			
Vaccinium myrtillus	69.0	Larix decidua	60.0
Sorbus aucuparia	46.0	Rhododendron ferrugineum	46.0
Avenella flexuosa	46.0	Vaccinium vitis-idaea	44.0
Picea abies	44.0	Homogyne alpina	42.0
Pinus uncinata	37.0	Hieracium murorum	33.0
Dicranum scoparium	32.0	Hylocomium splendens	31.0
Oxalis acetosella	30.0	Juniperus communis subsp. nana	29.0
Solidago virgaurea	28.0	Pinus cembra	28.0
Luzula sylvatica	27.0	Rhytidiadelphus triquetrus	26.0
Calamagrostis villosa	26.0	Juniperus communis subsp. communis	25.0
Melampyrum sylvaticum	23.0	Geranium sylvaticum aggr.	23.0
Rubus idaeus	22.0	Pleurozium schreberi	21.0
Sesleria caerulea	20.0	Rosa pendulina	20.0
Valeriana tripteris	19.0	Anthoxanthum odoratum aggr.	19.0
Lotus corniculatus	18.0	Vaccinium uliginosum	17.0
Hepatica nobilis	17.0	Luzula nivea	16.0
Campanula scheuchzeri	16.0	Abies alba	16.0
Viola biflora	15.0	Lonicera caerulea	15.0
Veratrum album	14.0	Sorbus chamaemespilus	14.0
Prenanthes purpurea	14.0	Fragaria vesca	14.0
Daphne mezereum	14.0	Potentilla erecta	13.0
Calluna vulgaris	13.0	Calamagrostis varia	13.0
Sorbus aria aggr.	12.0	Soldanella alpina	12.0
Pulsatilla alpina	12.0	Polytrichastrum formosum	12.0
Polystichum lonchitis	12.0	Gymnocarpium dryopteris	12.0
Carduus defloratus aggr.	12.0	Bellidiastrum michelii	12.0
Alnus viridis	12.0	Valeriana montana	11.0
Rubus saxatilis	11.0	Rhododendron hirsutum	11.0
Pinus mugo	11.0	Lycopodium annotinum	11.0
Huperzia selago	11.0	Euphorbia cyparissias	11.0
Erica carnea	11.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Larix decidua	43.0	Pinus uncinata	35.0
Vaccinium myrtillus	30.0	Rhododendron ferrugineum	22.0
Pinus cembra	12.0	Hylocomium splendens	6.0
Calamagrostis villosa	6.0		

### T35 - [G34a] Temperate continental *Pinus sylvestris* forest

#### *Diagnostic species (phi coefficient \* 100)*

<i>Pinus sylvestris</i>	30.7	<i>Dicranum polysetum</i>	21.5
<i>Chimaphila umbellata</i>	19.3	<i>Pleurozium schreberi</i>	18.3
<i>Vaccinium myrtillus</i>	15.9	<i>Dicranum undulatum</i>	15.1
<i>Betula pendula</i>	15.1		

#### *Constant species (occurrence frequencies)*

<i>Pinus sylvestris</i>	100.0	<i>Vaccinium myrtillus</i>	61.0
<i>Pleurozium schreberi</i>	57.0	<i>Betula pendula</i>	44.0
<i>Vaccinium vitis-idaea</i>	42.0	<i>Quercus robur</i>	40.0
<i>Calluna vulgaris</i>	40.0	<i>Sorbus aucuparia</i>	39.0
<i>Avenella flexuosa</i>	38.0	<i>Picea abies</i>	37.0
<i>Frangula alnus</i>	34.0	<i>Melampyrum pratense</i>	31.0
<i>Festuca ovina</i>	31.0	<i>Dicranum scoparium</i>	30.0
<i>Juniperus communis</i> subsp. <i>communis</i>	27.0	<i>Luzula pilosa</i>	24.0
<i>Hylocomium splendens</i>	24.0	<i>Dicranum polysetum</i>	24.0
<i>Quercus petraea</i>	23.0	<i>Agrostis capillaris</i>	20.0
<i>Pteridium aquilinum</i>	19.0	<i>Fagus sylvatica</i>	19.0
<i>Polytrichastrum formosum</i>	18.0	<i>Pilosella officinarum</i>	18.0
<i>Fragaria vesca</i>	18.0	<i>Trientalis europaea</i>	15.0
<i>Solidago virgaurea</i>	15.0	<i>Rumex acetosella</i>	15.0
<i>Rubus fruticosus</i> aggr.	15.0	<i>Molinia caerulea</i> aggr.	15.0
<i>Hieracium murorum</i>	15.0	<i>Veronica officinalis</i>	14.0
<i>Rubus idaeus</i>	14.0	<i>Leucobryum glaucum</i>	14.0
<i>Hypnum cupressiforme</i>	14.0	<i>Calamagrostis arundinacea</i>	14.0
<i>Pohlia nutans</i>	13.0	<i>Maianthemum bifolium</i>	13.0
<i>Dryopteris carthusiana</i>	13.0	<i>Calamagrostis epigejos</i>	13.0
<i>Anthoxanthum odoratum</i> aggr.	13.0	<i>Populus tremula</i>	12.0

#### *Dominant species (percentage frequencies of occurrences with cover > 25%)*

<i>Pinus sylvestris</i>	97.0	<i>Pleurozium schreberi</i>	27.0
<i>Vaccinium myrtillus</i>	22.0	<i>Avenella flexuosa</i>	9.0
<i>Vaccinium vitis-idaea</i>	5.0	<i>Molinia caerulea</i> aggr.	5.0

### T36 - [G34b] Temperate and submediterranean montane *Pinus sylvestris*-*Pinus nigra* forest

#### *Diagnostic species (phi coefficient \* 100)*

<i>Amelanchier ovalis</i>	52.3	<i>Sorbus aria</i> aggr.	36.9
<i>Epipactis atrorubens</i>	34.5	<i>Polygala chamaebuxus</i>	33.4
<i>Berberis vulgaris</i>	29.2	<i>Lavandula angustifolia</i>	29.0
<i>Calamagrostis varia</i>	27.8	<i>Juniperus communis</i> subsp. <i>communis</i>	27.4
<i>Achnatherum calamagrostis</i>	26.7	<i>Pinus nigra</i>	26.3
<i>Pinus sylvestris</i>	26.1	<i>Erica carnea</i>	25.6
<i>Cytisophyllum sessilifolium</i>	25.4	<i>Carex humilis</i>	24.8

Cotoneaster tomentosus	23.8	Viburnum lantana	23.3
Buphthalmum salicifolium	22.9	Teucrium chamaedrys	22.6
Buxus sempervirens	21.8	Sesleria caerulea	20.3
Genista cinerea	19.6	Hippocrepis emerus	19.2
Globularia cordifolia	19.2	Hieracium murorum	18.8
Teucrium montanum	18.7	Carex alba	18.5
Genista pilosa	18.4	Cytisus purpureus	18.2
Carduus defloratus aggr.	17.9	Anthericum ramosum	17.9
Quercus pubescens	17.8	Leontodon incanus	17.8
Arctostaphylos uva-ursi	17.8	Acer opalus aggr.	17.7
Goodyera repens	16.7	Brachypodium pinnatum	15.0
<i>Constant species (occurrence frequencies)</i>			
Pinus sylvestris	87.0	Sorbus aria aggr.	64.0
Amelanchier ovalis	64.0	Juniperus communis subsp. communis	63.0
Teucrium chamaedrys	46.0	Hieracium murorum	42.0
Viburnum lantana	39.0	Quercus pubescens	33.0
Carex humilis	33.0	Brachypodium pinnatum	33.0
Crataegus monogyna	32.0	Polygala chamaebuxus	30.0
Picea abies	29.0	Euphorbia cyparissias	29.0
Calamagrostis varia	29.0	Lotus corniculatus	28.0
Epipactis atrorubens	28.0	Sesleria caerulea	27.0
Pinus nigra	27.0	Buxus sempervirens	27.0
Fagus sylvatica	26.0	Berberis vulgaris	26.0
Lonicera xylosteum	25.0	Fragaria vesca	25.0
Corylus avellana	24.0	Carex flacca	24.0
Hepatica nobilis	23.0	Campanula rotundifolia	23.0
Erica carnea	22.0	Vincetoxicum hirundinaria	21.0
Sanguisorba minor	21.0	Lavandula angustifolia	21.0
Hippocrepis emerus	21.0	Cornus sanguinea	21.0
Teucrium montanum	20.0	Pimpinella saxifraga	20.0
Genista pilosa	20.0	Cytisophyllum sessilifolium	20.0
Ligustrum vulgare	19.0	Buphthalmum salicifolium	19.0
Solidago virgaurea	18.0	Anthericum ramosum	18.0
Sorbus aucuparia	17.0	Hippocrepis comosa	17.0
Dicranum scoparium	17.0	Carlina vulgaris	17.0
Carduus defloratus aggr.	17.0	Bromopsis erecta	17.0
Acer opalus aggr.	17.0	Rosa canina aggr.	16.0
Pilosella officinarum	16.0	Hylocomium splendens	16.0
Carlina acaulis	16.0	Carex alba	16.0
Fraxinus excelsior	15.0	Rubia peregrina	14.0
Orthilia secunda	14.0	Helleborus foetidus	14.0
Carex halleriana	14.0	Arctostaphylos uva-ursi	14.0
Achnatherum calamagrostis	14.0	Viola hirta	13.0
Prunus spinosa	13.0	Prunella grandiflora	13.0
Molinia caerulea aggr.	13.0	Hypnum cupressiforme	13.0
Globularia cordifolia	13.0	Festuca ovina	13.0
Hedera helix	12.0	Cotoneaster tomentosus	12.0



Brachypodium sylvaticum	12.0	Anthyllis vulneraria	12.0
Acer pseudoplatanus	12.0	Tortella tortuosa	11.0
Scabiosa columbaria	11.0	Pseudoscleropodium purum	11.0
Prunus mahaleb	11.0	Polygonatum odoratum	11.0
Phyteuma orbiculare	11.0	Melica nutans	11.0
Genista cinerea	11.0	Galium mollugo aggr.	11.0
Dactylis glomerata	11.0	Aphyllanthes monspeliensis	11.0
Acer campestre	11.0	Abies alba	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Pinus sylvestris	79.0	Pinus nigra	19.0
Buxus sempervirens	16.0	Erica carnea	11.0
Sesleria caerulea	8.0	Brachypodium pinnatum	8.0
Carex humilis	5.0		

**T37 - [G34c] Mediterranean montane Pinus sylvestris-Pinus nigra forest**

*Diagnostic species (phi coefficient \* 100)*

Pinus nigra	50.5	Cytisus balansae	41.6
Doronicum orientale	19.5	Ononis aragonensis	19.4
Arabis laxa	16.4	Luzula lactea	16.2
Erinacea anthyllis	16.2	Galium rotundifolium	16.1
Juniperus oxycedrus	15.2	Abies cephalonica	15.1
Galium peplidifolium	15.0		

*Constant species (occurrence frequencies)*

Pinus nigra	59.0	Pinus sylvestris	48.0
Avenella flexuosa	34.0	Juniperus communis subsp. communis	32.0
Pteridium aquilinum	29.0	Cytisus balansae	29.0
Hieracium murorum	24.0	Fagus sylvatica	22.0
Dactylis glomerata	22.0	Fragaria vesca	21.0
Rubus fruticosus aggr.	20.0	Veronica officinalis	19.0
Juniperus oxycedrus	19.0	Brachypodium sylvaticum	18.0
Cruciata glabra	17.0	Calluna vulgaris	17.0
Galium rotundifolium	16.0	Cytisus scoparius	16.0
Rubus idaeus	15.0	Vaccinium myrtillus	14.0
Rosa canina aggr.	14.0	Pilosella officinarum	14.0
Juniperus communis subsp. nana	14.0	Dicranum scoparium	14.0
Sorbus aria aggr.	13.0	Brachypodium pinnatum	13.0
Veronica chamaedrys	12.0	Teucrium scorodonia	12.0
Teucrium chamaedrys	12.0	Pseudoscleropodium purum	12.0
Crataegus monogyna	12.0	Sorbus aucuparia	11.0
Clinopodium vulgare	11.0	Buxus sempervirens	11.0
Amelanchier ovalis	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Pinus nigra	57.0	Pinus sylvestris	42.0
-------------	------	------------------	------

Avenella flexuosa	13.0	Pteridium aquilinum	7.0
Cytisus balansae	7.0	Buxus sempervirens	5.0

### T38 - [G34d] Mediterranean montane Cedrus forest

#### *Diagnostic species (phi coefficient \* 100)*

Cedrus libani	99.7	Asyneuma rigidum	75.1
Asperula cimulosa	74.8	Viola sieheana	72.8
Lathyrus hirsutus	72.0	Trifolium pannonicum	71.4
Berberis crataegina	64.7	Cyclamen coum	64.6
Helleborus orientalis	64.5	Trifolium physodes	62.6
Vicia tenuifolia	62.5	Lathyrus nissolia	61.7
Pinus nigra	56.8	Veronica pectinata	53.1
Teucrium kotschyianum	53.0	Lactuca hispida	53.0
Quercus alnifolia	52.7	Securigera cretica	52.6
Polygala anatolica	52.6	Ajuga orientalis	52.6
Polygala supina	52.2	Salvia tomentosa	51.5
Potentilla micrantha	46.4	Pinus brutia	45.1
Juniperus oxycedrus	42.8	Dorycnium pentaphyllum	41.8
Securigera varia	40.8	Syrmatium decumbens	37.5
Erysimum pycnophyllum	37.4	Asyneuma amplexicaule	37.4
Euphorbia kotschyana	37.1	Achillea grandifolia	36.7
Arabis laxa	36.6	Lecokia cretica	36.5
Pilosella auriculoides	36.2	Cotoneaster nummularius	36.0
Cistus creticus	34.8	Cephalanthera damasonium	34.7
Acer sempervirens	34.0	Arbutus andrachne	31.5
Prunus cerasifera	31.4	Crucianella latifolia	31.0
Crepis fraasii	30.9	Doronicum orientale	29.3
Brachypodium pinnatum	26.4	Trisetum flavescens	26.0
Sorbus torminalis	26.0	Filipendula vulgaris	21.5
Potentilla recta	21.4	Quercus petraea	19.5
Silene italica	19.2	Cynosurus echinatus	18.5
Galium verum	17.6	Clinopodium vulgare	17.3

#### *Constant species (occurrence frequencies)*

Cedrus libani	100.0	Pinus nigra	71.0
Viola sieheana	57.0	Vicia tenuifolia	57.0
Trifolium pannonicum	57.0	Securigera varia	57.0
Quercus petraea	57.0	Lathyrus hirsutus	57.0
Juniperus oxycedrus	57.0	Dorycnium pentaphyllum	57.0
Dactylis glomerata	57.0	Brachypodium pinnatum	57.0
Asyneuma rigidum	57.0	Asperula cimulosa	57.0
Trisetum flavescens	43.0	Trifolium physodes	43.0
Sorbus torminalis	43.0	Potentilla micrantha	43.0
Pinus sylvestris	43.0	Lathyrus nissolia	43.0
Helleborus orientalis	43.0	Galium verum	43.0
Cyclamen coum	43.0	Berberis crataegina	43.0

Vicia cracca	29.0	Veronica pectinata	29.0
Veronica chamaedrys	29.0	Teucrium kotschyannum	29.0
Securigera cretica	29.0	Salvia tomentosa	29.0
Quercus alnifolia	29.0	Polygala supina	29.0
Polygala anatolica	29.0	Poa nemoralis	29.0
Pinus brutia	29.0	Lactuca hispida	29.0
Filipendula vulgaris	29.0	Clinopodium vulgare	29.0
Cistus creticus	29.0	Cephalanthera damasonium	29.0
Arrhenatherum elatius	29.0	Ajuga orientalis	29.0
Trifolium medium	14.0	Teucrium chamaedrys	14.0
Syrmatium decumbens	14.0	Sorbus aria aggr.	14.0
Silene italica	14.0	Rubus fruticosus aggr.	14.0
Rosa canina aggr.	14.0	Pteridium aquilinum	14.0
Prunus cerasifera	14.0	Potentilla recta	14.0
Poa bulbosa	14.0	Neottia ovata	14.0
Luzula forsteri	14.0	Lecokia cretica	14.0
Pilosella auriculoides	14.0	Fraxinus ornus	14.0
Euphorbia kotschyana	14.0	Erysimum pycnophyllum	14.0
Doronicum orientale	14.0	Cynosurus echinatus	14.0
Crucianella latifolia	14.0	Crepis fraasii	14.0
Cotoneaster nummularius	14.0	Asyneuma amplexicaule	14.0
Arbutus andrachne	14.0	Arabis laxa	14.0
Achillea grandifolia	14.0	Acer sempervirens	14.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Cedrus libani	100.0	Vicia tenuifolia	29.0
Brachypodium pinnatum	14.0		

**T39 - [G36] Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest**

*Diagnostic species (phi coefficient \* 100)*

Pinus heldreichii	78.5	Pinus peuce	64.2
Daphne oleoides	40.1	Sesleria robusta	39.5
Hieracium pannosum	36.3	Juniperus communis subsp. nana	35.8
Minuartia baldaccii	35.1	Crocus veluchensis	35.1
Moehringia pendula	32.5	Campanula sparsa	29.4
Daphne blagayana	29.2	Geranium macrorrhizum	28.4
Aremonia agrimonoides	27.9	Asperula aristata	27.6
Wulfenia carinthiaca	27.1	Luzula luzulina	26.8
Bornmuellera tymphaea	26.8	Cyanus pindicola	26.3
Euphorbia amygdaloides	26.1	Pilosella cymosa	25.8
Campanula trichocalycina	25.6	Polygala nicaeensis aggr.	22.3
Verbascum nicolai	22.2	Dianthus integer	21.8
Achillea holosericea	21.4	Scabiosa taygetea	21.1
Cerastium moesiacum	20.2	Anthyllis aurea	20.1
Clinopodium alpinum	20.0	Silene multicaulis	19.8
Scabiosa cinerea	19.4	Veratrum album	19.3

Poa thessala	18.1	Calamagrostis arundinacea	17.7
Poa media	17.6	Cotoneaster integerrimus	17.6
Bromopsis cappadocica	17.4	Senecio squalidus subsp. rupestris	17.2
Pseudevernia furfuracea	17.2	Iberis sempervirens	17.1
Cytisus eriocarpus	16.8	Potentilla micrantha	16.6
Dianthus petraeus	16.4	Genista carinalis	15.9
Daphne mezereum	15.8	Thesium auriculatum	15.7
Stipa rechingeri	15.7	Primula kitaibeliana	15.7
Minuartia attica subsp. attica	15.7	Galium procurrens	15.7
Ferulago sylvatica	15.7	Centaurea lacerata	15.7
Bromopsis pindica	15.7	Arenaria gracilis	15.7
Stachys scardica	15.6	Rhynchosorys elephas	15.6
Pedicularis friderici-augusti	15.6	Luzula sylvatica	15.6
Genista sakellariadis	15.6	Buxus sempervirens	15.6
Helictochloa aetolica	15.6	Arabis bryoides	15.6
Gentianella crispata	15.5	Carum appuanum	15.5
Aurinia corymbosa	15.5	Amphoricarpos neumayerianus	15.5
Senecio thapsoides	15.4	Oxytropis urumovii	15.3
Odontarrhena heldreichii	15.3	Galium rotundifolium	15.3
Viola bertolonii	15.2	Sesleria juncifolia	15.2
Edraianthus tenuifolius	15.2	Alyssum scardicum	15.2
Trinia frigida	15.1	Poa pumila	15.1
Marrubium thessalum	15.1		
<i>Constant species (occurrence frequencies)</i>			
Pinus heldreichii	62.0	Euphorbia amygdaloides	50.0
Vaccinium myrtillus	48.0	Pinus peuce	42.0
Juniperus communis subsp. nana	38.0	Fragaria vesca	35.0
Fagus sylvatica	32.0	Picea abies	30.0
Calamagrostis arundinacea	30.0	Abies alba	28.0
Luzula sylvatica	25.0	Aremonia agrimonoides	25.0
Oxalis acetosella	22.0	Luzula luzuloides	22.0
Daphne oleoides	22.0	Daphne mezereum	22.0
Veronica chamaedrys	20.0	Veratrum album	20.0
Rubus idaeus	20.0	Lactuca muralis	20.0
Hieracium murorum	20.0	Dryopteris filix-mas	20.0
Buxus sempervirens	20.0	Thymus praecox	18.0
Sesleria robusta	18.0	Luzula luzulina	18.0
Homogyne alpina	18.0	Brachypodium pinnatum	18.0
Avenella flexuosa	18.0	Asperula aristata	18.0
Anemone nemorosa	18.0	Veronica officinalis	15.0
Lotus corniculatus	15.0	Juniperus communis subsp. communis	15.0
Hieracium pannosum	15.0	Helianthemum nummularium	15.0
Galium rotundifolium	15.0	Festuca heterophylla	15.0
Crocus veluchensis	15.0	Clinopodium alpinum	15.0
Viola reichenbachiana	12.0	Trifolium alpestre	12.0
Teucrium montanum	12.0	Primula veris	12.0
Potentilla micrantha	12.0	Poa nemoralis	12.0

Pilosella cymosa	12.0	Moehringia pendula	12.0
Minuartia baldaccii	12.0	Geranium sylvaticum aggr.	12.0
Geranium macrorrhizum	12.0	Gentiana asclepiadea	12.0
Campanula sparsa	12.0	Ajuga reptans	12.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Pinus heldreichii	62.0	Pinus peuce	38.0
Vaccinium myrtillus	22.0	Juniperus communis subsp. nana	10.0
Buxus sempervirens	10.0	Crocus veluchensis	8.0
Thymus praecox	5.0	Poa media	5.0
Picea abies	5.0	Festuca varia	5.0
Erica carnea	5.0	Calamagrostis arundinacea	5.0

**T3A - [G37] Mediterranean lowland to submontane Pinus forest**

*Diagnostic species (phi coefficient \* 100)*

Pinus halepensis	51.6	Pinus brutia	36.1
Quercus coccifera	31.3	Rosmarinus officinalis	30.8
Juniperus oxycedrus	30.5	Brachypodium retusum	29.9
Pistacia lentiscus	28.6	Cistus salviifolius	28.3
Phillyrea angustifolia	26.2	Cistus creticus	24.3
Smilax aspera	24.1	Pinus pinaster	23.9
Quercus ilex	23.8	Asparagus acutifolius	23.6
Staehelina dubia	22.6	Arbutus unedo	22.2
Pinus pinea	22.0	Lonicera implexa	22.0
Phillyrea latifolia	21.8	Rubia peregrina	21.7
Thymus vulgaris	21.4	Cistus albidus	21.0
Olea europaea	19.7	Myrtus communis	19.1
Styrax officinalis	18.2	Daphne gnidium	17.7
Aphyllanthes monspeliensis	17.6	Rhamnus alaternus	17.1
Clematis flammula	17.0	Dorycnium pentaphyllum	16.7
Rhaponticum coniferum	16.4	Erica multiflora	16.4
Lavandula stoechas	16.3	Helichrysum stoechas	16.2
Juniperus phoenicea	15.9	Erica manipuliflora	15.7
Cistus monspeliensis	15.7	Erica arborea	15.6
Arbutus andrachne	15.3		

*Constant species (occurrence frequencies)*

Pinus halepensis	55.0	Rubia peregrina	43.0
Brachypodium retusum	39.0	Juniperus oxycedrus	37.0
Quercus ilex	35.0	Pistacia lentiscus	34.0
Quercus coccifera	32.0	Asparagus acutifolius	32.0
Smilax aspera	31.0	Rosmarinus officinalis	29.0
Cistus salviifolius	29.0	Thymus vulgaris	25.0
Pinus pinaster	25.0	Dactylis glomerata	25.0
Phillyrea latifolia	24.0	Phillyrea angustifolia	24.0
Arbutus unedo	24.0	Quercus pubescens	22.0

Dorycnium pentaphyllum	21.0	Lonicera implexa	20.0
Erica arborea	18.0	Rhamnus alaternus	17.0
Pinus brutia	17.0	Cistus creticus	17.0
Olea europaea	16.0	Aphyllanthes monspeliensis	16.0
Teucrium polium aggr.	15.0	Teucrium chamaedrys	15.0
Staehelina dubia	15.0	Daphne gnidium	15.0
Clematis flammula	15.0	Carex halleriana	15.0
Rubus ulmifolius	14.0	Myrtus communis	14.0
Cistus albidus	14.0	Helichrysum stoechas	13.0
Hedera helix	13.0	Juniperus phoenicea	12.0
Cistus monspeliensis	12.0	Viburnum tinus	11.0
Sanguisorba minor	11.0	Ruscus aculeatus	11.0
Pistacia terebinthus	11.0	Crataegus monogyna	11.0
Calluna vulgaris	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Pinus halepensis	51.0	Pinus pinaster	22.0
Pinus brutia	16.0	Brachypodium retusum	10.0
Pinus pinea	9.0	Rosmarinus officinalis	8.0
Pistacia lentiscus	6.0	Erica arborea	6.0

**T3B - [G38] Pinus canariensis forest**

*Diagnostic species (phi coefficient \* 100)*

Pinus canariensis	99.4	Cytisus proliferus	74.4
Cistus symphytifolius	69.0	Adenocarpus viscosus	53.8
Asphodelus ramosus	46.5	Bystropogon origanifolius	46.0
Morella faya	44.2	Argyranthemum adauctum	43.2
Pterocephalus lasiospermus	42.6	Micromeria benthamii	39.7
Andryala pinnatifida	38.8	Davallia canariensis	38.3
Cistus monspeliensis	37.0	Cytisus supranubius	35.7
Ilex canariensis	34.8	Tolpis webbii	32.1
Erysimum scoparium	31.9	Hypericum canariense	31.6
Kleinia neriifolia	28.8	Erica arborea	28.0
Carlina xeranthemoides	28.0	Arbutus canariensis	27.7
Adenocarpus foliolosus	27.7	Hypericum xylosteifolium	27.6
Polypodium cambricum subsp. macaronesicum	27.4	Sonchus acaulis	27.3
Scrophularia glabrata	27.3	Euphorbia lamarckii	27.3
Micromeria hyssopifolia	26.2	Euphorbia regis-jubae	23.9
Micromeria pineolens	23.1	Genista stenopetala	23.1
Dichranthus plocamoides	23.1	Sonchus platylepis	23.1
Descurainia preauxiana	23.0	Allosorus fragilis	23.0
Lotus campylocladus	22.9	Descurainia gonzalesii	22.9
Lavandula minutolii	22.8	Paronychia canariensis	22.7
Hypericum reflexum	22.7	Descurainia bourgaeana	22.7
Bystropogon canariensis	22.7	Nepeta teydea	22.6

Aichryson laxum	22.6	Genista microphylla	22.4
Visnea mocanera	22.2	Ferula linkii	22.1
Sonchus pinnatus	21.9	Galium scabrum	21.6
Ranunculus cortusifolius	21.4	Carlina salicifolia	21.4
Lavandula canariensis	21.2	Micromeria varia	20.7
Opuntia ficus-indica	19.6	Adenocarpus complicatus	17.5
Pleiomeris canariensis	16.4	Lotus pyranthus	16.4
Lotus holosericus	16.4	Echium webbii	16.4
Aeonium rubrolineatum	16.4	Sonchus canariensis	16.3
Sideritis soluta	16.3	Micromeria lepida	16.3
Micromeria lanata	16.3	Aeonium spathulatum	16.3
Tolpis proustii	16.2	Sideritis roteneriffae	16.2
Rostraria pumila	16.2	Festuca agustinii	16.2
Echium onosmifolium	16.2	Cytisus filipes	16.2
Cistus osbeckiifolius	16.2	Cistus chinamadensis	16.2
Argyranthemum callichrysum	16.2	Aeonium aureum	16.2
Todaroa aurea	16.1	Aeonium ciliatum	16.1
Aeonium castello-paivae	16.0	Brachypodium arbuscula	15.9
Micromeria lachnophylla	15.8	Aeonium lindleyi	15.8
Micromeria herpyllomorpha	15.7	Phagnalon purpurascens	15.7
Echium aculeatum	15.6	Cedronella canariensis	15.6
Rumex maderensis	15.5	Kickxia scoparia	15.4
Echium virescens	15.4	Arrhenatherum calderae	15.4
Pericallis tussilaginis	15.3	Euphorbia berthelotii	15.3
Apollonias barbujana	15.3	Daphne gnidium	15.1
Agave americana	15.0		
<i>Constant species (occurrence frequencies)</i>			
Pinus canariensis	100.0	Cytisus proliferus	57.0
Cistus symphytifolius	49.0	Asphodelus ramosus	43.0
Erica arborea	35.0	Cistus monspeliensis	32.0
Adenocarpus viscosus	30.0	Morella faya	22.0
Bystropogon origanifolius	22.0	Pterocephalus lasiospermus	19.0
Argyranthemum adauctum	19.0	Pteridium aquilinum	16.0
Micromeria benthamii	16.0	Davallia canariensis	16.0
Andryala pinnatifida	16.0	Ilex canariensis	14.0
Daphne gnidium	14.0	Cytisus supranubius	14.0
Tolpis webbii	11.0	Rubus ulmifolius	11.0
Kleinia neriifolia	11.0	Hypericum canariense	11.0
Erysimum scoparium	11.0	Brachypodium sylvaticum	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Pinus canariensis	92.0	Cistus symphytifolius	24.0
Cytisus proliferus	22.0	Erica arborea	16.0
Cistus monspeliensis	11.0	Lotus campylocladus	5.0
Adenocarpus foliolosus	5.0		

### T3C - [G39a] *Taxus baccata* forest

#### *Diagnostic species (phi coefficient \* 100)*

<i>Taxus baccata</i>	85.6	<i>Cyclamen repandum</i>	34.0
<i>Arenaria balearica</i>	28.7	<i>Glechoma sardoa</i>	22.9
<i>Cymbalaria aequitriloba</i>	22.9	<i>Stachys corsica</i>	21.0
<i>Asplenium adiantum-nigrum</i> subsp. onopteris	20.1	<i>Galium scabrum</i>	19.8
<i>Geranium lucidum</i>	19.0	<i>Acer monspessulanum</i>	18.5
<i>Hedera helix</i>	18.2	<i>Ilex aquifolium</i>	17.6
<i>Acer opalus</i> aggr.	17.5	<i>Daphne laureola</i>	17.4
<i>Rhamnus alpina</i>	17.1	<i>Quercus ilex</i>	17.1
<i>Quercus congesta</i>	16.9	<i>Hypochaeris robertia</i>	16.6
<i>Ribes multiflorum</i>	16.3	<i>Helleborus lividus</i>	16.1
<i>Geranium lanuginosum</i>	16.1	<i>Arenaria bertolonii</i>	15.8
<i>Euonymus latifolius</i>	15.1		

#### *Constant species (occurrence frequencies)*

<i>Taxus baccata</i>	100.0	<i>Hedera helix</i>	66.0
<i>Ilex aquifolium</i>	39.0	<i>Viola reichenbachiana</i>	34.0
<i>Fagus sylvatica</i>	34.0	<i>Mercurialis perennis</i>	31.0
<i>Rubus fruticosus</i> aggr.	27.0	<i>Quercus ilex</i>	26.0
<i>Lactuca muralis</i>	26.0	<i>Sorbus aria</i> aggr.	24.0
<i>Cyclamen repandum</i>	24.0	<i>Fraxinus excelsior</i>	23.0
<i>Corylus avellana</i>	23.0	<i>Daphne laureola</i>	20.0
<i>Ruscus aculeatus</i>	19.0	<i>Dryopteris filix-mas</i>	19.0
<i>Dioscorea communis</i>	19.0	<i>Crataegus monogyna</i>	19.0
<i>Rubia peregrina</i>	17.0	<i>Brachypodium sylvaticum</i>	17.0
<i>Asplenium adiantum-nigrum</i> subsp. onopteris	17.0	<i>Acer opalus</i> aggr.	17.0
<i>Acer pseudoplatanus</i>	16.0	<i>Acer monspessulanum</i>	16.0
<i>Sambucus nigra</i>	14.0	<i>Melica uniflora</i>	14.0
<i>Hepatica nobilis</i>	14.0	<i>Fragaria vesca</i>	14.0
<i>Euphorbia amygdaloides</i>	14.0	<i>Clematis vitalba</i>	14.0
<i>Asplenium trichomanes</i>	14.0	<i>Viola alba</i>	13.0
<i>Sanicula europaea</i>	13.0	<i>Quercus petraea</i>	13.0
<i>Pteridium aquilinum</i>	13.0	<i>Ligustrum vulgare</i>	13.0
<i>Geranium robertianum</i>	13.0	<i>Eurhynchium striatum</i>	13.0
<i>Carpinus betulus</i>	13.0	<i>Arum maculatum</i>	13.0
<i>Solidago virgaurea</i>	11.0	<i>Phillyrea latifolia</i>	11.0
<i>Hieracium murorum</i>	11.0	<i>Acer platanoides</i>	11.0

#### *Dominant species (percentage frequencies of occurrences with cover > 25%)*

<i>Taxus baccata</i>	100.0	<i>Hedera helix</i>	9.0
<i>Fagus sylvatica</i>	9.0	<i>Ilex aquifolium</i>	6.0

### T3D - [G39b] Mediterranean Cupressaceae forest



*Diagnostic species (phi coefficient \* 100)*

Cupressus sempervirens	61.6	Juniperus thurifera	49.4
Juniperus foetidissima	43.8	Hypericum empetrifolium	37.3
Crepis fraasii	34.8	Quercus coccifera	34.0
Achnatherum bromoides	33.6	Centaurea raphanina	33.1
Festuca jeanpertii	31.0	Drimia maritima	29.2
Pinus brutia	29.0	Juniperus excelsa	28.8
Scaligeria napiformis	27.8	Rhamnus lycioides	27.5
Juniperus oxycedrus	26.8	Galium monachinii	25.6
Daphne oleoides	25.6	Lamyropsis cynaroides	25.1
Asparagus aphyllus	25.1	Astracantha rumelica	24.3
Micromeria juliana	24.2	Acer sempervirens	22.7
Crucianella imbricata	22.1	Pterocephalus perennis	21.9
Asperula rigida	21.7	Teucrium microphyllum	21.5
Asperula pubescens	21.4	Salvia fruticosa	21.3
Ballota acetabulosa	21.2	Melica ciliata	20.9
Cerastium candidissimum	20.4	Luzula nodulosa	20.1
Arabis verna	20.1	Trifolium physodes	19.8
Leontodon tuberosus	19.7	Juniperus drupacea	19.7
Geranium purpureum	19.7	Salvia pomifera	19.5
Campanula spatulata	19.3	Rubia tenuifolia	19.2
Cerastium scaposum	19.2	Erysimum pusillum	19.0
Selaginella denticulata	18.9	Brachypodium retusum	18.8
Ornithogalum montanum	18.6	Centaurea idaea	18.6
Berberis cretica	18.6	Eryngium amethystinum	18.1
Cyclamen creticum	18.1	Sedum amplexicaule	18.0
Carlina graeca	17.6	Cistus creticus	17.5
Tolpis virgata	17.4	Homalothecium aureum	17.1
Silene sieberi	16.9	Leontodon graecus	16.9
Rosa pulverulenta	16.8	Myosotis refracta	16.7
Malcolmia graeca	16.6	Cirsium morinifolium	16.6
Orchis anatolica	16.4	Abies cephalonica	16.4
Phlomis fruticosa	16.1	Orchis quadripunctata	16.0
Phlomis lanata	15.9	Juniperus sabina	15.9
Astragalus depressus	15.9	Teucrium divaricatum	15.4
Taraxacum sect. Scariosa	15.4	Polygala venulosa	15.4
Phlomis cretica	15.3	Anemone blanda	15.3
Aethionema saxatile	15.3	Poa bulbosa	15.2

*Constant species (occurrence frequencies)*

Dactylis glomerata	42.0	Cupressus sempervirens	41.0
Quercus coccifera	38.0	Juniperus oxycedrus	34.0
Juniperus thurifera	27.0	Brachypodium retusum	25.0
Achnatherum bromoides	21.0	Poa bulbosa	20.0
Juniperus foetidissima	20.0	Hypericum empetrifolium	20.0
Melica ciliata	19.0	Drimia maritima	19.0
Teucrium chamaedrys	17.0	Rhamnus lycioides	17.0

Crepis fraasii	17.0	Teucrium polium aggr.	15.0
Pinus brutia	15.0	Geranium purpureum	15.0
Centaurea raphanina	15.0	Asparagus aphyllus	14.0
Juniperus communis subsp. nana	13.0	Cistus creticus	13.0
Scaligeria napiformis	12.0	Festuca jeanpertia	12.0
Daphne oleoides	12.0	Asparagus acutifolius	12.0
Quercus pubescens	11.0	Pistacia lentiscus	11.0
Pinus nigra	11.0	Olea europaea	11.0
Genista scorpius	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Cupressus sempervirens	39.0	Juniperus thurifera	24.0
Juniperus foetidissima	18.0	Juniperus excelsa	9.0
Juniperus phoenicea	6.0	Juniperus communis subsp. nana	6.0
Juniperus sabina	5.0	Juniperus oxycedrus	5.0

**T3E - [G39c] Macaronesian Juniperus forest**

*Diagnostic species (phi coefficient \* 100)*

Juniperus cedrus	99.9	Adenocarpus viscosus	65.9
Cytisus supranubius	56.9	Euphorbia regis-jubae	54.9
Micromeria lachnophylla	46.8	Cheirolophus teydis	46.8
Asparagus umbellatus	46.3	Pterocephalus lasiospermus	46.2
Scilla haemorrhoidalis	46.0	Micromeria varia	45.6
Pinus canariensis	44.6	Periploca angustifolia	44.4
Kleinia neriifolia	43.9	Piptatherum coerulescens	40.2
Hyparrhenia hirta	34.3	Aeonium pseudourbicum	33.2
Sideritis dendrochahorra	33.1	Seseli webbii	33.1
Polystichum falcinellum	33.1	Plantago webbii	33.1
Parietaria mauritanica	33.1	Festuca jubata	33.1
Cistus osbeckiifolius	33.1	Armeria maderensis	33.1
Pimpinella cumbrae	33.0	Justicia hyssopifolia	33.0
Genista tenera	33.0	Allosorus fragilis	33.0
Sideritis candicans	32.9	Lotus campylocladus	32.9
Argyranthemum tenerifae	32.9	Argyranthemum gracile	32.9
Aeonium lindleyi	32.9	Aeonium canariense	32.9
Paronychia canariensis	32.8	Allagopappus canariensis	32.8
Convolvulus floridus	32.7	Asparagus arborescens	32.7
Arrhenatherum calderae	32.7	Ilex perado	32.6
Helichrysum melaleucum	32.6	Tolpis webbii	32.4
Jasminum odoratissimum	32.4	Ferula linkii	32.4
Bystropogon organifolius	32.4	Scrophularia glabrata	32.2
Erysimum scoparium	32.2	Cosentinia vellea	32.2
Plantago arborescens	32.0	Limonium pectinatum	31.9
Carlina salicifolia	31.9	Lavandula canariensis	31.7
Aristida adscensionis	31.4	Argyranthemum frutescens	31.4
Prunus dulcis	31.0	Paragymnopteris marantae	31.0

Davallia canariensis	30.9	Cytisus proliferus	30.6
Opuntia ficus-indica	30.4	Rubia fruticosa	29.8
Asphodelus ramosus	27.2	Suaeda vera	24.6
Drimia maritima	18.7	Erica arborea	18.2
Agrostis castellana	17.6	Dittrichia viscosa	15.9
<i>Constant species (occurrence frequencies)</i>			
Juniperus cedrus	100.0	Adenocarpus viscosus	44.0
Euphorbia regis-jubae	33.0	Cytisus supranubius	33.0
Scilla haemorrhoidalis	22.0	Pterocephalus lasiospermus	22.0
Piptatherum coerulescens	22.0	Pinus canariensis	22.0
Periploca angustifolia	22.0	Micromeria varia	22.0
Micromeria lachnophylla	22.0	Kleinia neriifolia	22.0
Cheirolophus teydis	22.0	Hyparrhenia hirta	22.0
Erica arborea	22.0	Asphodelus ramosus	22.0
Asparagus umbellatus	22.0	Tolpis webbii	11.0
Suaeda vera	11.0	Sideritis dendrochahorra	11.0
Sideritis candicans	11.0	Seseli webbii	11.0
Scrophularia glabrata	11.0	Rubia fruticosa	11.0
Prunus dulcis	11.0	Polystichum falcinellum	11.0
Plantago webbii	11.0	Plantago arborescens	11.0
Pimpinella cumbrae	11.0	Paronychia canariensis	11.0
Parietaria mauritanica	11.0	Paragymnopteris marantae	11.0
Opuntia ficus-indica	11.0	Lotus campylocladus	11.0
Limonium pectinatum	11.0	Lavandula canariensis	11.0
Justicia hyssopifolia	11.0	Jasminum odoratissimum	11.0
Ilex perado	11.0	Helichrysum melaleucum	11.0
Genista tenera	11.0	Festuca jubata	11.0
Ferula linkii	11.0	Erysimum scoparium	11.0
Drimia maritima	11.0	Dittrichia viscosa	11.0
Davallia canariensis	11.0	Cytisus proliferus	11.0
Cosentinia vellea	11.0	Convolvulus floridus	11.0
Cistus osbeckiifolius	11.0	Carlina salicifolia	11.0
Bystropogon organifolius	11.0	Bituminaria bituminosa	11.0
Asparagus arborescens	11.0	Arrhenatherum calderae	11.0
Armeria maderensis	11.0	Aristida adscensionis	11.0
Argyranthemum tenerifae	11.0	Argyranthemum gracile	11.0
Argyranthemum frutescens	11.0	Allosorus fragilis	11.0
Allagopappus canariensis	11.0	Agrostis castellana	11.0
Aeonium pseudourbicum	11.0	Aeonium lindleyi	11.0
Aeonium canariense	11.0		
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Juniperus cedrus	100.0	Micromeria lachnophylla	22.0
Plantago webbii	11.0	Hyparrhenia hirta	11.0
Erica arborea	11.0	Cytisus supranubius	11.0
Cistus osbeckiifolius	11.0	Adenocarpus viscosus	11.0

### T3F - [G3A] Dark taiga

#### *Diagnostic species (phi coefficient \* 100)*

Hylocomium splendens	34.1	Trientalis europaea	32.3
Linnaea borealis	31.4	Pleurozium schreberi	30.4
Ptilium crista-castrensis	29.6	Picea abies	29.0
Vaccinium vitis-idaea	27.3	Luzula pilosa	26.2
Betula pubescens	24.9	Vaccinium myrtillus	24.2
Sorbus aucuparia	24.0	Maianthemum bifolium	23.9
Avenella flexuosa	20.2	Gymnocarpium dryopteris	19.4
Melampyrum pratense	19.3	Lycopodium annotinum	17.8
Equisetum sylvaticum	17.4	Polytrichum commune	16.6
Rubus saxatilis	16.3	Melampyrum sylvaticum	16.0

#### *Constant species (occurrence frequencies)*

Picea abies	98.0	Pleurozium schreberi	89.0
Hylocomium splendens	88.0	Vaccinium myrtillus	87.0
Sorbus aucuparia	80.0	Vaccinium vitis-idaea	73.0
Avenella flexuosa	71.0	Betula pubescens	66.0
Luzula pilosa	56.0	Trientalis europaea	54.0
Pinus sylvestris	53.0	Maianthemum bifolium	51.0
Melampyrum pratense	41.0	Oxalis acetosella	35.0
Linnaea borealis	35.0	Ptilium crista-castrensis	34.0
Solidago virgaurea	32.0	Polytrichum commune	32.0
Rubus idaeus	29.0	Gymnocarpium dryopteris	26.0
Equisetum sylvaticum	24.0	Betula pendula	24.0
Juniperus communis subsp. communis	23.0	Calamagrostis arundinacea	23.0
Rubus saxatilis	21.0	Populus tremula	20.0
Lycopodium annotinum	19.0	Melampyrum sylvaticum	18.0
Orthilia secunda	16.0	Frangula alnus	16.0
Epilobium angustifolium	16.0	Empetrum nigrum aggr.	16.0
Deschampsia cespitosa	16.0	Calluna vulgaris	16.0
Pteridium aquilinum	15.0	Anemone nemorosa	14.0
Rhytidadelphus triquetrus	13.0	Potentilla erecta	13.0
Geranium sylvaticum aggr.	13.0	Carex digitata	13.0
Dryopteris carthusiana	12.0	Dicranum scoparium	12.0
Dicranum polysetum	11.0	Corylus avellana	11.0
Carex globularis	11.0		

#### *Dominant species (percentage frequencies of occurrences with cover > 25%)*

Picea abies	98.0	Hylocomium splendens	16.0
Pleurozium schreberi	15.0	Vaccinium myrtillus	9.0

### T3G - [G3B] Pinus sylvestris light taiga

#### *Diagnostic species (phi coefficient \* 100)*

Vaccinium vitis-idaea	34.3	Pleurozium schreberi	32.5
Pinus sylvestris	31.6	Hylocomium splendens	29.0
Vaccinium myrtillus	25.0	Ptilium crista-castrensis	23.8
Picea abies	23.4	Betula pubescens	23.0
Empetrum nigrum aggr.	22.4	Melampyrum pratense	21.7
Cladonia stellaris	20.8	Linnaea borealis	20.3
Luzula pilosa	17.9	Trientalis europaea	17.5
Juniperus communis subsp. communis	17.5	Avenella flexuosa	17.1
Calluna vulgaris	16.6	Sorbus aucuparia	15.2
<i>Constant species (occurrence frequencies)</i>			
Pinus sylvestris	100.0	Pleurozium schreberi	93.0
Vaccinium vitis-idaea	89.0	Vaccinium myrtillus	89.0
Picea abies	81.0	Hylocomium splendens	75.0
Avenella flexuosa	62.0	Betula pubescens	61.0
Sorbus aucuparia	54.0	Calluna vulgaris	54.0
Melampyrum pratense	45.0	Empetrum nigrum aggr.	41.0
Juniperus communis subsp. communis	40.0	Luzula pilosa	39.0
Trientalis europaea	30.0	Betula pendula	29.0
Vaccinium uliginosum	27.0	Ptilium crista-castrensis	27.0
Polytrichum commune	25.0	Linnaea borealis	23.0
Maianthemum bifolium	21.0	Solidago virgaurea	20.0
Populus tremula	19.0	Epilobium angustifolium	18.0
Rubus idaeus	15.0	Dicranum polysetum	15.0
Calamagrostis arundinacea	15.0	Frangula alnus	14.0
Cladonia stellaris	13.0	Aulacomnium palustre	13.0
Rhododendron tomentosum	12.0	Pteridium aquilinum	12.0
Eriophorum vaginatum	11.0	Carex globularis	11.0
<i>Dominant species (percentage frequencies of occurrences with cover &gt; 25%)</i>			
Pinus sylvestris	88.0	Pleurozium schreberi	28.0
Hylocomium splendens	10.0	Vaccinium myrtillus	9.0

### **T3H - [G3C] Larix light taiga**

<i>Diagnostic species (phi coefficient * 100)</i>			
Larix sibirica	98.8	Rosa acicularis	68.8
Clematis alpina	67.9	Rubus arcticus	61.0
Saussurea alpina aggr.	58.8	Cirsium heterophyllum aggr.	57.3
Carex vaginata	50.6	Linnaea borealis	47.2
Aconitum lycoctonum	47.1	Epilobium angustifolium	46.4
Lathyrus vernus	46.0	Crepis sibirica	45.7
Vicia sylvatica	42.2	Geranium sylvaticum aggr.	42.2
Moehringia lateriflora	41.6	Rubus saxatilis	40.4
Rhodobryum roseum	40.3	Conioselinum tataricum	39.7
Equisetum pratense	38.4	Galium boreale	37.9
Lonicera caerulea	37.6	Dicranum majus	35.1

Melica nutans	34.5	Lycopodium annotinum	34.1
Viola mirabilis	33.9	Pyrola rotundifolia	33.8
Paeonia anomala	33.2	Usnea hirta	33.1
Hieracium pseudirectum	33.0	Trientalis europaea	31.9
Hypogymnia tubulosa	31.1	Evernia mesomorpha	30.9
Thalictrum minus	30.8	Delphinium elatum	30.6
Vulpicidia pinastris	30.2	Pseudevernia furfuracea	30.1
Betula pubescens	29.9	Parmelia sulcata	29.6
Aconogonon alpinum	28.2	Ptilidium pulcherrimum	27.5
Vaccinium vitis-idaea	27.1	Orthodicranum montanum	27.1
Trollius europaeus	26.9	Thalictrum simplex	26.9
Brachythecium reflexum	26.5	Luzula pilosa	25.7
Hylocomium splendens	25.3	Orthilia secunda	24.7
Silene repens	24.1	Chaenotheca chrysocephala	24.1
Calicium viride	24.1	Cladonia bacilliformis	24.0
Solidago virgaurea	23.8	Buellia disciformis	23.8
Usnea glabrata	23.7	Physcia aipolia	23.7
Melanelia subaurifera	23.7	Hypocenomyce scalaris	23.5
Dicranum fragilifolium	23.5	Pylaisiella polyantha	23.3
Melanelia exasperatula	23.2	Seseli krylovii	23.1
Melanelia olivacea	23.0	Lecanora symmicta	23.0
Lactuca macrophylla	23.0	Lathyrus gmelinii	22.9
Valeriana wolgensis	22.8	Lecanora allophana	22.7
Calamagrostis obtusata	22.6	Sciuro-hypnum starkii	22.4
Juniperus communis subsp. communis	22.4	Stellaria bungeana	22.3
Buellia punctata	22.3	Parmeliopsis ambigua	21.5
Eurhynchiastrum pulchellum	21.4	Cirriphyllum piliferum	21.4
Sanionia uncinata	21.3	Parasenecio hastatus	21.3
Geranium pseudosibiricum	21.0	Plagiothecium laetum	20.7
Adenophora liliifolia	20.7	Pleurozium schreberi	20.5
Pinus sibirica	20.5	Gymnocarpium dryopteris	20.5
Hypnum pallescens	20.3	Hypogymnia physodes	20.2
Brachythecium salebrosum	20.0	Vicia sepium	19.8
Lathyrus pisiformis	19.5	Cladonia cenotea	19.5
Brachythecium oedipodium	19.5	Cladonia digitata	19.1
Pyrola media	18.9	Bupleurum longifolium	18.7
Veratrum lobelianum	18.4	Dicranum fuscescens	18.3
Maianthemum bifolium	18.0	Elymus caninus	18.0
Crepis praemorsa aggr.	17.7	Rosa majalis	16.9
Pulsatilla patens	16.8	Vaccinium myrtillus	16.6
Daphne mezereum	16.5	Picea obovata	16.1
Milium effusum	16.0	Abies sibirica	15.9
Rhytidiadelphus triquetrus	15.8	Mnium spinosum	15.2
Angelica sylvestris	15.2	Oxalis acetosella	15.1
Hieracium umbellatum	15.1	Dicranum polysetum	15.0
<i>Constant species (occurrence frequencies)</i>			
Larix sibirica	100.0	Epilobium angustifolium	82.0

<i>Betula pubescens</i>	82.0	<i>Vaccinium vitis-idaea</i>	76.0
<i>Lathyrus vernus</i>	71.0	<i>Hylocomium splendens</i>	71.0
<i>Vaccinium myrtillus</i>	65.0	<i>Pleurozium schreberi</i>	65.0
<i>Linnaea borealis</i>	65.0	<i>Geranium sylvaticum</i> aggr.	65.0
<i>Clematis alpina</i>	65.0	<i>Trientalis europaea</i>	59.0
<i>Solidago virgaurea</i>	59.0	<i>Rubus saxatilis</i>	59.0
<i>Melica nutans</i>	59.0	<i>Luzula pilosa</i>	59.0
<i>Rosa acicularis</i>	53.0	<i>Juniperus communis</i> subsp. <i>communis</i>	53.0
<i>Cirsium heterophyllum</i> aggr.	53.0	<i>Avenella flexuosa</i>	53.0
<i>Saussurea alpina</i> aggr.	47.0	<i>Rubus arcticus</i>	47.0
<i>Oxalis acetosella</i>	47.0	<i>Galium boreale</i>	47.0
<i>Aconitum lycoctonum</i>	47.0	<i>Maianthemum bifolium</i>	41.0
<i>Lycopodium annotinum</i>	41.0	<i>Vicia sepium</i>	35.0
<i>Sorbus aucuparia</i>	35.0	<i>Pinus sylvestris</i>	35.0
<i>Equisetum pratense</i>	35.0	<i>Carex vaginata</i>	35.0
<i>Angelica sylvestris</i>	35.0	<i>Viola mirabilis</i>	29.0
<i>Vicia sylvatica</i>	29.0	<i>Trollius europaeus</i>	29.0
<i>Thalictrum minus</i>	29.0	<i>Rhytiadelphus triquetrus</i>	29.0
<i>Rhodobryum roseum</i>	29.0	<i>Populus tremula</i>	29.0
<i>Polytrichum commune</i>	29.0	<i>Orthilia secunda</i>	29.0
<i>Milium effusum</i>	29.0	<i>Melampyrum pratense</i>	29.0
<i>Gymnocarpium dryopteris</i>	29.0	<i>Dicranum scoparium</i>	29.0
<i>Dicranum majus</i>	29.0	<i>Pyrola rotundifolia</i>	24.0
<i>Poa nemoralis</i>	24.0	<i>Paris quadrifolia</i>	24.0
<i>Lonicera caerulea</i>	24.0	<i>Lathyrus pratensis</i>	24.0
<i>Fragaria vesca</i>	24.0	<i>Filipendula ulmaria</i>	24.0
<i>Daphne mezereum</i>	24.0	<i>Crepis sibirica</i>	24.0
<i>Calamagrostis arundinacea</i>	24.0	<i>Salix caprea</i>	18.0
<i>Rubus idaeus</i>	18.0	<i>Ptilium crista-castrensis</i>	18.0
<i>Picea abies</i>	18.0	<i>Moehringia trinervia</i>	18.0
<i>Moehringia lateriflora</i>	18.0	<i>Hieracium umbellatum</i>	18.0
<i>Equisetum sylvaticum</i>	18.0	<i>Elymus caninus</i>	18.0
<i>Dryopteris filix-mas</i>	18.0	<i>Dicranum polysetum</i>	18.0
<i>Conioselinum tataricum</i>	18.0	<i>Cirriphyllum piliferum</i>	18.0
<i>Carex digitata</i>	18.0	<i>Anthriscus sylvestris</i>	18.0
<i>Vulpicidia pinastri</i>	12.0	<i>Veratrum lobelianum</i>	12.0
<i>Vaccinium uliginosum</i>	12.0	<i>Usnea hirta</i>	12.0
<i>Thalictrum simplex</i>	12.0	<i>Stellaria nemorum</i>	12.0
<i>Stellaria holostea</i>	12.0	<i>Stachys sylvatica</i>	12.0
<i>Sanionia uncinata</i>	12.0	<i>Ribes rubrum</i> aggr.	12.0
<i>Ptilidium pulcherrimum</i>	12.0	<i>Pseudevernia furfuracea</i>	12.0
<i>Plagiothecium laetum</i>	12.0	<i>Peucedanum palustre</i>	12.0
<i>Parmelia sulcata</i>	12.0	<i>Paeonia anomala</i>	12.0
<i>Orthodicranum montanum</i>	12.0	<i>Melampyrum sylvaticum</i>	12.0
<i>Hypogymnia tubulosa</i>	12.0	<i>Hypogymnia physodes</i>	12.0
<i>Hieracium pseudirectum</i>	12.0	<i>Festuca ovina</i>	12.0
<i>Evernia mesomorpha</i>	12.0	<i>Dryopteris carthusiana</i>	12.0
<i>Dicranum fuscescens</i>	12.0	<i>Delphinium elatum</i>	12.0

Dactylis glomerata	12.0	Climacium dendroides	12.0
Campanula glomerata	12.0	Brachythecium salebrosum	12.0
Brachythecium reflexum	12.0	Brachythecium oedipodium	12.0
Brachypodium pinnatum	12.0	Aegopodium podagraria	12.0
Adoxa moschatellina	12.0	Aconogonon alpinum	12.0
Acer platanoides	12.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Larix sibirica	100.0	Hylocomium splendens	41.0
Pleurozium schreberi	29.0	Vaccinium vitis-idaea	18.0
Juniperus communis subsp. communis	18.0	Rhytidiadelphus triquetrus	12.0
Picea abies	12.0	Maianthemum bifolium	12.0
Vaccinium myrtillus	6.0	Ulmus glabra	6.0
Polytrichum commune	6.0	Picea obovata	6.0
Oxalis acetosella	6.0	Mercurialis perennis	6.0
Luzula pilosa	6.0	Gymnocarpium dryopteris	6.0
Calamagrostis arundinacea	6.0	Betula pubescens	6.0
Avenella flexuosa	6.0	Anemone ranunculoides	6.0

**T3J - [G3Da] Pinus and Larix mire forest**

*Diagnostic species (phi coefficient \* 100)*

Rhododendron tomentosum	42.8	Eriophorum vaginatum	39.1
Vaccinium uliginosum	38.7	Andromeda polifolia	34.3
Rubus chamaemorus	31.3	Sphagnum magellanicum	29.8
Sphagnum angustifolium	29.8	Vaccinium oxycoccus	28.5
Sphagnum fuscum	28.4	Polytrichum strictum	28.0
Empetrum nigrum aggr.	27.9	Pinus sylvestris	27.0
Betula nana	26.9	Vaccinium microcarpum	23.9
Carex globularis	23.8	Pleurozium schreberi	23.3
Vaccinium vitis-idaea	22.9	Aulacomnium palustre	21.1
Chamaedaphne calyculata	20.8	Betula pubescens	20.2
Sphagnum capillifolium	18.2	Cladonia rangiferina	18.1
Vaccinium myrtillus	17.5	Sphagnum russowii	16.7
Calluna vulgaris	16.7	Polytrichum commune	15.3

*Constant species (occurrence frequencies)*

Pinus sylvestris	89.0	Pleurozium schreberi	71.0
Vaccinium uliginosum	70.0	Eriophorum vaginatum	69.0
Vaccinium myrtillus	66.0	Vaccinium vitis-idaea	63.0
Calluna vulgaris	55.0	Betula pubescens	55.0
Empetrum nigrum aggr.	52.0	Andromeda polifolia	52.0
Picea abies	51.0	Rhododendron tomentosum	47.0
Vaccinium oxycoccus	42.0	Rubus chamaemorus	38.0
Sphagnum magellanicum	36.0	Aulacomnium palustre	36.0
Hylocomium splendens	34.0	Betula nana	32.0
Sphagnum angustifolium	31.0	Polytrichum strictum	31.0



Polytrichum commune	30.0	Carex globularis	23.0
Sphagnum fuscum	22.0	Molinia caerulea aggr.	21.0
Sphagnum capillifolium	20.0	Melampyrum pratense	20.0
Cladonia rangiferina	20.0	Drosera rotundifolia	19.0
Vaccinium microcarpum	16.0	Sphagnum fallax	15.0
Cladonia arbuscula	15.0	Avenella flexuosa	15.0
Sorbus aucuparia	14.0	Dicranum polysetum	14.0
Betula pendula	14.0	Chamaedaphne calyculata	13.0
Dicranum scoparium	13.0	Sphagnum russowii	12.0
Frangula alnus	12.0	Carex pauciflora	12.0
Pinus mugo	11.0	Juniperus communis subsp. communis	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Pinus sylvestris	62.0	Vaccinium myrtillus	15.0
Sphagnum angustifolium	14.0	Pleurozium schreberi	14.0
Sphagnum fuscum	11.0	Sphagnum magellanicum	10.0
Eriophorum vaginatum	10.0	Pinus mugo	9.0
Vaccinium uliginosum	7.0	Sphagnum capillifolium	7.0
Rhododendron tomentosum	7.0	Calluna vulgaris	7.0
Sphagnum fallax	6.0		

**T3K - [G3Db] Picea mire forest**

*Diagnostic species (phi coefficient \* 100)*

Sphagnum girgensohnii	37.3	Polytrichum commune	29.2
Picea abies	28.2	Vaccinium vitis-idaea	27.7
Vaccinium myrtillus	25.6	Equisetum sylvaticum	23.1
Carex globularis	22.7	Pleurozium schreberi	22.6
Hylocomium splendens	22.1	Lycopodium annotinum	21.1
Bazzania trilobata	20.9	Betula pubescens	20.0
Trientalis europaea	18.3	Sphagnum russowii	17.9
Neottia cordata	17.4	Rubus chamaemorus	17.1
Linnaea borealis	16.5		

*Constant species (occurrence frequencies)*

Picea abies	98.0	Vaccinium myrtillus	93.0
Vaccinium vitis-idaea	77.0	Pleurozium schreberi	70.0
Hylocomium splendens	61.0	Polytrichum commune	57.0
Betula pubescens	55.0	Sorbus aucuparia	52.0
Avenella flexuosa	45.0	Pinus sylvestris	40.0
Trientalis europaea	33.0	Equisetum sylvaticum	33.0
Dicranum scoparium	33.0	Sphagnum girgensohnii	32.0
Vaccinium uliginosum	28.0	Maianthemum bifolium	27.0
Eriophorum vaginatum	26.0	Melampyrum pratense	24.0
Aulacomnium palustre	24.0	Oxalis acetosella	23.0
Lycopodium annotinum	23.0	Carex globularis	23.0
Rubus chamaemorus	22.0	Empetrum nigrum aggr.	22.0

Linnaea borealis	20.0	Polytrichastrum formosum	19.0
Luzula pilosa	19.0	Calluna vulgaris	19.0
Molinia caerulea aggr.	18.0	Sphagnum magellanicum	17.0
Potentilla erecta	17.0	Orthilia secunda	16.0
Juniperus communis subsp. communis	16.0	Dryopteris carthusiana	16.0
Carex echinata	16.0	Sphagnum angustifolium	15.0
Dryopteris dilatata	15.0	Calamagrostis villosa	15.0
Solidago virgaurea	14.0	Ptilium crista-castrensis	14.0
Gymnocarpium dryopteris	14.0	Deschampsia cespitosa	14.0
Sphagnum russowii	13.0	Sphagnum capillifolium	13.0
Frangula alnus	13.0	Dicranum polysetum	13.0
Carex nigra	13.0	Homogyne alpina	12.0
Betula pendula	12.0	Bazzania trilobata	12.0
Rhytidadelphus triquetrus	11.0	Abies alba	11.0

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Picea abies	82.0	Vaccinium myrtillus	28.0
Sphagnum girgensohnii	20.0	Pleurozium schreberi	9.0
Sphagnum capillifolium	6.0	Hylocomium splendens	6.0
Sphagnum magellanicum	5.0		

**T3M - [G3F1] Coniferous plantation of non site-native trees**

*Diagnostic species (phi coefficient \* 100)*

Pseudotsuga menziesii	32.3	Pinus pinaster	21.5
Pinus contorta	16.7	Pseudoscleropodium purum	16.6
Rubus fruticosus aggr.	15.4	Ulex europaeus	15.0

*Constant species (occurrence frequencies)*

Rubus fruticosus aggr.	59.0	Quercus robur	40.0
Pinus sylvestris	36.0	Pteridium aquilinum	35.0
Avenella flexuosa	35.0	Betula pendula	34.0
Pseudoscleropodium purum	31.0	Hedera helix	28.0
Frangula alnus	28.0	Sorbus aucuparia	27.0
Polytrichastrum formosum	27.0	Picea abies	27.0
Molinia caerulea aggr.	26.0	Lonicera periclymenum	26.0
Calluna vulgaris	25.0	Pseudotsuga menziesii	24.0
Fagus sylvatica	23.0	Dicranum scoparium	22.0
Pinus pinaster	21.0	Ilex aquifolium	21.0
Corylus avellana	20.0	Vaccinium myrtillus	19.0
Teucrium scorodonia	19.0	Castanea sativa	19.0
Thuidium tamariscinum	18.0	Dryopteris carthusiana	18.0
Dryopteris dilatata	17.0	Cytisus scoparius	17.0
Quercus petraea	16.0	Pleurozium schreberi	16.0
Ulex europaeus	15.0	Crataegus monogyna	15.0
Rubus idaeus	14.0	Hypnum jutlandicum	14.0
Carex pilulifera	14.0	Sambucus nigra	13.0

Fraxinus excelsior	13.0	Dryopteris filix-mas	13.0
Erica cinerea	12.0	Salix caprea	11.0
Pinus nigra	11.0	Oxalis acetosella	11.0
Abies alba	11.0		

*Dominant species (percentage frequencies of occurrences with cover > 25%)*

Pseudotsuga menziesii	21.0	Pinus sylvestris	20.0
Pinus pinaster	19.0	Picea abies	19.0
Rubus fruticosus aggr.	16.0	Pteridium aquilinum	16.0
Pseudoscleropodium purum	12.0	Molinia caerulea aggr.	11.0
Pinus nigra	9.0	Hedera helix	7.0
Avenella flexuosa	7.0	Calluna vulgaris	6.0

## Appendix F: List of data providers

GIVD code	GIVD database name	Custodian	Deputy custodian	# of plots
00-00-004	Vegetation Database of Eurasian Tundra	Risto Virtanen		289
00-RU-001	Vegetation Database Forest of Southern Ural	Pavel Shirokikh		564
00-RU-005	Database of South Ural Order Arrhenatheretalia (merged with 00-RU-006)	Sergey Yamalov	Mariya Lebedeva	1018
00-TR-001	Forest Vegetation Database of Turkey - FVDT	Ali Kavgacı		743
AS-RU-005	Nenets Tundra	Igor Lavrinenko		97
AS-TR-001	Vegetation Database of the Grassland Communities in Anatolia	Deniz Işık Gürsoy	Didem Ambarlı	203
AS-TR-002	Vegetation Database of Oak Communities in Turkey	Emin Uğurlu		849
EU-00-002	Nordic-Baltic Grassland Vegetation Database (NBGVD)	Jürgen Dengler	Łukasz Kozub	4216
EU-00-004	Iberian and Macaronesian Vegetation Information System (SIVIM)	Xavier Font		4723
EU-00-004	SIVIM Alpine + SIVIM Macaronesian	Borja Jiménez-Alfaro	Xavier Font	4769
EU-00-004	SIVIM Deciduous forests	Juan Antonio Campos	Xavier Font	4035
EU-00-004	SIVIM Floodplain forests	Idoia Biurrun	Xavier Font	2826
EU-00-004	SIVIM Grasslands	Maria Pilar Rodríguez-Rojo	Xavier Font	6303
EU-00-004	SIVIM Sclerophyllous forests	Federico Fernández-González	Xavier Font	7976
EU-00-004	SIVIM Shrublands	Rosario G Gavilán	Xavier Font	2077
EU-00-004	SIVIM Wetlands	Aaron Pérez-Haase	Xavier Font	593
EU-00-011	Vegetation-Plot Database of the University of the Basque Country (BIOVEG)	Idoia Biurrun	Itziar García-Mijangos	9368
EU-00-013	Balkan Dry Grasslands Database	Kiril Vassilev	Armin Macanović	5349
EU-00-016	Mediterranean Ammophiletea database	Corrado Marcenò	Borja Jiménez-Alfaro	95
EU-00-017	European Coastal Vegetation Database	John Janssen		418
EU-00-018	The Nordic Vegetation Database	Jonathan Lenoir	Jens-Christian Svenning	4487
EU-00-019	Balkan Vegetation Database	Kiril Vassilev	Hristo Pedashenko	6521
EU-00-020	WetVegEurope	Flavia Landucci		472
EU-00-021	SE Europe forest database	Andraž Čarni		2293
EU-00-022	European Mire Vegetation Database	Tomáš Peterka	Martin Jiroušek	3438
EU-00-025	Gravel bar vegetation database	Veronika Kalníková	Helmut Kudrnovsky	385
EU-00-026	CircumMed+Euro Pine Forest database	Gianmaria Bonari		3464
EU-00-027	European Boreal Forest Vegetation Database	Anni Kanerva Pyykönen		5128
EU-00-028	European Weed Vegetation Database	Filip Kuzmič		1151
EU-AL-001	Vegetation Database of Albania	Michele De Sanctis	Giuliano Fanelli	189
EU-AT-001	Austrian Vegetation Database	Wolfgang Willner		31752
EU-BE-002	INBOVEG	Els De Bie		11276
EU-BG-001	Bulgarian Vegetation Database	Iva Apostolova	Desislava Sopotlieva	1976
EU-CZ-001	Czech National Phytosociological Database	Milan Chytrý	Ilona Knollová	47887
EU-DE-001	VegMV	Florian Jansen	Christian Berg	16603
EU-DE-013	VegetWeb Germany	Jörg Ewald	Florian Jansen	16178
EU-DE-014	German Vegetation Reference Database (GVRD)	Ute Jandt	Helge Bruehlheide	41819

EU-DE-020	German Grassland Vegetation Database (GrassVeg.DE)	Jürgen Dengler	Ricarda Pätsch	4591
EU-DE-035	Coastal Vegetation Germany	Maike Isermann	Florian Jansen	2275
EU-FR-003	SOPHY	Henry Brisse	Patrice de Ruffray	89839
EU-FR-005	EcoPlant	Jean-Claude Gégout	Ingrid Seynave	3044
EU-GB-001	UK National Vegetation Classification Database	John S. Rodwell		19244
EU-GR-001	KRITI	Erwin Bergmeier		1562
EU-GR-005	Hellenic Natura 2000 Vegetation Database (HelNatVeg)	Panayotis Dimopoulos	Ioannis Tsiripidis	3826
EU-GR-006 + EU-GR-007	Hellenic Woodland Database + Hellenic Beech Forests Database (Hell-Beech-DB)	Ioannis Tsiripidis		2095
EU-HR-001	Phytosociological Database of Non-Forest Vegetation in Croatia	Zvezdana Stančić		1845
EU-HR-002	Croatian Vegetation Database	Željko Škvorc	Daniel Krstonošić	4491
EU-HU-003	CoenoDat Hungarian Phytosociological Database	János Csiky	Zoltán Botta-Dukát	3692
EU-CH-005	Swiss Forest Vegetation Database	Thomas Wohlgemuth		9922
EU-CH-011	Monitoring Effectiveness of Habitat Conservation in Switzerland	Ariel Bergamini	Steffen Boch	16296
EU-IE-001	Irish Vegetation Database	Úna FitzPatrick	Lynda Weekes	12053
EU-IT-001	VegItaly	Roberto Venanzoni	Flavia Landucci	8968
EU-IT-010	Vegetation database of Habitats in the Italian Alps - HabItAlp	Laura Casella	Pierangela Angelini	2828
EU-IT-011	Vegetation Plot Database - Sapienza University of Rome	Emiliano Agrillo	Fabio Attorre	11927
EU-IT-019	VIOLA	Angela Stanisci	Alberto Evangelista	1014
EU-LT-001	Lithuanian vegetation Database	Valerius Rašomavičius	Domas Uogintas	3535
EU-LV-001	Semi-natural Grassland Vegetation Database of Latvia	Solvita Rūsiņa		4079
EU-MK-001	Vegetation Database of the Republic of Macedonia	Renata Čuštrevska		753
EU-NL-001	Dutch National Vegetation Database	Stephan Hennekens	Joop Schaminée	48197
EU-NL-003	Dutch Military Ranges Vegetation Database (DUMIRA)	Iris de Ronde	Rense Haveman	5843
EU-PL-001	Polish Vegetation Database	Zygmunt Kaćki	Grzegorz Swacha	33167
EU-PL-003	Forest Database of Southern Poland	Remigiusz Pielech		2742
EU-RO-007	Romanian Forest Database	Adrian Indreica	Pavel Dan Turtureanu	5472
EU-RO-008	Romanian Grassland Database	Eszter Ruprecht	Kiril Vassilev	14114
EU-RS-002	Vegetation Database Grassland Vegetation of Serbia	Svetlana Aćić	Zora Dajić Stevanović	3448
EU-RS-003 + EU-RS-004	Database of Forest Vegetation in Republic of Serbia + Vegetation Database of Northern Part of Serbia (AP Vojvodina)	Mirjana Krstivojević Čuk		2176
EU-RU-002	Lower Volga Valley Phytosociological Database	Valentin Golub	Viktoria Bondareva	3611
EU-RU-003	Vegetation Database of the Volga and the Ural Rivers Basins	Tatiana Lysenko		763
EU-RU-011	Vegetation Database of Tatarstan	Vadim Prokhorov		413
EU-RU-014	Temperate Forests of European Russia	Larisa Khanina	Maxim Bobrovsky	1704
EU-SI-001	Vegetation Database of Slovenia	Urban Šilc		5849
EU-SK-001	Slovak Vegetation Database	Milan Valachovič	Jozef Šibík	21033
EU-UA-001	Ukrainian Grassland Database	Anna Kuzemko	Yulia Vashenyak	2866

EU-UA-005	Halophytic and coastal vegetation database of Ukraine	Tetiana Dziuba	Dmytro Dubyna	614
EU-UA-006	Vegetation Database of Ukraine and Adjacent Parts of Russia	Viktor Onyshchenko	Vitaliy Kolomyichuk	1542
	European Alpine Vegetation Database	Borja Jiménez-Alfaro	Jozef Šibík	2069
	Finnish National Forest Inventory (LUKE)	Päivi Merilä		1150
	French National Forest Inventory	<a href="https://inventaire-forestier.ign.fr/spip.php?rubrique149">https://inventaire-forestier.ign.fr/spip.php?rubrique149</a>		18926
	Swedish National Forest Inventory	<a href="https://www.slu.se/nfi">https://www.slu.se/nfi</a>		11318
	Teberda - Caucasus Vegetation Database	Vladimir Onipchenko	Alexei Egorov	436
	UK Floodplain Meadows Database	Irina Tatarenko		10607
	Vegetation data of Serra da Estrela	Jan Jansen		800
	Vegetation database of steppe vegetation of Rostov Region	Olga Demina		714
	Private data of Andraž Čarni	Andraž Čarni		118
	Private data of Borja Jiménez-Alfaro	Borja Jiménez-Alfaro		704
	Private data of Corrado Marcenò	Corrado Marcenò		319
	Private data of Erwin Bergmeier	Erwin Bergmeier		7
	Private data of Ioannis Tsiripidis	Ioannis Tsiripidis		64
	Private data of Thomas Becker	Thomas Becker		48
	Private data of Thomas Michl	Thomas Michl		1083
	Private data of Yakiv Didukh	Yakiv Didukh		83
	Various data of Vegetation Science Group, Masaryk University	Milan Chytrý	Ilona Knollová	455
			<b>Total</b>	<b>661864</b>

