



## Marine non-indigenous species in Europe's seas

This series concerns about non-indigenous species (NIS) in Europe's seas. Species are reported by MSFD region and sub-region by the year first detected/identified; and grouped by main taxonomic group (Vertebrate – VER; Invertebrate – INV; Primary producer (plants and algae) – PP)

### Simple

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Continents, countries, sea regions of the world.	<ul style="list-style-type: none"><li>• Black Sea</li><li>• Mediterranean Sea</li><li>• Adriatic Sea</li><li>• Bay of Biscay</li><li>• Mediterranean Sea, Western Basin</li><li>• North Atlantic Ocean</li><li>• North Sea</li><li>• Mediterranean Sea, Eastern Basin</li><li>• Baltic Sea</li><li>• Celtic Sea</li></ul>		
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Reporting obligations	<ul style="list-style-type: none"><li>• MSFD - Articles 8, 9 and 10 - XML data</li></ul>		
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	87064d6c-96b3-423e-a65c-d233596506fe		

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<b>Association Type</b>	Text, table
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<b>Language of dataset</b>	UTF8
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<b>Topic category</b>	1200-01-01
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<b>File identifier</b>	8775b34c-bc10-4a6c-b446-f01b521bba85 <a href="#">XML</a>
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## Overviews

Species	Species >1970	Species <1970	list	Region	Nativity	STATUS	Group	VER-INV.	Taxonom.	NS stat	Y Period	REL	EC	TC	Ts-Other	Ts-ball
<i>Ablennes hians</i> (Valenciennes, 1846)	<i>Ablennes hians</i> (Valenciennes, 1846)		msfd	Central Mediterranean Sea	non-indigenous	Vertebrate	VER	2018	2018-2020							
<i>Abudeodus saxatilis</i> (Linnaeus, 1758)	<i>Abudeodus saxatilis</i> (Linnaeus, 1758)		msfd	Macaronesia	range expanding	Vertebrate	VER	1969	1988-1993							
<i>Abudeodus sexfasciatus</i> (Lacépède, 1801)	<i>Abudeodus sexfasciatus</i> (Lacépède, 1801)		msfd	Eastern Mediterranean Sea	non-indigenous	Vertebrate	VER	2017	2017-2017	1						
<i>Abudeodus</i> sp.	<i>Abudeodus</i> sp.		msfd	Adriatic Sea	genus level	non-indigenous	Vertebrate	VER	2018	2018-2020						
<i>Abudeodus taurus</i> (Müller & Troschel, 1848)	<i>Abudeodus taurus</i> (Müller & Troschel, 1848)		msfd	Macaronesia	questionable	Vertebrate	VER	2015	2012-2017							
<i>Abudeodus vaigensis</i> (Quoy & Gaimard, 1825)	<i>Abudeodus vaigensis</i> (Quoy & Gaimard, 1825)		msfd	Central Mediterranean Sea	non-indigenous	Vertebrate	VER	2013	2012-2017		1					
<i>Abudeodus hoefleri</i> (Steindachner, 1881)	<i>Abudeodus hoefleri</i> (Steindachner, 1881)		msfd	Western Mediterranean Sea	non-indigenous	Vertebrate	VER	2005	2005-2005		1					
<i>Abudeodus hoefleri</i> (Steindachner, 1881)	<i>Abudeodus hoefleri</i> (Steindachner, 1881)		msfd	Central Mediterranean Sea	non-indigenous	Vertebrate	VER	2014	2014-2017			1				
<i>Acanthaster planci</i> (Linnaeus, 1758)	<i>Acanthaster planci</i> (Linnaeus, 1758)		msfd	Western Mediterranean Sea	non-indigenous	Invertebrate	INV	2006	2006-2011			1				
<i>Acanthopagrus bifasciatus</i> (Forsskål, 1775)	<i>Acanthopagrus bifasciatus</i> (Forsskål, 1775)		msfd	Western Mediterranean Sea	non-indigenous	Vertebrate	VER	2019	2018-2020			1				
<i>Acanthophonia schinata</i> (Harvey) A.M.S.Acanthophonia schinata Harvey,A.M.Savile & G.W.Saunders, 2019			msfd	Adriatic Sea	non-indigenous	Primary producer	PP	2018	2018-2020			1				
<i>Acanthurus cf. gaham</i> (Forsskål, 1775)	<i>Acanthurus cf. gaham</i> (Forsskål, 1775)		msfd	Eastern Mediterranean Sea	non-indigenous	Vertebrate	VER	2019	2019-2020	1						
<i>Acanthurus coeruleus</i> Bloch & Schneider, 1801	<i>Acanthurus coeruleus</i> Bloch & Schneider, 1801		msfd	Central Mediterranean Sea	non-indigenous	Vertebrate	VER	2013	2012-2017	0.5						
<i>Acanthurus coeruleus</i> Bloch & Schneider, 1801	<i>Acanthurus coeruleus</i> Bloch & Schneider, 1801		msfd	Eastern Mediterranean Sea	non-indigenous	Vertebrate	VER	2011	2011-2006-2011	0.5						
<i>Acanthurus coeruleus</i> Bloch & Schneider, 1801	<i>Acanthurus coeruleus</i> Bloch & Schneider, 1801		msfd	Macaronesia	non-indigenous	Vertebrate	VER	2013	2012-2017		1					
<i>Acanthus sohal</i> (Forsskål, 1775)	<i>Acanthus sohal</i> (Forsskål, 1775)		msfd	Eastern Mediterranean Sea	non-indigenous	Vertebrate	VER	2017	2017-2017							
<i>Acanthus bahianus</i> Castelnau, 1855	<i>Acanthus bahianus</i> Castelnau, 1855		msfd	Macaronesia	non-indigenous	Vertebrate	VER	2013	2012-2017		1					
<i>Acanthus chirurgus</i> (Bloch, 1787)	<i>Acanthus chirurgus</i> (Bloch, 1787)		msfd	Central Mediterranean Sea	non-indigenous	Vertebrate	VER	2016	2016-2017	0.5		0.5				
<i>Acanthus chirurgus</i> (Bloch, 1787)	<i>Acanthus chirurgus</i> (Bloch, 1787)		msfd	Macaronesia	non-indigenous	Vertebrate	VER	2012	2012-2017	0.5		0.5				
<i>Acanthus monroviae</i> Steindachner, 1876	<i>Acanthus monroviae</i> Steindachner, 1876		msfd	Bay of Biscay & Iberian Coast	range expand	range expanding	Vertebrate	VER	2007	2006-2011	0.5		0.5			
<i>Acanthus monroviae</i> Steindachner, 1876	<i>Acanthus monroviae</i> Steindachner, 1876		msfd	Macaronesia	range expand	range expanding	Vertebrate	VER	1988	1988-1993		1				
<i>Acartia (Acartia) omorii</i> Bradford, 1976	<i>Acartia (Acartia) omorii</i> Bradford, 1976		msfd	Greater North Sea	non-indigenous	Invertebrate	INV	2004	2000-2005			1				
<i>Acartia (Acartia) omorii</i> Bradford, 1976	<i>Acartia (Acartia) omorii</i> Bradford, 1976		msfd	Western Mediterranean Sea	absent	Invertebrate	INV	2004	2000-2005							
<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849	<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849		msfd	Adriatic Sea	non-indigenous	Invertebrate	INV	1987	1987-1982-1987		1					
<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849	<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849		msfd	Baltic Sea	non-indigenous	Invertebrate	INV	1921	1921-1970		1					
<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849	<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849		msfd	Bay of Biscay & Iberian Coast	non-indigenous	Invertebrate	INV	<1977	1977-1976-1981		1					
<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849	<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849		msfd	Black Sea	non-indigenous	Invertebrate	INV	1976	1976-1976-1981		1					
<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849	<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849		msfd	Central Mediterranean Sea	non-indigenous	Invertebrate	INV	2005	2005-2000-2005		1					
<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849	<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849		msfd	Greater North Sea	non-indigenous	Invertebrate	INV	1921	<1970		1					
<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849	<i>Acartia (Acanthocarta) tonsa</i> Dana, 1849		msfd	Western Mediterranean Sea	non-indigenous	Invertebrate	INV	1986	1986-1982-1987		1					
<i>Achelia sawaij</i> Marcus, 1940	<i>Achelia sawaij</i> Marcus, 1940		msfd	Central Mediterranean Sea	non-indigenous	Invertebrate	INV	2016	2016-2012-2017							
<i>Aciplenser baerii</i> Brandt, 1869	<i>Aciplenser baerii</i> Brandt, 1869		msfd	Baltic Sea	non-indigenous	Vertebrate	VER	1960	1960-1970	0.333	0.333					
<i>Aciplenser baerii</i> Brandt, 1869	<i>Aciplenser baerii</i> Brandt, 1869		msfd	Greater North Sea	non-indigenous	Vertebrate	VER	1965	1982-1987	0.333	0.333					
<i>Aciplenser gueldenstaedti</i> Brandt & Ratzeburg, 1833	<i>Aciplenser gueldenstaedti</i> Brandt & Ratzeburg, 1833		msfd	Baltic Sea	non-indigenous	Vertebrate	VER	1962	1962-1970	0.333	0.333					
<i>Aciplenser gueldenstaedti</i> Brandt & Ratzeburg, 1833	<i>Aciplenser gueldenstaedti</i> Brandt & Ratzeburg, 1833		msfd	Greater North Sea	non-indigenous	Vertebrate	VER	2010	2006-2011	0.333	0.333					
<i>Aciplenser ruthenus</i> Linnaeus, 1758	<i>Aciplenser ruthenus</i> Linnaeus, 1758		msfd	Baltic Sea	non-indigenous	Vertebrate	VER	1887	1887-1970	0.333	0.333					
<i>Aciplenser stellatus</i> Pallas, 1771	<i>Aciplenser stellatus</i> Pallas, 1771		msfd	Baltic Sea	non-indigenous	Vertebrate	VER	1999	1999-1994-1999		0.5					
<i>Aciplenser transmontanus</i> Richardson, 1836	<i>Aciplenser transmontanus</i> Richardson, 1836		msfd	Greater North Sea	non-indigenous	Vertebrate	VER	1999	1999-1994-1999		1					
<i>Acrochaetum catenatum</i> M.A.Hove, 1914				Acrochaetum catenatum	non-indigenous	Primary producer	PP	1967	1967							1
<i>Acrohammion preissii</i> (Sonder) E.M.Wollaston, 1968	<i>Acrohammion preissii</i> (Sonder) E.M.Wollaston, 1968			Adriatic Sea	non-indigenous	Primary producer	PP	2007	2006-2011	0.5						
<i>Acrohammion preissii</i> (Sonder) E.M.Wollaston, 1968	<i>Acrohammion preissii</i> (Sonder) E.M.Wollaston, 1968			Central Mediterranean Sea	non-indigenous	Primary producer	PP	1997	1997-1994-1996	0.5						
<i>Acrohammion preissii</i> (Sonder) E.M.Wollaston, 1968	<i>Acrohammion preissii</i> (Sonder) E.M.Wollaston, 1968			Macaronesia	non-indigenous	Primary producer	PP	2009	2006-2011							0.5
<i>Acrohammion preissii</i> (Sonder) E.M.Wollaston, 1968	<i>Acrohammion preissii</i> (Sonder) E.M.Wollaston, 1968			Western Mediterranean Sea	non-indigenous	Primary producer	PP	1968	1968-1970	0.5						
<i>Acrotrichia gracilis</i> Kylin, 1907	<i>Acrotrichia gracilis</i> Kylin, 1907		msfd	Western Mediterranean Sea	partly native	non-indigenous	Primary producer	PP	1998	1998-1994-1999		1				
<i>Actaeodes tomentosus</i> [H. Milne Edwards] Actaeodes tomentosus [H. Milne Edwards, 1834]			msfd	Eastern Mediterranean Sea	non-indigenous	Invertebrate	INV	2013	2013-2012-2017							

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