

TERRESTRIAL ATLANTIC REGION

Reference List



Reference Lists include protected habitat types (Habitats Directive Annex I) and species (Habitats Directive Annex II) present in the bio-geographical region by Member State and for which the Member States have to propose Natura 2000 sites. The Reference Lists derive from the conclusions of bio-geographical seminars and are updated when new scientific information becomes available.

**TERRESTRIAL ATLANTIC REGION
REFERENCE LIST 2010**

Symbol	Definition
X	Habitats / Species present on the biogeographical territory of the Member State
?	The presence of the habitat / species on the biogeographical territory of the Member State is not certain and needs further examination; scientific reserve
Ex	Habitats / species is now extinct on the biogeographical territory of the Member State
e	Exception : habitats / species present in the Member State but not covered by Annex I / Annex II

HABITATS TYPES - ANNEX I

Code	P	Description	BE	DK	DE	ES	FR	IE	NL	PT	UK
1130		Estuaries	X	X	X	X	X	X	X	X	X
1140		Mudflats and sandflats not covered by seawater at low tide	X	X	X	X	X	X	X	X	X
1150	*	Coastal lagoons		X	X	X	X	X			X
1160		Large shallow inlets and bays		X	X	X	X	X	X		X
1210		Annual vegetation of drift lines		X	X	X	X	X		X	X
1220		Perennial vegetation of stony banks		X	X		X	X			X
1230		Vegetated sea cliffs of the Atlantic and Baltic coasts		X	X	X	X	X		X	X
1310		Salicornia and other annuals colonizing mud and sand	X	X	X	X	X	X	X	X	X
1320		Spartina swards (<i>Spartinion maritimae</i>)	X	X	X	X	X	X	X	X	X
1330		Atlantic salt meadows (<i>Glaucopuccinellietalia maritimae</i>)	X	X	X	X	X	X	X	X	X
1340	*	Inland salt meadows			X						X
1410		Mediterranean salt meadows (<i>Juncetalia maritimi</i>)					X	X			
1420		Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>)				X	X	X		X	X
2110		Embryonic shifting dunes	X	X	X	X	X	X	X	X	X
2120		Shifting dunes along the shoreline with <i>Ammophila arenaria</i> (white dunes)	X	X	X	X	X	X	X	X	X
2130	*	Fixed coastal dunes with herbaceous vegetation (grey dunes)	X	X	X	X	X	X	X	X	X
2140	*	Decalcified fixed dunes with <i>Empetrum nigrum</i>		X	X			X	X		X

Code	P	Description	BE	DK	DE	ES	FR	IE	NL	PT	UK
2150	*	Atlantic decalcified fixed dunes (Calluno-Ulicetea)	X		X		X	X	X	X	X
2160		Dunes with <i>Hippophae rhamnoides</i>	X	X	X		X		X		X
2170		Dunes with <i>Salix repens</i> ssp. <i>argentea</i> (Salicion <i>arenariae</i>)	X	X	X		X	X	X		X
2180		Wooded dunes of the Atlantic, Continental and Boreal region	X	X	X		X		X		
2190		Humid dune slacks	X	X	X		X	X	X	X	X
21A0	*	Machairs (* in Ireland)						X			X
2230		Malcolmietalia dune grasslands				X				X	
2250	*	Coastal dunes with <i>Juniperus</i> spp.		X							X
2260		Cisto-Lavenduletalia dune sclerophyllous scrubs				X	X				
2270	*	Wooded dunes with <i>Pinus pinea</i> and/or <i>Pinus pinaster</i>					X				
2310		Dry sand heaths with <i>Calluna</i> and <i>Genista</i>	X	X	X				X		
2320		Dry sand heaths with <i>Calluna</i> and <i>Empetrum nigrum</i>		X	X				X		
2330		Inland dunes with open <i>Corynephorus</i> and <i>Agrostis</i> grasslands	X	X	X		X		X		X
3110		Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia <i>uniflorarum</i>)	X	X	X	X	X	X	X	X	X
3120		Oligotrophic waters containing very few minerals generally on sandy soils of the West Mediterranean, with <i>Isoetes</i> spp.					X				
3130		Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea <i>uniflorae</i> and/or of the Isoeto-Nanojuncetea	X	X	X		X	X	X		X
3140		Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp.	X	X	X	X	X	X	X		X
3150		Natural eutrophic lakes with Magnopotamion or Hydrocharition-type vegetation	X	X	X	X	X	X	X		X
3160		Natural dystrophic lakes and ponds		X	X	X	X	X	X	X	X
3170	*	Mediterranean temporary ponds				X	X			X	X
3180	*	Turloughs						X			X
3220		Alpine rivers and the herbaceous vegetation along their banks				X					
3240		Alpine rivers and their ligneous vegetation with <i>Salix elaeagnos</i>				X					
3250		Constantly flowing Mediterranean rivers with <i>Glaucium flavum</i>				X					
3260		Water courses of plain to montane levels with the Ranunculion <i>fluitantis</i> and Callitriche-Batrachion vegetation	X	X	X	X	X	X	X	X	X
3270		Rivers with muddy banks with <i>Chenopodium rubri</i> p.p. and <i>Bidention</i> p.p. vegetation	X	X	X	X	X	X	X	X	
4010		Northern Atlantic wet heaths with <i>Erica tetralix</i>	X	X	X	?	X	X	X	X	X
4020	*	Temperate Atlantic wet heaths with <i>Erica ciliaris</i> and <i>Erica tetralix</i>				X	X			X	X
4030		European dry heaths	X	X	X	X	X	X	X	X	X

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4040	*	Dry Atlantic coastal heaths with <i>Erica vagans</i>				X	X				X
4060		Alpine and Boreal heaths				X		X			X
4080		Sub-Arctic <i>Salix</i> sp. scrub									X
4090		Endemic oro-Mediterranean heaths with gorse				X	X				
5110		Stable xerothermophilous formations with <i>Buxus sempervirens</i> on rock slopes (Berberidion p.)	X			X	X				X
5120		Mountain <i>Cytisus purgans</i> formations				X					
5130		<i>Juniperus communis</i> formations on heaths or calcareous grasslands	X	X	X		X	X	X		X
5210		Arborescent matorral with <i>Juniperus</i> spp.				X					
6110	*	Rupicolous calcareous or basophilic grasslands of the Alysso-Sedion albi			X		X		X		
6120	*	Xeric sand calcareous grasslands			X		X		X		
6130		Calaminarian grasslands of the Violeralia calaminariae			X		X	X	X		X
6140		Siliceous Pyrenean <i>Festuca eskia</i> grasslands				X					
6150		Siliceous alpine and boreal grasslands									X
6160		Oro-Iberian <i>Festuca indigesta</i> grasslands				X					
6170		Alpine and subalpine calcareous grasslands				X					X
6210	*	Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometalia)(*important orchid sites)	X	X	X	X	X	X	X		X
6220	*	Pseudo-steppe with grasses and annuals of the Thero-Brachypodietea				X	X				
6230	*	Species-rich <i>Nardus</i> grasslands, on siliceous substrates in mountain areas (and submountain areas in Continental Europe)	X	X	X	X	X	X	X	X	X
6240	*	Sub-Pannonic steppic grassland			X						
6410		<i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caenuleae)	X	X	X	X	X	X	X	X	X
6420		Mediterranean tall humid grasslands of the Molinio-Holoschoenion				X	X				
6430		Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	X	X	X	X	X	X	X	X	X
6440		Alluvial meadows of river valleys of the Cnidion dubii			X						
6510		Lowland hay meadows (<i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i>)	X		X	X	X	X	X	X	X
6520		Mountain hay meadows									X
7110	*	Active raised bogs	X	X	X	X	X	X	X		X
7120		Degraded raised bogs still capable of natural regeneration	X	X	X		X	X	X		X
7130	*	Blanket bog (* if active bog)				X	X	X			X

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7140		Transition mires and quaking bogs	X	X	X	X	X	X	X	X	X
7150		Depressions on peat substrates of the Rhynchosporion	X	X	X	X	X	X	X	X	X
7210	*	Calcareous fens with <i>Cladium mariscus</i> and species of the Caricion <i>davallianae</i>	X		X	X	X	X	X		X
7220	*	Petrifying springs with tufa formation (Cratoneurion)	?	X	X	X	X	X	X		X
7230		Alkaline fens	X	X	X	X	X	X	X		X
7240	*	Alpine pioneer formations of Caricion <i>bicoloris-atrofuscae</i>									X
8110		Siliceous scree of the montane to snow levels (<i>Androsacetalia alpinae</i> and <i>Caleopsietalia ladani</i>)					X	X			X
8120		Calcareous and calcsist screes of the montane to alpine levels (<i>Thlaspietea rotundifolii</i>)						X			X
8130		Western Mediterranean and thermophilous screes				X	X				
8150		Medio-European upland siliceous screes					X				
8160	*	Medio-European calcareous screes of hill and montane levels					X				
8210		Calcareous rocky slopes with chasmophytic vegetation				X	X	X			X
8220		Siliceous rocky slopes with chasmophytic vegetation				X	X	X		X	X
8230		Siliceous rock with pioneer vegetation of the Sedo-Scleranthion or of the Sedo albi-Veronicion <i>dillenii</i>			X	X	X			X	
8240	*	Limestone pavements						X			X
8310		Caves not open to the public	X			X	X	X		X	X
9110		Luzulo-Fagetum beech forests	X	X	X		X		X		
9120		Atlantic acidophilous beech forests with <i>Ilex</i> and sometimes also <i>Taxus</i> in the shrublayer (<i>Quercion robori-petraeae</i> or <i>Ilici-Fagenion</i>)	X	X	X	X	X		X		X
9130		Asperulo-Fagetum beech forests	X	X	X		X				X
9150		Medio-European limestone beech forests of the <i>Cephalanthero-Fagion</i>	X		X	X	X				
9160		Sub-Atlantic and medio-European oak or oak-hornbeam forests of the <i>Carpinion betuli</i>	X	X	X	X	X		X		X
9170		<i>Galio-Carpinetum</i> oak-hornbeam forests			X						
9180	*	<i>Tilio-Acerion</i> forests of slopes, screes and ravines	X		X		X				X
9190		Old acidophilous oak woods with <i>Quercus robur</i> on sandy plains	X	X	X		X		X		X
91A0		Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles					e	X			X
91C0	*	Caledonian forest									X
91D0	*	Bog woodland	X	X	X		X	X	X		X

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91E0	*	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, Alnion incanae, Salicion alvae)	X	X	X	X	X	X	X	X	X
91F0		Riparian mixed forests of <i>Quercus robur</i> , <i>Ulmus laevis</i> and <i>Ulmus minor</i> , <i>Fraxinus excelsior</i> or <i>Fraxinus angustifolia</i> , along the great rivers (<i>Ulmenion minoris</i>)	X		X		X		X		
91J0	*	<i>Taxus baccata</i> woods of the British Isles						X			X
9230		Galicio-Portuguese oak woods with <i>Quercus robur</i> and <i>Quercus pyrenaica</i>				X	X			X	
9240		<i>Quercus faginea</i> and <i>Quercus canariensis</i> Iberian woods				X					
9260		<i>Castanea sativa</i> woods				X	X				
92A0		<i>Salix alba</i> and <i>Populus alba</i> galleries				X	X				
9330		<i>Quercus suber</i> forests				X	?				
9340		<i>Quercus ilex</i> and <i>Quercus rotundifolia</i> forests				X	X				
9380		Forests of <i>Ilex aquifolium</i>				X				X	
9540		Mediterranean pine forests with endemic Mesogean pines					X				
9560	*	Endemic forests with <i>Juniperus</i> spp.				X					
9580	*	Mediterranean <i>Taxus baccata</i> woods				X					

SPECIES - ANNEX II

Code	P	Species name	BE	DK	DE	ES	FR	IE	NL	PT	UK
		MAMMALS									
1301		<i>Galemys pyrenaicus</i>				X	X			X	
1302		<i>Rhinolophus mehelyi</i>				X					
1303		<i>Rhinolophus hipposideros</i>	X			X	X	X		X	X
1304		<i>Rhinolophus ferrumequinum</i>	X			X	X			X	X
1305		<i>Rhinolophus euryale</i>				X	X			X	
1307		<i>Myotis blythii</i>				X	X				
1308		<i>Barbastella barbastellus</i>	X		X	X	X			X	X
1310		<i>Miniopterus schreibersi</i>				X	X			X	
1318		<i>Myotis dasycneme</i>	X	X	X		X		X		
1321		<i>Myotis emarginatus</i>	X			X	X		X	X	
1323		<i>Myotis bechsteini</i>	X		X	X	X				X
1324		<i>Myotis myotis</i>	X		X	X	X		X	X	
1337		<i>Castor fiber</i>			X		X		X		
1340	*	<i>Microtus oeconomus arenicola</i>							X		
1352	*	<i>Canis lupus</i>				e				X	
1354	*	<i>Ursus arctos</i>				X					
1355		<i>Lutra lutra</i>	X	X	X	X	X	X		X	X
1356		<i>Mustela lutreola</i>				X	X				
		REPTILES									
1220		<i>Emys orbicularis</i>			?	X	X			X	
1221		<i>Mauremys leprosa</i>				X				X	
1249		<i>Lacerta monticola</i>				X					
1259		<i>Lacerta schreiberi</i>				X				X	
		AMPHIBIANS									
1166		<i>Triturus cristatus</i>	X	X	X		X		X		X
1172		<i>Chioglossa lusitanica</i>				X				X	
1188		<i>Bombina bombina</i>			X						
1193		<i>Bombina variegata</i>			X		X		X		
1194		<i>Discoglossus galganoi</i>				X					
		FISH									
1095		<i>Petromyzon marinus</i>		X	X	X	X	X	X	X	X
1096		<i>Lampetra planeri</i>	X	X	X	X	X	X	X		X
1099		<i>Lampetra fluviatilis</i>	X	X	X		X	X	X		X
1101	*	<i>Acipenser sturio</i>					X				
1102		<i>Alosa alosa</i>		X	X	X	X	X	X	X	X
1103		<i>Alosa fallax</i>	X	X	X	X	X	X	X	X	X
1106		<i>Salmo salar</i>		X	X	X	X	X	X	X	X
1113	*	<i>Coregonus oxyrinchus</i>		X	?						
1116		<i>Chondrostoma polylepis</i>				X				X	
1123		<i>Rutilus alburnoides</i>								X	
1126		<i>Chondrostoma toxostoma</i>				X	X				
1127		<i>Rutilus arcasii</i>				X				X	
1130		<i>Aspius aspius</i>			X						
1134		<i>Rhodeus sericeus amarus</i>	X		X		X		X		
1138		<i>Barbus meridionalis</i>					X				

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1145		Misgurnus fossilis	X	X	X				X		
1149		Cobitis taenia	X		X	X	X		X		X
1163		Cottus gobio	X		X	X	X		X		X
		INVERTEBRATES									
1007		Elona quimperiana				X	X				
1013		Vertigo geyeri						X			X
1014		Vertigo angustior	X		X		X	X	X		X
1015		Vertigo genesii									X
1016		Vertigo moulinsiana	X		X		X	X	X		X
1024		Geomalacus maculosus				X		X		X	
1029		Margaritifera margaritifera		X	X	X	X	X			X
1032		Unio crassus	X		X		X				
1036		Macromia splendens				X	X				
1037		Ophiogomphus cecilia		X	X		X		X		
1041		Oxygastra curtisii				X	X			X	
1042		Leucorrhinia pectoralis	X		X		X		X		
1044		Coenagrion mercuriale			X	X	X				X
1046		Gomphus graslinii				X	X				
1059		Maculinea teleius					X		X		
1060		Lycaena dispar					X		X		
1061		Maculinea nausithous			X	X			X		
1065		Euphydryas aurinia		X	X	X	X	X		X	X
1071		Coenonympha oedippus					X				
1074		Eriogaster catax				X	X				
1078	*	Callimorpha quadripunctaria	X		X	X	X		X	X	
1079		Limoniscus violaceus				X	X				X
1081		Dytiscus latissimus			X						
1082		Graphoderus bilineatus			X		X		X		
1083		Lucanus cervus	X		X	X	X		X	X	X
1084	*	Osmoderma eremita			X		X				
1086		Cucujus cinnaberinus				X					
1087	*	Rosalia alpina				X	X				
1088		Cerambyx cerdo			X	X	X				
1092		Austropotamobius pallipes				X	X	X			X
1990		Margaritifera durrovensis						X			
		PLANTS									
1383		Dichelyma capillaceum			X		X				
1385		Bruchia vogesiaca								X	X
1386		Buxbaumia viridis									X
1387		Orthotrichum rogeri							X		
1388	*	Bryoerythrophyllum campylocarpum								X	
1390	*	Marsupella profunda								X	X
1393		Drepanocladus vernicosus	X	X		X		X	X		X
1395		Petalophyllum ralfsii						X			X
1398		Sphagnum pylaisii				X	X				
1416		Isoetes boryana					X				
1419		Botrychium simplex			X						
1420		Culcita macrocarpa				X				X	

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1421		<i>Trichomanes speciosum</i>				X	X	X		X	X
1425	*	<i>Dryopteris corleyi</i>				X					
1426		<i>Woodwardia radicans</i>				X				X	
1428		<i>Marsilea quadrifolia</i>					X				
1437		<i>Thesium ebracteatum</i>			X						
1441		<i>Rumex rupestris</i>				X	X				X
1493		<i>Sisymbrium supinum</i>					X				
1506	*	<i>Biscutella neustriaca</i>					X				
1528		<i>Saxifraga hirculus</i>		X				X			X
1585	*	<i>Viola hispida</i>					X				
1601	*	<i>Oenanthe conioides</i>			X						
1603	*	<i>Eryngium viviparum</i>				X	X				
1607	*	<i>Angelica heterocarpa</i>					X				
1614		<i>Apium repens</i>	X		X	X	X		X		X
1618		<i>Thorella verticillatinundata</i>					X				
1625		<i>Soldanella villosa</i>				X	X				
1639		<i>Limonium lanceolatum</i>				X					
1654		<i>Gentianella anglica</i>									X
1658	*	<i>Centaureum somedanum</i>				X					
1676	*	<i>Omphalodes littoralis</i>				X	X				
1733		<i>Veronica micrantha</i>				X				X	
1753		<i>Jasione lusitanica</i>				X				X	
1775		<i>Santolina semidentata</i>				X					
1793		<i>Centaurea micrantha herminii</i>								X	
1796	*	<i>Centaurea borjajae</i>				X					
1802	*	<i>Aster pyrenaeus</i>				X					
1805		<i>Juricea cyanoides</i>			X						
1831		<i>Luronium natans</i>	X	X	X	X	X		X		X
1832		<i>Caldesia parnassifolia</i>					X				
1833		<i>Najas flexilis</i>		X				X			X
1857		<i>Narcissus pseudonarcissus nobilis</i>				X					
1862		<i>Narcissus cyclamineus</i>				X				X	
1865		<i>Narcissus asturiensis</i>				X					
1868		<i>Narcissus triandrus capax</i>					X				
1885		<i>Festuca elegans</i>				X				X	
1887		<i>Coleanthus subtilis</i>					X				
1890		<i>Festuca henriquesii</i>								X	
1891		<i>Festuca summilusitanica</i>				X				X	
1902		<i>Cypripedium calceolus</i>			X						X
1903		<i>Liparis loeselii</i>	X		X		X		X		X