



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
ENVIRONMENT

EUROPEAN ENVIRONMENT AGENCY
EUROPEAN TOPIC CENTRE ON
NATURE PROTECTION AND BIODIVERSITY



Doc. Alp/B/Fin. 10
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ALPINE REGION

Reference list of habitat types
and species present
in the region

*Liste de référence des types d'habitats
et des espèces présents
dans la région*



HABITATS TYPES - ANNEX I

Code	P	Description	AT	DE	ES	FR		IT		FI	SE
						PYR	ALP	ALP	APP		
13		Atlantic and continental salt marshes and salt meadows									
1340	*	Inland salt meadows					X				
31		Standing water									
3110		Oligotrophic waters containing very few minerals of sandy plains (<i>Littorelletalia uniflorae</i>)			X					X	
3130		Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of the <i>Isoeto-Nanojuncetea</i>	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 <i>Magnopotamion</i> or <i>Hydrocharition</i> -type vegetation	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		
3180	*	Turloughs		X							
32		Running water									
3210		Fennoscandian natural rivers								X	X
3220		Alpine rivers and the herbaceous vegetation along their banks	X	X		X	X	X	X	X	X
3230		Alpine rivers and their ligneous vegetation with <i>Myricaria germanica</i>	X	X	X		X	X		X	
3240		Alpine rivers and their ligneous vegetation with <i>Salix elaeagnos</i>	X	X	X	X	X	X	X		
3250		Constantly flowing Mediterranean rivers with <i>Glaucium flavum</i>					X				
3260		Water courses of plain to montane levels with <i>Ranunculion fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation	X	X		X	X	X	X	X	X
3270		Rivers with muddy banks with <i>Chenopodium rubri</i> p.p. and <i>Bidens</i> p.p. vegetation	X				X	X	X		
3280		Constantly flowing Mediterranean rivers : <i>Paspalo-Agrostidion</i> and hanging curtains of <i>Salix</i> and <i>Populus alba</i>							X		
40		Temperate heath and scrub									
4020	*	Temperate Atlantic wet heaths with <i>Erica ciliaris</i> and <i>Erica tetralix</i>			X	X					
4030		European dry heaths	X		X	X	X	X			
4060		Alpine and boreal heaths	X	X	X	X	X	X	X	X	X
4070	*	Bushes with <i>Pinus mugo</i> and <i>Rhododendron hirsutum</i> (<i>Mugo-Rhododendretum hirsuti</i>)	X	X			X	X	X		
4080		Sub-arctic <i>Salix</i> spp. scrub				X	X			X	X
4090		Endemic oro-Mediterranean heaths with gorse			X	X	X		X		
51		Sub-Mediterranean and temperate scrub									

Code	P	Description	AT	DE	ES	FR		IT		FI	SE
						PYR	ALP	ALP	APP		
5110		Stable xerothermophilous formations with <i>Buxus sempervirens</i> on rock slopes (Berberidion p.)			X	X	X	X	X		
5120		Mountain <i>Cytisus purgans</i> formations			X	X					
5130		<i>Juniperus communis</i> formations on heaths or calcareous grasslands	X		X	X	X	X	X		X
52		Mediterranean arborescent matorral									
5210		Arborescent matorral with <i>Juniperus</i> spp.			X	X	X	X	X		
61		Natural grasslands									
6110	*	Rupicolous calcareous or basophilic grasslands of the <i>Alyso-Sedion albi</i>	X		X	X	X	X	X		
6120	*	Xeric and calcareous grasslands					X				
6130		Calaminarian grasslands of the <i>Violetalia calaminariae</i>	X			X					
6140		Siliceous Pyrenean <i>Festuca eskia</i> grasslands			X	X					
6150		Siliceous alpine and boreal grasslands	X	X			X	X		X	X
6170		Alpine and sub-alpine calcareous grasslands	X	X	X	X	X	X	X		X
62		Semi-natural dry grasslands and scrubland facies									
6210	*	Semi-natural dry grasslands and scrubland facies on calcareous substrates (<i>Festuco-Brometalia</i>) (*important orchid sites)	X	X	X	X	X	X	X		X
6220	*	Pseudo-steppe with grasses and annuals of the Thero-Brachypodietea			X		X	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
6240	*	Sub-Pannonic steppic grasslands	X				X				
6250	*	Pannonic loess steppic grasslands									
6270	*	Fennoscandian lowland species-rich dry to mesic grasslands									?
64		Semi-natural tall-herb humid meadows									
6410		<i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>)	X	X	X	X	X	X			X
6420		Mediterranean tall humid grasslands of the <i>Molinio-Holoschoenion</i>			X			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
6450		Northern boreal alluvial meadows									X
65		Mesophile grasslands									
6510		Lowland hay meadows (<i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i>)	X	X	X	X	X	X	X		
6520		Mountain hay meadows	X	X	X	X	X	X	X		X
71		Sphagnum acid bogs									
7110	*	Active raised bogs	X	X	X	X	X	X			
7120		Degraded raised bogs still capable of natural regeneration	X	X		X		X			
7130	*	Blanket bog (* if active bog)	X								X
7140		Transition mires and quaking bogs	X	X	X	X	X	X	X	X	X
7150		Depressions on peat substrates of the <i>Rhynchosporion</i>	X	X		X	X	X			

Code	P	Description	AT	DE	ES	FR		IT		FI	SE
						PYR	ALP	ALP	APP		
7160		Fennoscandian mineral-rich springs and springfens								X	X
72		Calcareous fens									
7210	*	Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i>	X	X			X	X			
7220	*	Petrifying springs with tufa formation (<i>Cratoneurion</i>)	X	X	X	X	X	X	X	X	X
7230		Alkaline fens	X	X	X	X	X	X	X	X	X
7240	*	Alpine pioneer formations of <i>Caricion bicoloris-atrofuscae</i>	X	X	X	X	X	X		X	X
73		Boreal mires									
7310	*	Aapa mires								X	X
7320	*	Palsa mires								X	X
81		Scree									
8110		Siliceous scree of the montane to snow levels (<i>Androsacetalia alpinae</i> and <i>Galeopsietalia ladani</i>)	X	X		X	X	X		X	X
8120		Calcareous and calcshist screes of the montane to alpine levels (<i>Thlaspietea rotundifolii</i>)	X	X		X	X	X	X		X
8130		Western Mediterranean and thermophilous scree	X		X	X	X	X	X		
8150		Medio-European upland siliceous screes	X				X				
8160	*	Medio-European calcareous scree of hill and montane levels	X	X				X	X		
82		Rocky slopes with chasmophytic vegetation									
8210		Calcareous rocky slopes with chasmophytic vegetation	X	X	X	X	X	X	X	X	X
8220		Silicolous rocky slopes with chasmophytic vegetation	X	X	X	X	X	X	X	X	X
8230		Siliceous rock with pioneer vegetation of the <i>Sedo-Scleranthion</i> or of the <i>Sedo albi-Veronicion dillenii</i>	X		X	X	X	X	X		X
8240	*	Limestone pavements	X				X	X	X		
83		Other rocky habitats									
8310		Caves not open to the public	X	X	X	X	X	X	X		X
8340		Permanent glaciers	X	X	X	X	X	X	X		X
90		Forests of Boreal Europe									
9010	*	Western taiga								X	X
9040		Nordic subalpine/subarctic forests with <i>Betula pubescens</i> ssp. <i>czerepanovii</i>								X	X
9050		Fennoscandian herb-rich forests with <i>Picea abies</i>								X	X
9060		Coniferous forests on, or connected to, glaciofluvial eskers									X
9070		Fennoscandian wooded pastures									X
91		Forests of Temperate Europe									
9110		<i>Luzulo-Fagetum</i> 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				

Code	P	Description	AT	DE	ES	FR		IT		FI	SE
						PYR	ALP	ALP	APP		
9130		Asperulo-Fagetum beech forests	X	X	X		X	X			
9140		Medio-European subalpine beech woods with <i>Acer</i> and <i>Rumex arifolius</i>	X	X		X	X	X			
9150		Medio-European limestone beech forests of the <i>Cephalanthero-Fagion</i>	X	X	X	X	X	X			
9160		Sub-Atlantic and medio-European oak or oak-hornbeam forests of the <i>Carpinion betuli</i>			X			X			
9170		<i>Galio-Carpinetum</i> oak-hornbeam forests	X					X			
9180	*	<i>Tilio-Acerion</i> forests of slopes, screes and ravines	X	X	X	X	X	X	X		
91B0		Thermophilous <i>Fraxinus angustifolia</i> woods						X			
91D0	*	Bog woodland	X	X		X	X	X		X	X
91E0	*	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>)	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			
91G0	*	Pannonic woods with <i>Quercus petraea</i> and <i>Carpinus betulus</i>	X								
91H0	*	Pannonian woods with <i>Quercus pubescens</i>	X					X			
92		Mediterranean deciduous forests									
9210	*	Apennine beech forests with <i>Taxus</i> and <i>Ilex</i>							X		
9220	*	Apennine beech forests with <i>Abies alba</i> and beech forests with <i>Abies nebrodensis</i>							X		
9240		<i>Quercus faginea</i> and <i>Quercus canariensis</i> Iberian woods			X						
9260		<i>Castanea sativa</i> woods			?	X	X	X	X		
92A0		<i>Salix alba</i> and <i>Populus alba</i> galleries			X		X		X		
93		Mediterranean sclerophyllous forests									
9340		<i>Quercus ilex</i> and <i>Quercus rotundifolia</i> forests			X	X	X	X	X		
94		Temperate mountainous coniferous forests									
9410		Acidophilous <i>Picea</i> forests of the montane to alpine levels (<i>Vaccinio-Piceetea</i>)	X	X			X	X			
9420		Alpine <i>Larix decidua</i> and/or <i>Pinus cembra</i> forests	X	X			X	X			
9430	*	Subalpine and montane <i>Pinus uncinata</i> forests (* if on gypsum or limestone)	X		X	X	X	X			
95		Mediterranean and Macaronesian mountainous coniferous forests									
9530	*	(Sub-)Mediterranean pine forests with endemic black pines	X		X			X	X		
9540		Mediterranean pine forests with endemic Mesogean pines						X			
9560	*	Endemic forests with <i>Juniperus</i> spp.				X	X				
9580	*	Mediterranean <i>Taxus baccata</i> woods					X	X			

SPECIES - ANNEX II

Code	P	Name	AT	DE	ES	FR		IT		FI	SE
						PYR	ALP	ALP	APP		
		MAMMALS									
		INSECTIVORA									
1301		<i>Galemys pyrenaicus</i>			X	X					
		CHIROPTERA									
1308		<i>Barbastella barbastellus</i>	X	X	X	X	X	X			
1310		<i>Miniopterus schreibersi</i>	X		X	X	X	X	X		
1323		<i>Myotis bechsteini</i>	X	X	X	X		X			
1307		<i>Myotis blythii</i>	X		X	X	X	X	X		
1316		<i>Myotis capaccinii</i>	X					X			
1321		<i>Myotis emarginatus</i>	X	X	X	X	X	X			
1324		<i>Myotis myotis</i>	X	X		X	X	X	X		
1305		<i>Rhinolophus euryale</i>			X	X	X	X			
1304		<i>Rhinolophus ferrumequinum</i>	X		X	X	X	X	X		
1303		<i>Rhinolophus hipposideros</i>	X	X	X	X	X	X	X		
		RODENTIA									
1337		<i>Castor fiber</i>	X				X				e
1335		<i>Spermophilus citellus</i>	X								
		CARNIVORA									
1911	*	<i>Alopex lagopus</i>								X	X
1352	*	<i>Canis lupus</i>					X	X	X	e	
1912	*	<i>Gulo gulo</i>								X	X
1355		<i>Lutra lutra</i>	X		X					X	X
1361		<i>Lynx lynx</i>	X	X			X	X		e	X
1354	*	<i>Ursus arctos</i>	X		X	X		X	X	e	e
		ARTIODACTYLA									
1370	*	<i>Capra pyrenaica pyrenaica</i>			Ex						
1374	*	<i>Rupicapra pyrenaica ornata</i>							X		
		REPTILES									
		TESTUDINATA									
1220		<i>Emys orbicularis</i>						X			
		SAURIA									
1249		<i>Lacerta monticola</i>			?						
1995		<i>Lacerta bonnali</i>			X	X					
		OPHIDIA									
1279		<i>Elaphe quatuorlineata</i>						X	X		
1298		<i>Vipera ursinii</i>					X		X		
		AMPHIBIANS									
		ANURA									
1193		<i>Bombina variegata</i>	X	X			X	X	X		
1199	*	<i>Pelobates fuscus insubricus</i>						X			
1215		<i>Rana latastei</i>						X			
		CAUDATA									
1169	*	<i>Salamandra atra aurorae</i>						X			
1175		<i>Salamandra terdigitata</i>							X		
1994		<i>Hydromantes strinatii</i>					X	X			
1166		<i>Triturus cristatus</i>	X	X			X				
1167		<i>Triturus carnifex</i>	X					X	X		
		FISH									
		PETROMYZONIFORMES									

Code	P	Name	AT	DE	ES	FR		IT		FI	SE
						PYR	ALP	ALP	APP		
1098		Eudontomyzon spp.	X								
1097		Lethenteron zanandreaei						X			
1096		Lampetra planeri					X				
		CLUPEIFORMES									
1103		Alosa fallax						X			
		CYPRINIFORMES									
1138		Barbus meridionalis			X	X	X	X			
1137		Barbus plebejus						X	X		
1141		Chalcalburnus chalcoides	X								
1115		Chondrostoma genei						X			
1140		Chondrostoma soetta						X			
1126		Chondrostoma toxostoma			X		X				
1149		Cobitis taenia	X					X	X		
1122		Gobio uranoscopus	X								
1131		Leuciscus souffia	X				X	X	X		
1134		Rhodeus sericeus amarus	X								
1139		Rutilus frisii meidingeri	X								
1114		Rutilus pigus						X			
1136		Rutilus rubilio						X	X		
		PERCIFORMES									
1155		Knipowitschia panizzae						X			
1160		Zingel streber	X								
		SALMONIFORMES									
1105		Hucho hucho	X	X							
1108		Salmo macrostigma							X		
1107		Salmo marmoratus						X			
1106		Salmo salar				X				e	X
		SCORPAENIFORMES									
1163		Cottus gobio	X	X	X	X	X	X		e	X
		INVERTEBRATES									
		CRUSTACEA									
1092		Austropotamobius pallipes	X		X	X	X	X	X		
		INSECTA									
1930		Agriades glandon aquilo								X	X
1085		Buprestis splendens	X								
1078	*	Callimorpha quadripunctaria	X	X	X	X	X	X	X		
1080	*	Carabus olympiae						X			
1088		Cerambyx cerdo	X		X	X	X	X			
1931		Clossiana improba improbula								X	X
1045		Coenagrion hylas	X								
1044		Coenagrion mercuriale	X	X		X	X				
1071		Coenonympha oedippus	X			X		X			
1086		Cucujus cinnaberinus	X	X							
1072		Erebia calcaria						X			
1073		Erebia christi						X			
1932		Erebia medusa polaris								X	
1074		Eriogaster catax	X		X	X	X	X	X		
1065		Euphydryas aurinia	X	X	X	X	X	X	X		
1075		Graellsia isabellae			X	X	X				
1933		Hesperia comma catena								X	X
1052		Hypodryas maturna	X	?							

Code	P	Name	AT	DE	ES	FR		IT		FI	SE
						PYR	ALP	ALP	APP		
1042		<i>Leucorrhinia pectoralis</i>	X								
1079		<i>Limoniscus violaceus</i>	X								
1083		<i>Lucanus cervus</i>	X		X	X	X	X			
1060		<i>Lycaena dispar</i>	X				X	X			
1061		<i>Maculinea nausithous</i>	X	X			X				
1059		<i>Maculinea teleius</i>	X	X			X	X			
1062		<i>Melanargia arge</i>							X		
1089		<i>Morimus funereus</i>	X								
1037		<i>Ophiogomphus cecilia</i>	X								
1084	*	<i>Osmoderma eremita</i>	X		X	X	X	X	X		
1041		<i>Oxygastra curtisii</i>					X	X			
1087	*	<i>Rosalia alpina</i>	X	X	X	X	X	X	X		
1927		<i>Stephanopachys substriatus</i>		X							
1934		<i>Xestia borealis</i>									X
		GASTROPODA									
1915	*	<i>Helicopsis striata austriaca</i>	X								
1014		<i>Vertigo angustior</i>	X	X				X			
1015		<i>Vertigo genesii</i>									X
1013		<i>Vertigo geyeri</i>	X	X							X
1016		<i>Vertigo moulinsiana</i>	X								
		BIVALVIA									
1029		<i>Margaritifera margaritifera</i>								X	X
1032		<i>Unio crassus</i>	X								
		PTERIDOPHYTA									
1419		<i>Botrychium simplex</i>	X			X		X			
1955		<i>Diplazium sibiricum</i>								X	X
1958		<i>Dryopteris fragrans</i>								X	
1428		<i>Marsilea quadrifolia</i>						X			
		ANGIOSPERMAE									
1479		<i>Adonis distorta</i>							X		
1508		<i>Alyssum pyrenaicum</i>				X					
1630		<i>Androsace mathildae</i>							X		
1632		<i>Androsace pyrenaica</i>			X	X					
1614		<i>Apium repens</i>	X	X							
1474		<i>Aquilegia bertolonii</i>					X				
1944		<i>Arenaria humifusa</i>									X
1802	*	<i>Aster pyrenaicus</i>				X					
1557		<i>Astragalus centralpinus</i>					X	X			
1498		<i>Brassica glabrescens</i>						X			
1947		<i>Braya linearis</i>									X
1948		<i>Calamagrostis chalybaea</i>									X
1949		<i>Calypso bulbosa</i>									X
1751	*	<i>Campanula sabatia</i>						X			
1950		<i>Carex holostoma</i>								X	X
1953		<i>Crepis tectorum nigrescens</i>								X	
1902		<i>Cypripedium calceolus</i>	X	X	X	X	X	X	X		X
1583		<i>Daphne petraea</i>						X			
1956		<i>Draba cacuminum</i>									X
1689		<i>Dracocephalum austriacum</i>	X		X		X	X			
1604		<i>Eryngium alpinum</i>	X				X	X			
1656		<i>Gentiana ligustica</i>					X	X			

Code	P	Name	AT	DE	ES	FR		IT		FI	SE
						PYR	ALP	ALP	APP		
1959		Gymnigritella runei									X
1467	*	Gypsophila papillosa						X			
1758		Ligularia sibirica	X			X					
1710		Linaria tonzigi						X			
1903		Liparis loeselii	X	X			X	X			
1831		Luronium natans			X						
1961		Luzula arctica									X
1670		Myosotis rehsteineri	X					X			
1964		Papaver laestadianum									X
1965		Papaver radicum hyperboreum									X
1451		Petrocoptis pseudoviscosa			X						
1967		Plathantera obtusata oligantha									X
1534		Potentilla delphinensis					X				
1969		Primula scandinavica									X
1972		Ranunculus lapponicus								X	X
1527		Saxifraga florulenta					X	X			
1528		Saxifraga hirculus						X		X	X
1524		Saxifraga tombeanensis						X			
1975		Silene furcata angustiflora									X
1918	*	Stipa styriaca	X								
1545		Trifolium saxatile	X				X	X			
1977		Trisetum subalpestre								X	X
1978		Viola rupestre relicta								X	X
		BRYOPHYTA									
1386		Buxbaumia viridis	X	X	X	X	X	X	X		X
1981		Cynodontium suecicum								X	X
1381		Dicranum viride	X	X		X		X			
1380		Distichophyllum carinatum		X							
1393		Drepanocladus vernicosus	X	X	X	X	X	X		X	X
1982		Encalypta mutica								X	X
1379		Mannia triandra	X					X			
1389		Meesia longiseta	X					X			X
1986		Orthotrichum lapponicum								X	X
1387		Orthotrichum rogeri	X		X	X	?	X			
1384		Riccia breidlereri	X				X	X			
1394		Scapania massalongi						X			
1399		Tayloria rudolphiana	X	X							
1988		Tortella rigens									X

- X Species present on the biogeographic territory of the Member States
Espèce présente sur le territoire biogéographique de l'Etat membre
- e Exception : species present in the Member States but not covered by Annex II
Exception : espèce présente dans l'Etat membre mais non couverte par l'Annexe II