

TERRESTRIAL BOREAL REGION

REFERENCE LIST

April 2018

Code	P	Description	EE	FI	LT	LV	SE
HABITAT TYPES							
1130		Estuaries	X	X	X		X
1140		Mudflats and sandflats not covered by seawater at low tide	X				X
1150	*	Coastal lagoons	X	X	X	X	X
1160		Large shallow inlets and bays	X	X			X
1210		Annual vegetation of drift lines	X	X		X	X
1220		Perennial vegetation of stony banks	X	X		X	X
1230		Vegetated sea cliffs of the Atlantic and Baltic Coasts	X	X		X	X
1310		Salicornia and other annuals colonizing mud and sand	X			X	X
1330		Atlantic salt meadows ( <i>Glauco-Puccinellietalia maritimae</i> )					X
1610		Baltic esker islands with sandy, rocky and shingle beach vegetation and sublittoral vegetation		X			X
1620		Boreal Baltic islets and small islands	X	X			X
1630	*	Boreal Baltic coastal meadows	X	X		X	X
1640		Boreal Baltic sandy beaches with perennial vegetation	X	X		X	X
1650		Boreal Baltic narrow inlets		X			X
2110		Embryonic shifting dunes	X	X	X	X	X
2120		Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ("white dunes")	X	X	X	X	X
2130	*	Fixed coastal dunes with herbaceous vegetation ("grey dunes")	X	X	X	X	X
2140	*	Decalcified fixed dunes with <i>Empetrum nigrum</i>	X	X	X	X	X
2170		Dunes with <i>Salix repens</i> ssp. <i>argentea</i> ( <i>Salicion arenariae</i> )			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
2320		Dry sand heaths with <i>Calluna</i> and <i>Empetrum nigrum</i>	X	X	X	X	X
2330		Inland dunes with open <i>Corynephorus</i> and <i>Agrostis</i> grasslands	X		X	X	X
3110		Oligotrophic waters containing very few minerals of sandy plains ( <i>Littorelletalia uniflorae</i> )	X	X			X
3130		Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of	X	X	X	X	X

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		the Isoëto-Nanojuncetea					
3140		Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.	X	X	X	X	X
3150		Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	X	X	X	X	X
3160		Natural dystrophic lakes and ponds	X	X	X	X	X
3180	*	Turloughs	X				
3190		Lakes of gypsum karst			X	X	
3210		Fennoscandian natural rivers		X			X
3220		Alpine rivers and the herbaceous vegetation along their banks		X			X
3260		Water courses of plain to montane levels with the Ranunculion fluitantis and Callitriche-Batrachion vegetation	X	X	X	X	X
3270		Rivers with muddy banks with Chenopodion rubri p.p. and Bidention p.p. vegetation			X	X	
4010		Northern Atlantic wet heaths with Erica tetralix				X	X
4030		European dry heaths	X	X	X	X	X
4060		Alpine and Boreal heaths		X			X
4080		Sub-Arctic Salix spp. scrub		X			X
5130		Juniperus communis formations on heaths or calcareous grasslands	X		X	X	X
6110	*	Rupicolous calcareous or basophilic grasslands of the Alysso-Sedion albi				X	X
6120	*	Xeric sand calcareous grasslands			X	X	X
6150		Siliceous alpine and boreal grasslands		X			X
6210		Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	X	X	X	X	X
6230	*	Species-rich Nardus grasslands, on siliceous substrates in mountain areas (and submountain areas, in Continental Europe)		X	X	X	X
6270	*	Fennoscandian lowland species-rich dry to mesic grasslands	X	X	X	X	X
6280	*	Nordic alvar and precambrian calcareous flatrocks	X	X			X
6410		Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	X	X	X	X	X
6430		Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	X	X	X	X	X
6450		Northern boreal alluvial meadows	X	X	X	X	X
6510		Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)	X	X	X	X	X

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6520		Mountain hay meadows					X
6530	*	Fennoscandian wooded meadows	X	X	X	X	X
7110	*	Active raised bogs	X	X	X	X	X
7120		Degraded raised bogs still capable of natural regeneration	X	X	X	X	X
7140		Transition mires and quaking bogs	X	X	X	X	X
7150		Depressions on peat substrates of the Rhynchosporion	X		X	X	
7160		Fennoscandian mineral-rich springs and springfens	X	X	X	X	X
7210	*	Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i>	X	X	X	X	X
7220	*	Petrifying springs with tufa formation ( <i>Cratoneurion</i> )	X	X	X	X	X
7230		Alkaline fens	X	X	X	X	X
7310	*	Aapa mires		X			X
7320	*	Palsa mires		X			
8110		Siliceous scree of the montane to snow levels ( <i>Androsacetalia alpinae</i> and <i>Galeopsietalia ladani</i> )		X			X
8120		Calcareous and calcshist screes of the montane to alpine levels ( <i>Thlaspietea rotundifolii</i> )					X
8210		Calcareous rocky slopes with chasmophytic vegetation	X	X	X	X	X
8220		Siliceous rocky slopes with chasmophytic vegetation	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
8240	*	Limestone pavements	X				X
8310		Caves not open to the public	X		X	X	X
9010	*	Western Taïga	X	X	X	X	X
9020	*	Fennoscandian hemiboreal natural old broad-leaved deciduous forests ( <i>Quercus</i> , <i>Tilia</i> , <i>Acer</i> , <i>Fraxinus</i> or <i>Ulmus</i> ) rich in epiphytes	X	X	X	X	X
9030	*	Natural forests of primary succession stages of landupheaval coast		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	X		X
9060		Coniferous forests on, or connected to, glaciofluvial eskers	X	X	X	X	X
9070		Fennoscandian wooded pastures	X	X	X		X
9080	*	Fennoscandian deciduous swamp woods	X	X	X	X	X
9110		<i>Luzulo-Fagetum</i> beech forests					X

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9130		Asperulo-Fagetum beech forests					X
9160		Sub-Atlantic and medio-European oak or oak-hornbeam forests of the <i>Carpinion betuli</i>			X	X	X
9180	*	Tilio-Acerion forests of slopes, screes and ravines	X	X	X	X	X
9190		Old acidophilous oak woods with <i>Quercus robur</i> on sandy plains		X	X		X
91D0	*	Bog woodland	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
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>Ulmion minoris</i> )	X		X	X	X
91T0		Central European lichen Scots pine forests			X		
<b>MAMMALS</b>							
1308		<i>Barbastella barbastellus</i>			X	X	X
1318		<i>Myotis dasycneme</i>	X		X	X	X
1352	*	<i>Canis lupus</i>					X
1354	*	<i>Ursus arctos</i>				X	
1355		<i>Lutra lutra</i>	X	X	X	X	X
1356	*	<i>Mustela lutreola</i>	X				
1361		<i>Lynx lynx</i>			X		X
1910	*	<i>Pteromys volans</i>	X	X		X	
1912	*	<i>Gulo gulo</i>		X			X
1913	*	<i>Phoca hispida saimensis</i>		X			
1937		<i>Rangifer tarandus fennicus</i>		X			
<b>REPTILES</b>							
1220		<i>Emys orbicularis</i>			X	X	
<b>AMPHIBIANS</b>							
1166		<i>Triturus cristatus</i>	X	X	X	X	X
1188		<i>Bombina bombina</i>			X	X	
<b>FISH</b>							
1096		<i>Lampetra planeri</i>			X	X	

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1099		Lampetra fluviatilis	X		X	X	
1103		Alosa fallax			X		
1106		Salmo salar	X		X	X	X
1130		Aspius aspius	X		X	X	X
1145		Misgurnus fossilis	X		X	X	
1146		Sabanejewia aurata			X		
1149		Cobitis taenia	X		X	X	X
1163		Cottus gobio	X		X	X	X
2522		Pelecus cultratus			X		
5339		Rhodeus amarus			X	X	
<b>INVERTEBRATES</b>							
1013		Vertigo geyeri	X	X	X	X	X
1014		Vertigo angustior	X	X	X	X	X
1015		Vertigo genesii	X	X		X	X
1016		Vertigo moulinsiana			X	X	
1029		Margaritifera margaritifera	X	X		X	X
1032		Unio crassus	X	X	X	X	X
1037		Ophiogomphus cecilia	X	X	X	X	X
1042		Leucorrhinia pectoralis	X	X	X	X	X
1060		Lycaena dispar	X	X	X	X	
1065		Euphydryas aurinia	X	X	X	X	X
1081		Dytiscus latissimus	X	X	X	X	X
1082		Graphoderus bilineatus	X	X	X	X	X
1083		Lucanus cervus					X
1084	*	Osmoderma eremita	X	X	X	X	X
1086		Cucujus cinnaberinus	X	X	X	X	X
1088		Cerambyx cerdo					X
1919		Agathidium pulchellum		X			X
1920		Boros schneideri	X	X	X	X	X

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1921		Corticaria planula		X			
1922		Macroplea pubipennis		X			
1923		Mesosa myops		X	X		
1924		Oxyporus mannerheimii	X	X	X	X	
1925		Pytho kolwensis		X			X
1926		Stephanopachys linearis	X	X		X	X
1927		Stephanopachys substriatus		X			X
1928		Xyletinus tremulicola	X	X			X
1929		Aradus angularis		X			X
1934		Xestia borealis		X			X
1935		Xestia brunneopicta		X			
1936		Anthrenochernes stellae				X	X
4021	*	Phryganophilus ruficollis		X		X	X
4038		Lycaena helle		X	X		X
4044	*	Xylomoia strix	X			X	
6169		Euphydryas maturna	X	X	X	X	X
6177		Phengaris teleius			X	X	
<b>PLANTS</b>							
1381		Dicranum viride	X	X	X	X	X
1383		Dichelyma capillaceum	X	X			X
1386		Buxbaumia viridis	X	X	X	X	X
1387		Orthotrichum rogeri					X
1389		Meesia longiseta		X			X
1394		Scapania massalongii					X
1419		Botrychium simplex		X	X	X	X
1437		Thesium ebracteatum	X		X	X	
1477		Pulsatilla patens	X	X	X	X	X
1493		Sisymbrium supinum	X				X
1516		Aldrovanda vesiculosa			X		

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1528		<i>Saxifraga hirculus</i>	X	X	X	X	X
1617		<i>Angelica palustris</i>	X			X	
1758		<i>Ligularia sibirica</i>	X			X	
1831		<i>Luronium natans</i>					X
1833		<i>Najas flexilis</i>	X	X	X	X	X
1902		<i>Cypripedium calceolus</i>	X	X	X	X	X
1903		<i>Liparis loeselii</i>	X	X	X	X	X
1939		<i>Agrimonia pilosa</i>	X	X	X	X	
1940	*	<i>Alisma wahlenbergii</i>		X			X
1941		<i>Arctagrostis latifolia</i>		X			
1942		<i>Arctophila fulva</i>		X			X
1943		<i>Arenaria ciliata</i> subsp. <i>pseudofrigida</i>		X			
1945		<i>Artemisia campestris</i> subsp. <i>bottnica</i>		X			X
1946		<i>Artemisia oelandica</i>					X
1948		<i>Calamagrostis chalybaea</i>					X
1949		<i>Calypso bulbosa</i>		X			X
1950		<i>Carex holostoma</i>		X			
1951		<i>Cinna latifolia</i>	X	X		X	X
1952		<i>Corydalis gotlandica</i>					X
1953		<i>Crepis tectorum</i> subsp. <i>nigrescens</i>		X			
1954		<i>Dianthus arenarius</i> subsp. <i>arenarius</i>	X		X	X	
1955		<i>Diplazium sibiricum</i>		X			X
1957		<i>Draba cinerea</i>		X			
1960		<i>Hippuris tetraphylla</i>		X			X
1962		<i>Moehringia lateriflora</i>	X	X			X
1963		<i>Najas tenuissima</i>		X		X	
1966		<i>Persicaria foliosa</i>		X			X
1968		<i>Primula nutans</i>		X			X
1970		<i>Pulsatilla vulgaris</i> subsp. <i>gotlandica</i>					X

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1971		<i>Puccinellia phryganodes</i>		X			
1972		<i>Ranunculus lapponicus</i>		X			X
1973		<i>Saxifraga osloensis</i>					X
1974		<i>Senecio jacobaea</i> subsp. <i>gotlandicus</i>					X
1975		<i>Silene furcata</i> subsp. <i>angustiflora</i>		X			X
1976		<i>Sorbus teodori</i>		X			X
1979		<i>Bryhnia novae-angliae</i>					X
1980		<i>Cephalozia macounii</i>		X			X
1981		<i>Cynodontium suecicum</i>		X			X
1982		<i>Encalypta mutica</i>	X	X			X
1983		<i>Hamatocaulis lapponicus</i>		X		X	X
1984		<i>Herzogiella turfacea</i>		X			X
1985		<i>Hygrohypnum montanum</i>					X
1987		<i>Plagiomnium drummondii</i>		X			
1988		<i>Tortella rigens</i>	X				X
2216		<i>Linaria loeselii</i>			X	X	
4066		<i>Asplenium adulterinum</i>		X			X
4086		<i>Saussurea alpina</i> subsp. <i>esthonica</i>	X			X	
4115		<i>Rhinanthus osiliensis</i>	X				X
6216		<i>Hamatocaulis vernicosus</i>	X	X	X	X	X