

Habitats checklist and their overall conservation status

P = present

Code	Habitat short name	Annex	ALP	PAN
1340	Inland salt meadows	I*	P	P
1530	Pannonic salt steppes and salt marshes	I*		P
2340	Pannonic inland dunes	I*		P
3130	Oligo to mesotrophic waters (Littorelletea/Isoeto-Nano)	I	P	P
3140	Hard oligo-mesotrophic waters with benthic Chara spp.	I	P	P
3150	Natural eutrophic lakes Magnopotamion/ Hydrochachition	I	P	P
3160	Natural dystrophic lakes and ponds	I	P	P
3220	Alpine rivers & herbaceous veg. along their banks	I	P	
3230	Alpine rivers & ligneous veg. with Myricaria germanica	I	P	
3240	Alpine rivers & ligneous vegetation with Salix eleagnos	I	P	
3260	Water courses of plain to montane level (Ranunculion..)	I	P	P
3270	Rivers with muddy banks (Chenopodion rubri & Bidention)	I	P	P
4030	European dry heaths	I	P	P
4060	Alpine and Boreal heaths	I	P	
4070	Bushes with Pinus mugo and Rhododendron hirsutum	I*	P	
4080	Sub-Arctic Salix spp. scrub	I	P	
40A0	Subcontinental peri-Pannonic scrub	I*	P	P
5130	Juniperus communis formations on heaths/calcar. grassl.	I	P	P
6110	Rupicolous calcareous/basophilic grassl. Alysso-Sedion	I*	P	P
6120	Xeric sand calcareous grasslands	I*		P
6150	Siliceous alpine and boreal grasslands	I	P	
6170	Alpine and subalpine calcareous grasslands	I	P	
6190	Rupicolous Pann. grassl. Stipo-Festucetalia pallentis	I	P	P
6210	Seminatural dry grassl. & scrubland facies on calc. sub	I	P	P
6230	Species-rich Nardus grasslands, on siliceous substrates	I*	P	
6240	Sub-continental steppic grasslands	I*	P	P
6250	Pannonic loess steppic grasslands	I*	P	P
6260	Pannonic sand steppes	I*		P
6410	Molinia meadows on calc./peaty/clavey-silt-ladean soils	I	P	P
6430	Hydrophilous tall herb fringe comm. of plains & montane	I	P	P
6440	Alluvial meadows of river valleys of the Cnidion dubii	I		P
6510	Lowland hay meadows (Alopecurus pratensis, Sanguisorba)	I	P	P
6520	Mountain hay meadows	I	P	
7110	Active raised bogs	I*	P	
7120	Degraded raised bogs capable of natural regeneration	I	P	
7140	Transition mires and quaking bogs	I	P	P
7150	Depressions on peat substrates of the Rhynchosporion	I		P
7210	Calc. fens with Cladium mariscus & Caricion davallianae	I*	P	
7220	Petrifying springs with tufa formation (Cratoneurion)	I*	P	
7230	Alkaline fens	I	P	P
8110	Siliceous scree of the montane to snow levels	I	P	
8120	Calcareous & calcshist screes of montane to alpine lev.	I	P	
8150	Medio-European upland siliceous screes	I	P	P
8160	Medio-European calcareous scree of hill & montane level	I*	P	P
8210	Calcareous rocky slopes with chasmophytic vegetation	I	P	P
8220	Siliceous rocky slopes with chasmophytic vegetation	I	P	P
8230	Siliceous rock with pioneer veg. Sedo-Sclerathion/Veron	I	P	P
8310	Caves not open to the public	I	P	P

Code	Habitat short name	Annex	ALP	PAN
9110	Luzulo-Fagetum beech forests	I	P	P
9130	Asperulo-Fagetum beech forests	I	P	P
9140	Medio-Europ. subalp. beech woods Acer & Rumex arifolius	I	P	
9150	Medio-Europ. limestone beech forests Cephalanthero-Fagi	I	P	P
9170	Galio-Carpinetum oak-hornbeam forests	I	P	
9180	Tilio-Acerion forest of slopes, screes and ravines	I*	P	P
9190	Old acidophilous oak woods with Q. robur on sandy plain	I		P
91D0	Bog woodland	I*	P	
91E0	Alluvial forests with Alnus glutinosa & F. excelsior	I*	P	P
91F0	Riparian mixed forest of Quercus robur, Ulmus laevis..	I	P	P
91G0	Pannonic woods with Q. petraea & Carpinus betululus	I*	P	P
91H0	Pannonian woods with Quercus pubescens	I*	P	P
91I0	Euro-Siberian steppic woods with Quercus spp.	I*	P	P
91M0	Pannonian-Balkan turkey oak-sessile oak forests	I	P	P
91N0	Pann. inland sand dune thicket Junipero-Populetum albae	I*		P
91Q0	Western Carpathian calcicolous Pinus sylvestris forests	I	P	
9410	Acidophilous Picea forests of montane to alpine levels	I	P	
9420	Alpine Larix decidua and/or Pinus cembra forests	I	P	

Species checklist and their overall conservation status

P = present, Blue background = not reported

EX = extinct (probably extinct) after Habitat Directive came into force

Species group	Code	Species name	Annex			ALP	PAN
Non-vascular plants	1386	<i>Buxbaumia viridis</i>	II			P	
	1381	<i>Dicranum viride</i>	II			P	
	1393	<i>Drepanocladus vernicosus</i>	II			P	
	1400	<i>Leucobryum glaucum</i>			V	P	P
	1379	<i>Mannia triandra</i>	II			P	
	4119	<i>Ochyraea tatrensis</i>	II			P	
	1394	<i>Scapania massolongi</i>	II			P	
	1409	<i>Sphagnum</i> spp.			V	P	P
	1988	<i>Tortella rigens</i>	II			P	
	Ferns and fern allies	4066	<i>Asplenium adulterinum</i>	II	IV		P
1413		<i>Lycopodium</i> spp.			V	P	P
1428		<i>Marsilea quadrifolia</i>	II	IV			P
Flowering plants	4109	<i>Aconitum firmum</i> ssp. <i>moravicum</i>	II	IV		P	
	4068	<i>Adenophora liliifolia</i>	II	IV		P	P
	1617	<i>Angelica palustris</i>	II	IV			P
	1614	<i>Apium repens</i>	II	IV			P
	5109	<i>Artemisia eriantha</i>			V	P	
	4070	<i>Campanula serrata</i>	II*	IV		P	
	4081	<i>Cirsium brachycephalum</i>	II	IV			P
	4090	<i>Cochlearia tatrae</i>	II*	IV		P	
	2285	<i>Colchicum arenarium</i>	II	IV			P
	4091	<i>Crambe tataria</i>	II	IV			P
	4107	<i>Cyclamen fatrense</i>	II*	IV		P	
	1902	<i>Cypripedium calceolus</i>	II	IV		P	P
	2159	<i>Daphne arbuscula</i>	II*	IV		P	
	4075	<i>Dianthus lumnitzeri</i>	II*	IV		P	P
	2074	<i>Dianthus nitidus</i>	II*	IV		P	
	1689	<i>Dracocephalum austriacum</i>	II	IV		P	P
	4067	<i>Echium russicum</i>	II	IV		P	P
	1898	<i>Eleocharis carniolica</i>	II	IV		P	
	2170	<i>Ferula sadleriana</i>	II*	IV		P	
	1866	<i>Galanthus nivalis</i>			V	P	P
	4096	<i>Gladiolus palustris</i>	II	IV			P
	4104	<i>Himantoglossum adriaticum</i>	II	IV		P	P
	2327	<i>Himantoglossum caprinum</i>	II	IV		P	P
	4097	<i>Iris aphylla</i> ssp. <i>hungarica</i>	II	IV		P	P
	4098	<i>Iris humilis</i> ssp. <i>arenaria</i>	II	IV			P
	1758	<i>Ligularia sibirica</i>	II	IV		P	
	1725	<i>Lindernia procumbens</i>		IV			P
	1903	<i>Liparis loeselii</i>	II	IV		P	P
	2203	<i>Onosma tornensis</i>	II*	IV		P	P
	2093	<i>Pulsatilla grandis</i>	II	IV		P	P
	1477	<i>Pulsatilla patens</i>	II	IV		P	P
	4110	<i>Pulsatilla pratensis</i> ssp. <i>hungarica</i>	II*	IV			P
	2094	<i>Pulsatilla slavica</i>	II*	IV		P	
	4111	<i>Pulsatilla subslavica</i>	II*	IV		P	P
	4087	<i>Serratula lycopifolia</i>	II*	IV		P	

Species group	Code	Species name	Annex			ALP	PAN
	4088	<i>Tephrosieris longifolia</i> ssp. <i>moravica</i>	II	IV		P	
	2120	<i>Thlaspi jankae</i>	II	IV		P	P
	4116	<i>Tozzia carpathica</i>	II	IV		P	
Molluscs	4056	<i>Anisus vorticulus</i>	II	IV			P
	1026	<i>Helix pomatia</i>			V	P	P
	4063	<i>Sadleriana pannonica</i>	II	IV		P	P
	1032	<i>Unio crassus</i>	II	IV		P	P
	1014	<i>Vertigo angustior</i>	II			P	P
	1013	<i>Vertigo geyeri</i>	II			P	
	1016	<i>Vertigo moulinsiana</i>	II			P	P
Annelids	1034	<i>Hirudo medicinalis</i>			V		P
Arthropods	1091	<i>Astacus astacus</i>			V	P	P
	1093	<i>Austropotamobius torrentium</i>	II*		V	P	
	4011	<i>Bolbelasmus unicornis</i>	II	IV		P	P
	1920	<i>Boros schneideri</i>	II			P	
	1078	<i>Callimorpha quadripunctaria</i>	II*			P	P
	4013	<i>Carabus hungaricus</i>	II	IV			P
	4014	<i>Carabus variolosus</i>	II	IV		P	P
	4015	<i>Carabus zawadzskii</i>	II	IV		P	
	1088	<i>Cerambyx cerdo</i>	II	IV		P	P
	4045	<i>Coenagrion ornatum</i>	II			P	P
	1070	<i>Coenonympha hero</i>		IV		P	
	4030	<i>Colias myrmidone</i>	II	IV		P	P
	4046	<i>Cordulegaster heros</i>	II	IV		P	P
	1086	<i>Cucujus cinnaberinus</i>	II	IV		P	P
	4032	<i>Dioszeghyana schmidtii</i>	II	IV			P
	4018	<i>Duvalius hungaricus</i>	II	IV		P	P
	1074	<i>Eriogaster catax</i>	II	IV		P	P
	1082	<i>Graphoderus bilineatus</i>	II	IV		P	P
	1052	<i>Hypodryas maturna</i>	II	IV		P	P
	4050	<i>Isophya stysi</i>	II	IV		P	P
	4036	<i>Leptidea morsei</i>	II	IV		P	P
	1042	<i>Leucorrhinia pectoralis</i>	II	IV		P	P
	1079	<i>Limoniscus violaceus</i>	II			P	P
	1067	<i>Lopinga achine</i>		IV		P	P
	1083	<i>Lucanus cervus</i>	II			P	P
	1060	<i>Lycaena dispar</i>	II	IV		P	P
	1058	<i>Maculinea arion</i>		IV		P	P
	1061	<i>Maculinea nausithous</i>	II	IV		P	P
	1059	<i>Maculinea teleius</i>	II	IV		P	P
	4052	<i>Odontopodisma rubripes</i>	II	IV		P	P
	1037	<i>Ophiogomphus cecilia</i>	II	IV		P	P
	1084	<i>Osmoderma eremita</i>	II*	IV		P	P
	4053	<i>Paracaloptenus caloptenoides</i>	II	IV		P	
	1057	<i>Parnassius apollo</i>		IV		P	
	1056	<i>Parnassius mnemosyne</i>		IV		P	P
	4054	<i>Pholidoptera transsylvanica</i>	II	IV		P	
	4022	<i>Probaticus subrugosus</i>	II	IV			P
	1076	<i>Proserpinus proserpina</i>		IV		P	P
	4024	<i>Pseudogaurotina excellens</i>	II*	IV		P	
	4026	<i>Rhysodes sulcatus</i>	II			P	P
	1087	<i>Rosalia alpina</i>	II*	IV		P	P
	1050	<i>Saga pedo</i>		IV		P	P

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	4055	<i>Stenobothrus eurasius</i>	II	IV		P	P
	1040	<i>Stylurus flavipes</i>		IV			P
	1039	<i>Sympetma braueri</i>		IV		P	
	1053	<i>Zerynthia polyxena</i>		IV		P	P
Fish	1130	<i>Aspius aspius</i>	II		V	P	P
	5085	<i>Barbus barbuis</i>			V	P	P
	1138	<i>Barbus meridionalis</i>	II		V	P	P
	1149	<i>Cobitis taenia</i>	II			P	P
	1163	<i>Cottus gobio</i>	II			P	P
	4123	<i>Eudontomyzon danfordi</i>	II			P	P
	2484	<i>Eudontomyzon mariae</i>	II			P	P
	1124	<i>Gobio albipinnatus</i>	II			P	P
	2511	<i>Gobio kessleri</i>	II			P	P
	1122	<i>Gobio uranoscopus</i>	II			P	P
	2555	<i>Gymnocephalus baloni</i>	II	IV			P
	1157	<i>Gymnocephalus schraetzer</i>	II		V	P	P
	1105	<i>Hucho hucho</i>	II		V	P	P
	1096	<i>Lampetra planeri</i>	II			P	
	1145	<i>Misgurnus fossilis</i>	II			P	P
	2522	<i>Pelecus cultratus</i>	II		V		P
	1134	<i>Rhodeus sericeus amarus</i>	II			P	P
	1114	<i>Rutilus pigus</i>	II		V	P	P
	1146	<i>Sabanejewia aurata</i>	II			P	P
	1109	<i>Thymallus thymallus</i>			V	P	
	2011	<i>Umbra krameri</i>	II				P
	1160	<i>Zingel streber</i>	II			P	P
	1159	<i>Zingel zingel</i>	II		V		P
Amphibians	1188	<i>Bombina bombina</i>	II	IV		P	P
	1193	<i>Bombina variegata</i>	II	IV		P	P
	1201	<i>Bufo viridis</i>		IV		P	P
	1203	<i>Hyla arborea</i>		IV		P	P
	1197	<i>Pelobates fuscus</i>		IV		P	P
	1214	<i>Rana arvalis</i>		IV			P
	1209	<i>Rana dalmatina</i>		IV		P	P
	1210	<i>Rana esculenta</i>			V	P	P
	1207	<i>Rana lessonae</i>		IV		P	P
	1212	<i>Rana ridibunda</i>			V	P	P
	1213	<i>Rana temporaria</i>			V	P	P
	1166	<i>Triturus cristatus</i>	II	IV		P	
	1993	<i>Triturus dobrogicus</i>	II	IV		P	P
	2001	<i>Triturus montandoni</i>	II	IV		P	
Reptiles	1276	<i>Ablepharus kitaibelii</i>		IV			P
	1283	<i>Coronella austriaca</i>		IV		P	P
	1281	<i>Elaphe longissima</i>		IV		P	P
	1220	<i>Emys orbicularis</i>	II	IV			P
	1261	<i>Lacerta agilis</i>		IV		P	P
	1263	<i>Lacerta viridis</i> (including <i>L. bilineata</i>)		IV		P	P
	5037	<i>Lacerta vivipara pannonica</i>		IV			P
	1292	<i>Natrix tessellata</i>		IV		P	P
	1256	<i>Podarcis muralis</i>		IV		P	P
Mammals	1308	<i>Barbastella barbastellus</i>	II	IV		P	P
	2647	<i>Bison bonasus</i>	II*	IV		P	
	1352	<i>Canis lupus</i>	II*		V	P	P

Species group	Code	Species name	Annex			ALP	PAN
	1337	<i>Castor fiber</i>	II	IV		P	P
	1339	<i>Cricetus cricetus</i>		IV		P	P
	1342	<i>Dryomys nitedula</i>		IV		P	P
	1313	<i>Eptesicus nilssonii</i>		IV		P	
	1327	<i>Eptesicus serotinus</i>		IV		P	P
	1363	<i>Felis silvestris</i>		IV		P	P
	1355	<i>Lutra lutra</i>	II	IV		P	P
	1361	<i>Lynx lynx</i>	II	IV		P	P
	4003	<i>Marmota marmota latirostris</i>	II*	IV		P	
	1357	<i>Martes martes</i>			V	P	P
	4004	<i>Microtus oeconomus mehelyi</i>	II*	IV			P
	2612	<i>Microtus tatricus</i>	II	IV		P	
	1310	<i>Miniopterus schreibersii</i>	II	IV		P	P
	1341	<i>Muscardinus avellanarius</i>		IV		P	P
	2633	<i>Mustela eversmanii</i>	II	IV		P	P
	1358	<i>Mustela putorius</i>			V	P	P
	1323	<i>Myotis bechsteinii</i>	II	IV		P	P
	1307	<i>Myotis blythii</i>	II	IV		P	P
	1320	<i>Myotis brandtii</i>		IV		P	P
	1318	<i>Myotis dasycneme</i>	II	IV		P	P
	1314	<i>Myotis daubentonii</i>		IV		P	P
	1321	<i>Myotis emarginatus</i>	II	IV		P	P
	1324	<i>Myotis myotis</i>	II	IV		P	P
	1330	<i>Myotis mystacinus</i>		IV		P	P
	1322	<i>Myotis nattereri</i>		IV		P	P
	1328	<i>Nyctalus lasiopterus</i>		IV		P	P
	1331	<i>Nyctalus leisleri</i>		IV		P	P
	1312	<i>Nyctalus noctula</i>		IV		P	P
	1317	<i>Pipistrellus nathusii</i>		IV		P	P
	1309	<i>Pipistrellus pipistrellus</i>		IV		P	P
	5009	<i>Pipistrellus pygmaeus</i>		IV		P	P
	1326	<i>Plecotus auritus</i>		IV		P	P
	1329	<i>Plecotus austriacus</i>		IV		P	P
	1305	<i>Rhinolophus euryale</i>	II	IV		P	P
	1304	<i>Rhinolophus ferrumequinum</i>	II	IV		P	P
	1303	<i>Rhinolophus hipposideros</i>	II	IV		P	P
	4006	<i>Rupicapra rupicapra tatrica</i>	II*	IV		P	
	1343	<i>Sicista betulina</i>		IV		P	
	1335	<i>Spermophilus citellus</i>	II	IV		P	P
	1354	<i>Ursus arctos</i>	II*	IV		P	
	1332	<i>Vespertilio murinus</i>		IV		P	P

Species and habitats that are not included in the lists above

MAR = marginal habitat

PEX = extinct (probably extinct) prior Habitat Directive came into force

OCC = occasional, vagrant or marginal species

INT = introduced species

NA = species not listed in the annexes of the Habitat Directive

Habitat code/ Species name	Region	Status
<i>Euphydryas aurinia</i>	ALP	OCC
<i>Euphydryas aurinia</i>	PAN	OCC
<i>Gladiolus palustris</i>	ALP	OCC
<i>Myotis alcaethoe</i>	PAN	OCC
<i>Pipistrellus kuhli</i>	PAN	OCC
<i>Pipistrellus savii</i>	PAN	OCC
<i>Rutilus frisii meidingeri</i>	PAN	OCC
<i>Sicista subtilis</i>	PAN	OCC