

TERRESTRIAL PANNONIAN REGION  
**REFERENCE LIST**

January 2022

Code	P	Description	CZ	HU	RO	SK
<b>HABITAT TYPES</b>						
1340	*	Inland salt meadows	X			X
1530	*	Pannonic salt steppes and salt marshes		X	X	X
2190		Humid dune slacks			X	
2330		Inland dunes with open <i>Corynephorus</i> and <i>Agrostis</i> grasslands	X			
2340	*	Pannonic inland dunes		X	X	X
3130		Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of the <i>Isoëto-Nanojuncetea</i>	X	X	X	X
3140		Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp.	X			X
3150		Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> - type vegetation	X	X	X	X
3160		Natural dystrophic lakes and ponds		X	X	X
31A0	*	Transylvanian hot-spring lotus beds			X	
3260		Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitricho-Batrachion</i> vegetation	X	X	X	X
3270		Rivers with muddy banks with <i>Chenopodion rubri</i> p.p. and <i>Bidention</i> p.p. vegetation	X	X	X	X
4030		European dry heaths	X	X		X
40A0	*	Subcontinental peri-Pannonic scrub	X	X	X	X
5130		<i>Juniperus communis</i> formations on heaths or calcareous grasslands	X	X		X
6110	*	Rupicolous calcareous or basophilic grasslands of the <i>Alysso-Sedion albi</i>	X	X		X
6120	*	Xeric sand calcareous grasslands			X	X
6190		Rupicolous pannonic grasslands ( <i>Stipo-Festucetalia pallentis</i> )	X	X		X
6210		Semi-natural dry grasslands and scrubland facies on calcareous substrates ( <i>Festuco-Brometalia</i> ) (* important orchid sites)	X	X		X
6230	*	Species-rich <i>Nardus</i> grasslands, on siliceous substrates in mountain areas (and submountain areas, in Continental Europe)		X		
6240	*	Sub-Pannonic steppic grasslands	X	X		X
6250	*	Pannonic loess steppic grasslands	X	X		X
6260	*	Pannonic sand steppes	X	X	X	X

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6410		Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	X	X	X	X
6430		Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	X	X	X	X
6440		Alluvial meadows of river valleys of the Cnidion dubii	X	X	X	X
6510		Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)	X	X	X	X
6520		Mountain hay meadows		X		
7110	*	Active raised bogs		X		
7140		Transition mires and quaking bogs		X		X
7150		Depressions on peat substrates of the Rhynchosporion				SR
7210	*	Calcareous fens with Cladium mariscus and species of the Caricion davallianae		X		X
7220	*	Petrifying springs with tufa formation (Cratoneurion)		X		
7230		Alkaline fens		X		X
8150		Medio-European upland siliceous screes		X		X
8160	*	Medio-European calcareous scree of hill and montane levels	X	X		X
8210		Calcareous rocky slopes with chasmophytic vegetation	X	X		X
8220		Siliceous rocky slopes with chasmophytic vegetation	X	X		X
8230		Siliceous rock with pioneer vegetation of the Sedo-Scleranthion or of the Sedo albi-Veronicion dillenii	X	X		X
8310		Caves not open to the public	X	X		X
9110		Luzulo-Fagetum beech forests		X		X
9130		Asperulo-Fagetum beech forests		X		X
9150		Medio-European limestone beech forests of the Cephalanthero-Fagion		X		X
9170		Galio-Carpinetum oak-hornbeam forests	X			
9180	*	Tilio-Acerion forests of slopes, screes and ravines	X	X		X
9190		Old acidophilous oak woods with Quercus robur on sandy plains				X
91E0	*	Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	X	X	X	X
91F0		Riparian mixed forests of Quercus robur, Ulmus laevis and Ulmus minor, Fraxinus excelsior or Fraxinus angustifolia, along the great rivers (Ulmenion minoris)	X	X	X	X
91G0	*	Pannonic woods with Quercus petraea and Carpinus betulus	X	X		X
91H0	*	Pannonian woods with Quercus pubescens	X	X		X
91I0	*	Euro-Siberian steppic woods with Quercus spp.	X	X	X	X

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91K0		Illyrian <i>Fagus sylvatica</i> forests (Aremonio-Fagion)		X		
91L0		Illyrian oak-hornbeam forests (Erythronio-Carpinion)		X		
91M0		Pannonian-Balkan turkey oak-sessile oak forests		X		X
91N0	*	Pannonic inland sand dune thicket (Junipero-Populetum albae)		X		X
91T0		Central European lichen Scots pine forests				X
92A0		<i>Salix alba</i> and <i>Populus alba</i> galleries			X	
<b>MAMMALS</b>						
1303		<i>Rhinolophus hipposideros</i>	X	X	X	X
1304		<i>Rhinolophus ferrumequinum</i>		X	X	X
1305		<i>Rhinolophus euryale</i>		X		X
1307		<i>Myotis blythii</i>	SR	X		X
1308		<i>Barbastella barbastellus</i>	X	X		X
1310		<i>Miniopterus schreibersii</i>		X		X
1318		<i>Myotis dasycneme</i>		X	X	X
1321		<i>Myotis emarginatus</i>	X	X		X
1323		<i>Myotis bechsteinii</i>	X	X		X
1324		<i>Myotis myotis</i>	X	X		X
1335		<i>Spermophilus citellus</i>	X	X	X	X
1337		<i>Castor fiber</i>	X	X	X	X
1352	*	<i>Canis lupus</i>		X		X
1355		<i>Lutra lutra</i>	X	X	X	X
1361		<i>Lynx lynx</i>		X		X
2021		<i>Sicista subtilis</i>		X		
2633		<i>Mustela eversmanii</i>	SR	X	X	X
4004	*	<i>Microtus oeconomus mehelyi</i>		X		X
<b>REPTILES</b>						
1220		<i>Emys orbicularis</i>		X	X	X
4121	*	<i>Vipera ursinii rakosiensis</i>		X		
<b>AMPHIBIANS</b>						

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1166		<i>Triturus cristatus</i>	X	X	X	SR
1167		<i>Triturus carnifex</i>	X	X		
1188		<i>Bombina bombina</i>	X	X	X	X
1193		<i>Bombina variegata</i>	SR	X	X	X
1993		<i>Triturus dobrogicus</i>	X	X	X	X
<b>FISH</b>						
1098		<i>Eudontomyzon spp.</i>		X		
1105		<i>Hucho hucho</i>		X		X
1130		<i>Aspius aspius</i>	X	X	X	X
1138		<i>Barbus meridionalis</i>		X		
1145		<i>Misgurnus fossilis</i>	X	X	X	X
1146		<i>Sabanejewia aurata</i>		X	X	
1149		<i>Cobitis taenia</i>	X	X	X	X
1157		<i>Gymnocephalus schraetzer</i>	X	X	X	X
1159		<i>Zingel zingel</i>	X	X	X	X
1160		<i>Zingel streber</i>	X	X	X	X
1163		<i>Cottus gobio</i>		X		X
2011		<i>Umbra krameri</i>		X	X	X
2484		<i>Eudontomyzon mariae</i>				X
2485		<i>Eudontomyzon vladykovi</i>			SR	
2522		<i>Pelecus cultratus</i>	X	X	X	X
2555		<i>Gymnocephalus baloni</i>	X	X	X	X
4123		<i>Eudontomyzon danfordi</i>				X
5197		<i>Sabanejewia balcanica</i>				X
5264		<i>Barbus carpathicus</i>				X
5329		<i>Romanogobio vladykovi</i>	X	X	X	X
5339		<i>Rhodeus amarus</i>	X	X	X	X
5345		<i>Rutilus virgo</i>		X		X
6143		<i>Romanogobio kesslerii</i>		X	X	X

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6145		<i>Romanogobio uranoscopus</i>		X	X	X
<b>INVERTEBRATES</b>						
1014		<i>Vertigo angustior</i>	X	X		X
1016		<i>Vertigo moulinsiana</i>	X	X		X
1032		<i>Unio crassus</i>	X	X	X	X
1037		<i>Ophiogomphus cecilia</i>	X	X	X	X
1042		<i>Leucorhinia pectoralis</i>		X		X
1059		<i>Maculinea teleius</i>	SR	X	X	X
1060		<i>Lycaena dispar</i>	X	X	X	X
1061		<i>Maculinea nausithous</i>	SR	X		X
1065		<i>Euphydryas aurinia</i>		X		
1071		<i>Coenonympha oedippus</i>		X		
1074		<i>Eriogaster catax</i>	X	X	X	X
1079		<i>Limoniscus violaceus</i>		X		X
1082		<i>Graphoderus bilineatus</i>		X		X
1083		<i>Lucanus cervus</i>	X	X	X	X
1084	*	<i>Osmoderma eremita</i>	X	X		X
1086		<i>Cucujus cinnaberinus</i>	X	X		X
1087	*	<i>Rosalia alpina</i>		X		X
1088		<i>Cerambyx cerdo</i>	X	X	X	X
1093	*	<i>Austropotamobius torrentium</i>		X		
4011		<i>Bolbelasmus unicornis</i>	X	X		X
4012		<i>Carabus hampei</i>		X		
4013		<i>Carabus hungaricus</i>	X	X	X	X
4014		<i>Carabus variolosus</i>		X		X
4015		<i>Carabus zawadzki</i>		X		
4016		<i>Dorcadion fulvum cervae</i>		X		
4017		<i>Duvalius gebhardti</i>		X		
4018		<i>Duvalius hungaricus</i>		X		X

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4020		<i>Pilemia tigrina</i>		X		
4022		<i>Probaticus subrugosus</i>		X		
4026		<i>Rhysodes sulcatus</i>		X		X
4027		<i>Arytrura musculus</i>		X	X	
4028		<i>Catopta thrips</i>		X		
4029		<i>Chondrosoma fiduciarium</i>		X		
4030		<i>Colias myrmidone</i>		X		X
4031		<i>Cucullia mixta</i>		X		
4032		<i>Dioszeghyana schmidtii</i>		X	X	X
4033		<i>Erannis ankeraria</i>		X		
4034		<i>Glyphipterix loricatella</i>		X		
4035		<i>Gortyna borelii lunata</i>		X	X	
4036		<i>Leptidea morsei</i>		X		X
4037		<i>Lignyopectera fumidaria</i>		X		
4039	*	<i>Nymphalis vaualbum</i>			X	
4040		<i>Phyllometra culminaria</i>		X		
4041		<i>Polymixis rufocincta isolata</i>		X		
4045		<i>Coenagrion ornatum</i>		X	X	X
4046		<i>Cordulegaster heros</i>		X		X
4048		<i>Isophya costata</i>		X	X	X
4050		<i>Isophya stysi</i>		X	X	X
4052		<i>Odontopodisma rubripes</i>		X	X	X
4053		<i>Paracaloptenus caloptenoides</i>		X		X
4054		<i>Pholidoptera transsylvanica</i>		X		X
4055		<i>Stenobothrus eurasius</i>		X		X
4056		<i>Anisus vorticulus</i>	X	X	X	X
4057		<i>Chilostoma banaticum</i>		X	X	
4059		<i>Hygromia kovacsi</i>		X		
4062	*	<i>Paladilhia hungarica</i>		X		

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4063		<i>Sadleriana pannonica</i>		X		X
4064		<i>Theodoxus transversalis</i>		X		
6169		<i>Euphydryas maturna</i>		X	X	X
6199	*	<i>Euplagia quadripunctaria</i>	X	X	X	X
6908		<i>Morimus asper funereus</i>		X		X
<b>PLANTS</b>						
1379		<i>Mannia triandra</i>		X		
1381		<i>Dicranum viride</i>		X		
1386		<i>Buxbaumia viridis</i>		X		
1428		<i>Marsilea quadrifolia</i>		X	X	X
1477		<i>Pulsatilla patens</i>		X		X
1516		<i>Aldrovanda vesiculosa</i>		X	X	
1614		<i>Apium repens</i>		X		X
1617		<i>Angelica palustris</i>		X	X	X
1689		<i>Dracocephalum austriacum</i>	X	X		X
1832		<i>Caldesia parnassifolia</i>		X		
1898		<i>Eleocharis carniolica</i>		X	X	
1902		<i>Cypripedium calceolus</i>	X	X		X
1903		<i>Liparis loeselii</i>		X		X
1917	*	<i>Artemisia pancicii</i>	X			
2093		<i>Pulsatilla grandis</i>	X	X		X
2097		<i>Paeonia officinalis subsp. banatica</i>		X		
2120		<i>Thlaspi jankae</i>		X		X
2156	*	<i>Linum dolomiticum</i>		X		
2170	*	<i>Ferula sadleriana</i>		X		
2188		<i>Vincetoxicum pannonicum</i>		X		
2203	*	<i>Onosma tornensis</i>		X		X
2285		<i>Colchicum arenarium</i>		X		X
4068		<i>Adenophora lilifolia</i>		X	X	X

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4074	*	<i>Dianthus diutinus</i>		X		
4075	*	<i>Dianthus lumnitzeri</i>	X	X		X
4076	*	<i>Dianthus moravicus</i>	X			
4077		<i>Dianthus plumarius subsp. regis-stephani</i>		X		
4081		<i>Cirsium brachycephalum</i>	X	X	X	X
4091		<i>Crambe tataria</i>	X	X		X
4096		<i>Gladiolus palustris</i>	X	X		X
4097		<i>Iris aphylla subsp. hungarica</i>		X	X	X
4098		<i>Iris humilis subsp. arenaria</i>	X	X	X	X
4104		<i>Himantoglossum adriaticum</i>		X		X
4110	*	<i>Pulsatilla pratensis subsp. hungarica</i>		X	X	X
4112	*	<i>Pyrus magyarica</i>		X		
4118		<i>Seseli leucospermum</i>		X		
6282	*	<i>Klasea lycopifolia</i>	X	X		
6927		<i>Himantoglossum jankae</i>		X		X
6948		<i>Pontechium maculatum subsp. maculatum</i>	X	X		X