

National Summary for Article 17 - Slovakia

1 General information

1.1 Number of SCIs and SACs

The table below provides the total number and total area of sites proposed and designated under the Habitats Directive (Sites of Community Importance, SCIs & Special Areas of Conservation, SACs), terrestrial area of sites and number and area of marine sites (i.e. any site with a marine component).

Empty cells in tables mean that the component requested is not applicable.

	All		Terrestrial	Marine	
	No.	Area (km ²)	Area (km ²)	No.	Area (km ²)
SCIs & SACs	473	584349.84	584349.84	0	0
SACs only	305	384933.17	384933.17	0	0
Date of database used: 31-10-2012					

1.2 Number of sites with comprehensive management plans (Art. 6(1))

Number of sites for which comprehensive management plans have been adopted: **8**

Percentage of network area covered by comprehensive management plans: **1%**

Number of sites for which management plans are under preparation (optional): **131**

2. Number of habitats and species/subspecies

The table in this section gives the number of habitat types and species/subspecies in each Annex of the Habitats Directive by biogeographical and marine regions in Slovakia. The species and habitats with the following presence status are included in the table: 'present', species of which taxonomy is not clear (SR TAX), species where the link to the corresponding name in the Habitats Directive is not clear (LR), species extinct after the Directive came into force (EX) and optional reports (OP).

Region	HABITATS		SPECIES					
	Annex I		Annex II		Annex IV		Annex V	
	Non-priority	Priority	Non-priority	Priority	Including those in Annex II	Excluding those in Annex II	Including those in Annex II	Excluding those in Annex II
Number of habitats & species in the MS	44	22	110	23	138	44	24	15
	66		133		138		24	
Alpine	41	16	92	21	117	39	21	14
Pannonian	28	16	89	8	109	40	21	13

Additional information:

Number of assessments of marginal habitat types: **none**

Number of assessments of marginal & occasional species: **4**

Number of assessments of newly arriving species: **none**

Number of species regionally extinct prior the Habitats Directive came into force: **23**

Number of species regionally extinct after the Habitats Directive came into force: **none**

Number of species globally extinct after the Habitats Directive came into force: **none**

Number of assessments of species/habitat types for which no reports received: **none**

3. Information on Conservation status

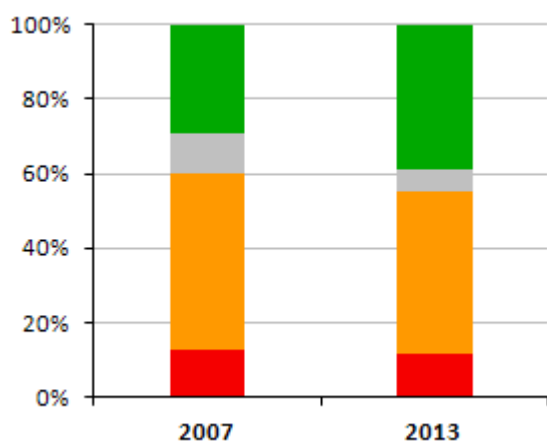
Please note that the figures shown for 2001-2006 and 2007-2012 are not necessarily directly comparable because there can be differences in number of assessments between the reporting rounds, changes in how some features were allocated in biogeographical regions etc.

The following have been excluded from all statistics under section 3:

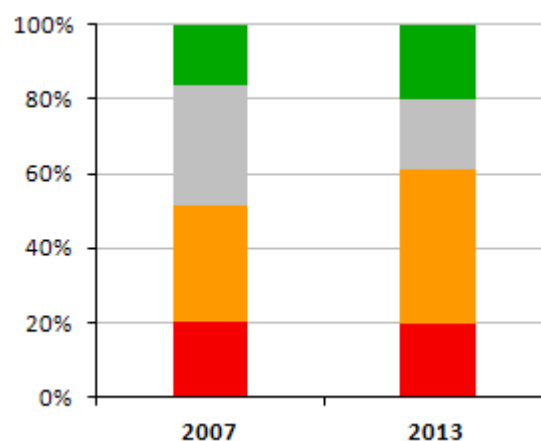
- Habitats reported as marginal (MAR) or with scientific reserve (SR)
- Species reported as marginal (MAR), occasional (OCC), newly arriving (ARR), regionally extinct before the Habitats Directive came into force (PEX) and introduced species (INT). In addition reports that give only an information about species without evaluation of the conservation status
- Redundant reports provided for both marine and terrestrial regions for habitats and species and species for which only one, either terrestrial or marine report was expected (IRM).

3.1 a) Overall assessment of conservation status of habitats and species (%)

These figures show the percentage of biogeographical assessments in each category of conservation status for habitats and species, respectively. The information on which these figures are based are presented in the table below the figures (real values).



Conservation status of **habitats**



Conservation status of **species**

■ FV - Favourable ■ NA - Not reported ■ XX - Unknown ■ U1 - Unfavourable inadequate ■ U2 - Unfavourable bad

Year of assessment	HABITATS					SPECIES				
	FV	NA	XX	U1	U2	FV	NA	XX	U1	U2
2007	30		11	48	13	52		103	100	65
2013	39		6	44	12	63		60	130	63

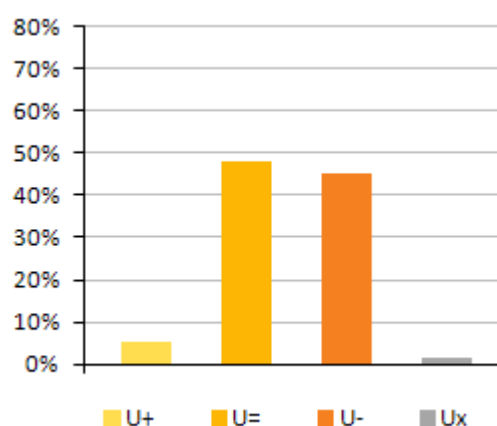
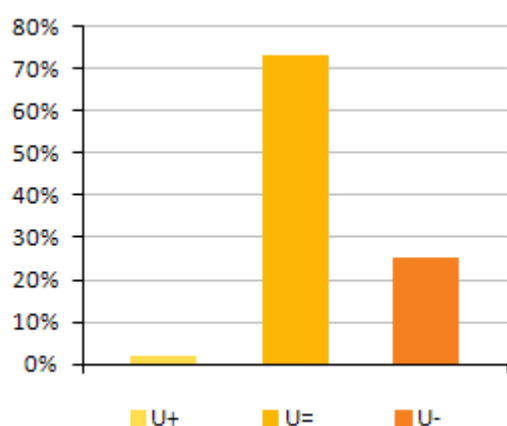
3.1 b) Percentage of assessments where the conservation status has changed between the reporting periods

This table shows the percentage of assessments where the Member State has indicated a change between two reporting rounds (2001-2006 and 2007-2012) and the percentages of all reported changes where the change has been reported as a genuine change. Change can be either a change from one conservation status category to another or a change within the same category (within the qualifiers '-', '+', '=', 'x'). Data have been taken from the 'audit trail table' where the Member State indicates the nature of change. The Member State's results on this audit trail are shown under section 7.

	SPECIES	HABITAT TYPES
% of assessments that changed	24%	23%
% of total changes considered genuine	4%	3%

3.2 Improving/deteriorating trends of habitats and species with an unfavourable conservation status (%)

These figures show the proportion of unfavourable assessments (U1 & U2) which are improving, deteriorating, stable or unknown.



Habitats – overall trend in Conservation Status

Species – overall trend in Conservation Status

U (+) = unfavourable (inadequate and bad) improving, U (=) = unfavourable stable, U (-) = unfavourable declining, U (x) = unfavourable unknown trend

This table shows trends in conservation status of habitats & species separately for those cases where the overall conclusion is unfavourable inadequate (U1) and unfavourable bad (U2).

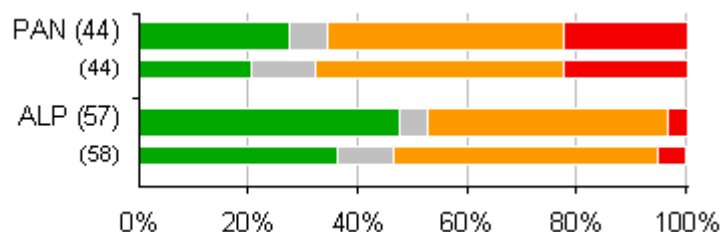
Qualifiers of CS	U1+	U1=	U1-	U1x	U2+	U2=	U2-	U2x
Habitats		36	8		1	5	6	
Species	9	66	52	3	1	27	35	

Note: U1+ = unfavourable-inadequate improving, U1= = unfavourable-inadequate stable, U1- = unfavourable-inadequate declining, U1x = unfavourable-inadequate trend unknown, U2+ = unfavourable-bad improving, U2= = unfavourable-bad stable, U2- = unfavourable-bad declining, U2x = unfavourable-bad trend unknown

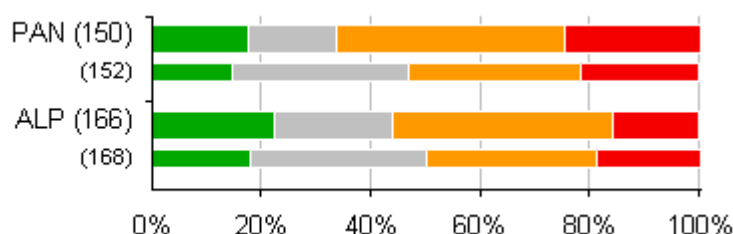
3.3 Overall assessment of conservation status of habitats and species by biogeographical/marine region (%)

These figures show the percentage of assessments in each of conservation status category by biogeographical and marine region, for habitats and species, respectively.

Please note that some habitats reported as terrestrial in 2001-2006 have been reported as marine in 2007-2012 (e.g. estuaries). Some species (e.g. seals, marine turtles) which in some cases were reported for both marine and terrestrial regions were only reported for one region in 2007-2012 (this statement only applies to Member States with marine regions).



Conservation status of **habitats** in biogeographical and marine regions



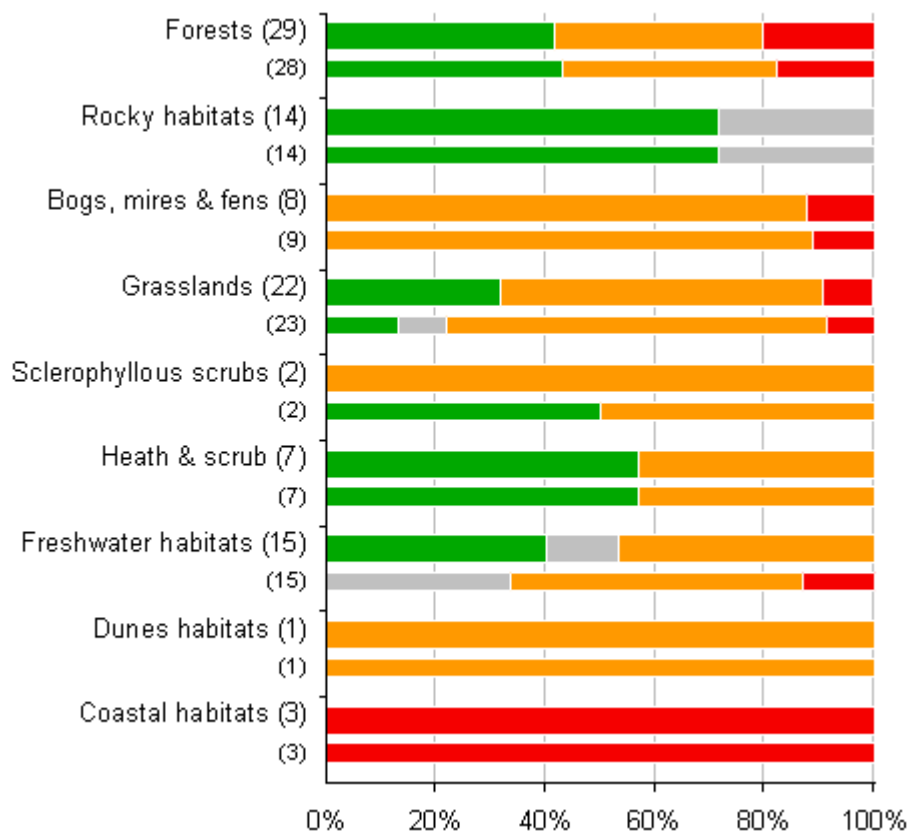
Conservation status of **species** in biogeographical and marine regions

Note: wide bar corresponds to the 2007-2012 reporting period, and the narrow bar to the 2001-2006 reporting period. The number in brackets corresponds to the number of biogeographical assessments in the category.

3.4 Overall assessment of conservation status by habitat category/species group (%)

These figures show the percentage of biogeographical and marine assessments in each conservation status category by habitat category and by taxonomic group, for habitats and species, respectively.

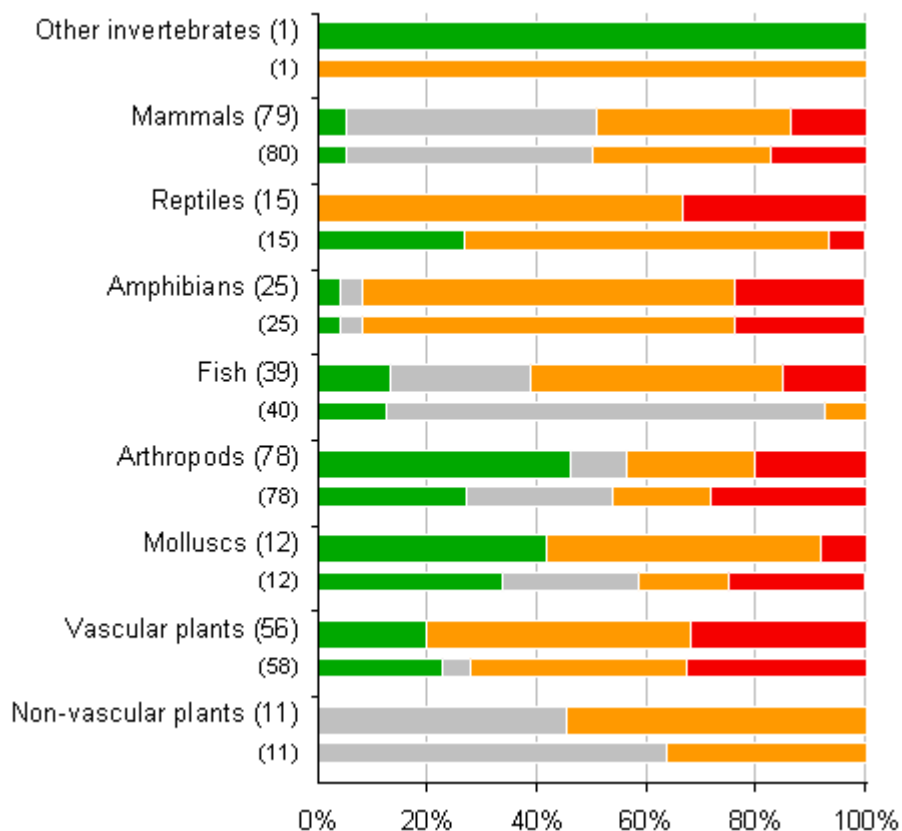
The figures show the proportion of assessments in each conservation status class for 2007-2012 (upper bar) and 2001-2006 (lower bar). The information (number of assessments) on which these figures are based are presented in the tables below each figure (real values).

HabitatsConservation status of **habitats** in biogeographical and marine regions

Note: wide bar corresponds to the 2007-2012 reporting period, and the narrow bar to the 2001-2006 reporting period. The number in brackets corresponds to the number of biogeographical assessments in the category.

Group	Year of assessment	HABITATS				
		FV	NA	XX	U1	U2
Forests	2007	12			11	5
	2013	12			11	6
Rocky habitats	2007	10		4		
	2013	10		4		
Bogs, mires & fens	2007				8	1
	2013				7	1
Grasslands	2007	3		2	16	2
	2013	7			13	2
Sclerophyllous scrubs	2007	1			1	
	2013				2	
Heath & scrub	2007	4			3	
	2013	4			3	
Freshwater habitats	2007			5	8	2
	2013	6		2	7	
Dunes habitats	2007				1	
	2013				1	
Coastal habitats	2007					3
	2013					3

NB: Coastal habitats cover coastal and halophytic habitats (code 1xxx) and Dunes habitat types cover coastal sand dunes and inland dunes (code 2xxx) as listed in the Habitats Directive

SpeciesConservation status of **species** in biogeographical and marine regions

Note: wide bar corresponds to the 2007-2012 reporting period, and the narrow bar to the 2001-2006 reporting period. The number in brackets corresponds to the number of biogeographical assessments in the category.

Group	Year of assessment	SPECIES				
		FV	NA	XX	U1	U2
Other invertebrates	2007				1	
	2013	1				
Mammals	2007	4	36	26	14	
	2013	4	36	28	11	
Reptiles	2007	4		10	1	
	2013			10	5	
Amphibians	2007	1	1	17	6	
	2013	1	1	17	6	
Fish	2007	5	32	3		
	2013	5	10	18	6	
Arthropods	2007	21	21	14	22	
	2013	36	8	18	16	
Molluscs	2007	4	3	2	3	
	2013	5		6	1	
Vascular plants	2007	13	3	23	19	
	2013	11		27	18	
Non-vascular plants	2007		7	4		
	2013		5	6		

3.5 Reasons for change in reported values of parameters (%)

This table provides information on reasons for changes of values reported for the parameters 'Range', 'Area (habitat)', 'Population' and 'Habitat for the species' between reporting periods 2001-2006 and 2007-2012. The table gives the percentage of habitats/species assessments for which a particular reason for change in values was reported. The reporting format lists three principal reasons for change: genuine change, better knowledge/data and use of different method.

Reason for change	Habitats		Species/subspecies		
	Surface area of range	Surface area of habitat	Surface area of range	Population size	Area of habitat for the species
Genuine change		4	2		3
Better knowledge/data	23	50	26	16	23
Use of different method	100	31	100	11	1

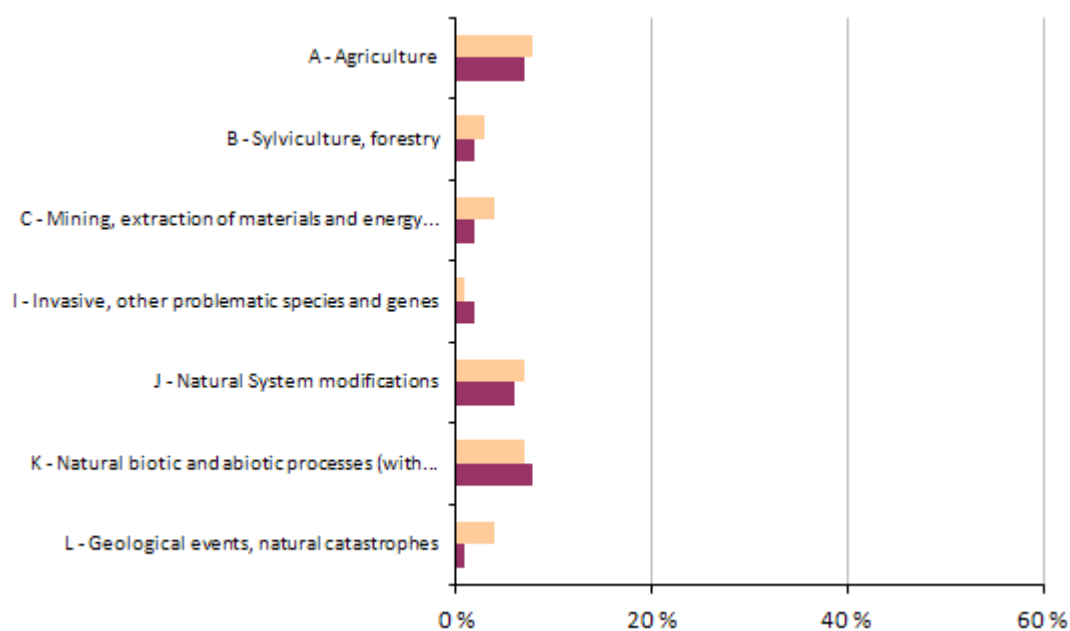
Note: More than one reason for change can be reported for each habitat and species.

4 Frequency of main pressures and threats (%) ¹

This section provides information on the relative importance of pressures and threats (aggregated to level 1) reported for habitats and species. The figures show the percentage of biogeographical assessments reported as being affected by one or more pressures or threats categorised as of 'high importance'. The information for the number of pressures and threats on which these figures are based are presented in the tables below the figures.

¹ The following have been excluded:

- Habitats reported as marginal or with scientific reserve.
- Species reported as marginal, occasional, newly arriving, regionally extinct before the Habitats Directive came into force and introduced species. In addition reports that give only an information about species without evaluation of the conservation status.
- Redundant reports provided for both marine and terrestrial regions for habitats and species and species for which only one, either terrestrial or marine report was expected.



% of **habitat assessments** reported as being affected by one or more 'high' importance pressures/threats

■ pressure ■ threat

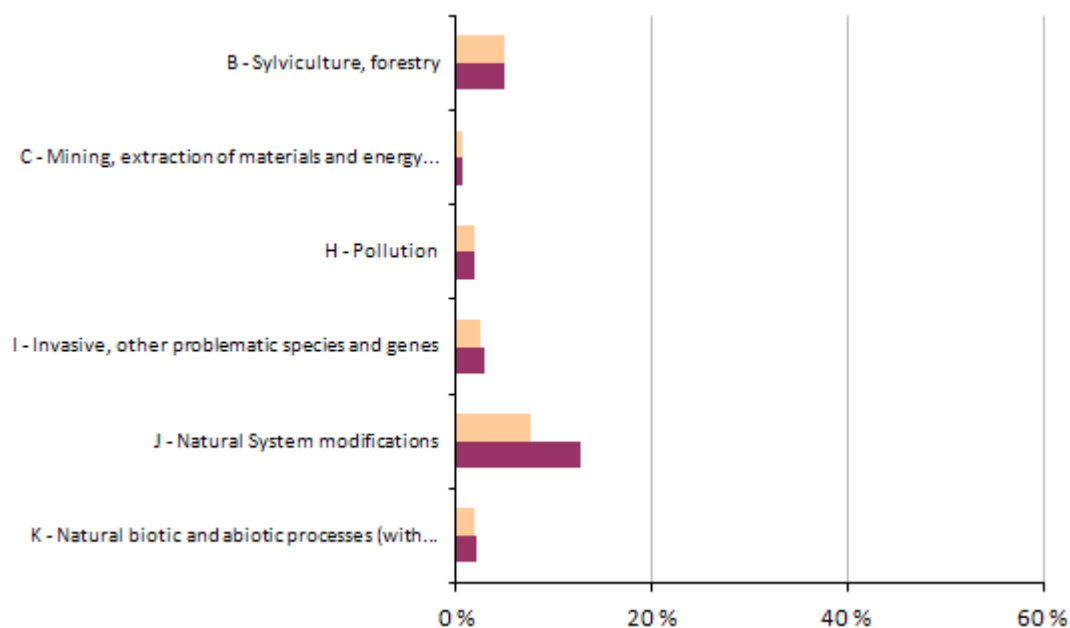
Note: Threats and pressures categories not reported are omitted.

Total number of assessments considered in the calculation: **101**

Number of assessments with no high ranking threats (or no threats at all reported): **82**

Number of assessment with no high ranking pressures (or no pressures at all): **79**

Pressures and threats	HABITATS	
	Number of threats	Number of pressures
A - Agriculture	7	8
B - Sylviculture, forestry	2	3
C - Mining, extraction of materials and energy production	2	4
I - Invasive, other problematic species and genes	2	1
J - Natural System modifications	6	7
K - Natural biotic and abiotic processes (without catastrophes)	8	7
L - Geological events, natural catastrophes	1	4



% of **species assessments** reported as being affected by one or more 'high' importance pressures/threats

■ pressure ■ threat

Note: Threats and pressures categories not reported are omitted.

Total number of assessments considered in the calculation: **316**

Number of assessments with no high ranking threats (or no threats at all reported): **245**

Number of assessment with no high ranking pressures (or no pressures at all): **260**

Pressures and threats	SPECIES	
	Number of threats	Number of pressures
B - Sylviculture, forestry	16	16
C - Mining, extraction of materials and energy production	2	2
H - Pollution	6	6
I - Invasive, other problematic species and genes	9	8
J - Natural System modifications	40	24
K - Natural biotic and abiotic processes (without catastrophes)	7	6

5 Natura 2000 coverage and conservation measures ²

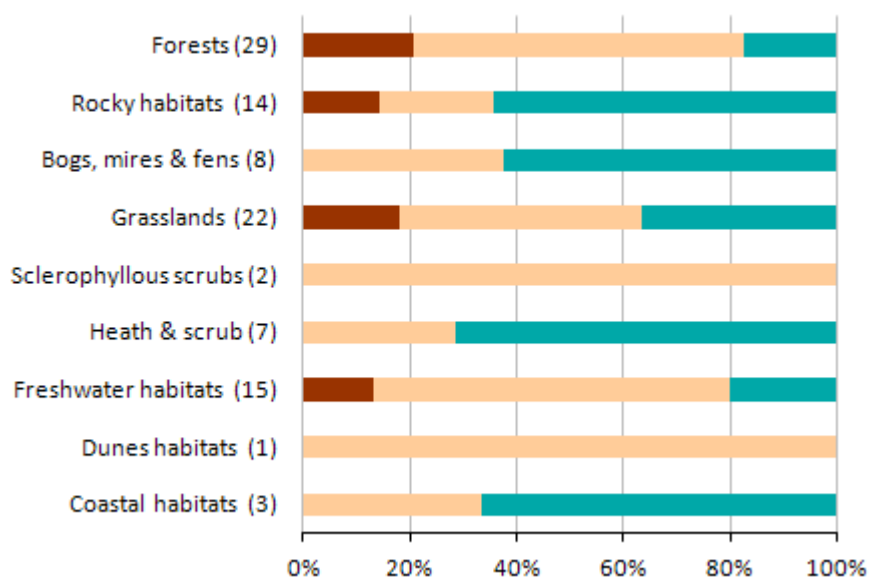
Note: The figures under section 5 cover only Annex I habitat types and Annex II species.

5.1 Natura 2000 coverage (%)

This section presents statistics on the coverage of Annex I habitats and Annex II species in Natura 2000 sites by habitat category/species group. These figures show the percentage of habitats/species assessments in three classes based on coverage by Natura 2000 sites, for habitats and species, respectively. The geometric mean is used if Member States have reported minimum and maximum values. The information for the number of assessments per coverage by Natura 2000 on which these figures are based are presented in the tables below the figures (real values). Please note that these statistics are based on Article 17 data and are independent from the results of the Biogeographical Seminars.

² The following have been excluded:

- Habitats reported as marginal or with scientific reserve.
- Species reported as marginal, occasional, newly arriving, regionally extinct before the Habitats Directive came into force and introduced species. In addition reports that give only an information about species without evaluation of the conservation status.
- Redundant reports provided for both marine and terrestrial regions for habitats and species and species for which only one, either terrestrial or marine report was expected.

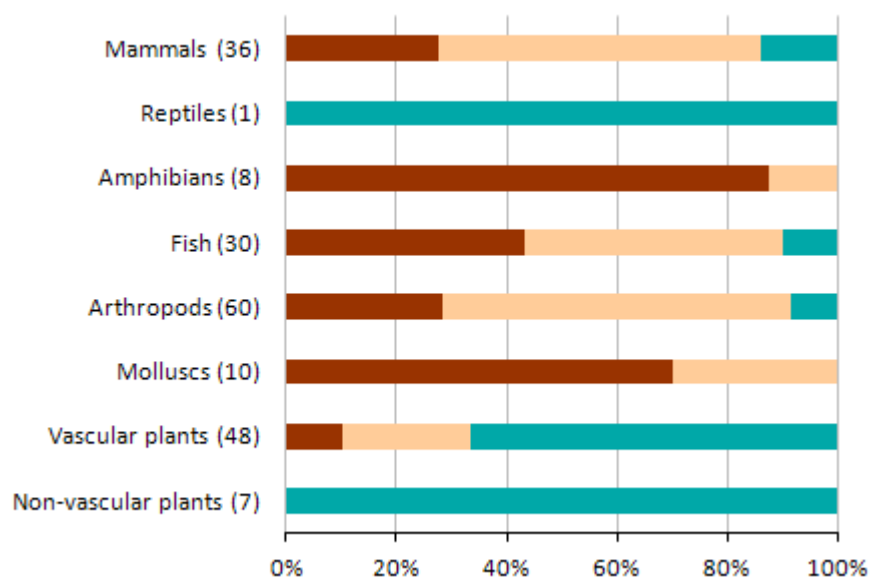


% of **habitat assessments** in 3 classes of coverage by Natura 2000 sites

coverage by Natura 2000 sites : ■ 0-24% ■ 25-74% ■ 75-100%

Note: The number in brackets corresponds to the number of biogeographical assessments in the habitat category.

Group	HABITATS			
	0-24%	25-74%	75-100%	unknown
Forests	6	18	5	
Rocky habitats	2	3	9	
Bogs, mires & fens		3	5	
Grasslands	4	10	8	
Sclerophyllous scrubs		2		
Heath & scrub		2	5	
Freshwater habitats	2	10	3	
Dunes habitats		1		
Coastal habitats		1	2	



% of **species assessments** in 3 classes of coverage by Natura 2000 sites

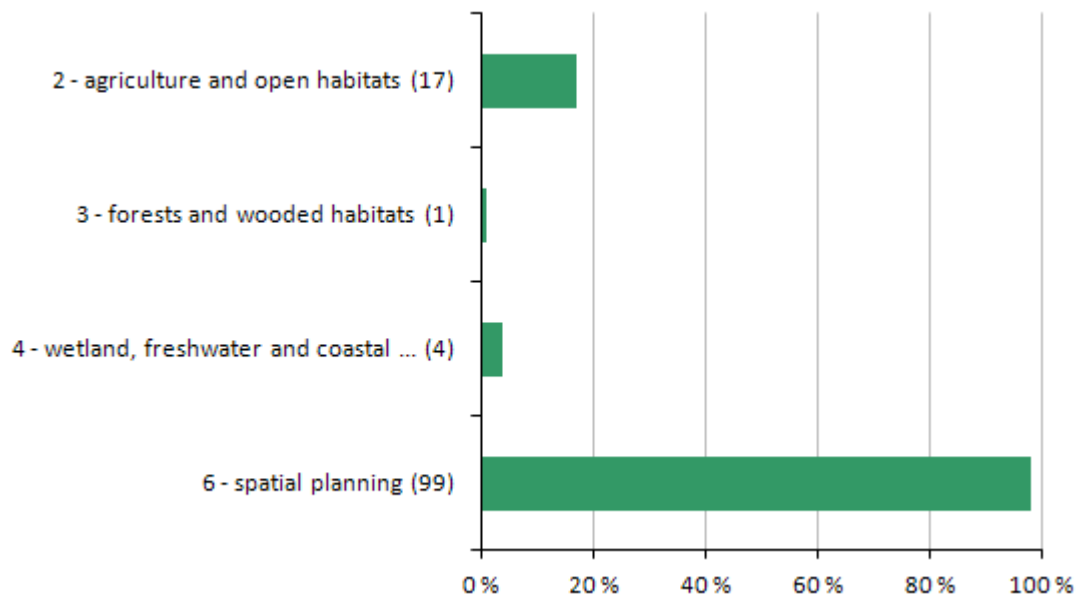
coverage by Natura 2000 sites : ■ 0-24% ■ 25-74% ■ 75-100%

Note: The number in brackets corresponds to the number of biogeographical assessments in the species category.

Group	SPECIES			
	0-24%	25-74%	75-100%	unknown
Mammals	10	21	5	1
Reptiles			1	
Amphibians	7	1		
Fish	13	14	3	6
Arthropods	17	38	5	1
Molluscs	7	3		
Vascular plants	5	11	32	2
Non-vascular plants			7	

5.2 Main conservation measures (%)

This section provides information on the relative importance of conservation measures at level 1 implemented during the reporting period 2007-2012 for Annex I habitats and Annex II species. The figures show the percentage of biogeographical assessments for which one or more 'high importance' conservation measures was implemented. Measures not reported are omitted.

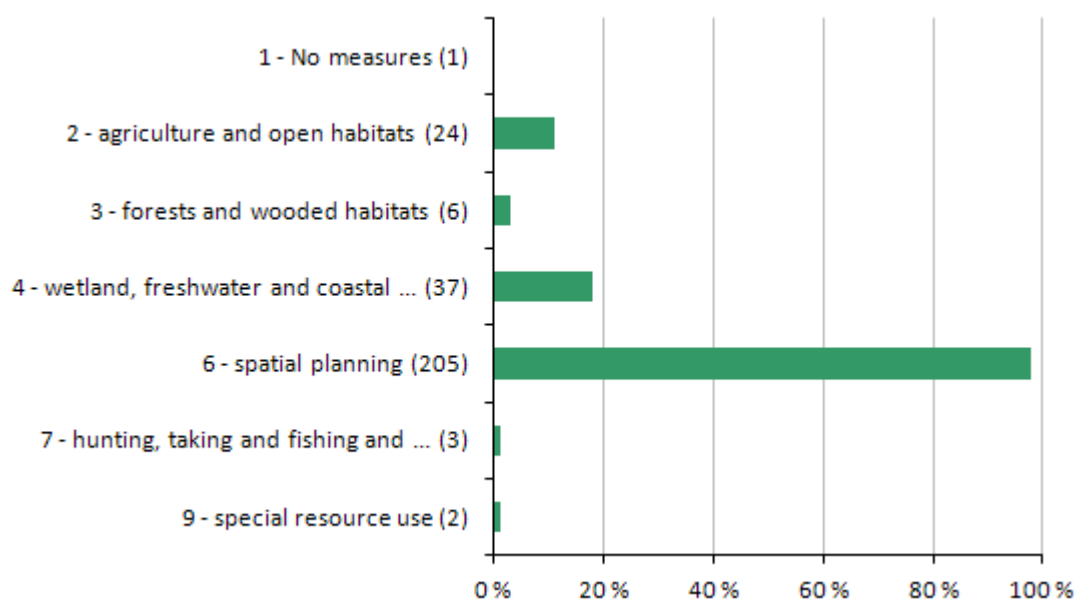


% of **habitat assessments** for which one or more
'high' importance measures were reported

Note: Numbers in brackets correspond to the number of assessments where measure 1, 2, etc. is noted as being of high importance. Occasional and extinct habitat types have been included in calculations.

Total number of assessments considered in the calculation: **101**

Number of assessments with no high ranking conservation measures or no conservation measures at all reported: **2**



% of **species assessments** for which one or more 'high' importance measures were reported

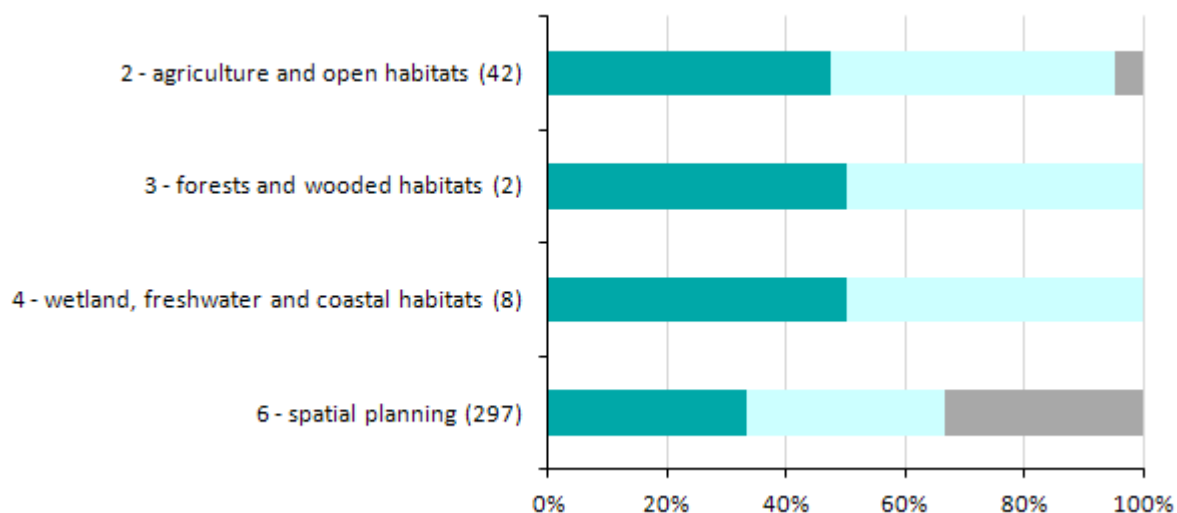
Note: Numbers in brackets correspond to the number of assessments where measure 1, 2, etc. is noted as being of high importance. Occasional and extinct species have been included in calculations.

Total number of assessments considered in the calculation: **210**

Number of assessments with no high ranking conservation measures or no conservation measures at all reported: **4**

5.3 Impact of conservation measures (%)

This section provides information on the effects of implemented conservation measures for each level 1 measure category. The figures show, for each level 1 measure category, the frequency of reported effects. The information for the number of assessments per measure category on which these figures are based are presented in the tables below the figures (full names of the measures are shown in the tables).

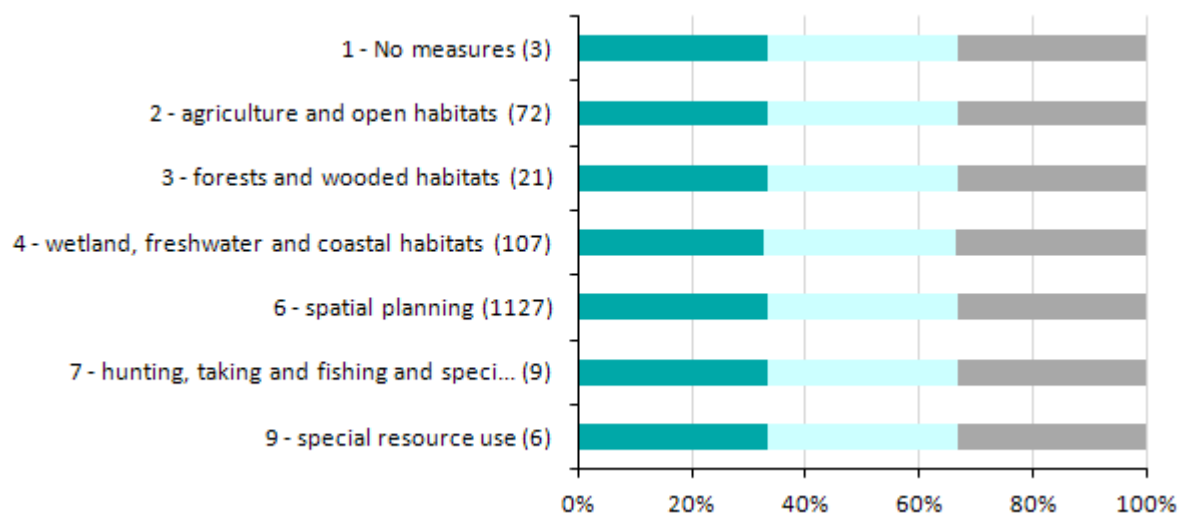


% of **habitat assessments** for which a particular effect of a measure was reported

■ maintain ■ enhance ■ longterm ■ no effect ■ unknown or not evaluated

Note: The numbers in brackets correspond to the numbers of biogeographical assessments for which one or more 'high' importance measure was reported.

Measure	HABITATS				
	maintain	enhance	longterm	no effect	unknown or not evaluated
2 - Measures related to agriculture and open habitats	20	20	2		
3 - Measures related to forests and wooded habitats	1	1			
4 - Measures related to wetland, freshwater and coastal habitats	4	4			
6 - Measures related to spatial planning	99	99	99		



% of **species assessments** for which a particular effect of a measure was reported

■ maintain ■ enhance ■ longterm ■ no effect ■ unknown or not evaluated

Note: The numbers in brackets correspond to the numbers of biogeographical assessments for which one or more 'high' importance measure was reported.

Measure	SPECIES				
	maintain	enhance	longterm	no effect	unknown or not evaluated
1 - No measures	1	1	1		
2 - Measures related to agriculture and open habitats	24	24	24		
3 - Measures related to forests and wooded habitats	7	7	7		
4 - Measures related to wetland, freshwater and coastal habitats	35	36	36		
6 - Measures related to spatial planning	377	377	373		
7 - Measures related to hunting, taking and fishing and species management	3	3	3		
9 - Measures related to special resource use	2	2	2		

6 Data quality and completeness ³

The aim of this section is to provide an overview of the data gaps in the report; most of these gaps are due to insufficient knowledge. This section does not refer to potential errors or technical problems in the Member State's report and concentrates on what is relevant for evaluating data completeness.

The tables give percentages of habitats/species assessments with unknown or missing information for components of conservation status and conclusions.

³ The statistics on missing information take into account that for the plant species listed in Annex V at the genus level only 'Overall assessment of conservation status' and 'Overall trend' are mandatory. The same approach was used for the species extinct after the Habitats Directive came into force.

6.1 a) Percentage of mandatory information that is missing (%)**Habitats**

Habitat range	Area	0
	Trend	0
	Reference value	0
	Conclusion	0
Habitat area	Area	0
	Trend	0
	Reference value	0
	Conclusion	0
Structure & functions	Conclusion	0
Future prospects	Conclusion	0
Pressures & threats		0
Natura 2000	Coverage	0
	Measures	0
Overall	Conclusion	0
	Trend	0
	Maps	0

Species

Species range	Area	0
	Trend	0
	Reference value	0
	Conclusion	0
Species population	Size	0
	Trend	0
	Reference value	0
	Conclusion	0
Habitat for species	Area	0
	Trend	0
	Area of suitable habitat*	38
	Conclusion	0
Future prospects	Conclusion	0
Pressures & threats		0
Natura 2000	Coverage	0
	Measures	0
Overall	Conclusion	0
	Trend	0
	Maps	0

*This field is a mandatory field in the reporting format, however there is an inconsistency between the reporting format and the evaluation matrix as raised in the FAQ dated 14.2.2013

6.1 b) Percentage of mandatory information reported as unknown (%)**Habitats**

Habitat range	Area	0
	Trend	9
	Reference value	0
	Conclusion	6
Habitat area	Area	0
	Trend	10
	Reference value	1
	Conclusion	11
Structure & functions	Conclusion	6
Future prospects	Conclusion	9
Pressures & threats		0
Natura 2000	Coverage	0
	Measures	0
Overall	Conclusion	6
	Trend	0
	Maps	0

Species

Species range	Area	0
	Trend	18
	Reference value	0.6
	Conclusion	20
Species population	Size	0
	Trend	24
	Reference value	0.6
	Conclusion	26
Habitat for species	Area	0
	Trend	29
	Area of suitable habitat*	0
	Conclusion	21
Future prospects	Conclusion	31
Pressures & threats		0
Natura 2000	Coverage	0
	Measures	0
Overall	Conclusion	19
	Trend	2
	Maps	0

*This field is a mandatory field in the reporting format, however there remained an inconsistency between the reporting format and the evaluation matrix as raised in the FAQ dated 14.2.2013

6.2 Methods used to estimate values or trends in Member State reports (%)

This section presents information about the quality of estimated values and trends in habitat and species biogeographical reports. For some parameters and trends, the reporting format requires an indication of which of three methods (complete survey or a statistically robust estimate, partial data with some extrapolation and/or modelling, expert opinion with no or minimal sampling) have been used to estimate the values or trends. The tables in this section present percentage of habitats/species assessments for which values were estimated by each of the three methods mentioned above.

Habitats

	Map	Range	Area	Area trend	Str.&Funct.	N2000	Average
Expert opinion (%)	16	12	14	14	0	0	9
Extrapolation (%)	80	88	84	85	100	100	90
Complete survey (%)	4	0	2	1	0	0	1
Absent data (%)	0	0	0	0	0	0	0

Species

	Map	Range	Population	Pop. trend	Habitat	N2000*	Average
Expert opinion (%)	1	29	29	32	38	1	22
Extrapolation (%)	84	71	54	53	47	79	65
Complete survey (%)	15	0	16	14	15	20	14
Absent data (%)	0	0	0	0	0	0	0

*This column covers only Annex II species

Source of information:

[Link to the national general report on CDR](#)

[Link to the national report for habitats on CDR](#)

[Link to the national report for species on CDR](#)

Other links (national links to be provided by the Member State)

7. List of habitats and species reported and their conservation status

This section lists habitats and species reported by the Member State and the overall conclusions on their conservation status for the reporting period 2001-2006 (indicated as 2007) and 2007-2012 (indicated as 2013). Information from the audit trail has been used for this list and its focus is on what was reported in 2013.

There are two tables for habitats and species if relevant for the Member State. The second table includes only habitats or species with a status OCC, SR, MAR etc. Please note that occurrences e.g. OCC if only reported in 2007, are included only in the second table.

In addition the list includes information provided by the Member State on the nature of change in the overall conservation status between the reporting periods.

The codes are the following :

- a = there is a genuine change: the overall conservation status improved (or deteriorated) due to natural or non-natural reasons (management, intervention, etc.)
- b1 = the change observed is due to more accurate data (e.g. better mapping of distribution) or improved knowledge (e.g. on ecology of species or habitat)
- b2 = the change observed is due to a taxonomic review: one taxon becoming several taxa, or vice versa
- c1 = the change observed is due to use of different methods to measure or evaluate individual parameters or the overall conservation status
- c2 = the change observed is mainly due to the use of different thresholds e.g. to fix Favourable reference values
- d = no information about the nature of change
- e = the change observed is due to less accurate or absent data than the one used in the previous reporting period
- nc = no change (e.g. overall trend in conservation status only evaluated in 2013 but assumed to be the same in 2007 or not known)

Habitats reported by Slovakia

Group	Name	Code	Year	ALP	PAN
Forests	Acidophilous Picea forests of the montane to alpine levels (Vaccinio-Piceetea)	9410	2013 2007	U1= U1	
	Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	91E0	2013 2007	U1= U1	U2- U2-
	Alpine Larix decidua and/or Pinus cembra forests	9420	2013 2007	FV FV	
	Asperulo-Fagetum beech forests	9130	2013 2007	FV FV	FV FV
	Bog woodland	91D0	2013 2007	U1- U1-	
	Central European lichen Scots pine forests	91T0	2013 2007		U2- nc
	Euro-Siberian steppic woods with Quercus spp.	9110	2013 2007	FV FV	U2= U2
	Galio-Carpinetum oak-hornbeam forests	9170	2013 2007	U2- U2-	
	Luzulo-Fagetum beech forests	9110	2013 2007	FV FV	U1= U1
	Medio-European limestone beech forests of the Cephalanthero-Fagion	9150	2013 2007	FV FV	FV FV
	Medio-European subalpine beech woods with Acer and Rumex arifolius	9140	2013 2007	FV FV	
	Old acidophilous oak woods with Quercus robur on sandy plains	9190	2013 2007		U1= U1
	Pannonian woods with Quercus pubescens	91H0	2013 2007	U1= U1	FV FV

Group	Name	Code	Year	ALP	PAN
	Pannonian-Balkan turkey oak – sessile oak forests	91M0	2013 2007	U1= U1	U1= U1
	Pannonic inland sand dune thicket (Junipero-Populetum albae)	91N0	2013 2007		U2- U2-
	Pannonic woods with Quercus petraea and Carpinus betulus	91G0	2013 2007	FV FV	U1= U1
	Riparian mixed forests of Quercus robur, Ulmus laevis and Ulmus minor, Fraxinus excelsior or Fraxinus	91F0	2013 2007	FV FV	U2= U2
	Tilio-Acerion forests of slopes, screes and ravines	9180	2013 2007	U1= U1	U1= U1
	Western Carpathian calcicolous Pinus sylvestris forests	91Q0	2013 2007	FV FV	
Rocky habitats	Calcareous and calcshist screes of the montane to alpine levels (Thlaspietea rotundifolii)	8120	2013 2007	FV FV	
	Calcareous rocky slopes with chasmophytic vegetation	8210	2013 2007	FV FV	FV FV
	Caves not open to the public	8310	2013 2007	XX XX	XX XX
	Medio-European calcareous scree of hill and montane levels	8160	2013 2007	FV FV	FV FV
	Medio-European upland siliceous screes	8150	2013 2007	FV FV	FV FV
	Siliceous rock with pioneer vegetation of the Sedo-Scleranthion or of the Sedo albi-Veronicion dillenii	8230	2013 2007	XX XX	XX XX
	Siliceous rocky slopes with chasmophytic vegetation	8220	2013 2007	FV FV	FV FV
	Siliceous scree of the montane to snow levels (Androsacetalia alpinae and Galeopsietalia ladani)	8110	2013 2007	FV FV	
Bogs, mires & fens	Active raised bogs	7110	2013 2007	U1= U1	
	Alkaline fens	7230	2013 2007	U1- U1 a	U2= U1 a
	Calcareous fens with Cladium mariscus and species of the Caricion davallianae	7210	2013 2007	U1= U1	
	Degraded raised bogs still capable of natural regeneration	7120	2013 2007	U1= U1	
	Petrifying springs with tufa formation (Cratoneurion)	7220	2013 2007	U1= U1	
	Transition mires and quaking bogs	7140	2013 2007	U1= U1	U1= U1
Grasslands	Alluvial meadows of river valleys of the Cnidion dubii	6440	2013 2007		U1= U1
	Alpine and subalpine calcareous grasslands	6170	2013 2007	U1= U1	
	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	6430	2013 2007	FV U1 b1	FV U1 b1
	Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)	6510	2013 2007	FV FV	U1= U1
	Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	6410	2013 2007	U1= U1	U1= U1

Group	Name	Code	Year	ALP	PAN
	Mountain hay meadows	6520	2013 2007	U1= U1	
	Pannonic loess steppic grasslands	6250	2013 2007		U1- U1 b1
	Pannonic sand steppes	6260	2013 2007		U2- U2-
	Rupicolous calcareous or basophilic grasslands of the Alysso-Sedion albi	6110	2013 2007	FV U1 b1	FV U1 b1
	Rupicolous pannonic grasslands (Stipo-Festucetalia pallentis)	6190	2013 2007	FV FV	FV FV
	Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* Siliceous alpine and boreal grasslands)	6210	2013 2007	U1= U1	U1= XX b1
	Species-rich Nardus grasslands, on silicious substrates in mountain areas (and submountain areas in Sub-Pannonic steppic grasslands)	6230	2013 2007	U1- U1 b1	
	Xeric sand calcareous grasslands	6240	2013 2007	U1- U1 b1	U1- U1 b1
	Xeric sand calcareous grasslands	6120	2013 2007		U2- U2-
Sclerophyllous scrubs	Juniperus communis formations on heaths or calcareous grasslands	5130	2013 2007	U1= FV b1	U1= U1
Heath & scrub	Alpine and Boreal heaths	4060	2013 2007	FV FV	
	Bushes with Pinus mugo and Rhododendron hirsutum (Mugo-Rhododendretum hirsuti)	4070	2013 2007	FV FV	
	European dry heaths	4030	2013 2007	FV FV	FV FV
	Sub-Arctic Salix spp. scrub	4080	2013 2007	U1= U1	
	Subcontinental peri-Pannonic scrub	40A0	2013 2007	U1= U1	U1= U1
Freshwater habitats	Alpine rivers and the herbaceous vegetation along their banks	3220	2013 2007	FV U1 b1	
	Alpine rivers and their ligneous vegetation with Myricaria germanica	3230	2013 2007	FV U1 b1	
	Alpine rivers and their ligneous vegetation with Salix elaeagnos	3240	2013 2007	U1= U1	
	Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.	3140	2013 2007	U1- XX b1	U1- XX b1
	Natural dystrophic lakes and ponds	3160	2013 2007	U1= U1	U1= U1
	Natural eutrophic lakes with Magnopotamion or Hydrocharition — type vegetation	3150	2013 2007	FV XX b1	U1= U1
	Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the	3130	2013 2007	FV U1 b1	U1= U1
	Rivers with muddy banks with Chenopodium rubri p.p. and Bidention p.p. vegetation	3270	2013 2007	XX U2 e	XX U2 e
	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation	3260	2013 2007	FV XX b1	FV XX b1

Group	Name	Code	Year	ALP	PAN
Dunes habitats	Pannonic inland dunes	2340	2013 2007		U1= U1
Coastal habitats	Inland salt meadows	1340	2013 2007	U2= U2	U2+ U2
	Pannonic salt steppes and salt marshes	1530	2013 2007		a U2= U2

Habitat types reported as scientific reserve (SR), marginal (MAR), invalid report in marine region (IRM) etc. (only listed when a scientific reserve etc has been reported)

Not Applicable

Species reported by Slovakia

Group	Name	Code	Year	ALP	PAN
Non-vascular plants	Buxbaumia viridis	1386	2013 2007	U1= XX b1	
	Dicranum viride	1381	2013 2007	XX XX	
	Drepanocladus vernicosus	1393	2013 2007	U1= XX b1	
	Leucobryum glaucum	1400	2013 2007	U1+ U1+	U1+ U1+
	Mannia triandra	1379	2013 2007	XX XX	
	Ochyraea tatrensis	4119	2013 2007	XX XX	
	Scapania massalongii	1394	2013 2007	XX XX	
	Sphagnum spp.	1409	2013 2007	U1+ U1+	U1= U1
	Tortella rigens	1988	2013 2007	XX XX	
	Vascular plants	Aconitum firmum ssp. moravicum	4109	2013 2007	U1= U1
Adenophora lilifolia		4068	2013 2007	FV XX b1	U1= FV b1
Angelica palustris		1617	2013 2007		U2- U2 b1
Apium repens		1614	2013 2007		U2= U2
Artemisia eriantha		1763	2013 2007	FV FV	
Asplenium adulterinum		4066	2013 2007	U1= FV a	
Campanula serrata		4070	2013 2007	FV FV	
Cirsium brachycephalum		4081	2013 2007		U1= U1

Group	Name	Code	Year	ALP	PAN
	<i>Cochlearia tatrae</i>	4090	2013 2007	FV FV	
	<i>Colchicum arenarium</i>	2285	2013 2007		U1= U2 a
	<i>Crambe tataria</i>	4091	2013 2007		FV FV
	<i>Cyclamen fatrense</i>	4107	2013 2007	FV FV	
	<i>Cypripedium calceolus</i>	1902	2013 2007	U1= U1	U1= U1
	<i>Daphne arbuscula</i>	2159	2013 2007	FV FV	
	<i>Dianthus lumnitzeri</i>	4075	2013 2007	U1= U1	U2= U2
	<i>Dianthus nitidus</i>	2074	2013 2007	U1= U1	
	<i>Dracocephalum austriacum</i>	1689	2013 2007	U2- U2-	U1= U1
	<i>Echium russicum</i>	4067	2013 2007	U2= U2	U2- U2-
	<i>Eleocharis carniolica</i>	1898	2013 2007	U2= U2	
	<i>Ferula sadleriana</i>	2170	2013 2007	U1= U1	
	<i>Galanthus nivalis</i>	1866	2013 2007	FV FV	FV FV
	<i>Gladiolus palustris</i>	4096	2013 2007		U2= U2
	<i>Himantoglossum adriaticum</i>	4104	2013 2007	U2= U2	U2= U2
	<i>Himantoglossum caprinum</i>	2327	2013 2007	U2= U2	U2= U2
	<i>Iris aphylla</i> ssp. <i>hungarica</i>	4097	2013 2007	U1= U1	U1= U1
	<i>Iris humilis</i> ssp. <i>arenaria</i>	4098	2013 2007		U2= U2
	<i>Ligularia sibirica</i>	1758	2013 2007	U1= U1	
	<i>Lindernia procumbens</i>	1725	2013 2007		U1= XX b1
	<i>Liparis loeselii</i>	1903	2013 2007	U1= U2 b1	U2= U2
	<i>Lycopodium</i> spp.	1413	2013 2007	FV FV	U1+ U1+
	<i>Marsilea quadrifolia</i>	1428	2013 2007		U2- U2-
	<i>Onosma tornensis</i>	2203	2013 2007	U1- U1-	U1= U1
	<i>Pulsatilla grandis</i>	2093	2013 2007	U1- U1-	U1= U1

Group	Name	Code	Year	ALP	PAN
	<i>Pulsatilla patens</i>	1477	2013 2007	U1= U1	U2- FV b1
	<i>Pulsatilla pratensis</i> ssp. <i>hungarica</i>	4110	2013 2007		U2- U2-
	<i>Pulsatilla slavica</i>	2094	2013 2007	U1= U1	
	<i>Pulsatilla subslavica</i>	4111	2013 2007	U1= U1	
	<i>Serratula lycopifolia</i>	4087	2013 2007	U2= U2	
	<i>Tephrosieris longifolia</i> ssp. <i>moravica</i>	4088	2013 2007	U1= U1	
	<i>Thlaspi jankae</i>	2120	2013 2007	U1= U1	U1= U1
	<i>Tozzia carpathica</i>	4116	2013 2007	FV FV	
Molluscs	<i>Anisus vorticulus</i>	4056	2013 2007		U1- XX b1
	<i>Helix pomatia</i>	1026	2013 2007	FV FV	FV FV
	<i>Sadleriana pannonica</i>	4063	2013 2007	U1= U2 b1	U1= U2 b1
	<i>Unio crassus</i>	1032	2013 2007	FV FV	U1= U2- b1
	<i>Vertigo angustior</i>	1014	2013 2007	FV FV	FV U1- b1
	<i>Vertigo geyeri</i>	1013	2013 2007	U1= XX b1	
	<i>Vertigo moulinsiana</i>	1016	2013 2007	U1= U1	U2- XX b1
Arthropods	<i>Astacus astacus</i>	1091	2013 2007	U1= U1	XX XX
	<i>Austropotamobius torrentium</i>	1093	2013 2007	U2= U2	
	<i>Bolbelasmus unicornis</i>	4011	2013 2007	U2= U2	U2= U2
	<i>Boros schneideri</i>	1920	2013 2007	U2- XX b1	
	<i>Callimorpha quadripunctaria</i>	1078	2013 2007	FV FV	FV FV
	<i>Carabus hungaricus</i>	4013	2013 2007		U2= U2
	<i>Carabus variolosus</i>	4014	2013 2007	XX XX	XX XX
	<i>Carabus zawadzki</i>	4015	2013 2007	XX XX	
	<i>Cerambyx cerdo</i>	1088	2013 2007	U1- XX b1	U1- XX b1
	<i>Coenagrion ornatum</i>	4045	2013 2007	U1= U2+ b1	U2= U2

Group	Name	Code	Year	ALP	PAN
	Coenonympha hero	1070	2013 2007	FV FV	
	Colias myrmidone	4030	2013 2007	U2- U2-	U2- U2-
	Cordulegaster heros	4046	2013 2007	FV U2 b1	U1= U2 b1
	Cucujus cinnaberinus	1086	2013 2007	FV	FV XX b1
	Dioszeghyana schmidtii	4032	2013 2007		FV FV
	Duvalius hungaricus	4018	2013 2007	FV FV	FV FV
	Eriogaster catax	1074	2013 2007	FV FV	FV FV
	Graphoderus bilineatus	1082	2013 2007	U2- U2-	U2- U2-
	Hypodryas maturna	1052	2013 2007	U1= U1	FV FV
	Isophya stysi	4050	2013 2007	FV U1 b1	FV U1 b1
	Leptidea morsei	4036	2013 2007	FV U2 b1	
	Leucorrhinia pectoralis	1042	2013 2007	U2= U2	FV U1- a
	Limoniscus violaceus	1079	2013 2007	U1- XX b1	U2- U2+ b1
	Lopinga achine	1067	2013 2007	U2= U2	U2= U2
	Lucanus cervus	1083	2013 2007	FV FV	FV FV
	Lycaena dispar	1060	2013 2007	FV FV	FV FV
	Maculinea arion	1058	2013 2007	U1- U1-	U2- U2-
	Maculinea nausithous	1061	2013 2007	FV U2 b1	FV U1 b1
	Maculinea teleius	1059	2013 2007	FV FV	FV FV
	Odontopodisma rubripes	4052	2013 2007	FV XX b1	FV XX b1
	Ophiogomphus cecilia	1037	2013 2007	U1= U2 b1	U1- U1-
	Osmoderma eremita	1084	2013 2007	U1- XX b1	U1- XX b1
	Paracaloptenus caloptenoides	4053	2013 2007	XX XX	U1x nc
	Parnassius apollo	1057	2013 2007	U1- U1-	
	Parnassius mnemosyne	1056	2013 2007	FV FV	FV FV

Group	Name	Code	Year	ALP	PAN
	Pholidoptera transsylvanica	4054	2013 2007	FV U1 b1	FV
	Proserpinus proserpina	1076	2013 2007	XX XX	XX XX
	Pseudogaurotina excellens	4024	2013 2007	XX XX	
	Rhysodes sulcatus	4026	2013 2007	U1- XX b1	U2- XX b1
	Rosalia alpina	1087	2013 2007	FV FV	FV FV
	Saga pedo	1050	2013 2007	U1= U1	U1= U1
	Stenobothrus eurasius	4055	2013 2007	FV U1- b1	U1= U1
	Stylurus flavipes	1040	2013 2007		FV U2 b1
	Zerynthia polyxena	1053	2013 2007	FV FV	FV FV
Fish	Aspius aspius	1130	2013 2007	FV FV	FV FV
	Barbus barbus	5085	2013 2007	U1- U1-	U1- FV a
	Barbus meridionalis	1138	2013 2007	U1- XX b1	U1- XX b1
	Cobitis taenia	1149	2013 2007	XX XX	U1- XX b1
	Cottus gobio	1163	2013 2007	FV XX b1	U2- U1- a
	Eudontomyzon danfordi	4123	2013 2007	U1- XX	U1- XX
	Eudontomyzon mariae	2484	2013 2007	XX XX	XX XX
	Gobio kessleri	2511	2013 2007	U1- XX b1	U1- XX b1
	Gobio uranoscopus	1122	2013 2007	U1- XX b1	U1- XX b1
	Gobio vladkovi	6158	2013 2007	XX	U1- b1
	Gymnocephalus baloni	2555	2013 2007		U2- XX b1
	Gymnocephalus schraetzer	1157	2013 2007	U2- XX b1	U2- XX b1
	Hucho hucho	1105	2013 2007	XX XX	U1- XX b1
	Lampetra planeri	1096	2013 2007	U1x XX b1	
	Misgurnus fossilis	1145	2013 2007		U1- XX b1
	Pelecus cultratus	2522	2013 2007		XX XX

Group	Name	Code	Year	ALP	PAN
	Rhodeus sericeus amarus	1134	2013 2007	FV FV	FV FV
	Rutilus virgo	5345	2013 2007	XX XX	U1- XX b1
	Sabanejewia aurata	1146	2013 2007	XX XX	U1- XX b1
	Thymallus thymallus	1109	2013 2007	U2- U1 a	
	Umbra krameri	2011	2013 2007		U2- XX b1
	Zingel streber	1160	2013 2007	XX XX	U1x XX b1
	Zingel zingel	1159	2013 2007		XX XX
Amphibians	Bombina bombina	1188	2013 2007	U2= U2	U1= U1
	Bombina variegata	1193	2013 2007	U1- U1-	XX XX
	Bufo viridis	1201	2013 2007	U1+ U1+	U1+ U1+
	Hyla arborea	1203	2013 2007	U1= U1	U1= U1
	Pelobates fuscus	1197	2013 2007	U1- U1-	U1= U1
	Rana arvalis	1214	2013 2007		U2- U2-
	Rana dalmatina	1209	2013 2007	U1= U1	U1= U1
	Rana esculenta	1210	2013 2007	U1= U1	U1- U1-
	Rana lessonae	1207	2013 2007	U2- U2-	U2= U2
	Rana ridibunda	1212	2013 2007	U1= U1	U1= U1
	Rana temporaria	1213	2013 2007	FV FV	U1= U1
	Triturus cristatus	1166	2013 2007	U2- U2-	
	Triturus dobrogicus	1993	2013 2007	U2- U2 b1	U1- U1-
	Triturus montandoni	2001	2013 2007	U1- U1-	
Reptiles	Ablepharus kitaibelii	1276	2013 2007		U1- U1 b1
	Coronella austriaca	1283	2013 2007	U2- U1 a	U2- U1 a
	Elaphe longissima	1281	2013 2007	U2= U1 b1	U2= U1 b1
	Emys orbicularis	1220	2013 2007		U2- U2-

Group	Name	Code	Year	ALP	PAN
	Lacerta agilis	1261	2013 2007	U1- FV	U1- FV
	Lacerta viridis	1263	2013 2007	a U1- U1-	a U1- U1-
	Lacerta vivipara pannonica	5037	2013 2007		U1- U1-
	Natrix tessellata	1292	2013 2007	U1- U1-	U1- U1-
	Podarcis muralis	1256	2013 2007	U1= FV	U1= FV
Mammals	Barbastella barbastellus	1308	2013 2007	a XX XX	a XX XX
	Bison bonasus	2647	2013 2007	U1= U2+	
	Canis lupus	1352	2013 2007	a FV FV	U1= U1
	Castor fiber	1337	2013 2007	FV FV	FV FV
	Cricetus cricetus	1339	2013 2007	U1= U1	U1+ U1+
	Dryomys nitedula	1342	2013 2007	U1= U1	U2+ U2+
	Eptesicus nilssonii	1313	2013 2007	XX XX	
	Eptesicus serotinus	1327	2013 2007	XX XX	XX XX
	Felis silvestris	1363	2013 2007	U1= U1	U1= U1
	Lutra lutra	1355	2013 2007	U1+ U1+	U1= U1
	Lynx lynx	1361	2013 2007	U1= U1	U1= U1
	Marmota marmota latirostris	4003	2013 2007	U2= U2	
	Martes martes	1357	2013 2007	U1= U1	U1= U1
	Microtus oeconomus mehelyi	4004	2013 2007		U2- U2-
	Microtus tatricus	2612	2013 2007	U2= U2	
	Miniopterus schreibersii	1310	2013 2007	U2- U2-	U2- U2-
	Muscardinus avellanarius	1341	2013 2007	U1= U1	U1= U1
	Mustela eversmanii	2633	2013 2007		U2= U2
	Mustela putorius	1358	2013 2007	U1- U1-	U1- U1-
	Myotis bechsteinii	1323	2013 2007	XX XX	XX XX

Group	Name	Code	Year	ALP	PAN
	Myotis blythii	1307	2013 2007	XX XX	XX XX
	Myotis brandtii	1320	2013 2007	XX XX	XX XX
	Myotis dasycneme	1318	2013 2007	XX XX	XX XX
	Myotis daubentonii	1314	2013 2007	XX XX	XX XX
	Myotis emarginatus	1321	2013 2007	XX XX	XX XX
	Myotis myotis	1324	2013 2007	U1- U1-	U1- U1-
	Myotis mystacinus	1330	2013 2007	XX XX	XX XX
	Myotis nattereri	1322	2013 2007	XX XX	U1- U1-
	Nyctalus lasiopterus	1328	2013 2007	XX XX	XX XX
	Nyctalus leisleri	1331	2013 2007	XX XX	XX XX
	Nyctalus noctula	1312	2013 2007	U2- U2-	U2- U2-
	Pipistrellus nathusii	1317	2013 2007	XX XX	XX XX
	Pipistrellus pipistrellus	1309	2013 2007	XX XX	XX XX
	Pipistrellus pygmaeus	5009	2013 2007	XX XX	XX XX
	Plecotus auritus	1326	2013 2007	XX XX	XX XX
	Plecotus austriacus	1329	2013 2007	XX XX	XX XX
	Rhinolophus euryale	1305	2013 2007	U1- U1-	U1= U1
	Rhinolophus ferrumequinum	1304	2013 2007	U1- U1-	U1- U1-
	Rhinolophus hipposideros	1303	2013 2007	U1- U1-	U1- U1-
	Rupicapra rupicapra tatrica	4006	2013 2007	U1+ U2+ a	
	Sicista betulina	1343	2013 2007	U1- U1-	
	Spermophilus citellus	1335	2013 2007	U2- U2-	U2- U2-
	Ursus arctos	1354	2013 2007	FV FV	
	Vespertilio murinus	1332	2013 2007	XX XX	XX XX
Other invertebrates	Hirudo medicinalis	1034	2013 2007		FV U1- b1

Species reported as occasional (OCC), newly arriving (ARR), extinct prior the Habitats Directive came into force (PEX), marginal (MAR), invalid report in marine region (IRM) or introduced (INT) etc. (only listed when an occasional species etc has been reported). In addition species with optional reports (OP) and scientific reserves (SR) are listed here.

Group	Name	Code	Year	ALP	PAN
Non-vascular plants	<i>Meesia longiseta</i>	1389	2013 2007	PEX	
	<i>Orthotrichum rogeri</i>	1387	2013 2007	PEX	
Vascular plants	<i>Aldrovanda vesiculosa</i>	1516	2013 2007		PEX
	<i>Coleanthus subtilis</i>	1887	2013 2007	PEX	
	<i>Spiranthes aestivalis</i>	1900	2013 2007		PEX
	<i>Thesium ebracteatum</i>	1437	2013 2007		PEX
Molluscs	<i>Theodoxus transversalis</i>	4064	2013 2007		PEX
Arthropods	<i>Austropotamobius torrentium</i>	1093	2013 2007		PEX
	<i>Chondrosoma fiduciarium</i>	4029	2013 2007		PEX
	<i>Coenagrion mercuriale</i>	1044	2013 2007		PEX
	<i>Coenonympha oedippus</i>	1071	2013 2007		PEX
	<i>Dytiscus latissimus</i>	1081	2013 2007		PEX
	<i>Euphydryas aurinia</i>	1065	2013 2007		PEX
	<i>Leptidea morsei</i>	4036	2013 2007		SR XX
	<i>Leucorrhinia albifrons</i>	1038	2013 2007		PEX
	<i>Lycaena helle</i>	4038	2013 2007	PEX	PEX
	<i>Morimus funereus</i>	1089	2013 2007	SR	SR
	<i>Nymphalis vaualbum</i>	4039	2013 2007	PEX	PEX
	<i>Phryganophilus ruficollis</i>	4021	2013 2007	SR	
	<i>Polyommatus eroides</i>	4042	2013 2007	PEX	PEX
	<i>Stephanopachys substriatus</i>	1927	2013 2007	SR	
Fish	<i>Huso huso</i>	2489	2013 2007		PEX

Group	Name	Code	Year	ALP	PAN
	Salmo salar	1106	2013 2007	PEX	
Amphibians	Triturus cristatus	1166	2013 2007		SR
Mammals	Hypsugo savii	5365	2013 2007		OCC XX XX
	Mustela eversmanii	2633	2013 2007	OCC U2= U2	
	Mustela lutreola	1356	2013 2007	PEX	
	Myotis alcaethoe	5003	2013 2007		OCC XX XX
	Pipistrellus kuhlii	2016	2013 2007		OCC XX XX