

## National Summary for Article 17 - Czech Republic

### 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 <sup>2</sup> )	Area (km <sup>2</sup> )	No.	Area (km <sup>2</sup> )
SCIs & SACs	1075	7855.74	7855.74	0	0
SACs only	287	2964.35	2964.35	0	0

Date of database used: 29-11-2012

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

Number of sites for which comprehensive management plans have been adopted: **287**

Percentage of network area covered by comprehensive management plans: **38%**

Number of sites for which management plans are under preparation (optional): **788**

### 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 Czech Republic. 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	42	18	88	20	118	46	24	17
	<b>60</b>		<b>108</b>		<b>118</b>		<b>24</b>	
Continental	42	16	77	18	107	43	20	16
Pannonian	22	13	48	7	74	35	19	15

#### Additional information:

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

Number of assessments of marginal & occasional species: **10**

Number of assessments of newly arriving species: **4**

Number of species regionally extinct prior the Habitats Directive came into force: **1**

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

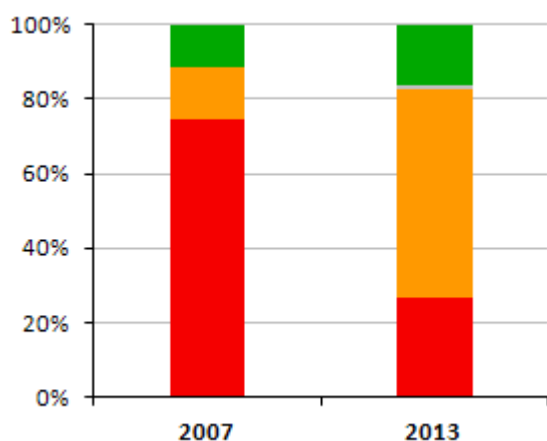
Please note that the figures shown for 2001-2006 and 2007-2012 are not necessarily directly comparable because there can be differences in number of assessments between the reporting rounds, changes in how some features were allocated in biogeographical regions etc.

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

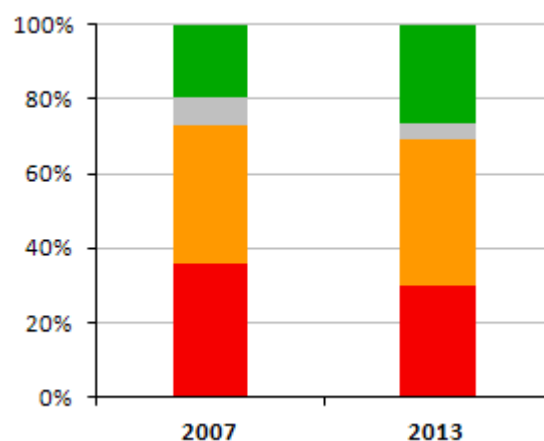
- Habitats reported as marginal (MAR) or with scientific reserve (SR)
- Species reported as marginal (MAR), occasional (OCC), newly arriving (ARR), regionally extinct before the Habitats Directive came into force (PEX) and introduced species (INT). In addition reports that give only an information about 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	11			13	71	49		20	93	91
2013	15		1	52	25	69		11	101	78

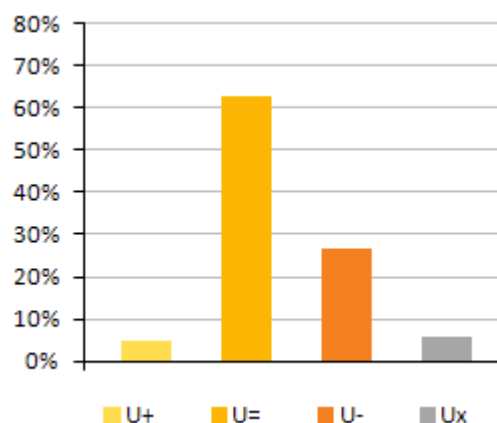
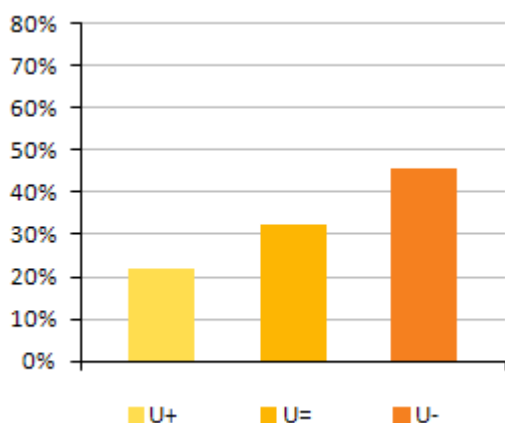
### 3.1 b) Percentage of assessments where the conservation status has changed between the reporting periods

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	50%	91%
% of total changes considered genuine	26%	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).

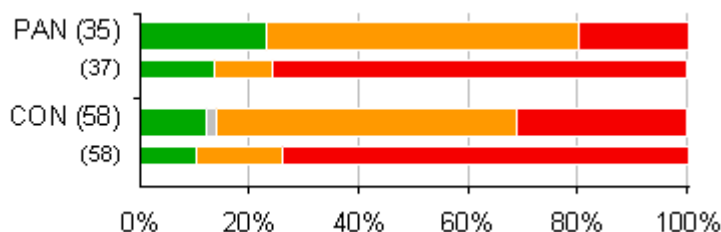
Qualifiers of CS	U1+	U1=	U1-	U1x	U2+	U2=	U2-	U2x
Habitats	9	22	21		8	3	14	
Species	7	74	13	7	2	38	35	3

**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

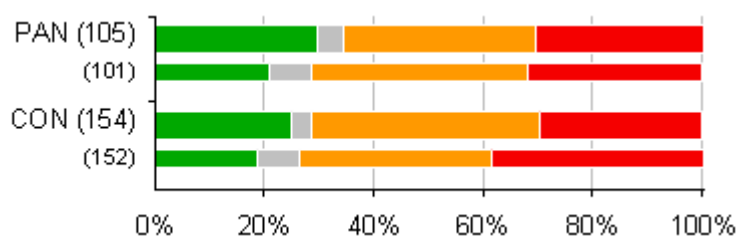
### 3.3 Overall assessment of conservation status of habitats and species by biogeographical/marine region (%)

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



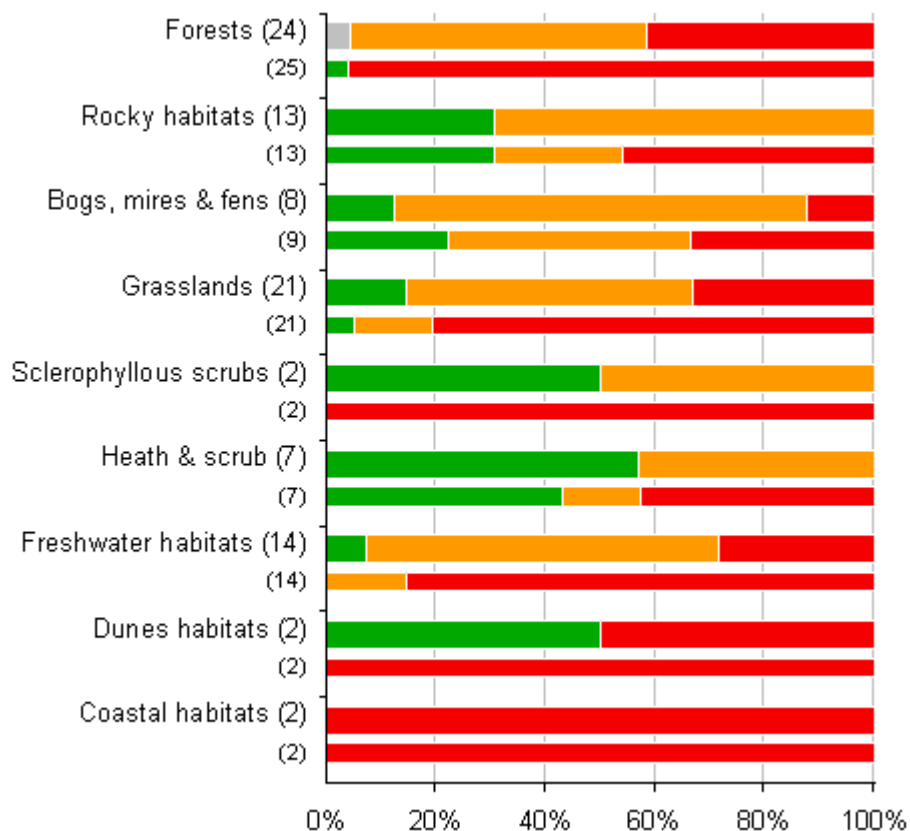
Conservation status of **species** in biogeographical and marine regions

**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.

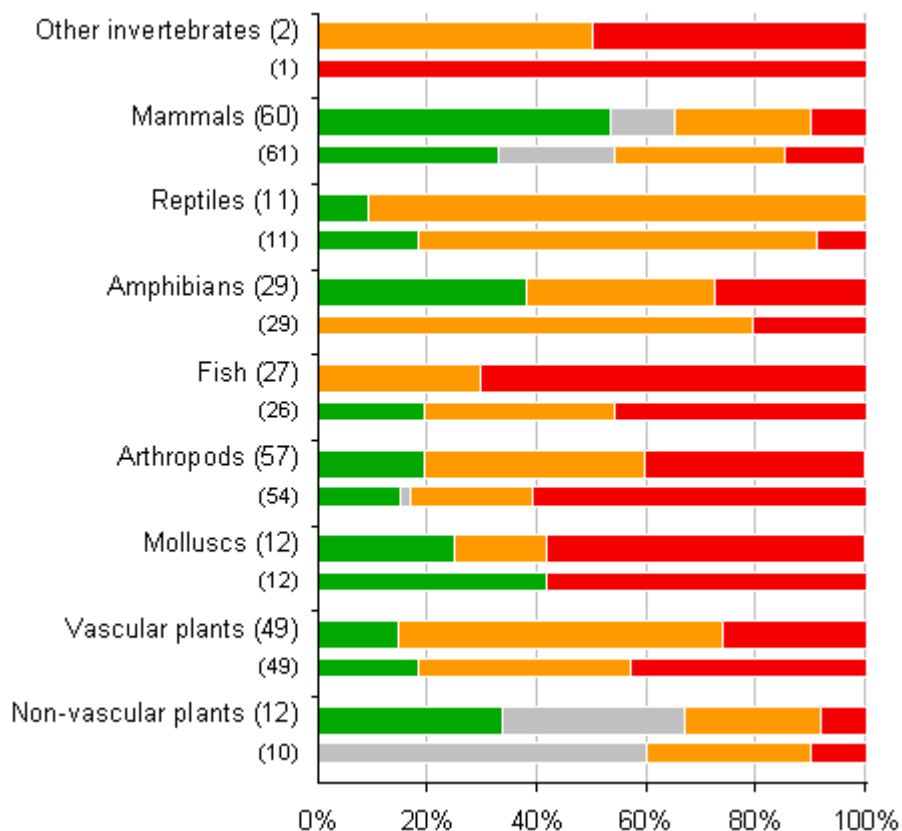
The figures show the proportion of assessments in each conservation status class for 2007-2012 (upper bar) and 2001-2006 (lower bar). The information (number of assessments) on which these figures are based are presented in the tables below each figure (real values).

**Habitats**Conservation 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	1				24
	2013			1	13	10
Rocky habitats	2007	4			3	6
	2013	4			9	
Bogs, mires & fens	2007	2			4	3
	2013	1			6	1
Grasslands	2007	1			3	17
	2013	3			11	7
Sclerophyllous scrubs	2007					2
	2013	1			1	
Heath & scrub	2007	3			1	3
	2013	4			3	
Freshwater habitats	2007				2	12
	2013	1			9	4
Dunes habitats	2007					2
	2013	1				1
Coastal habitats	2007					2
	2013					2

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

**Species**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.

Group	Year of assessment	SPECIES				
		FV	NA	XX	U1	U2
Other invertebrates	2007					1
	<b>2013</b>				1	1
Mammals	2007	20		13	19	9
	<b>2013</b>	<b>32</b>		<b>7</b>	<b>15</b>	<b>6</b>
Reptiles	2007	2			8	1
	<b>2013</b>	<b>1</b>			<b>10</b>	
Amphibians	2007				23	6
	<b>2013</b>	<b>11</b>			<b>10</b>	<b>8</b>
Fish	2007	5			9	12
	<b>2013</b>				<b>8</b>	<b>19</b>
Arthropods	2007	8		1	12	33
	<b>2013</b>	<b>11</b>			<b>23</b>	<b>23</b>
Molluscs	2007	5				7
	<b>2013</b>	<b>3</b>			<b>2</b>	<b>7</b>
Vascular plants	2007	9			19	21
	<b>2013</b>	<b>7</b>			<b>29</b>	<b>13</b>
Non-vascular plants	2007			6	3	1
	<b>2013</b>	<b>4</b>		<b>4</b>	<b>3</b>	<b>1</b>

### 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		15	15	14	16
Better knowledge/data		72	36	27	43
Use of different method	100	31	60	13	43

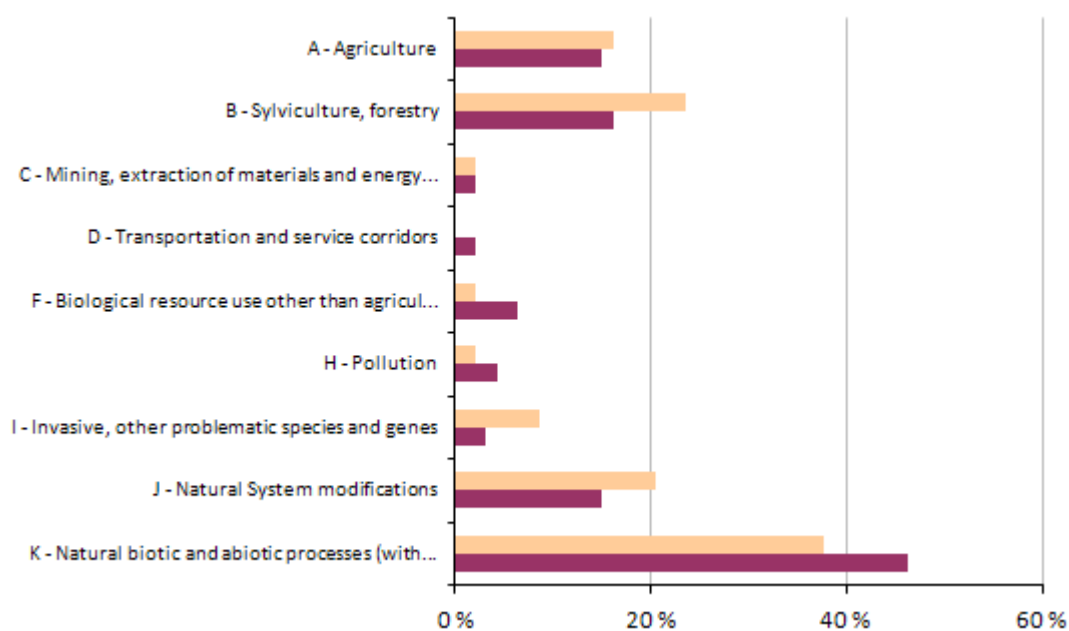
**Note:** More than one reason for change can be reported for each habitat and species.

### 4 Frequency of main pressures and threats (%) <sup>1</sup>

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.

<sup>1</sup> 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.

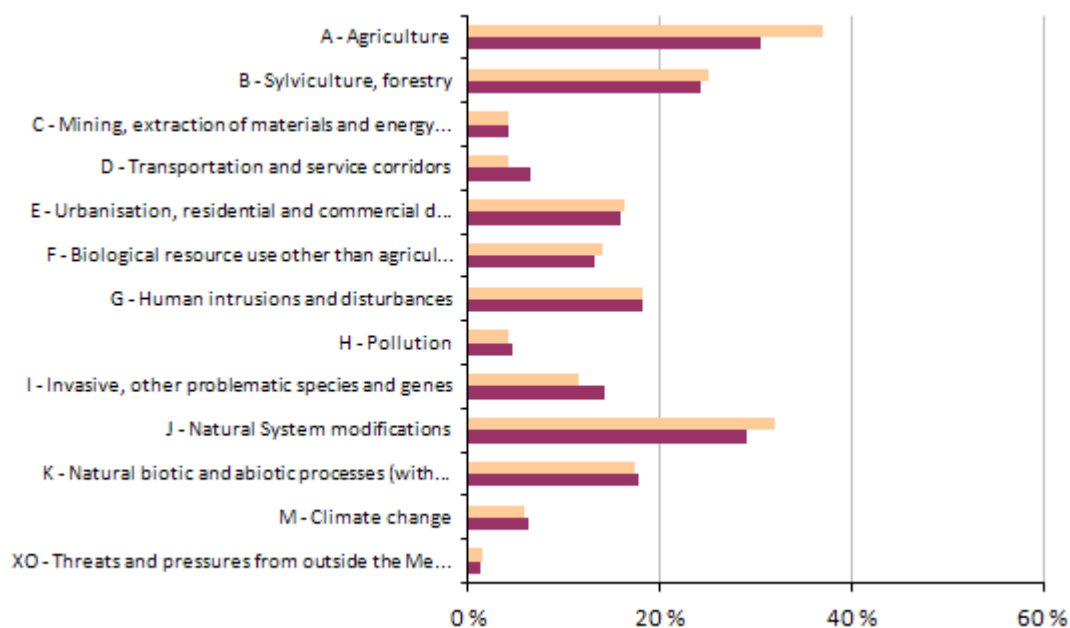
Total number of assessments considered in the calculation: **93**

Number of assessments with no high ranking threats (or no threats at all reported): **35**

Number of assessment with no high ranking pressures (or no pressures at all): **37**

Pressures and threats	HABITATS	
	Number of threats	Number of pressures
A - Agriculture	14	15
B - Sylviculture, forestry	15	22
C - Mining, extraction of materials and energy production	2	2
D - Transportation and service corridors	2	
F - Biological resource use other than agriculture & forestry	6	2
H - Pollution	4	2
I - Invasive, other problematic species and genes	3	8
J - Natural System modifications	14	19
K - Natural biotic and abiotic processes (without catastrophes)	43	35





% 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: **259**

Number of assessments with no high ranking threats (or no threats at all reported): **42**

Number of assessment with no high ranking pressures (or no pressures at all): **33**

Pressures and threats	SPECIES	
	Number of threats	Number of pressures
A - Agriculture	79	96
B - Sylviculture, forestry	63	65
C - Mining, extraction of materials and energy production	11	11
D - Transportation and service corridors	17	11
E - Urbanisation, residential and commercial development	41	42
F - Biological resource use other than agriculture & forestry	34	36
G - Human intrusions and disturbances	47	47
H - Pollution	12	11
I - Invasive, other problematic species and genes	37	30
J - Natural System modifications	75	83
K - Natural biotic and abiotic processes (without catastrophes)	46	45
M - Climate change	16	15
XO - Threats and pressures from outside the Member State	3	4

## 5 Natura 2000 coverage and conservation measures <sup>2</sup>

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

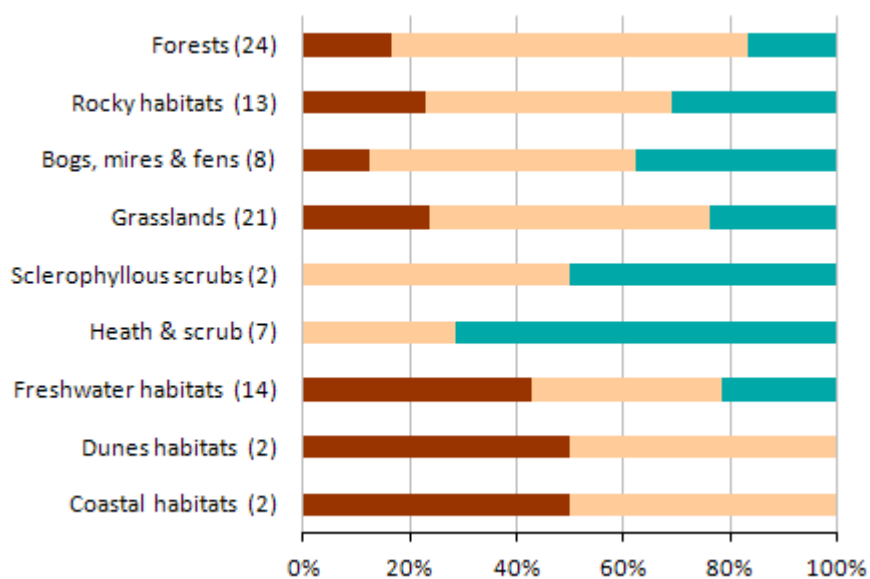
### 5.1 Natura 2000 coverage (%)

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.

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<sup>2</sup> 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.

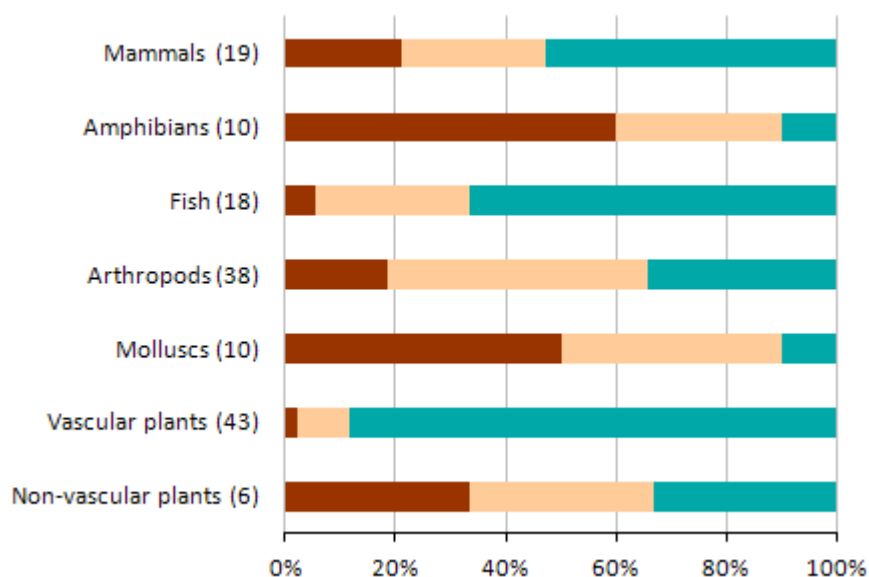


% of **habitat assessments** in 3 classes of coverage by Natura 2000 sites

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	4	16	4	
Rocky habitats	3	6	4	
Bogs, mires & fens	1	4	3	
Grasslands	5	11	5	
Sclerophyllous scrubs		1	1	
Heath & scrub		2	5	
Freshwater habitats	6	5	3	
Dunes habitats	1	1		
Coastal habitats	1	1		



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

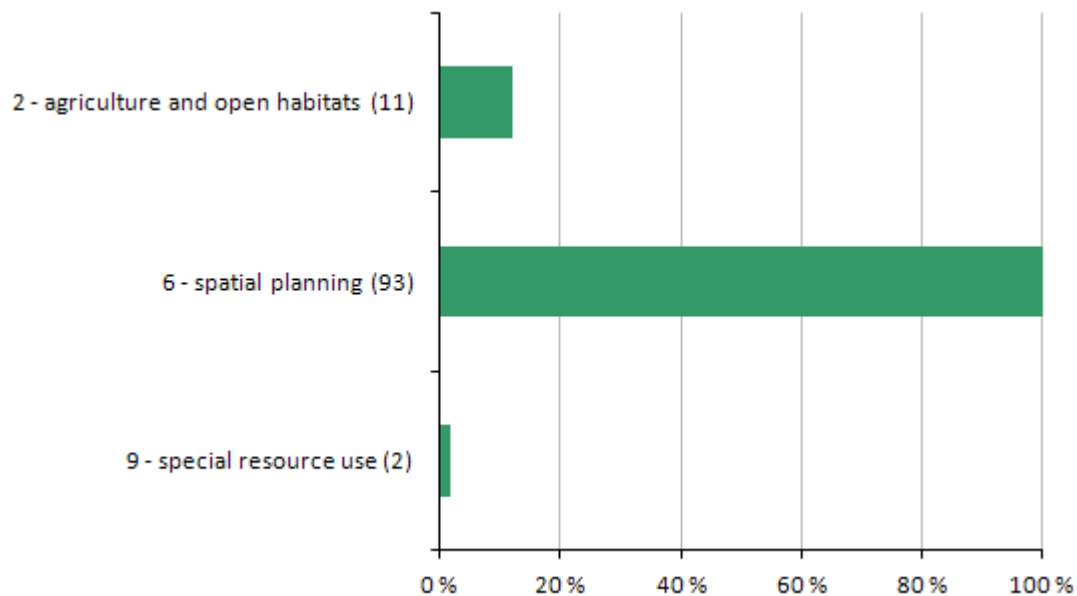
coverage by Natura 2000 sites : ■ 0-24% ■ 25-74% ■ 75-100%

**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	4	5	10	
Amphibians	6	3	1	
Fish	1	5	12	4
Arthropods	7	18	13	2
Molluscs	5	4	1	
Vascular plants	1	4	38	
Non-vascular plants	2	2	2	

## 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.

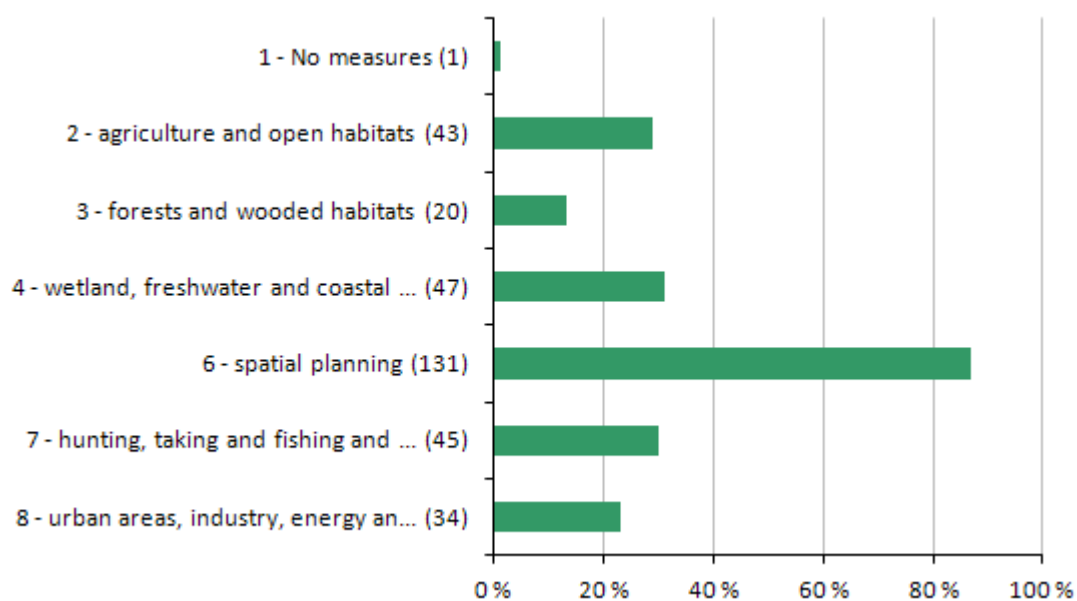


% of **habitat assessments** for which one or more  
'high' importance measures were reported

**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: **93**

Number of assessments with no high ranking conservation measures or no conservation measures at all reported: **none**



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

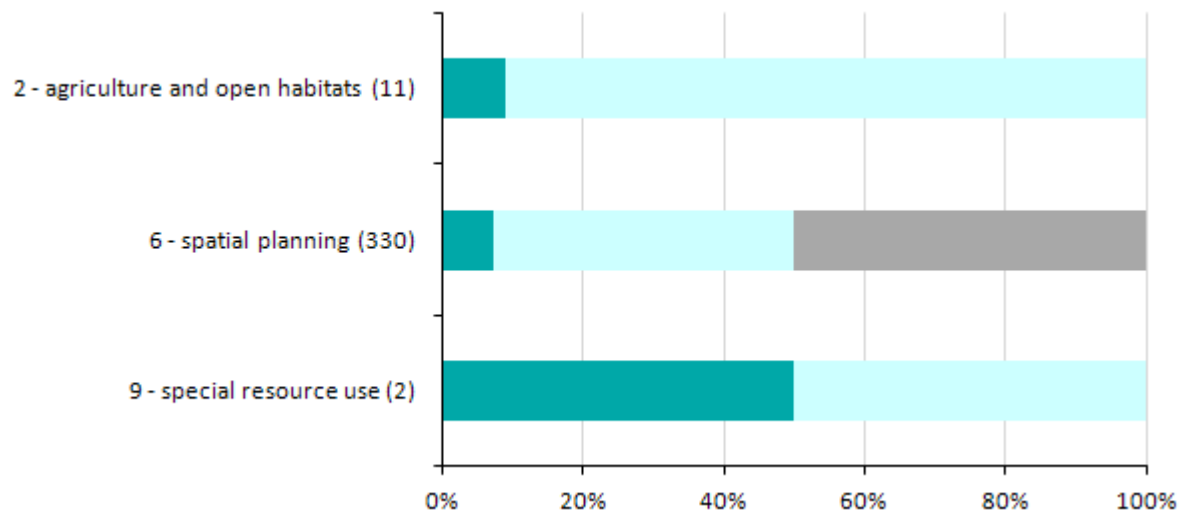
**Note:** Numbers in brackets correspond to the number of assessments where measure 1, 2, etc. is noted as being of high importance. Occasional and extinct species have been included in calculations.

Total number of assessments considered in the calculation: **150**

Number of assessments with no high ranking conservation measures or no conservation measures at all reported: **5**

### 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).

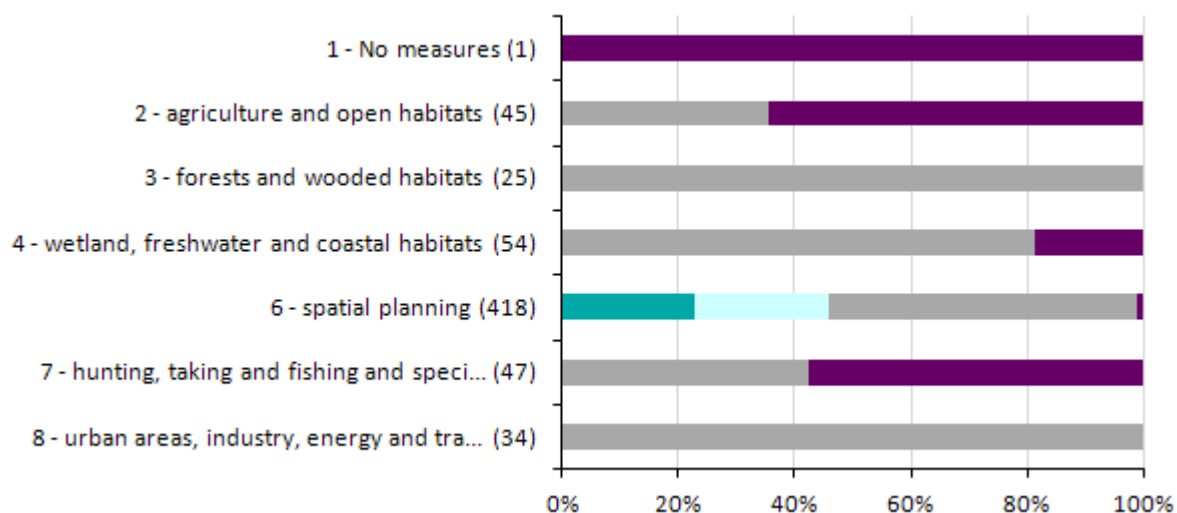


% of **habitat assessments** for which  
a particular effect of a measure was reported

■ 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	1	10			
6 - Measures related to spatial planning	24	141	165		
9 - Measures related to special resource use	1	1			



% 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
2 - Measures related to agriculture and open habitats			16		29
3 - Measures related to forests and wooded habitats			25		
4 - Measures related to wetland, freshwater and coastal habitats			44		10
6 - Measures related to spatial planning	96	96	221		5
7 - Measures related to hunting, taking and fishing and species management			20		27
8 - Measures related to urban areas, industry, energy and transport			34		

## 6 Data quality and completeness <sup>3</sup>

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.

<sup>3</sup> 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	0.4
	Trend	0
	Area of suitable habitat*	99
	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	100
	Reference value	0
	Conclusion	0
Habitat area	Area	0
	Trend	5
	Reference value	0
	Conclusion	0
Structure & functions	Conclusion	1.1
Future prospects	Conclusion	1.1
Pressures & threats		0
Natura 2000	Coverage	0
	Measures	0
Overall	Conclusion	1.1
	Trend	0
	Maps	0

**Species**

Species range	Area	0.4
	Trend	3
	Reference value	2
	Conclusion	3
Species population	Size	0.8
	Trend	11
	Reference value	4
	Conclusion	5
Habitat for species	Area	3
	Trend	6
	Area of suitable habitat*	0.4
	Conclusion	4
Future prospects	Conclusion	9
Pressures & threats		0
Natura 2000	Coverage	0.7
	Measures	0
Overall	Conclusion	4
	Trend	6
	Maps	0.6

\*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 (%)	0	0	0	24	27	0	8
Extrapolation (%)	0	0	0	0	0	0	0
Complete survey (%)	100	100	100	76	73	100	92
Absent data (%)	0	0	0	0	0	0	0

### Species

	Map	Range	Population	Pop. trend	Habitat	N2000*	Average
Expert opinion (%)	3	4	19	15	6	18	11
Extrapolation (%)	13	14	39	38	50	31	31
Complete survey (%)	83	82	42	42	41	50	57
Absent data (%)	0	0	1	5	3	1	2

\*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 Czech Republic

Group	Name	Code	Year	CON	PAN
Forests	Acidophilous Picea forests of the montane to alpine levels (Vaccinio-Piceetea)	9410	2013 2007	U1+	
				U2	
	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, <i>Alnion incanae</i> , <i>Salicion albae</i> )	91E0	2013 2007	U2- U2 c1	U1- b2
	Asperulo-Fagetum beech forests	9130	2013 2007	U1= U2 b1	
	Bog woodland	91D0	2013 2007	U1+ U2 b1	U1- FV b1
	Central European lichen Scots pine forests	91T0	2013 2007	U2= U2 c1	
	Euro-Siberian steppic woods with <i>Quercus</i> spp.	9110	2013 2007	U2- U2 c1	U2- U2 c1
	Galio-Carpinetum oak-hornbeam forests	9170	2013 2007	U1= U2 b1	U2= U2 c1
	Luzulo-Fagetum beech forests	9110	2013 2007	U2= U2 c1	
	Medio-European limestone beech forests of the <i>Cephalanthero-Fagion</i>	9150	2013 2007	U1= U2 b1	
	Medio-European subalpine beech woods with <i>Acer</i> and <i>Rumex arifolius</i>	9140	2013 2007	XX U2 b2	
	Old acidophilous oak woods with <i>Quercus robur</i> on sandy plains	9190	2013 2007	U2- U2 c1	
	Pannonian woods with <i>Quercus pubescens</i>	91H0	2013 2007	U2- U2 c1	U2- U2 c1
	Pannonic woods with <i>Quercus petraea</i> and <i>Carpinus betulus</i>	91G0	2013 2007	U1- U2 b2	U1- U2 b2

Group	Name	Code	Year	CON	PAN
	Riparian mixed forests of <i>Quercus robur</i> , <i>Ulmus laevis</i> and <i>Ulmus minor</i> , <i>Fraxinus excelsior</i> or <i>Fraxinus</i>	91F0	2013 2007	U1- U2 b1	U1- U2 b1
	Sarmatic steppe pine forest	91U0	2013 2007	U1= U2 b2	
	Tilio-Acerion forests of slopes, screes and ravines	9180	2013 2007	U1= U2 b1	U2+ U2 c1
Rocky habitats	Calcareous rocky slopes with chasmophytic vegetation	8210	2013 2007	U1= U2 c1	FV U1 c1
	Caves not open to the public	8310	2013 2007	U1= U1 c1	FV FV
	Medio-European calcareous scree of hill and montane levels	8160	2013 2007	U1= U2 b1	U1= U2 b1
	Medio-European upland siliceous screes	8150	2013 2007	U1= U2 b1	FV FV
	Siliceous rock with pioneer vegetation of the <i>Sedo-Scleranthion</i> or of the <i>Sedo albi-Veronicion dillenii</i>	8230	2013 2007	U1- U2 b1	U1= FV b1
	Siliceous rocky slopes with chasmophytic vegetation	8220	2013 2007	U1= U2 c1	U1= U1 c1
	Siliceous scree of the montane to snow levels ( <i>Androsacetalia alpinae</i> and <i>Galeopsietalia ladani</i> )	8110	2013 2007	FV FV	
Bogs, mires & fens	Active raised bogs	7110	2013 2007	U1= U1 c1	
	Alkaline fens	7230	2013 2007	U1- U1 c1	
	Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i>	7210	2013 2007	FV FV	
	Degraded raised bogs still capable of natural regeneration	7120	2013 2007	U2+ U2 c1	
	Depressions on peat substrates of the <i>Rhynchosporion</i>	7150	2013 2007	U1- U1 c1	
	Petrifying springs with tufa formation ( <i>Cratoneurion</i> )	7220	2013 2007	U1- U2 c1	
	Transition mires and quaking bogs	7140	2013 2007	U1- U1 c1	U1- FV b1
Grasslands	Alluvial meadows of river valleys of the <i>Cnidion dubii</i>	6440	2013 2007	U1= U2 b1	U1= U2 b1
	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	6430	2013 2007	U2- U2 c1	U1= U2 b1
	Lowland hay meadows ( <i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i> )	6510	2013 2007	U2+ U2 c1	U1= U2 b1
	Molinia meadows on calcareous, peaty or clayey-silt-laden soils ( <i>Molinion caeruleae</i> )	6410	2013 2007	U2- U2 c1	U1- U2 b1
	Mountain hay meadows	6520	2013 2007	U1+ U2 b1	
	Pannonic loess steppic grasslands	6250	2013 2007		U1- U2 b1
	Pannonic sand steppes	6260	2013 2007		FV U2 b1
	Rupicolous calcareous or basophilic grasslands of the <i>Alyso-Sedion albi</i>	6110	2013 2007	U1= U1 c1	U1= U2 b1

Group	Name	Code	Year	CON	PAN
	Rupicolous pannonic grasslands (Stipo-Festucetalia pallentis)	6190	2013 2007	U1+ U1 c1	FV U1 b1
	Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (*	6210	2013 2007	U2+ U2 c1	U2+ U2 c1
	Siliceous alpine and boreal grasslands	6150	2013 2007	FV FV	
	Species-rich Nardus grasslands, on silicious substrates in mountain areas (and submountain areas in	6230	2013 2007	U2- U2 c1	
	Sub-Pannonic steppic grasslands	6240	2013 2007	U2- U2 c1	U1- U2 b1
Sclerophyllous scrubs	Juniperus communis formations on heaths or calcareous grasslands	5130	2013 2007	U1- U2 c1	FV U2 c1
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	U1- U2 b1	U1- U2 b1
	Sub-Arctic Salix spp. scrub	4080	2013 2007	FV FV	
	Subcontinental peri-Pannonic scrub	40A0	2013 2007	FV U1 b1	U1+ U2 b1
Freshwater habitats	Alpine rivers and the herbaceous vegetation along their banks	3220	2013 2007	U1= U2 a	
	Alpine rivers and their ligneous vegetation with Myricaria germanica	3230	2013 2007	U2- U2 a	
	Alpine rivers and their ligneous vegetation with Salix elaeagnos	3240	2013 2007	U1+ U2 a	
	Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.	3140	2013 2007	U1= U1 c1	FV U1 b1
	Natural dystrophic lakes and ponds	3160	2013 2007	U2+ U2 c1	
	Natural eutrophic lakes with Magnopotamion or Hydrocharition — type vegetation	3150	2013 2007	U2+ U2 c1	U2+ U2 c1
	Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the	3130	2013 2007	U1+ U2 b1	U1+ U2 b1
	Rivers with muddy banks with Chenopodium rubri p.p. and Bidention p.p. vegetation	3270	2013 2007	U1- U2 b1	U1- U2 b1
	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitriche-Batrachion vegetation	3260	2013 2007	U1+ U2 b1	U1- U2 b1
Dunes habitats	Inland dunes with open Corynephorus and Agrostis grasslands	2330	2013 2007	U2- U2 c1	FV U2 b1
Coastal habitats	Inland salt meadows	1340	2013 2007	U2- U2 c1	U2- U2 c1

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 Czech Republic

Group	Name	Code	Year	CON	PAN
Non-vascular plants	Buxbaumia viridis	1386	2013 2007	U1= XX b1	
	Cladonia spp. (subgenus Cladina)	1378	2013 2007	FV U1 c1	XX U1 c1
	Dicranum viride	1381	2013 2007	U1= XX b1	
	Drepanocladus vernicosus	1393	2013 2007	U1- U1 c2	
	Leucobryum glaucum	1400	2013 2007	FV XX c1	FV XX c1
	Mannia triandra	1379	2013 2007	U2= U2 c2	
	Notothylas orbicularis	1396	2013 2007	XX	
	Orthotrichum rogeri	1387	2013 2007	XX	
	Sphagnum spp.	1409	2013 2007	FV XX c1	XX XX c1
	Vascular plants	Aconitum firmum ssp. moravicum	4109	2013 2007	FV FV
Adenophora lilifolia		4068	2013 2007	U2= U2 nc	
Angelica palustris		1617	2013 2007	U1= U2 a	
Arnica montana		1762	2013 2007	FV FV	
Artemisia pancicii		1917	2013 2007		U2= U2 nc
Asplenium adulterinum		4066	2013 2007	U1= U1 nc	
Campanula bohemica		4069	2013 2007	U1= FV b1	
Campanula gelida		2233	2013 2007	U1= U2 b1	
Cerastium alsinifolium		2071	2013 2007	U1= U1 nc	
Cirsium brachycephalum		4081	2013 2007		U2- U2 nc
Coleanthus subtilis		1887	2013 2007	FV FV	
Crambe tataria		4091	2013 2007		U1= U1 nc
Cypripedium calceolus		1902	2013 2007	U1= U1 nc	U1= U2 b1
Dianthus arenarius ssp. bohemicus		4073	2013 2007	U1+ U2 a	

Group	Name	Code	Year	CON	PAN
	<i>Dianthus lumnitzeri</i>	4075	2013 2007		U1= U1 nc
	<i>Dianthus moravicus</i>	4076	2013 2007	U1= U1 nc	U1= U2 b1
	<i>Dracocephalum austriacum</i>	1689	2013 2007	U1= U1 nc	U2- U2 nc
	<i>Echium russicum</i>	4067	2013 2007	U2- U2 nc	U1= U2 a
	<i>Galanthus nivalis</i>	1866	2013 2007	FV FV	FV FV
	<i>Galium sudeticum</i>	4113	2013 2007	U1= U1 nc	
	<i>Gentianella bohemica</i>	4094	2013 2007	U2- U2 nc	
	<i>Gladiolus palustris</i>	4096	2013 2007	U1= U1 nc	U2= U2 nc
	<i>Himantoglossum adriaticum</i>	4104	2013 2007	U2- U2 nc	
	<i>Iris humilis</i> ssp. <i>arenaria</i>	4098	2013 2007		U1= U1 nc
	<i>Jurinea cyanoides</i>	1805	2013 2007	U2- U2 nc	
	<i>Ligularia sibirica</i>	1758	2013 2007	U1- U1 nc	
	<i>Lindernia procumbens</i>	1725	2013 2007	U2- U2 nc	U2- U2 nc
	<i>Liparis loeselii</i>	1903	2013 2007	U1- U1 nc	
	<i>Luronium natans</i>	1831	2013 2007	U2- U1 a	
	<i>Lycopodium</i> spp.	1413	2013 2007	FV FV	
	<i>Minuartia smejkalii</i>	2077	2013 2007	U1= U2 a	
	<i>Pedicularis sudetica</i>	2217	2013 2007	U1= U1 nc	
	<i>Poa riphaea</i>	2317	2013 2007	U1= U2 b1	
	<i>Pulsatilla grandis</i>	2093	2013 2007	U1- U1 nc	U1- U1 nc
	<i>Pulsatilla patens</i>	1477	2013 2007	U1- U1 nc	
	<i>Serratula lycopifolia</i>	4087	2013 2007	U1= FV a	U1= U1 nc
	<i>Stipa zalesskii</i>	4095	2013 2007	U1= U1 nc	
	<i>Tephroses longifolia</i> ssp. <i>moravica</i>	4088	2013 2007	U2- U2 nc	
	<i>Thesium ebracteatum</i>	1437	2013 2007	U1= U2 b1	



Group	Name	Code	Year	CON	PAN
	Trichomanes speciosum	1421	2013 2007	FV FV	
Molluscs	Anisus vorticulus	4056	2013 2007	U2= U2 a	FV U2 b1
	Helix pomatia	1026	2013 2007	FV FV	FV FV
	Margaritifera margaritifera	1029	2013 2007	U2- U2 a	
	Unio crassus	1032	2013 2007	U2= U2 a	U2= U2 a
	Vertigo angustior	1014	2013 2007	U1= FV a	U2+ U2 a
	Vertigo geyeri	1013	2013 2007	U2+ U2 b1	
	Vertigo moulinsiana	1016	2013 2007	U1+ FV a	U2= FV a
Arthropods	Anthrenochernes stellae	1936	2013 2007	U1x XX b1	
	Astacus astacus	1091	2013 2007	FV U1 a	U1= U1 a
	Austropotamobius torrentium	1093	2013 2007	U1= U1 a	
	Bolbelasmus unicornis	4011	2013 2007		U2- U2 nc
	Callimorpha quadripunctaria	1078	2013 2007	U1= FV a	U1= FV a
	Carabus hungaricus	4013	2013 2007		U1= U2 b1
	Carabus menetriesi pacholei	1914	2013 2007	U1= U2 b1	
	Carabus variolosus	4014	2013 2007	U1= U1 nc	
	Cerambyx cerdo	1088	2013 2007	U2= U2 nc	U2- U2 nc
	Coenagrion ornatum	4045	2013 2007	FV U2 a	FV FV a
	Colias myrmidone	4030	2013 2007	U2- U2 nc	
	Cordulegaster heros	4046	2013 2007	U1+ a	
	Cucujus cinnaberinus	1086	2013 2007	FV FV nc	FV FV nc
	Erebia sudetica	1069	2013 2007	U2= U2 nc	
	Eriogaster catax	1074	2013 2007	U2- U2 nc	U2- U2 nc
	Euphydryas aurinia	1065	2013 2007	U2- U2 nc	
	Graphoderus bilineatus	1082	2013 2007	U2= U2 nc	

Group	Name	Code	Year	CON	PAN
	Hypodryas maturna	1052	2013 2007	U2- U2 nc	
	Leucorrhinia albifrons	1038	2013 2007	U2= U2 nc	
	Leucorrhinia pectoralis	1042	2013 2007	U1= U1 nc	
	Limoniscus violaceus	1079	2013 2007	U2= U2 nc	U2= b1
	Lopinga achine	1067	2013 2007		U2- U2 nc
	Lucanus cervus	1083	2013 2007	U1+ U1 nc	U1+ U1 nc
	Lycaena dispar	1060	2013 2007	FV FV nc	FV FV nc
	Maculinea arion	1058	2013 2007	U2- U2 nc	
	Maculinea nausithous	1061	2013 2007	U1= U2 b1	U1= U2 b1
	Maculinea teleius	1059	2013 2007	U2- U2 nc	U2- U2 nc
	Ophiogomphus cecilia	1037	2013 2007	U1= U1 nc	U1= U1 nc
	Osmoderma eremita	1084	2013 2007	U1= U2 b1	U1= U2 b1
	Parnassius apollo	1057	2013 2007	U2= U2 nc	
	Parnassius mnemosyne	1056	2013 2007	U2- U2 nc	U2- U2 nc
	Proserpinus proserpina	1076	2013 2007	FV FV nc	FV FV nc
	Rhysodes sulcatus	4026	2013 2007	U2= U2 nc	
	Rosalia alpina	1087	2013 2007	U2= U2 nc	U1+ a
	Saga pedo	1050	2013 2007		U1+ U2 a
	Stenobothrus eurasius	4055	2013 2007	U1= U1 nc	
	Stylurus flavipes	1040	2013 2007	U2= U2 nc	U1= U2 b1
	Sympecma braueri	1039	2013 2007	U1= U2 b1	
	Zerynthia polyxena	1053	2013 2007	FV U1 b1	FV U1 b1
Fish	Acipenser ruthenus	2487	2013 2007		U2= U1 b1
	Aspius aspius	1130	2013 2007	U1= FV b1	U1= FV b1
	Barbus barbus	5085	2013 2007	U1= U1+ a	U2- FV b1

Group	Name	Code	Year	CON	PAN
	<i>Cobitis taenia</i>	1149	2013 2007	U2= U2 a	U2- U1 a
	<i>Cottus gobio</i>	1163	2013 2007	U1= U1+ a	
	<i>Eudontomyzon mariae</i>	2484	2013 2007	U2- U2 a	
	<i>Gobio belingi</i>	6157	2013 2007	U2x	
	<i>Gobio kessleri</i>	2511	2013 2007	U2= U2+ a	
	<i>Gobio vladykovi</i>	6158	2013 2007	U2=	U1=
	<i>Gymnocephalus baloni</i>	2555	2013 2007		U2= U2 a
	<i>Gymnocephalus schraetzer</i>	1157	2013 2007		U2= U2 a
	<i>Lampetra planeri</i>	1096	2013 2007	U1= U1+ a	
	<i>Misgurnus fossilis</i>	1145	2013 2007	U2- U2 a	U2- U1 a
	<i>Pelecus cultratus</i>	2522	2013 2007		U2= U2 a
	<i>Rhodeus sericeus amarus</i>	1134	2013 2007	U2= U2 a	U1= U1 a
	<i>Sabanejewia aurata</i>	1146	2013 2007	U2= U2 a	
	<i>Salmo salar</i>	1106	2013 2007	U2= U2+ a	
	<i>Thymallus thymallus</i>	1109	2013 2007	U1- FV a	U2= FV a
	<i>Zingel streber</i>	1160	2013 2007		U2= U1 a
	<i>Zingel zingel</i>	1159	2013 2007		U2= U2 a
Amphibians	<i>Bombina bombina</i>	1188	2013 2007	U2= U1 a	U1x U1 a
	<i>Bombina variegata</i>	1193	2013 2007	U1x U1- a	U1x U1 a
	<i>Bufo calamita</i>	1202	2013 2007	U2- U2 a	
	<i>Bufo viridis</i>	1201	2013 2007	U1= U2 b1	FV U1 b1
	<i>Hyla arborea</i>	1203	2013 2007	FV U1+ b1	FV U1 b1
	<i>Pelobates fuscus</i>	1197	2013 2007	U1= U1 nc	U1= U1 nc
	<i>Rana arvalis</i>	1214	2013 2007	U1- U1- a	U1- U1 a
	<i>Rana dalmatina</i>	1209	2013 2007	FV U1 a	FV U1 a

Group	Name	Code	Year	CON	PAN
	Rana esculenta	1210	2013 2007	FV U1 b1	FV U1 b1
	Rana lessonae	1207	2013 2007	FV U1 b1	FV U1 b1
	Rana ridibunda	1212	2013 2007	FV U1 b1	FV U1 b1
	Rana temporaria	1213	2013 2007	U1- U1 a	U1- U1 a
	Triturus carnifex	1167	2013 2007	U2- U2 a	U2- U2 a
	Triturus cristatus	1166	2013 2007	U2- U1- a	U2x U1- a
	Triturus dobrogicus	1993	2013 2007		U2- U2 a
	Triturus montandoni	2001	2013 2007	U2- U2 a	
Reptiles	Coronella austriaca	1283	2013 2007	U1= U1 nc	U1= U1 nc
	Elaphe longissima	1281	2013 2007	U1- U2 a	U1= U1 nc
	Lacerta agilis	1261	2013 2007	U1x FV b1	U1x FV b1
	Lacerta viridis	1263	2013 2007	U1- U1- nc	U1= U1 nc
	Natrix tessellata	1292	2013 2007	U1= U1- nc	U1= U1 nc
	Podarcis muralis	1256	2013 2007	FV U1 b1	
Mammals	Barbastella barbastellus	1308	2013 2007	U1= U1 nc	U1= U1 nc
	Castor fiber	1337	2013 2007	FV FV	FV FV
	Cricetus cricetus	1339	2013 2007	FV FV	FV FV
	Dryomys nitedula	1342	2013 2007	XX XX	
	Eptesicus nilssonii	1313	2013 2007	U1= U1 nc	
	Eptesicus serotinus	1327	2013 2007	FV FV	FV FV
	Felis silvestris	1363	2013 2007	XX U2 c2	
	Lutra lutra	1355	2013 2007	FV FV	FV FV
	Lynx lynx	1361	2013 2007	U1= U1 nc	
	Martes martes	1357	2013 2007	FV FV	FV FV
	Muscardinus avellanarius	1341	2013 2007	FV FV	FV XX c1

Group	Name	Code	Year	CON	PAN
	Mustela eversmanii	2633	2013 2007	U2= XX c1	U2= XX c1
	Mustela putorius	1358	2013 2007	FV XX c1	FV XX c1
	Myotis alcaethoe	5003	2013 2007	XX	XX
	Myotis bechsteinii	1323	2013 2007	U1= XX c1	XX XX
	Myotis brandtii	1320	2013 2007	U1= U1 nc	U1= U1 nc
	Myotis daubentonii	1314	2013 2007	FV FV	FV FV
	Myotis emarginatus	1321	2013 2007	FV U1 a	FV FV
	Myotis myotis	1324	2013 2007	FV U1 a	FV U1 a
	Myotis mystacinus	1330	2013 2007	U1= U1 nc	U1= U1 nc
	Myotis nattereri	1322	2013 2007	U1= U1 nc	U1= U1 nc
	Nyctalus lasiopterus	1328	2013 2007		XX
	Nyctalus leisleri	1331	2013 2007	U1= XX c1	U1= XX c1
	Nyctalus noctula	1312	2013 2007	FV FV	FV FV
	Pipistrellus nathusii	1317	2013 2007	FV U1 b1	FV U1 b1
	Pipistrellus pipistrellus	1309	2013 2007	FV FV	FV FV
	Pipistrellus pygmaeus	5009	2013 2007	FV XX b1	FV XX b1
	Plecotus auritus	1326	2013 2007	U1= U2 c1	U1= U2 c1
	Plecotus austriacus	1329	2013 2007	U2= U2 nc	U2= U2 nc
	Rhinolophus hipposideros	1303	2013 2007	FV U1 a	FV U1 a
	Sicista betulina	1343	2013 2007	XX XX	
	Spermophilus citellus	1335	2013 2007	U2= U2 nc	U2= U2 nc
	Vespertilio murinus	1332	2013 2007	FV FV	FV FV
Other invertebrates	Hirudo medicinalis	1034	2013 2007	U1x a	U2x U2 a

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	CON	PAN
Arthropods	Carabus hungaricus	4013	2013 2007	PEX U2 b1	
	Hypodryas maturna	1052	2013 2007		SR
Mammals	Canis aureus	1353	2013 2007	ARR XX	ARR XX
	Canis lupus	1352	2013 2007	OCC U2= U2 nc	
	Hypsugo savii	5365	2013 2007	OCC XX XX	OCC XX XX
	Miniopterus schreibersii	1310	2013 2007	ARR XX	
	Myotis blythii	1307	2013 2007	OCC U2= U1 a	OCC U2= U1 a
	Myotis dasycneme	1318	2013 2007	OCC U2= U1 c1	OCC U2= U1 c1
	Pipistrellus kuhlii	2016	2013 2007	ARR XX	
	Rhinolophus ferrumequinum	1304	2013 2007	OCC U2= U2 nc	OCC U2= U2 nc
	Ursus arctos	1354	2013 2007	OCC U2= U2 nc	