National Summary for Article 17 - Poland

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 (km²)	Area (km²)	No.	Area (km²)			
SCIs & SACs	845	38162	33832	9	4330			
SACs only	0	0	0	0	0			
	Date of database used: 11-12-2012							

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

Number of sites for which comprehensive management plans have been adopted: 15

Percentage of network area covered by comprehensive management plans: 0%

Number of sites for which management plans are under preparation (optional): 378

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 Poland. 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).

Pogion	HABI	HABITATS		SPECIES							
Region	Ann	iex 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 &	63	17	95	23	127	42	30	21			
species in the MS	80		118		127		30				
Alpine	33	8	44	13	66	29	20	16			
Continental	52	17	89	14	111	40	28	20			
Marine Baltic	4		2		1		1				

Additional information:

Number of assessments of marginal habitat types: none

Number of assessments of marginal & occasional species: 7

Number of assessments of newly arriving species: none

Number of species regionally extinct prior the Habitats Directive came into force: **13**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

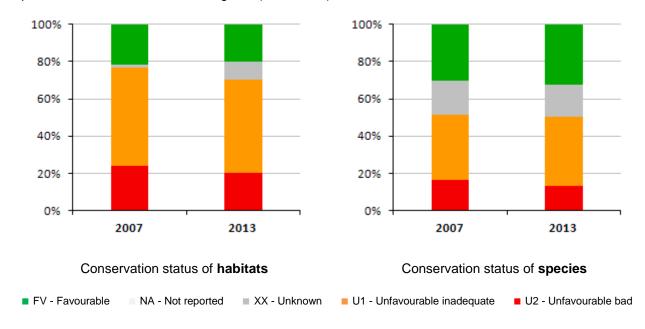
Please note that the figures shown for 2001-2006 and 2007-2012 are not necessarily directly comparable because there can be differences in number of assessments between the reporting rounds, changes in how some features were allocated in biogeographical regions etc.

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).



Year of HAE			HABITATS					SPECIES		
assessment	FV	NA	xx	U1	U2	FV	NA	xx	U1	U2
2007	24		2	59	27	81		50	94	45
2013	23		11	57	23	87		46	99	35

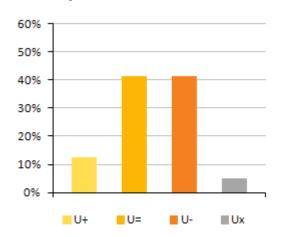
3.1 b) Percentage of assessments where the conservation status has changed between the reporting periods

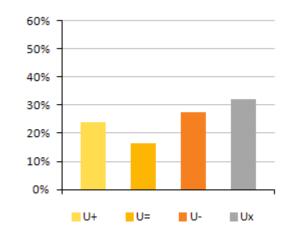
This table shows the percentage of assessments where the Member State has indicated a change between two reporting rounds (2001-2006 and 2007-2013) and the percentages of all reported changes where the change has been reported as a genuine change. Change can be either a change from one conservation status 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	44%	39%
% of total changes considered genuine	12%	1%

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).

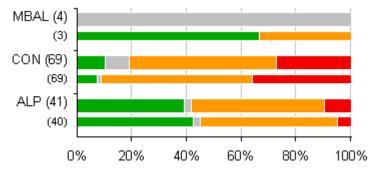
Qualifiers of CS	U1+	U1=	U1-	U1x	U2+	U2=	U2-	U2x
Habitats	8	23	22	4	2	10	11	
Species	22	19	24	34	10	3	13	9

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

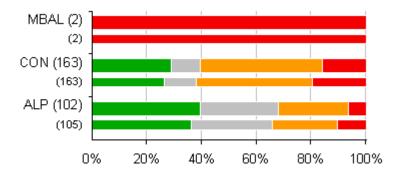
3.3 Overall assessment of conservation status of habitats and species by biogeographical/marine region (%)

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

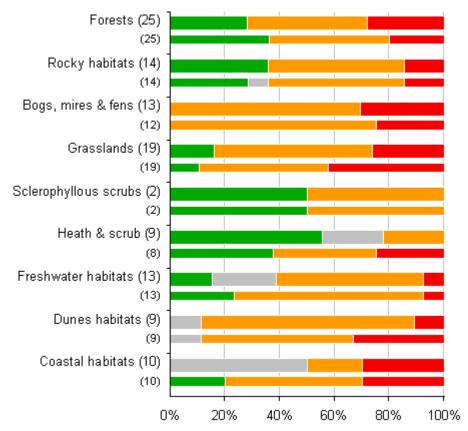
Note: wide bar corresponds to the 2007-2012 reporting period, and the narrow bar to the 2001-2006 reporting period. The number in brackets corresponds to the number of biogeographical assessments in the category.

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



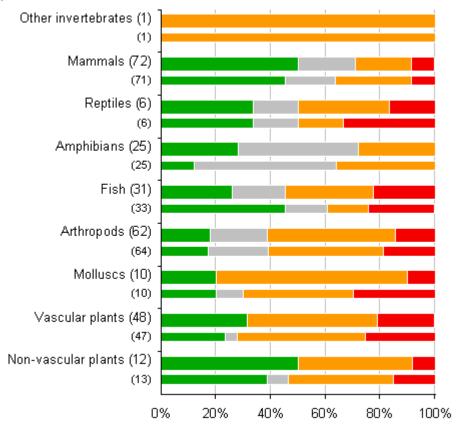
Conservation status of habitats in biogeographical and marine regions

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.

Caracia	Year of		HABITATS					
Group	assessment	FV	NA	XX	U1	U2		
Forests	2007	9			11	5		
	2013	7			11	7		
Rocky habitats	2007	4		1	7	2		
	2013	5			7	2		
Bogs, mires & fens	2007				9	3		
	2013				9	4		
Grasslands	2007	2			9	8		
	2013	3			11	5		
Sclerophyllous scrubs	2007	1			1			
	2013	1			1			
Heath & scrub	2007	3			3	2		
	2013	5		2	2			
Freshwater habitats	2007	3			9	1		
	2013	2		3	7	1		
Dunes habitats	2007			1	5	3		
	2013			1	7	1		
Coastal habitats	2007	2			5	3		
	2013			5	2	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

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.

Carrier	Year of			SPECIES		
Group	assessment	FV	NA	XX	U1	U2
Other invertebrates	2007				1	
	2013				1	
Mammals	2007	32		13	20	6
	2013	36		15	15	6
Reptiles	2007	2		1	1	2
	2013	2		1	2	1
Amphibians	2007	3		13	9	
	2013	7		11	7	
Fish	2007	15		5	5	8
	2013	8		6	10	7
Arthropods	2007	11		14	27	12
	2013	11		13	29	9
Molluscs	2007	2		1	4	3
	2013	2			7	1
Vascular plants	2007	11		2	22	12
	2013	15			23	10
Non-vascular plants	2007	5		1	5	2
	2013	6			5	1

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.

Pageon for change	Hab	itats	Species/subspecies			
Reason for change	Surface area of range	Surface area of habitat	Surface area of range	Population size	Area of habitat for the species	
Genuine change	3	17	13	20	8	
Better knowledge/data	67	68	52	66	40	
Use of different method	86	28	80	43	34	

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

4 Frequency of main pressures and threats (%) 1

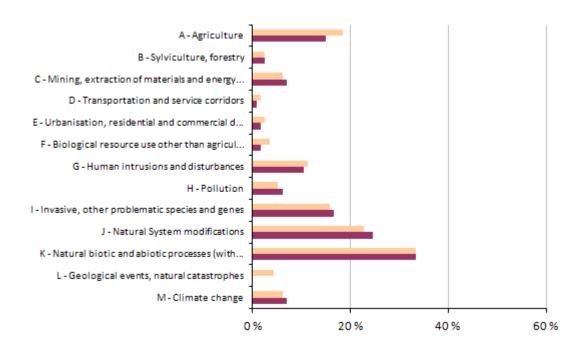
This section provides information on the relative importance of pressures and threats (aggregated to level 1) reported for habitats and species. The figures show the percentage of biogeographical assessments reported as being affected by one or more pressures or threats categorised as of 'high importance'.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

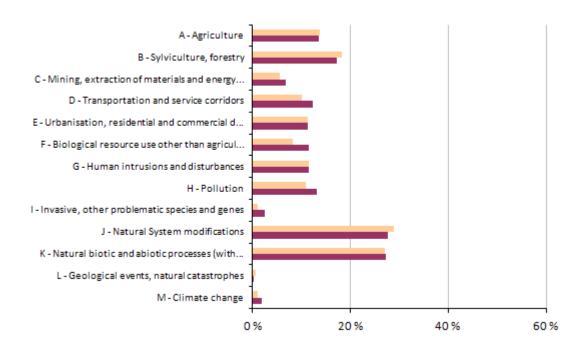
Note: Threats and pressures categories not reported are omitted.

Total number of assessments considered in the calculation: 114

Number of assessments with no high ranking threats (or no threats at all reported): 34

Number of assessment with no high ranking pressures (or no pressures at all): 35

	НАВІ	TATS
Pressures and threats	Number of threats	Number of pressures
A - Agriculture	17	21
B - Sylviculture, forestry	3	3
C - Mining, extraction of materials and energy production	8	7
D - Transportation and service corridors	1	2
E - Urbanisation, residential and commercial development	2	3
F - Biological resource use other than agriculture & forestry	2	4
G - Human intrusions and disturbances	12	13
H - Pollution	7	6
I - Invasive, other problematic species and genes	19	18
J - Natural System modifications	28	26
K - Natural biotic and abiotic processes (without catastrophes)	38	38
L - Geological events, natural catastrophes		5
M - Climate change	8	7



% 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: 267

Number of assessments with no high ranking threats (or no threats at all reported): 69

Number of assessment with no high ranking pressures (or no pressures at all): 68

	SPE	CIES
Pressures and threats	Number of threats	Number of pressures
A - Agriculture	36	37
B - Sylviculture, forestry	46	49
C - Mining, extraction of materials and energy production	18	15
D - Transportation and service corridors	33	27
E - Urbanisation, residential and commercial development	30	30
F - Biological resource use other than agriculture & forestry	31	22
G - Human intrusions and disturbances	31	31
H - Pollution	35	29
I - Invasive, other problematic species and genes	7	3
J - Natural System modifications	74	77
K - Natural biotic and abiotic processes (without catastrophes)	73	72
L - Geological events, natural catastrophes	1	2
M - Climate change	5	3

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 (%)

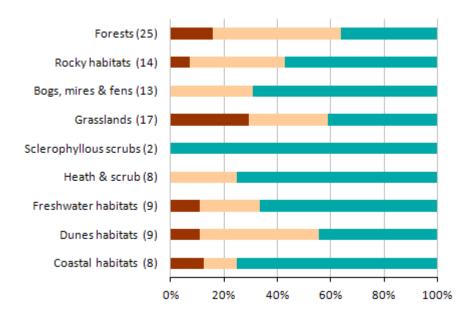
This section presents statistics on the coverage of Annex I habitats and Annex II species in Natura 2000 sites by habitat category/species group. These figures show the percentage of habitats/species assessments in three classes based on coverage by Natura 2000 sites, for habitats and species, respectively. 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.

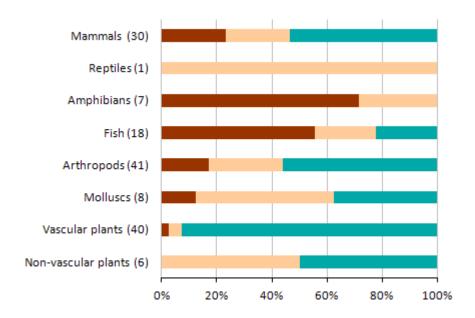


% of habitat assessments in 3 classes of coverage by Natura 2000 sites

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.

		HABITATS							
Group	0-24%	25-74%	75-100%	unknown					
Forests	4	12	9						
Rocky habitats	1	5	8						
Bogs, mires & fens		4	9						
Grasslands	5	5	7	2					
Sclerophyllous scrubs			2						
Heath & scrub		2	6	1					
Freshwater habitats	1	2	6	4					
Dunes habitats	1	4	4						
Coastal habitats	1	1	6	2					



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

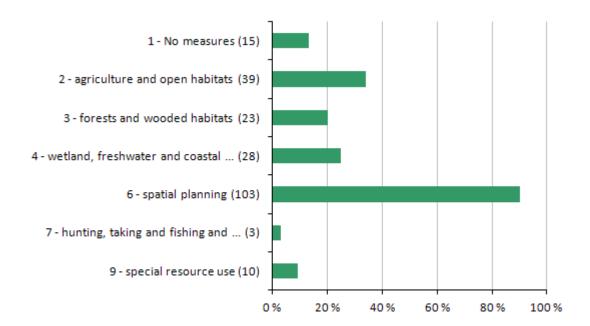
coverage by Natura 2000 sites : ■ 0-24% ■ 25-74% ■ 75-100%

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

Croup		SPECIES							
Group	0-24%	25-74%	75-100%	unknown					
Mammals	7	7	16	1					
Reptiles		1							
Amphibians	5	2							
Fish	10	4	4	6					
Arthropods	7	11	23	4					
Molluscs	1	4	3						
Vascular plants	1	2	37						
Non-vascular plants		3	3						

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.

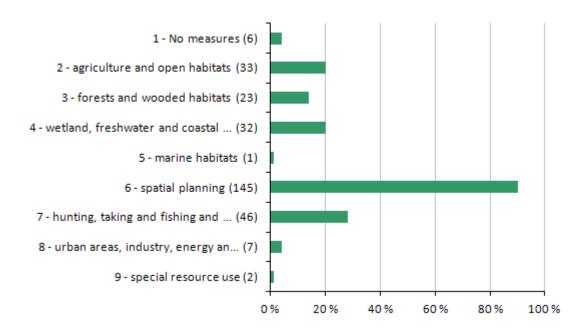


% of **habitat assessments** for which one or more 'high' importance measures were reported

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: 114

Number of assessments with no high ranking conservation measures or no conservation measures at all reported: **7**



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

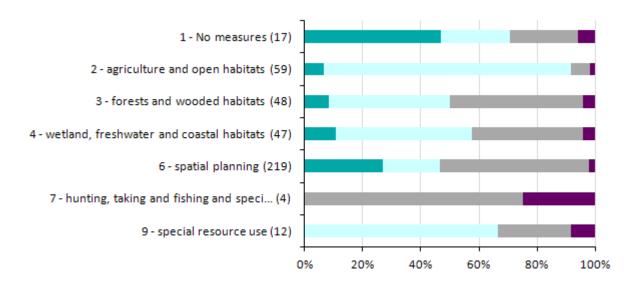
Note: Numbers in brackets correspond to the number of assessments where measure 1, 2, etc. is noted as being of high importance. Occasional and extinct species have been included in calculations.

Total number of assessments considered in the calculation: 162

Number of assessments with no high ranking conservation measures or no conservation measures at all reported: ${\bf 6}$

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).

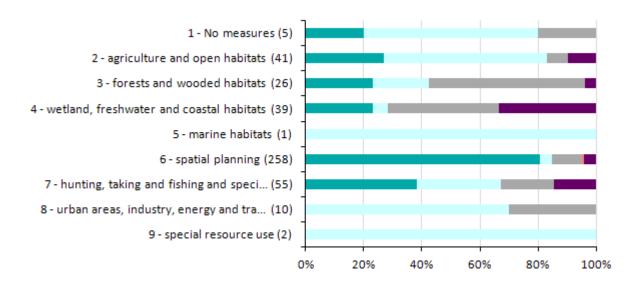


% of **habitat assessments** for which a particular effect of a measure was reported

■ 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						
		enhance	longterm		unknown or not evaluated			
1 - No measures	8	4	4		1			
2 - Measures related to agriculture and open habitats	4	50	4		1			
3 - Measures related to forests and wooded habitats	4	20	22		2			
4 - Measures related to wetland, freshwater and coastal habitats	5	22	18		2			
6 - Measures related to spatial planning	59	43	112		5			
 7 - Measures related to hunting, taking and fishing and species management 			3		1			
9 - Measures related to special resource use		8	3		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						
		enhance	longterm	no effect	unknown or not evaluated			
1 - No measures	1	3	1					
2 - Measures related to agriculture and open habitats	11	23	3		4			
3 - Measures related to forests and wooded habitats	6	5	14		1			
4 - Measures related to wetland, freshwater and coastal habitats	9	2	15		13			
5 - Measures related to marine habitats		1						
6 - Measures related to spatial planning	208	11	26	2	11			
7 - Measures related to hunting, taking and fishing and species management	21	16	10		8			
8 - Measures related to urban areas, industry, energy and transport		7	3					
9 - Measures related to special resource use		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

	Area	0
l labitat van va	Trend	0
Habitat range	Reference value	0
	Conclusion	0
	Area	0
Lighitat area	Trend	0
Habitat area	Reference value	0
	Conclusion	0
Structure & functions	Conclusion	0
Future prospects	Conclusion	0
Pressures	s & threats	0
Natura 2000	Coverage	0
Natura 2000	Measures	0
	Conclusion	0
Overall	Trend	0
	Maps	0

Species

	Area	0
Charina ranga	Trend	0
Species range	Reference value	0
	Conclusion	0
	Size	0
Charies population	Trend	0
Species population	Reference value	0
	Conclusion	0
	Area	0
Lighitat for angeles	Trend	0
Habitat for species	Area of suitable habitat*	0
	Conclusion	0
Future prospects	Conclusion	0
Pressures	s & threats	0
Natura 2000	Coverage	0
Natura 2000	Measures	0
	Conclusion	0
Overall	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

	Area	0
l labitat nama	Trend	15
Habitat range	Reference value	3
	Conclusion	10
	Area	8
Lighitat area	Trend	29
Habitat area	Reference value	9
	Conclusion	11
Structure & functions	Conclusion	11
Future prospects	Conclusion	11
Pressures	s & threats	0
Natura 2000	Coverage	4
Natura 2000	Measures	0.9
	Conclusion	10
Overall	Trend	5
	Maps	0

Species

	Area	2
Charles rongs	Trend	43
Species range	Reference value	25
	Conclusion	21
	Size	2
Consiss namulation	Trend	61
Species population	Reference value	52
	Conclusion	28
	Area	44
Lightest for an acida	Trend	51
Habitat for species	Area of suitable habitat*	49
	Conclusion	20
Future prospects	Conclusion	19
Pressures	s & threats	5
Natura 2000	Coverage	7
ivatura 2000	Measures	0
	Conclusion	17
Overall	Trend	32
	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

	Мар	Range	Area	Area trend	Str.&Funct.	N2000	Average
Expert opinion (%)	9	15	13	29	18	16	17
Extrapolation (%)	75	44	52	30	52	52	51
Complete survey (%)	17	41	27	18	31	29	27
Absent data (%)	0	0	8	24	0	4	6

Species

	Мар	Range	Population	Pop. trend	Habitat	N2000*	Average
Expert opinion (%)	18	18	33	15	20	22	21
Extrapolation (%)	67	63	55	25	28	52	48
Complete survey (%)	15	17	10	9	9	19	13
Absent data (%)	0	1	2	51	43	7	18

^{*}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. OCCif 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 Poland

Group	Name	Code	Year	ALP	CON	MBAL
Forests	Acidophilous Picea forests of the montane to alpine levels (Vaccinio-Piceetea)	9410	2013 2007	U1= FV b1	U2= U2 nc	
	Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	91E0	2013 2007	U2= U1 b1	U2= U2 nc	
	Alpine Larix decidua and/or Pinus cembra forests	9420	2013 2007	FV FV nc		
	Asperulo-Fagetum beech forests	9130	2013 2007	FV FV nc	U1+ U1 nc	
	Bog woodland	91D0	2013 2007	U1= U1 nc	U1= U2 b1	
	Central European lichen Scots pine forests	91T0	2013 2007		U2- U1 b1	
	Euro-Siberian steppic woods with Quercus spp.	9110	2013 2007		U2= U1 b1	
	Galio-Carpinetum oak-hornbeam forests	9170	2013 2007	U1+ U1 nc	U1+ U1 nc	
	Holy Cross fir forest (Abietetum polonicum)	91P0	2013 2007		U1= U1+ b1	
	Luzulo-Fagetum beech forests	9110	2013 2007	FV FV nc	U1+ U1 nc	
	Medio-European limestone beech forests of the Cephalanthero-Fagion	9150	2013 2007	U1+ FV b1	U1+ FV c1	
	Medio-European subalpine beech woods with Acer and Rumex arifolius	9140	2013 2007	FV FV nc		
	Old acidophilous oak woods with Quercus robur on sandy plains	9190	2013 2007	-	U2= U2 nc	

Group	Name	Code	Year	ALP	CON	MBAL
	Riparian mixed forests of Quercus robur, Ulmus laevis and Ulmus minor,	91F0	2013 2007		U2- U2	
	Fraxinus excelsior or Fraxinus Sub-Atlantic and medio-European oak or oak-hornbeam forests of the	9160	2013 2007		nc U1+ U1	
	Carpinion betuli Tilio-Acerion forests of slopes, screes and ravines	9180	2013 2007	FV FV nc	FV U1 b1	
	Western Carpathian calcicolous Pinus sylvestris forests	91Q0	2013 2007	FV FV nc		
Rocky habitats	Calcareous and calcshist screes of the montane to alpine levels (Thlaspietea rotundifolii)	8120	2013 2007	FV FV nc		
	Calcareous rocky slopes with chasmophytic vegetation	8210	2013 2007	FV FV nc	U1x U1 nc	
	Caves not open to the public	8310	2013 2007	FV FV nc	FV U1 c1	
	Medio-European calcareous scree of hill and montane levels	8160	2013 2007	U1- U1 nc	U2- U1 c1	
	Medio-European upland siliceous screes	8150	2013 2007	U1- U1 nc	U1= U2 b1	
	Siliceous rock with pioneer vegetation of the Sedo-Scleranthion or of the Sedo albi-Veronicion dillenii	8230	2013 2007	-	U2- U2 nc	
	Siliceous rocky slopes with chasmophytic vegetation	8220	2013 2007	U1x XX b1	U1- U1 nc	
	Siliceous scree of the montane to snow levels (Androsacetalia alpinae and Galeopsietalia ladani)	8110	2013 2007	FV FV nc	U1= U1 nc	
Bogs, mires & fens	Active raised bogs	7110	2013 2007	U1= U1 nc	U2= U2 nc	
	Alkaline fens	7230	2013 2007	U1- U1 nc	U1- U1 nc	
	Calcareous fens with Cladium mariscus and species of the Caricion davallianae	7210	2013 2007	-	U2= U1 b1	
	Degraded raised bogs still capable of natural regeneration	7120	2013 2007	U1= U1 nc	U1= U1 nc	
	Depressions on peat substrates of the Rhynchosporion	7150	2013 2007	U2-	U2- U2 nc	
	Petrifying springs with tufa formation (Cratoneurion)	7220	2013 2007	U1- U1 nc	U1- U1 nc	
	Transition mires and quaking bogs	7140	2013 2007	U1- U1 nc	U1- U2 b1	
Grasslands	Alluvial meadows of river valleys of the Cnidion dubii	6440	2013 2007	-	U1- U1 nc	
	Alpine and subalpine calcareous grasslands	6170	2013 2007	FV FV nc		
	Calaminarian grasslands of the Violetalia calaminariae	6130	2013 2007		U2- U2 nc	
	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	6430	2013 2007	FV FV nc	U1= U1 nc	
	Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)	6510	2013 2007	U1- U1 nc	U1- U1 nc	
	Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	6410	2013 2007	U1- U1 nc	U1- U2 b1	

Group	Name	Code	Year	ALP	CON	MBAL
	Mountain hay meadows	6520	2013 2007	U1- U2	U1- U1	
	Rupicolous calcareous or basophilic grasslands of the Alysso-Sedion albi	6110	2013 2007	b1	nc U1- U2 b1	
	Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (*	6210	2013 2007	U2+ U1 b2	U1+ U2 a	
	Siliceous alpine and boreal grasslands	6150	2013 2007	FV U1 b1	U1- U1 nc	
	Species-rich Nardus grasslands, on silicious substrates in mountain areas (and submountain areas in	6230	2013 2007	U2- U2 nc	U2- U2 nc	
	Xeric sand calcareous grasslands	6120	2013 2007		U2- U2 nc	
Sclerophyllous scrubs	Juniperus communis formations on heaths or calcareous grasslands	5130	2013 2007	U1- FV b1	FV U1 b1	
Heath & scrub	Alpine and Boreal heaths	4060	2013 2007	FV FV nc	U1- U1 nc	
	Bushes with Pinus mugo and Rhododendron hirsutum (Mugo- Rhododendretum hirsuti)	4070	2013 2007	FV U1 b1	FV U1 b1	
	European dry heaths	4030	2013 2007		U1= U2 b1	
	Northern Atlantic wet heaths with Erica tetralix	4010	2013 2007		U2 c1	
	Sub-Arctic Salix spp. scrub	4080	2013 2007	FV FV nc	FV FV nc	
	Subcontinental peri-Pannonic scrub	40A0	2013 2007		c1	
Freshwater habitats	Alpine rivers and the herbaceous vegetation along their banks	3220	2013 2007	U1= U1 nc	U1= U2 b1	
	Alpine rivers and their ligneous vegetation with Myricaria germanica	3230	2013 2007	U1x U1 nc		
	Alpine rivers and their ligneous vegetation with Salix elaeagnos	3240	2013 2007	U1x U1 nc		
	Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.	3140	2013 2007		U2 FV b1	
	Natural dystrophic lakes and ponds	3160	2013 2007	U1= U1 nc	FV U1 b1	
	Natural eutrophic lakes with Magnopotamion or Hydrocharition — type vegetation	3150	2013 2007	U1 c1	U1- U1 nc	
	Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the	3130	2013 2007		FV b1	
	Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)	3110	2013		U1= U1 nc	
	Rivers with muddy banks with Chenopodion rubri p.p. and Bidention p.p. vegetation	3270	2013 2007		FV c1	
	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation	3260	2013 2007		FV U1 b1	
Dunes habitats	Decalcified fixed dunes with Empetrum nigrum	2140	2013 2007		U1= U2 b1	
	Dunes with Hippophaë rhamnoides	2160	2013 2007		U1= XX b1	

Group	Name	Code	Year	ALP	CON	MBAL
	Dunes with Salix repens ssp.	2170	2013		U1=	
	argentea (Salicion arenariae)		2007		U1 nc	
	Embryonic shifting dunes	2110	2013		U1=	
			2007		U1	
	Fixed coastal dunes with herbaceous	2130	2013		nc U1=	
	vegetation ("grey dunes")	2100	2007		U2	
	, ,				b1	
	Humid dune slacks	2190	2013 2007		XX U1	
			2007		b1	
	Inland dunes with open	2330	2013		U2-	
	Corynephorus and Agrostis		2007		U2	
	grasslands Shifting dunes along the shoreline	2120	2013		nc U1=	
	with Ammophila arenaria ('white	2120	2007		U1	
	dunes')	0.4.0.0	2212		nc	
	Wooded dunes of the Atlantic, Continental and Boreal region	2180	2013 2007		U1= U1	
	Continental and Boreal region		2007		nc	
Coastal habitats	Annual vegetation of drift lines	1210	2013		XX	
			2007		U1	
	Atlantic salt meadows (Glauco-	1330	2013		C1 U2+	
	Puccinellietalia maritimae)		2007		U2	
	Occasio Harrana	4450	0040		nc	
	Coastal lagoons	1150	2013 2007		U1= U1	
			2007		nc	
	Estuaries	1130	2013			XX
			2007			U1 c1
	Inland salt meadows	1340	2013		U2=	CI
			2007		U2	
	Large shallow inlets and have	1160	2012		nc	XX
	Large shallow inlets and bays	1160	2013 2007			U1
						c1
	Reefs	1170	2013			XX
			2007			FV c1
	Salicornia and other annuals	1310	2013		U2=	<u> </u>
	colonizing mud and sand		2007		U2	
	Sandbanks which are slightly covered	1110	2013		nc	XX
	by sea water all the time	1110	2013			FV
						c1
	Vegetated sea cliffs of the Atlantic and Baltic Coasts	1230	2013		U1-	
	and partic Coasts		2007		U1 nc	
<u> </u>					110	

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)

Group	Name	Code	Year	CON
Forests	Medio-European subalpine beech woods with Acer and Rumex arifolius	9140	2013 2007	SR U1x
Grasslands	Rupicolous pannonic grasslands (Stipo-Festucetalia pallentis)	6190	2013 2007	SR U2=

Species reported by Poland

Group	Name	Code	Year	ALP	CON	MBAL
Non-vascular plants	Buxbaumia viridis	1386	2013 2007	FV U2	FV U2	
	Cladonia spp. (subgenus Cladina)	1378	2013 2007	b1 FV U1	b1 U1= FV	
	Dicranum viride	1381	2013 2007	b1 FV U1	b1 U1+ U1	
	Drepanocladus vernicosus	1393	2013 2007	a U2= U1	b1 U1= FV	
	Leucobryum glaucum	1400	2013 2007	a FV FV	FV FV	
	Sphagnum spp.	1409	2013 2007	U1+ FV	U1+ U1	
Vascular plants	Aconitum firmum ssp. moravicum	4109	2013 2007	c1 FV FV	b1	
	Adenophora lilifolia	4068	2013 2007		U2x U1-	
	Agrimonia pilosa	1939	2013 2007	FV	b1 U1= FV	
	Aldrovanda vesiculosa	1516	2013 2007		b1 U1= U1	
	Angelica palustris	1617	2013 2007		FV U1	
	Apium repens	1614	2013 2007		b1 U2- U1	
	Arnica montana	1762	2013 2007	U1+ U2	b1 U1- U1	
	Artemisia eriantha	1763	2013 2007	b1 FV FV	b1	
	Asplenium adulterinum	4066	2013 2007		U1= U1 b1	
	Caldesia parnassifolia	1832	2013 2007		U2+ U2 a	
	Campanula bohemica	4069	2013 2007		U1= U1 b1	
	Campanula serrata	4070	2013 2007	U1x U1 b1	D1	
	Carlina onopordifolia	2249	2013 2007	51	U1= U1 a	
	Cochlearia polonica	2109	2013 2007		U1= U1 a	
	Cochlearia tatrae	4090	2013 2007	FV FV	a	
	Coleanthus subtilis	1887	2013 2007		FV U2 a	
	Cypripedium calceolus	1902	2013 2007	U1= U1 c1	U1= U2 c1	
	Echium russicum	4067	2013 2007		U2- U2 a	

Group	Name	Code	Year	ALP	CON	MBAL
	Eleocharis carniolica	1898	2013 2007	U1+ XX	U1+ U2	
	Erysimum pieninicum	2114	2013 2007	a FV FV	a	
	Galanthus nivalis	1866	2013 2007	FV FV	FV FV	
	Galium cracoviense	2189	2013 2007		FV XX	
	Galium sudeticum	4113	2013 2007		b1 FV U1 c1	
	Gentianella bohemica	4094	2013 2007		U1x U1	
	Gladiolus palustris	4096	2013 2007		U2+ U2 a	
	Ligularia sibirica	1758	2013 2007	U1= U1 c1	U1+ U1 a	
	Linaria loeselii	2216	2013 2007	UI	U1= U1 b1	
	Lindernia procumbens	1725	2013 2007		U1x U1 b1	
	Liparis loeselii	1903	2013 2007		U1- U1 b1	
	Luronium natans	1831	2013 2007		U1x U2 b1	
	Lycopodium spp.	1413	2013 2007	FV FV	FV FV	
	Marsilea quadrifolia	1428	2013 2007		U2+ U2 a	
-	Pedicularis sudetica	2217	2013 2007		FV U1 c1	
	Pulsatilla patens	1477	2013 2007		U2x U1 b1	
	Pulsatilla slavica	2094	2013 2007	FV FV		
	Rhododendron luteum	4093	2013 2007		U2= U1 c1	
	Saxifraga hirculus	1528	2013 2007		U2- U2 a	
	Serratula lycopifolia	4087	2013 2007		U1- U2 a	
	Thesium ebracteatum	1437	2013 2007		U1x U1 b1	
	Tozzia carpathica	4116	2013 2007	U1= FV b1	Ž.	
	Trichomanes speciosum	1421	2013 2007	~ .	U2- U2 a	
Molluscs	Anisus vorticulus	4056	2013 2007		U1x U1 nc	
	Helix pomatia	1026	2013 2007	FV FV	FV FV	

Group	Name	Code	Year	ALP	CON	MBAL
	Unio crassus	1032	2013 2007	U2- U2	U1+ U2	
	Vertigo angustior	1014	2013 2007	a U1x XX b1	b1 U1x U1	
	Vertigo geyeri	1013	2013 2007	U1x U1 nc	nc U1-	
	Vertigo moulinsiana	1016	2013 2007	TIC	U1x U1 nc	
Arthropods	Aeshna viridis	1048	2013 2007		FV FV	
	Astacus astacus	1091	2013 2007	U1= U1 nc	U2- U1 a	
	Boros schneideri	1920	2013 2007	XX	U1+ U2 b1	
	Buprestis splendens	1085	2013 2007		U1+ U2 b1	
	Callimorpha quadripunctaria	1078	2013 2007	XX XX	XX XX	
	Carabus variolosus	4014	2013 2007	U1x FV b1	U1x U1 nc	
	Carabus zawadzkii	4015	2013 2007	XX		
	Cerambyx cerdo	1088	2013 2007	XX U1 c1	U1- U1 nc	
	Coenagrion ornatum	4045	2013 2007	U2- XX b1	U2x U2 nc	
	Coenonympha hero	1070	2013 2007		U1- U1 a	
	Coenonympha oedippus	1071	2013 2007		U1- U2 b1	
	Colias myrmidone	4030	2013 2007		U2- U1 a	
	Cucujus cinnaberinus	1086	2013 2007	U1+ U1 b1	U1+ U2 b1	
	Dytiscus latissimus	1081	2013 2007		U1- U1 nc	
	Erebia sudetica	1069	2013 2007		XX U2 c1	
	Eriogaster catax	1074	2013 2007		U1x U1 nc	
	Euphydryas aurinia	1065	2013 2007	U1x XX b1	U1- U1 nc	
	Graphoderus bilineatus	1082	2013 2007		FV FV	
	Hypodryas maturna	1052	2013 2007		U1x U1 nc	
	Leucorrhinia albifrons	1038	2013 2007		FV FV	
	Leucorrhinia caudalis	1035	2013 2007		FV FV	

Group	Name	Code	Year	ALP	CON	MBAL
	Leucorrhinia pectoralis	1042	2013 2007		FV FV	
	Lopinga achine	1067	2013 2007		FV U1	
	Lucanus cervus	1083	2013 2007	XX U2 c1	b1 U1x XX b1	
	Lycaena dispar	1060	2013 2007	FV FV	FV FV	
	Lycaena helle	4038	2013 2007		U1x U1 nc	
	Maculinea arion	1058	2013 2007	U2- U2 nc	U2- U2 nc	
	Maculinea nausithous	1061	2013 2007	U1x XX c1	U1- U1 nc	
	Maculinea teleius	1059	2013 2007	U1x XX c1	U1- U1 nc	
	Mesosa myops	1923	2013 2007		XX U2 c1	
	Ophiogomphus cecilia	1037	2013 2007		FV FV	
	Osmoderma eremita	1084	2013 2007	XX U1 c1	U1- U1-	
	Oxyporus mannerheimii	1924	2013 2007		XX U1 c1	
	Parnassius apollo	1057	2013 2007	U1+ U1 nc		
	Parnassius mnemosyne	1056	2013 2007	U1= U1 nc	U1= U1 nc	
	Phryganophilus ruficollis	4021	2013 2007	-	U1+ U1 a	
	Polyommatus eroides	4042	2013 2007		U2- U2 a	
	Proserpinus proserpina	1076	2013 2007	XX XX	XX XX	
	Pseudogaurotina excellens	4024	2013 2007	U1+ U1 b1		
	Pytho kolwensis	1925	2013 2007		U2x U2 nc	
	Rhysodes sulcatus	4026	2013 2007	U2+ U2 b1	U1x U1 nc	
	Rosalia alpina	1087	2013 2007	U1- XX b1		
	Stylurus flavipes	1040	2013 2007		FV FV	
	Sympecma braueri	1039	2013 2007		FV FV	
	Xylomoia strix	4044	2013 2007		XX XX	
Fish	Alosa fallax	1103	2013 2007		U2x U2 nc	

Group	Name	Code	Year	ALP	CON	MBAL
	Aspius aspius	1130	2013 2007	FV XX	FV FV	
	Barbus barbus	5085	2013 2007	c1 U2x U2	U2x U2	
	Barbus meridionalis	1138	2013 2007	nc U1x U2	nc U2x U2	
	Barbus waleckii	5267	2013 2007	<u>b1</u>	nc	
	Cobitis taenia	1149	2013 2007	XX FV	FV FV	
	Coregonus albula	2492	2013 2007	c1	U1= FV b1	
	Coregonus lavaretus	2494	2013 2007		U1- FV	
	Cottus gobio	1163	2013 2007	FV FV	FV FV	
	Eudontomyzon mariae	2484	2013 2007	XX XX	XX XX	
	Gobio belingi	6157	2013 2007		FV FV	
	Gobio kessleri	2511	2013 2007		FV FV	
	Lampetra fluviatilis	1099	2013 2007		U2+ U2	
	Lampetra planeri	1096	2013 2007	XX XX	a U1+ FV	
	Misgurnus fossilis	1145	2013 2007		b1 U1- FV b1	
	Pelecus cultratus	2522	2013 2007		U1- FV b1	
	Petromyzon marinus	1095	2013 2007		U2= U2 nc	
	Phoxinus percnurus	4009	2013 2007		U1+ U1 b1	
	Rhodeus sericeus amarus	1134	2013 2007		FV FV	
	Sabanejewia aurata	1146	2013 2007	XX FV c1	XX	
	Salmo salar	1106	2013 2007	U I	U2+ U1 c1	
	Thymallus thymallus	1109	2013 2007	U1- U1 nc	U1- U1 nc	
Amphibians	Bombina bombina	1188	2013 2007	110	U1x U1 nc	
	Bombina variegata	1193	2013 2007	FV FV	XX XX	
	Bufo calamita	1202	2013 2007		FV XX c1	
	Bufo viridis	1201	2013 2007	XX XX	FV XX c1	

Group	Name	Code	Year	ALP	CON	MBAL
	Hyla arborea	1203	2013 2007	XX XX	FV XX	
	Pelobates fuscus	1197	2013 2007	XX XX	b1 FV U1	
	Rana arvalis	1214	2013 2007	XX XX	b1 U1x U1	
	Rana dalmatina	1209	2013 2007		nc U1- XX b1	
	Rana esculenta	1210	2013 2007	XX XX	U1= U1 nc	
	Rana lessonae	1207	2013 2007	XX XX	U1x U1 nc	
	Rana ridibunda	1212	2013 2007	XX XX	XX U1 c1	
	Rana temporaria	1213	2013 2007	FV FV	U1- U1 nc	
	Triturus cristatus	1166	2013 2007	XX U1 c1	U1x U1 nc	
	Triturus montandoni	2001	2013 2007	FV FV	XX	
Reptiles	Coronella austriaca	1283	2013 2007	XX XX	U1x U1+ d	
	Elaphe longissima	1281	2013 2007	U2+ U2 a		
	Emys orbicularis	1220	2013 2007	_ u	U1- U2 b1	
	Lacerta agilis	1261	2013 2007	FV FV	FV FV	
Mammals	Barbastella barbastellus	1308	2013 2007	XX XX	U1x FV b1	
	Bison bonasus	2647	2013 2007	U1+ U1 nc	U1= U1 nc	
	Canis lupus	1352	2013 2007	FV FV	U1+ U1 a	
	Castor fiber	1337	2013 2007	FV FV	FV FV	
	Cricetus cricetus	1339	2013 2007		U2x U2 nc	
	Dryomys nitedula	1342	2013 2007	XX XX	XX U1 c1	
	Eptesicus nilssonii	1313	2013 2007	FV FV	FV XX b1	
	Eptesicus serotinus	1327	2013 2007	FV FV	FV FV	
	Felis silvestris	1363	2013 2007	U1x U1 d	U1x U1 d	
	Halichoerus grypus	1364	2013 2007	-		U2+ U2 a
	Lepus timidus	1334	2013 2007		U1- U1 d	

Group	Name	Code	Year	ALP	CON	MBAL
	Lutra lutra	1355	2013 2007	FV FV	FV FV	
	Lynx lynx	1361	2013 2007	U1- U1	U2- U2	
	Marmota marmota latirostris	4003	2013 2007	nc FV U1	nc_	
	Martes martes	1357	2013 2007	a FV FV	FV FV	
	Microtus tatricus	2612	2013 2007	FV FV		
	Muscardinus avellanarius	1341	2013 2007	FV FV	FV FV	
	Mustela putorius	1358	2013 2007	FV FV	FV FV	
	Myotis bechsteinii	1323	2013 2007	XX U1	U1x U1	
	Myotis brandtii	1320	2013 2007	c1 FV FV	nc FV FV	
	Myotis dasycneme	1318	2013 2007	XX XX	U1x U1	
	Myotis daubentonii	1314	2013 2007	FV FV	nc FV FV	
	Myotis emarginatus	1321	2013 2007	XX U1 c1	U1+ U1	
	Myotis myotis	1324	2013 2007	FV FV	a FV U1 b1	
	Myotis mystacinus	1330	2013 2007	FV FV	FV FV	
	Myotis nattereri	1322	2013 2007	FV FV	FV FV	
	Nyctalus leisleri	1331	2013 2007	XX XX	U1x U1 nc	
-	Nyctalus noctula	1312	2013 2007	FV XX b1	FV FV	
	Phocoena phocoena	1351	2013 2007	DI		U2- U2 nc
	Pipistrellus nathusii	1317	2013 2007		FV FV	ne
	Pipistrellus pipistrellus	1309	2013 2007	FV FV	FV FV	
	Pipistrellus pygmaeus	5009	2013 2007	XX	XX	
	Plecotus auritus	1326	2013 2007	FV FV	FV FV	
	Plecotus austriacus	1329	2013 2007	XX XX	XX XX	
	Rhinolophus hipposideros	1303	2013 2007	U1+ U2 b1	U1+ U1 a	
	Rupicapra rupicapra tatrica	4006	2013 2007	FV U1+ a	а	

Group	Name	Code	Year	ALP	CON	MBAL
	Sicista betulina	1343	2013 2007	XX XX	XX	
	Sicista subtilis	2021	2013 2007		XX XX	
	Spermophilus citellus	1335	2013 2007		U2+ U1 b1	
	Spermophilus suslicus	2608	2013 2007		U2+ U2	
	Ursus arctos	1354	2013 2007	U1- U1 nc		
	Vespertilio murinus	1332	2013 2007	FV FV	XX XX	
Other invertebrates	Hirudo medicinalis	1034	2013 2007		U1x U1 nc	

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	CON	MBAL
Non-vascular plants	Dichelyma capillaceum	1383	2013 2007		PEX U2	
	Meesia longiseta	1389	2013 2007	PEX XX	PEX U2	
Molluscs	Margaritifera margaritifera	1029	2013 2007		PEX U2	
	Vertigo genesii	1015	2013 2007		SR	
Arthropods	Carabus zawadzkii	4015	2013 2007		SR XX U1 c1	
	Eriogaster catax	1074	2013 2007	PEX XX U1 c1		
	Leucorrhinia pectoralis	1042	2013 2007	OCC XX		
	Limoniscus violaceus	1079	2013 2007		PEX XX XX	
	Ophiogomphus cecilia	1037	2013 2007	OCC XX XX nc		
	Phryganophilus ruficollis	4021	2013 2007	PEX XX		
	Rosalia alpina	1087	2013 2007		PEX	
	Sympecma braueri	1039	2013 2007	OCC XX		
Fish	Alosa alosa	1102	2013 2007		PEX XX XX	
	Gobio kessleri	2511	2013 2007	PEX U2= FV b1		

Group	Name	Code	Year	ALP	CON	MBAL
	Hucho hucho	1105	2013 2007	PEX XX		
	Salmo salar	1106	2013 2007	PEX U2+		
Mammals	Mustela eversmanii	2633	2013 2007		PEX XX XX	
	Phoca hispida botnica	1938	2013 2007			OCC U2x U2 c1
	Phoca vitulina	1365	2013 2007			OCC U1x U2 c1
	Pipistrellus nathusii	1317	2013 2007	OCC XX		
	Rhinolophus ferrumequinum	1304	2013 2007		OCC XX	