

National Summary for Article 17 - Germany

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	4617	54452.33	33230.72	72	21221.61
SACs only	3833	35999.76	27456.53	34	8543.23

Date of database used: 30-10-2012

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

Number of sites for which comprehensive management plans have been adopted: **1740**

Percentage of network area covered by comprehensive management plans: **20%**

Number of sites for which management plans are under preparation (optional): **591**

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 Germany. 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	71	21	104	13	114	50	46	30
	92		117		114		46	
Alpine	34	10	33	3	48	30	20	18
Atlantic	45	15	42	7	64	35	21	15
Continental	58	20	94	11	109	49	41	27
Marine Atlantic	5		3		1		2	
Marine Baltic	5		3		1		2	

Additional information:

Number of assessments of marginal habitat types: **3**

Number of assessments of marginal & occasional species: **8**

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

Number of species regionally extinct prior the Habitats Directive came into force: **15**

Number of species regionally extinct after the Habitats Directive came into force: **3**

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

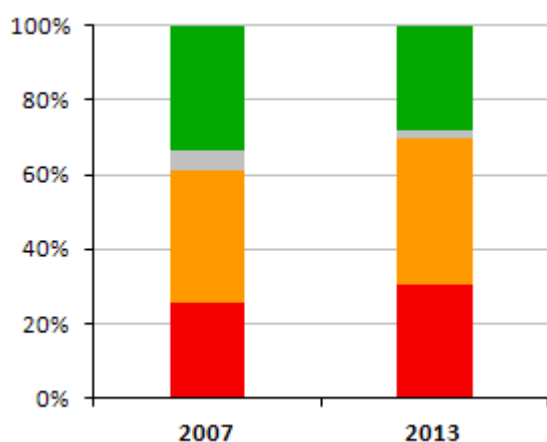
Please note that the figures shown for 2001-2006 and 2007-2012 are not necessarily directly comparable because there can be differences in number of assessments between the reporting rounds, changes in how some features were allocated in biogeographical regions etc.

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

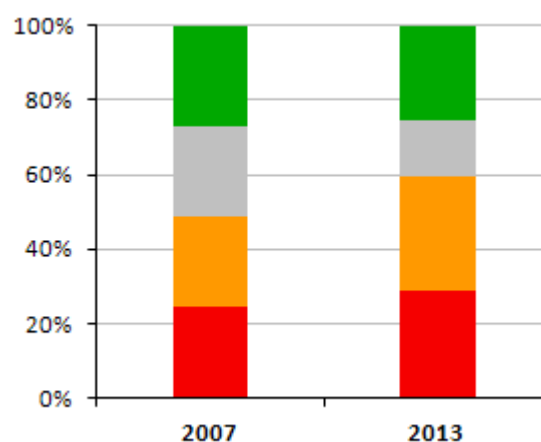
- Habitats reported as marginal (MAR) or with scientific reserve (SR)
- Species reported as marginal (MAR), occasional (OCC), newly arriving (ARR), regionally extinct before the Habitats Directive came into force (PEX) and introduced species (INT). In addition reports that give only an information about 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	65		10	69	49	130		115	117	118
2013	54		4	75	59	93		56	115	106

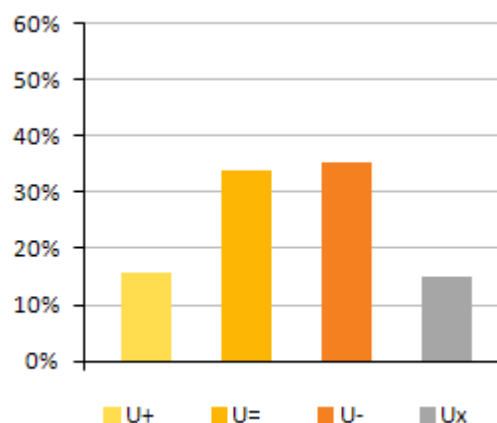
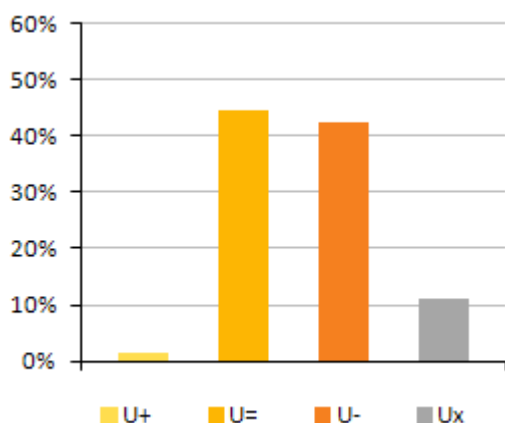
3.1 b) Percentage of assessments where the conservation status has changed between the reporting periods

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	51%	49%
% of total changes considered genuine	26%	26%

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).

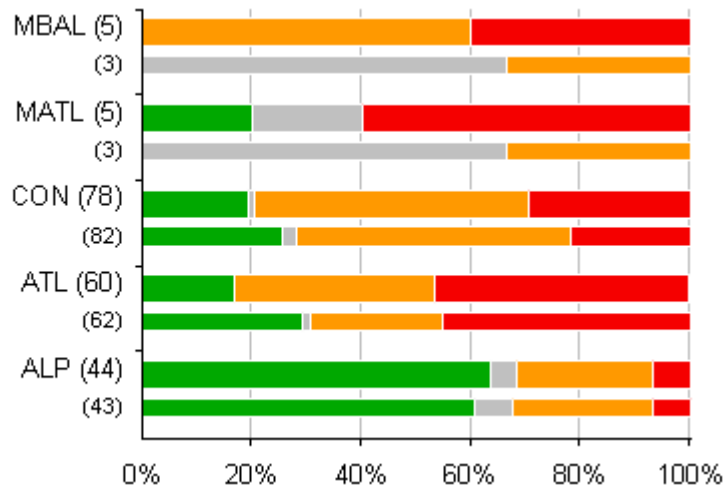
Qualifiers of CS	U1+	U1=	U1-	U1x	U2+	U2=	U2-	U2x
Habitats	1	36	28	10	1	24	29	5
Species	20	44	41	10	15	31	37	23

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

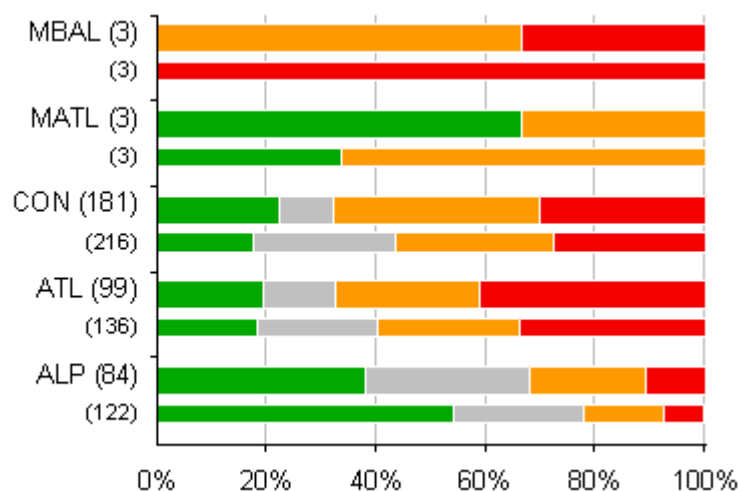
3.3 Overall assessment of conservation status of habitats and species by biogeographical/marine region (%)

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



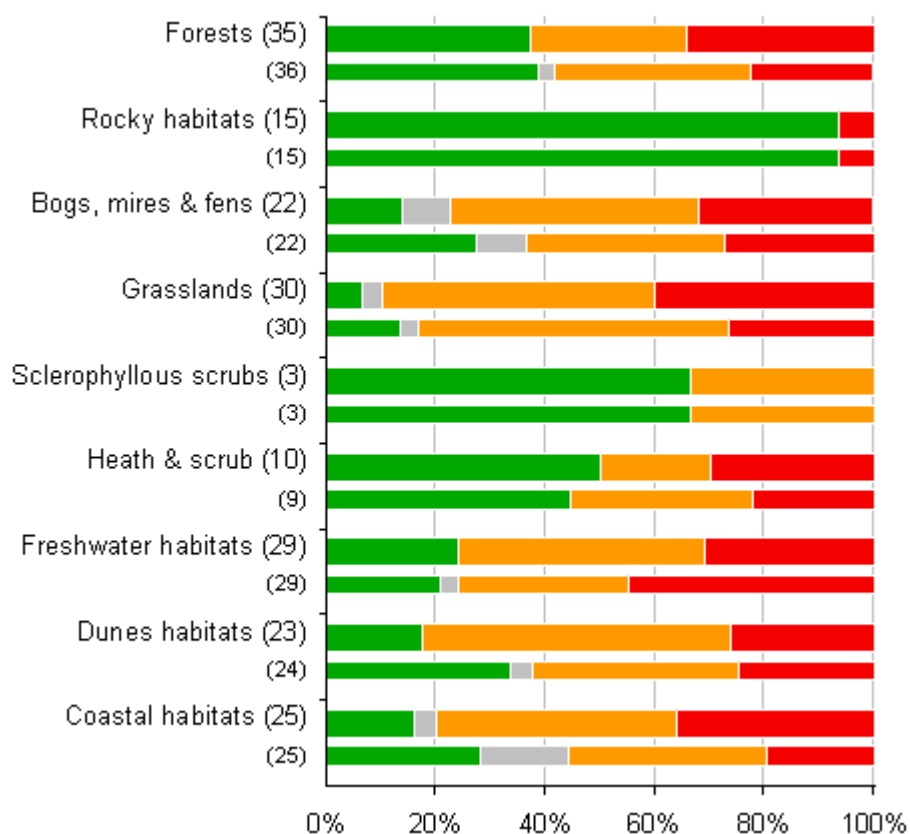
Conservation status of **species** in biogeographical and marine regions

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.

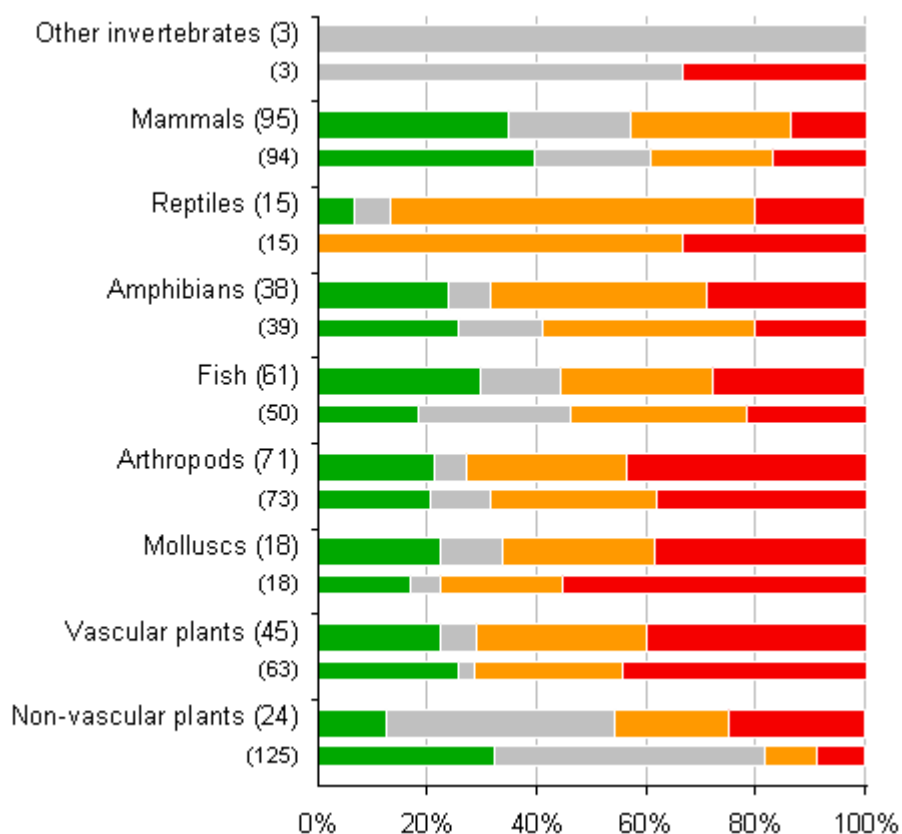
The figures show the proportion of assessments in each conservation status class for 2007-2012 (upper bar) and 2001-2006 (lower bar). The information (number of assessments) on which these figures are based are presented in the tables below each figure (real values).

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	14		1	13	8
	2013	13			10	12
Rocky habitats	2007	14				1
	2013	14				1
Bogs, mires & fens	2007	6		2	8	6
	2013	3		2	10	7
Grasslands	2007	4		1	17	8
	2013	2		1	15	12
Sclerophyllous scrubs	2007	2			1	
	2013	2			1	
Heath & scrub	2007	4			3	2
	2013	5			2	3
Freshwater habitats	2007	6		1	9	13
	2013	7			13	9
Dunes habitats	2007	8		1	9	6
	2013	4			13	6
Coastal habitats	2007	7		4	9	5
	2013	4		1	11	9

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. *According to Germany the German Data Analysis refer to formations and thus incorporate for example 2180 dune forests into forest group.

Species

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			2		1
	2013			3		
Mammals	2007	37		20	21	16
	2013	33		21	28	13
Reptiles	2007				10	5
	2013	1		1	10	3
Amphibians	2007	10		6	15	8
	2013	9		3	15	11
Fish	2007	9		14	16	11
	2013	18		9	17	17
Arthropods	2007	15		8	22	28
	2013	15		4	21	31
Molluscs	2007	3		1	4	10
	2013	4		2	5	7
Vascular plants	2007	16		2	17	28
	2013	10		3	14	18
Non-vascular plants	2007	40		62	12	11
	2013	3		10	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	19	29	31	32	27
Better knowledge/data	79	66	56	46	51
Use of different method	34	32	5	42	24

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

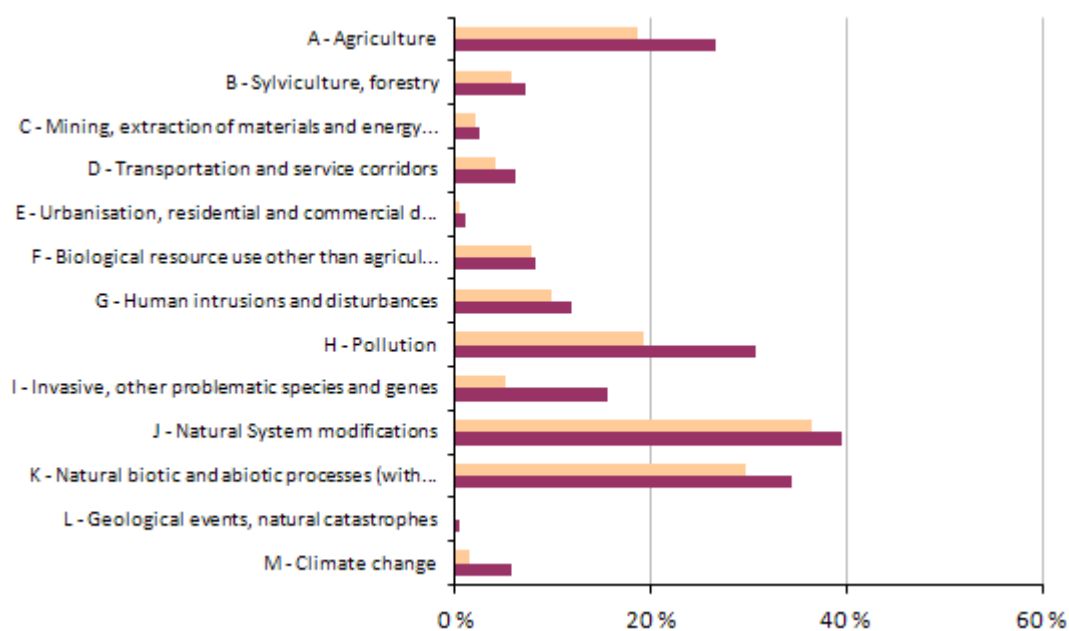
4 Frequency of main pressures and threats (%) ¹

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.

Remark from Germany: the majority of category 'J' is changes in hydrology closely linked to agriculture as well as succession under 'K' is in most cases linked to management/land use changes in agriculture.

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

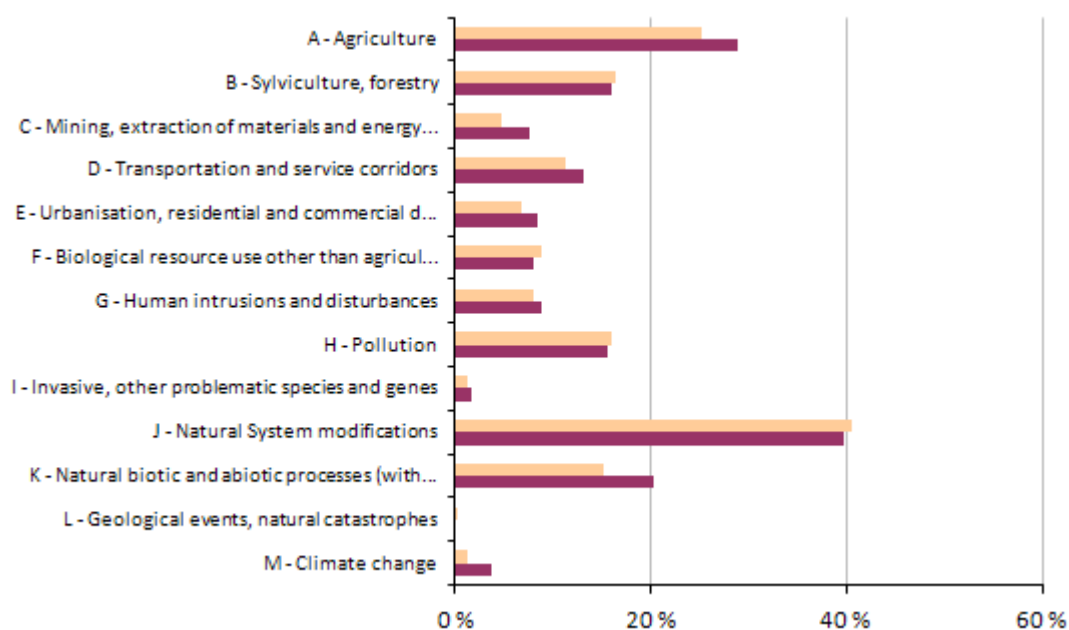
Note: Threats and pressures categories not reported are omitted.

Total number of assessments considered in the calculation: **192**

Number of assessments with no high ranking threats (or no threats at all reported): **50**

Number of assessment with no high ranking pressures (or no pressures at all): **67**

Pressures and threats	HABITATS	
	Number of threats	Number of pressures
A - Agriculture	51	36
B - Sylviculture, forestry	14	11
C - Mining, extraction of materials and energy production	5	4
D - Transportation and service corridors	12	8
E - Urbanisation, residential and commercial development	2	1
F - Biological resource use other than agriculture & forestry	16	15
G - Human intrusions and disturbances	23	19
H - Pollution	59	37
I - Invasive, other problematic species and genes	30	10
J - Natural System modifications	76	70
K - Natural biotic and abiotic processes (without catastrophes)	66	57
L - Geological events, natural catastrophes	1	
M - Climate change	11	3



% 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: **370**

Number of assessments with no high ranking threats (or no threats at all reported): **111**

Number of assessment with no high ranking pressures (or no pressures at all): **120**

Pressures and threats	SPECIES	
	Number of threats	Number of pressures
A - Agriculture	107	93
B - Sylviculture, forestry	59	61
C - Mining, extraction of materials and energy production	28	18
D - Transportation and service corridors	49	42
E - Urbanisation, residential and commercial development	31	25
F - Biological resource use other than agriculture & forestry	30	33
G - Human intrusions and disturbances	33	30
H - Pollution	58	59
I - Invasive, other problematic species and genes	6	5
J - Natural System modifications	147	150
K - Natural biotic and abiotic processes (without catastrophes)	75	56
L - Geological events, natural catastrophes		1
M - Climate change	14	5

5 Natura 2000 coverage and conservation measures ²

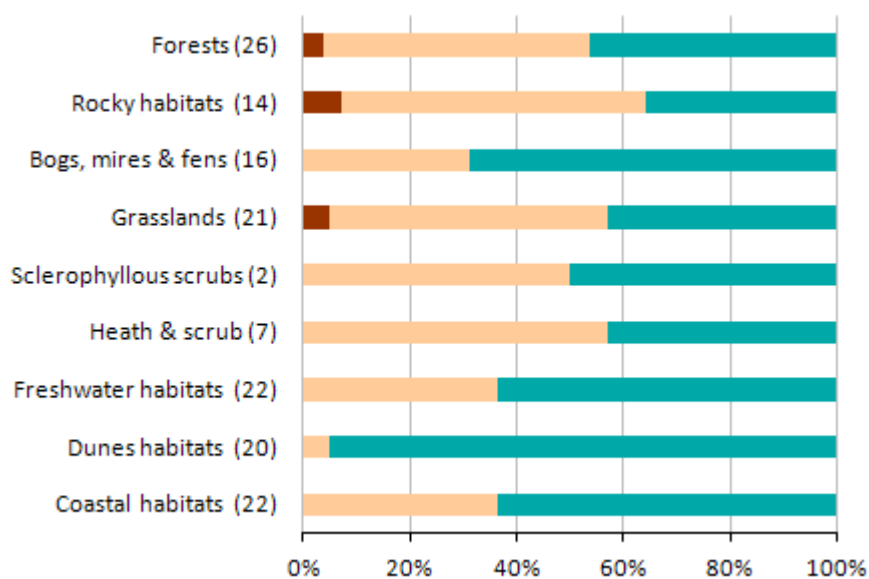
Note: The figures under section 5 cover only Annex I habitat types and Annex II species.

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.

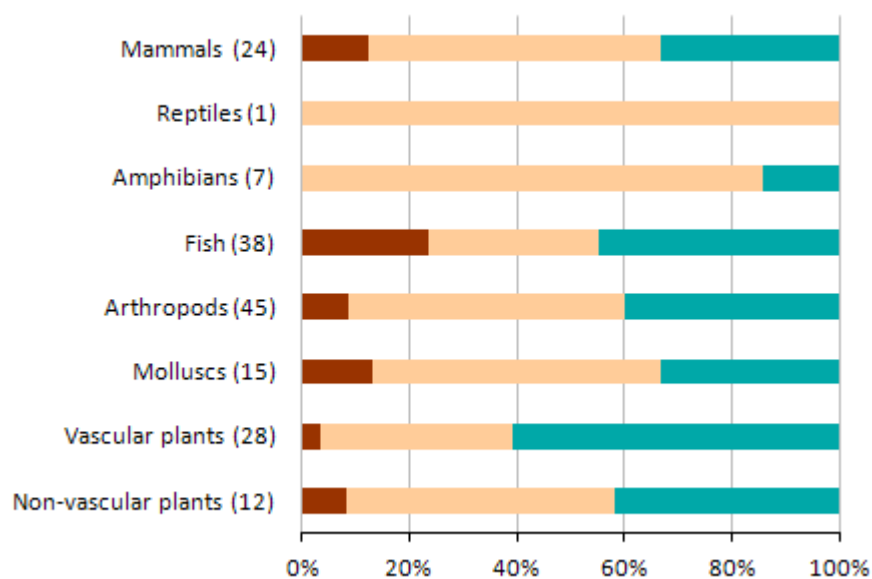


% of **habitat assessments** in 3 classes of coverage by Natura 2000 sites

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	1	13	12	9
Rocky habitats	1	8	5	1
Bogs, mires & fens		5	11	6
Grasslands	1	11	9	9
Sclerophyllous scrubs		1	1	1
Heath & scrub		4	3	3
Freshwater habitats		8	14	7
Dunes habitats		1	19	3
Coastal habitats		8	14	3



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

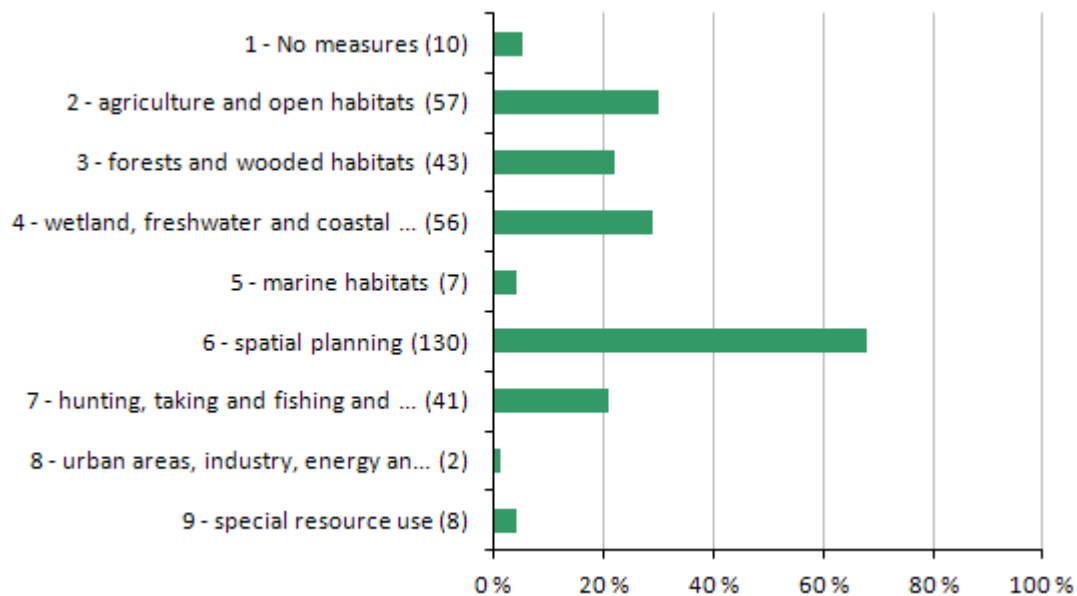
coverage by Natura 2000 sites : ■ 0-24% ■ 25-74% ■ 75-100%

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	3	13	8	8
Reptiles		1		
Amphibians		6	1	1
Fish	9	12	17	6
Arthropods	4	23	18	3
Molluscs	2	8	5	
Vascular plants	1	10	17	5
Non-vascular plants	1	6	5	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.

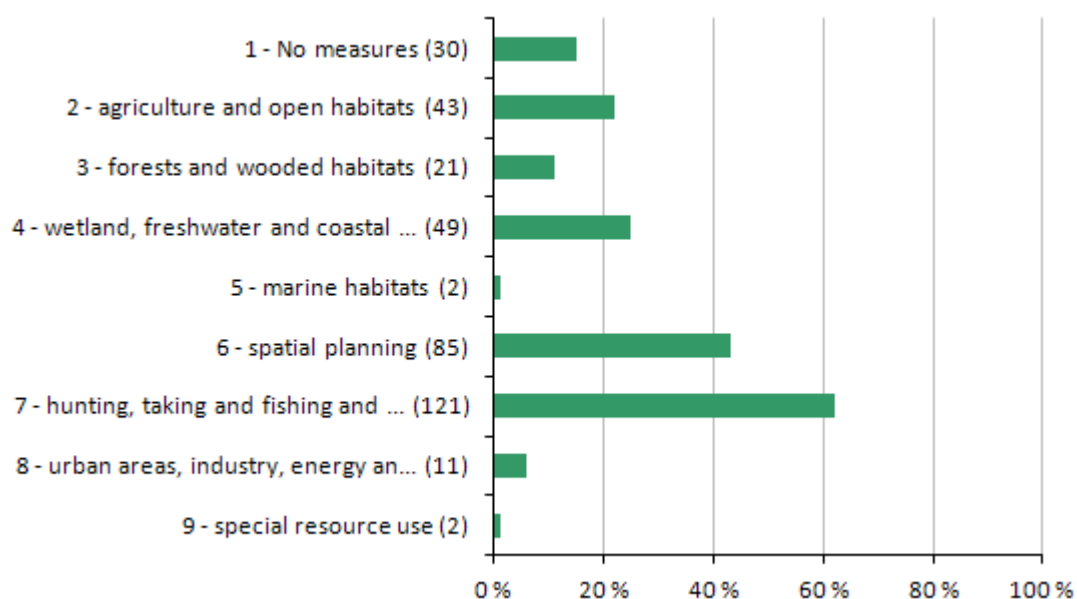


% of **habitat assessments** for which one or more 'high' importance measures were reported

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: **192**

Number of assessments with no high ranking conservation measures or no conservation measures at all reported: **36**



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

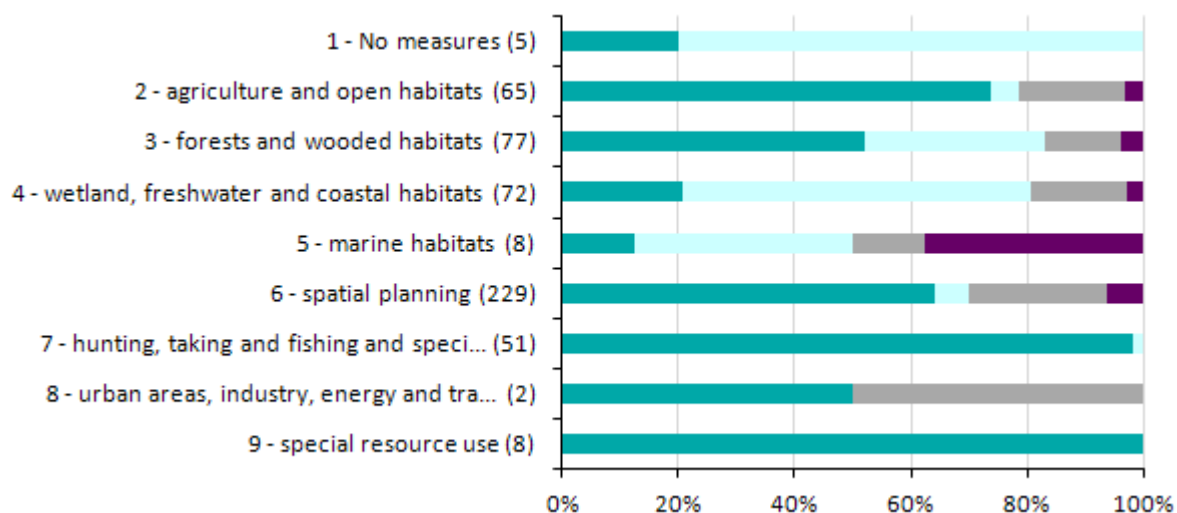
Note: Numbers in brackets correspond to the number of assessments where measure 1, 2, etc. is noted as being of high importance. Occasional and extinct species have been included in calculations.

Total number of assessments considered in the calculation: **196**

Number of assessments with no high ranking conservation measures or no conservation measures at all reported: **37**

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).

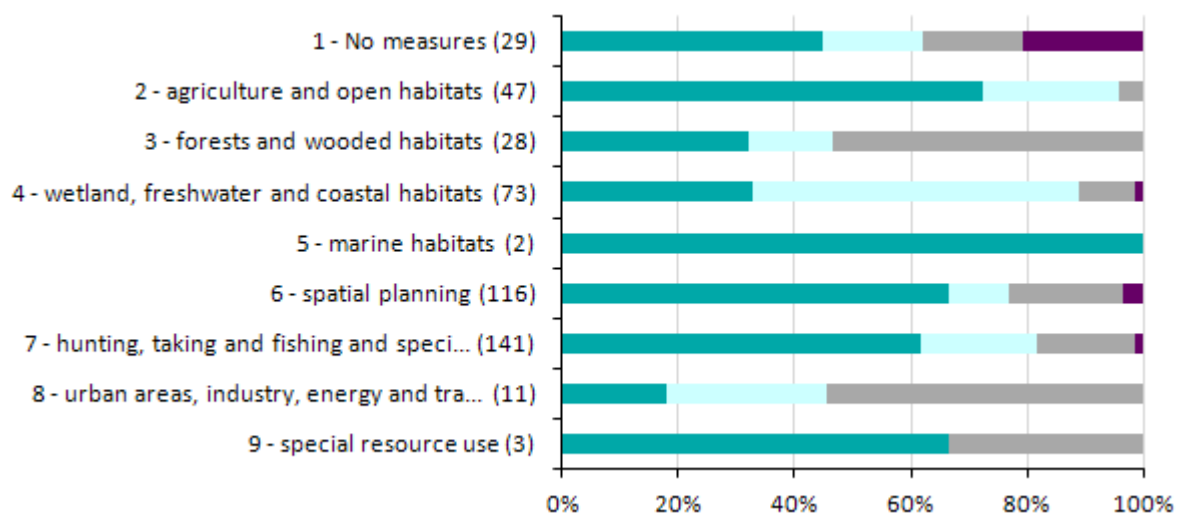


% of **habitat assessments** for which a particular effect of a measure was reported

■ 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
1 - No measures	1	4			
2 - Measures related to agriculture and open habitats	48	3	12		2
3 - Measures related to forests and wooded habitats	40	24	10		3
4 - Measures related to wetland, freshwater and coastal habitats	15	43	12		2
5 - Measures related to marine habitats	1	3	1		3
6 - Measures related to spatial planning	147	13	55		14
7 - Measures related to hunting, taking and fishing and species management	50	1			
8 - Measures related to urban areas, industry, energy and transport	1		1		
9 - Measures related to special resource use	8				



% 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	13	5	5		6
2 - Measures related to agriculture and open habitats	34	11	2		
3 - Measures related to forests and wooded habitats	9	4	15		
4 - Measures related to wetland, freshwater and coastal habitats	24	41	7		1
5 - Measures related to marine habitats	2				
6 - Measures related to spatial planning	77	12	23		4
7 - Measures related to hunting, taking and fishing and species management	87	28	24		2
8 - Measures related to urban areas, industry, energy and transport	2	3	6		
9 - Measures related to special resource use	2		1		

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	0.3
	Trend	0
	Area of suitable habitat*	35
	Conclusion	0
Future prospects	Conclusion	0
Pressures & threats		0.6
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	7
	Reference value	1
	Conclusion	5
Habitat area	Area	20
	Trend	10
	Reference value	4
	Conclusion	
Structure & functions	Conclusion	3
Future prospects	Conclusion	6
Pressures & threats		0
Natura 2000	Coverage	1
	Measures	2
Overall	Conclusion	2
	Trend	11
	Maps	0

Species

Species range	Area	6
	Trend	16
	Reference value	11
	Conclusion	14
Species population	Size	8
	Trend	25
	Reference value	17
	Conclusion	20
Habitat for species	Area	10
	Trend	20
	Area of suitable habitat*	1.1
	Conclusion	17
Future prospects	Conclusion	20
Pressures & threats		5
Natura 2000	Coverage	0
	Measures	6
Overall	Conclusion	15
	Trend	15
	Maps	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 (%)	2	2	18	44	26	26	20
Extrapolation (%)	71	65	47	25	57	63	55
Complete survey (%)	27	27	14	26	18	10	20
Absent data (%)	0	6	20	6	0	1	6

Species

	Map	Range	Population	Pop. trend	Habitat	N2000*	Average
Expert opinion (%)	9	9	41	19	44	46	28
Extrapolation (%)	68	66	35	48	31	31	47
Complete survey (%)	15	15	13	8	12	13	13
Absent data (%)	7	9	11	25	13	11	13

*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 Germany

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
Forests	Acidophilous Picea forests of the montane to alpine levels (Vaccinio-Piceetea)	9410	2013 2007	FV= FV nc		U1= U2 b1		
	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	FV= FV nc	U2= U1 c1	U2= U1 c1		
	Alpine <i>Larix decidua</i> and/or <i>Pinus cembra</i> forests	9420	2013 2007	FV= FV nc				
	Asperulo-Fagetum beech forests	9130	2013 2007	FV+ FV a	U1= U1 nc	FV= FV nc		
	Atlantic acidophilous beech forests with <i>Ilex</i> and sometimes also <i>Taxus</i> in the shrublayer (Quercion robri-Bog woodland)	9120	2013 2007		U1= XX c1			
	Central European lichen Scots pine forests	91D0	2013 2007	FV= FV nc	U2= U2 nc	U2= U1 c1		
	Galio-Carpinetum oak-hornbeam forests	91T0	2013 2007		U2- U2 a	U2- U2 a		
	Luzulo-Fagetum beech forests	9170	2013 2007		U2= U2 nc	U1- U1 a		
	Luzulo-Fagetum beech forests	9110	2013 2007	FV= FV nc	U1= U1 nc	FV= FV nc		
	Medio-European limestone beech forests of the Cephalanthero-Fagion	9150	2013 2007	FV= FV nc	U1= U2 c1	FV= FV nc		
	Medio-European subalpine beech woods with <i>Acer</i> and <i>Rumex arifolius</i>	9140	2013 2007	FV= FV nc		U1= FV c1		
	Old acidophilous oak woods with <i>Quercus robur</i> on sandy plains	9190	2013 2007		U2= U1 a	U2- U1 a		
	Pannonic woods with <i>Quercus petraea</i> and <i>Carpinus betulus</i>	91G0	2013 2007			U1x U2 d		

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
	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		U2= U2 nc	U2= U1 c1		
	Sarmatic steppe pine forest	91U0	2013 2007			U2- U1 a		
	Sub-Atlantic and medio-European oak or oak-hornbeam forests of the <i>Carpinus betuli</i>	9160	2013 2007		U1- U1 a	U1- U1 a		
	Tilio-Acerion forests of slopes, screes and ravines	9180	2013 2007	FV= FV nc		FV= FV nc		
Rocky habitats	Calcareous and calcshist screes of the montane to alpine levels (<i>Thlaspietea rotundifolii</i>)	8120	2013 2007	FV= FV nc				
	Calcareous rocky slopes with chasmophytic vegetation	8210	2013 2007	FV= FV nc		FV= FV nc		
	Caves not open to the public	8310	2013 2007	FV= FV nc		FV- FV a		
	Medio-European calcareous scree of hill and montane levels	8160	2013 2007	FV= FV nc		FV= FV nc		
	Medio-European upland siliceous screes	8150	2013 2007			FV= FV nc		
	Permanent glaciers	8340	2013 2007	U2- U2 a				
	Siliceous rock with pioneer vegetation of the <i>Sedo-Scleranthion</i> or of the <i>Sedo albi-Veronicion dillenii</i>	8230	2013 2007		FV= FV nc	FV- FV a		
	Siliceous rocky slopes with chasmophytic vegetation	8220	2013 2007	FV= FV nc		FV= FV nc		
	Siliceous scree of the montane to snow levels (<i>Androsacetalia alpinae</i> and <i>Galeopsietalia ladani</i>)	8110	2013 2007	FV= FV nc		FV= FV nc		
Bogs, mires & fens	Active raised bogs	7110	2013 2007	FV= FV nc	U2= U2 nc	U1= U1 nc		
	Alkaline fens	7230	2013 2007	U1= U1 nc	U2- U2 a	U1= U1 nc		
	Alpine pioneer formations of the <i>Caricion bicoloris-atrofuscae</i>	7240	2013 2007	XXx FV e				
	Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i>	7210	2013 2007	FV= FV nc	U2- U2 b1	U1= U1 nc		
	Degraded raised bogs still capable of natural regeneration	7120	2013 2007	U1= U1 nc	U2= U2 nc	U2= U2 nc		
	Depressions on peat substrates of the <i>Rhynchosporion</i>	7150	2013 2007	FV= FV nc	U1x U1 nc	U1= U1 nc		
	Petrifying springs with tufa formation (<i>Cratoneurion</i>)	7220	2013 2007	XXx XX nc	U2- FV c1	U1= XX c1		
	Transition mires and quaking bogs	7140	2013 2007	U1= FV b1	U1x U2 e	U2= U1 c1		
Grasslands	Alluvial meadows of river valleys of the <i>Cnidion dubii</i>	6440	2013 2007		U2x U2 nc	U2= U2 nc		
	Alpine and subalpine calcareous grasslands	6170	2013 2007	U1= U1 nc				
	Calaminarian grasslands of the <i>Violetalia calaminariae</i>	6130	2013 2007		U1x U1 nc	U1- U1 a		
	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	6430	2013 2007	FV= FV nc	U2- U1 e	XXx FV e		

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
	Lowland hay meadows (<i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i>)	6510	2013 2007	U2- U2	U2- U2	U2- U1		
				a	a	a		
	Molinia meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>)	6410	2013 2007	FV= XX	U2- U2	U2- U2		
				b1	a	a		
	Mountain hay meadows	6520	2013 2007	U1- U1		U2- U1		
				a		a		
	Rupicolous calcareous or basophilic grasslands of the <i>Alyso-Sedion albi</i>	6110	2013 2007		U2- FV	U1- U1		
					a	a		
	Semi-natural dry grasslands and scrubland facies on calcareous substrates (<i>Festuco-Brometalia</i>) (*)	6210	2013 2007	U1- U1	U1x U1	U1- U1		
				nc	nc	a		
	Siliceous alpine and boreal grasslands	6150	2013 2007	U1= U1		U1= FV		
				nc		b1		
	Species-rich <i>Nardus</i> grasslands, on silicious substrates in mountain areas (and submountain areas in	6230	2013 2007	U1- U1	U2- U2	U1- U1		
				a	a	a		
	Sub-Pannonic steppic grasslands	6240	2013 2007		U1+ U1	U1- U1		
					a	a		
	Xeric sand calcareous grasslands	6120	2013 2007		U2- U2	U1= U1		
					a	nc		
Sclerophyllous scrubs	<i>Juniperus communis</i> formations on heaths or calcareous grasslands	5130	2013 2007		FV= FV	U1= U1		
					nc	nc		
	Stable xerothermophilous formations with <i>Buxus sempervirens</i> on rock slopes (<i>Berberidion</i> p.p.)	5110	2013 2007			FV= FV		
						nc		
Heath & scrub	Alpine and Boreal heaths	4060	2013 2007	U1= U1		FV= FV		
				nc		nc		
	Bushes with <i>Pinus mugo</i> and <i>Rhododendron hirsutum</i> (<i>Mugo-Rhododendretum hirsuti</i>)	4070	2013 2007	FV= FV		U1= U1		
				nc		nc		
	European dry heaths	4030	2013 2007		FV- FV	U2= U2		
					nc	nc		
	Northern Atlantic wet heaths with <i>Erica tetralix</i>	4010	2013 2007		U2- U2	U2- U1		
					a	a		
	Sub-Arctic <i>Salix</i> spp. scrub	4080	2013 2007	FV= nc				
	Subcontinental peri-Pannonic scrub	40A0	2013 2007			FV= FV		
						nc		
Freshwater habitats	Alpine rivers and the herbaceous vegetation along their banks	3220	2013 2007	U1= U1		U2= U2		
				nc		nc		
	Alpine rivers and their ligneous vegetation with <i>Myricaria germanica</i>	3230	2013 2007	U2- U2		U2= U2		
				a		nc		
	Alpine rivers and their ligneous vegetation with <i>Salix elaeagnos</i>	3240	2013 2007	U1= U1		U1= U1		
				nc		nc		
	Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp.	3140	2013 2007	FV= FV	U1= U2	U1- U1		
				nc	c1	c1		
	Lakes of gypsum karst	3190	2013 2007	FV= FV		U1= U2		
				nc		c1		
	Natural dystrophic lakes and ponds	3160	2013 2007	FV= FV	U1= U1	U1= U2		
				nc	nc	b1		
	Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> — type vegetation	3150	2013 2007	FV= FV	U2x U2	U1= U1		
				nc	nc	nc		
	Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of the	3130	2013 2007	FV= U1	U2x U2	U1= U1		
				b1	nc	nc		

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
	Oligotrophic waters containing very few minerals of sandy plains (<i>Littorelletalia uniflorae</i>)	3110	2013 2007		U2= U2 nc	U1= U2 c1		
	Rivers with muddy banks with <i>Chenopodium rubri</i> p.p. and <i>Bidention</i> p.p. vegetation	3270	2013 2007		U2= U2 nc	U2= U2 nc		
	Turloughs	3180	2013 2007		U1- FV b1	FV= FV nc		
	Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitricho-Batrachion</i> vegetation	3260	2013 2007	FV= XX b1	U2+ U2 a	U1= U1 nc		
Dunes habitats	Atlantic decalcified fixed dunes (<i>Calluno-Ulicetea</i>)	2150	2013 2007		U2x U2 nc	U1x U2 d		
	Decalcified fixed dunes with <i>Empetrum nigrum</i>	2140	2013 2007		U1- FV a	U1x U1 nc		
	Dry sand heaths with <i>Calluna</i> and <i>Empetrum nigrum</i>	2320	2013 2007		U2- U2 a			
	Dry sand heaths with <i>Calluna</i> and <i>Genista</i>	2310	2013 2007		U2- U2 a	U1- U1 a		
	Dunes with <i>Hippophaë rhamnoides</i>	2160	2013 2007		FV= FV nc	U1- FV b1		
	Dunes with <i>Salix repens</i> ssp. <i>argentea</i> (<i>Salicion arenariae</i>)	2170	2013 2007		FV= FV nc	U1- XX a		
	Embryonic shifting dunes	2110	2013 2007		U1- FV b1	U1- U1 a		
	Fixed coastal dunes with herbaceous vegetation ('grey dunes')	2130	2013 2007		U1- FV a	U1- U1 a		
	Humid dune slacks	2190	2013 2007		U1- U1 a	U2- U1 c1		
	Inland dunes with open <i>Corynephorus</i> and <i>Agrostis</i> grasslands	2330	2013 2007		U2- U1 a	U2- U1 a		
	Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ('white dunes')	2120	2013 2007		FV= U1 b1	U1- FV a		
	Wooded dunes of the Atlantic, Continental and Boreal region	2180	2013 2007		FV= FV nc	U1x U2 c1		
Coastal habitats	Annual vegetation of drift lines	1210	2013 2007		U1- FV c1	U1= U1 nc		
	Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>)	1330	2013 2007		U1= U1 nc	U2- U1 a		
	Coastal lagoons	1150	2013 2007		U1x U2 e	U2= U2 nc		
	Estuaries	1130	2013 2007				U2= U2 nc	U2- U2 a
	Inland salt meadows	1340	2013 2007		U1- U2 b1	U1= U1 nc		
	Large shallow inlets and bays	1160	2013 2007				XXx XX nc	U2= U1 b1
	Mudflats and sandflats not covered by seawater at low tide	1140	2013 2007				FV= FV nc	U1- U1 a
	Perennial vegetation of stony banks	1220	2013 2007		U1- FV b1	U2= U1 b1		
	Reefs	1170	2013 2007				U2x U1 c1	U1x XX b1

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
	Salicornia and other annuals colonizing mud and sand	1310	2013 2007		FV= FV nc	U1= U1 nc		
	Sandbanks which are slightly covered by sea water all the time	1110	2013 2007				U2= XX b1	U1- XX b1
	Spartina swards (Spartinion maritimae)	1320	2013 2007		FV= FV nc			
	Vegetated sea cliffs of the Atlantic and Baltic Coasts	1230	2013 2007		FVx FV nc	U2- FV 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)

Group	Name	Code	Year	ATL	CON
Forests	Tilio-Acerion forests of slopes, screes and ravines	9180	2013 2007	MAR	
Dunes habitats	Dry sand heaths with Calluna and Empetrum nigrum	2320	2013 2007		MAR U2 nc

Species reported by Germany

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
Non-vascular plants	Buxbaumia viridis	1386	2013 2007	XXx XX nc		XXx XX nc		
	Cladonia spp. (subgenus Cladina)	1378	2013 2007	U1- XX nc	U2x FV nc	XXx U1 nc		
	Dichelyma capillaceum	1383	2013 2007		U2- U2 a			
	Dicranum viride	1381	2013 2007	XXx FV e		U1= U1 nc		
	Distichophyllum carinatum	1380	2013 2007	U2x U2 d				
	Hamatocaulis vernicosus	6216	2013 2007	XXx U1 e	U2- nc	U2- U2 a		
	Leucobryum glaucum	1400	2013 2007	FV= FV nc	XXx FV e	U1- U1 e		
	Mannia triandra	1379	2013 2007	XXx XX nc		U1- FV b1		
	Notothylias orbicularis	1396	2013 2007			U1+ U2 a		
	Orthotrichum rogeri	1387	2013 2007			FV+ XX a		
	Scapania carinthiaca	6166	2013 2007	XXx XX nc				
	Sphagnum spp.	1409	2013 2007	FV= XX nc	U2x XX nc	XXx XX nc		
	Tayloria rudolphiana	1399	2013 2007	XXx XX nc				

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
Vascular plants	Adenophora lilifolia	4068	2013 2007			U2= U2		
	Aldrovanda vesiculosa	1516	2013 2007			nc U2x U2		
	Angelica palustris	1617	2013 2007			d U2= U2		
	Apium repens	1614	2013 2007	U1= U1	U2= U2	U1= U2		
	Arnica montana	1762	2013 2007	nc FV= FV	nc U2- U2	b1 U1- U1		
	Asplenium adulterinum	4066	2013 2007		a	a U1= U1		
	Botrychium simplex	1419	2013 2007		U2x U2	nc		
	Bromus grossus	1882	2013 2007			U1x XX		
	Caldesia parnassifolia	1832	2013 2007			b1 U2- FV		
	Coleanthus subtilis	1887	2013 2007			a FV= FV		
	Cypripedium calceolus	1902	2013 2007	FV= FV	U2= U2	nc U1= U1		
	Galanthus nivalis	1866	2013 2007	nc	nc	nc FV= FV		
	Gentiana lutea	1657	2013 2007	FV= FV		nc FV= FV		
	Gentianella bohemica	4094	2013 2007			nc U2x U2		
	Gladiolus palustris	4096	2013 2007	XX= FV		nc U1= U1		
	Jurinea cyanoides	1805	2013 2007		FV+ U1	nc U1+ U2		
	Lindernia procumbens	1725	2013 2007			a U2= U2		
	Liparis loeselii	1903	2013 2007	U1- U1	U2- U2	nc U1= U1		
	Luronium natans	1831	2013 2007		a U2- U2	nc U2= U2		
	Lycopodium spp.	1413	2013 2007	U1- nc	XXx nc	nc XXx		
	Marsilea quadrifolia	1428	2013 2007			nc U2= U2		
	Myosotis rehsteineri	1670	2013 2007			nc U1= U2		
	Oenanthe conioides	1601	2013 2007		U2= U2	b1 nc		
	Pulsatilla patens	1477	2013 2007			FV= FV		
	Saxifraga hirculus	1528	2013 2007			nc U2x		
						nc		

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
	<i>Spiranthes aestivalis</i>	1900	2013 2007	U1- U1 a		U1- U1 a		
	<i>Stipa bavarica</i>	1881	2013 2007			FV= FV nc		
	<i>Thesium ebracteatum</i>	1437	2013 2007		U2= U1 c2	U2= U2 nc		
	<i>Trichomanes speciosum</i>	1421	2013 2007			FV= FV nc		
Molluscs	<i>Anisus vorticulus</i>	4056	2013 2007		U2x U2 d	U1= U2 b1		
	<i>Helix pomatia</i>	1026	2013 2007	FV= FV nc	FV= FV nc	FV= FV nc		
	<i>Margaritifera margaritifera</i>	1029	2013 2007		U2+ U2 a	U2- U2 a		
	<i>Theodoxus transversalis</i>	4064	2013 2007			U2- XX b1		
	<i>Unio crassus</i>	1032	2013 2007		U2- U2 a	U2- U2 a		
	<i>Vertigo angustior</i>	1014	2013 2007	U1= U1 nc	XXx U2 e	U1= U1 nc		
	<i>Vertigo genesii</i>	1015	2013 2007	XXx nc				
	<i>Vertigo geyeri</i>	1013	2013 2007	U1= U1 nc		U1= U2 b1		
	<i>Vertigo moulinsiana</i>	1016	2013 2007		U2= U2 nc	FV= U1 b1		
Arthropods	<i>Aeshna viridis</i>	1048	2013 2007		U2x U2 d	U1- U2 c1		
	<i>Anthrenochernes stellae</i>	1936	2013 2007			XXx XX nc		
	<i>Astacus astacus</i>	1091	2013 2007		U2- U2 a	U2- U1 a		
	<i>Austropotamobius pallipes</i>	1092	2013 2007			U1= FV c1		
	<i>Austropotamobius torrentium</i>	1093	2013 2007	U1x U1 nc		U2- U1 a		
	<i>Carabus (variolosus) nodulosus</i>	5377	2013 2007			lr U2= nc		
	<i>Carabus menetriesi pacholei</i>	1914	2013 2007			U2= U2 nc		
	<i>Cerambyx cerdo</i>	1088	2013 2007		U2= U2 nc	U2- U2 b1		
	<i>Coenagrion mercuriale</i>	1044	2013 2007	U1= U1 nc	U1x U1 d	U1- U1 a		
	<i>Coenagrion ornatum</i>	4045	2013 2007		U2x U2 d	U1- U1 a		
	<i>Coenonympha hero</i>	1070	2013 2007		U2x dis U2 nc	U2= U2 nc		
	<i>Coenonympha oedippus</i>	1071	2013 2007			U2= nc		

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
	<i>Cucujus cinnaberinus</i>	1086	2013 2007	FV= FV nc		FV= FV nc		
	<i>Dytiscus latissimus</i>	1081	2013 2007			U2x U2 nc		
	<i>Eriogaster catax</i>	1074	2013 2007			U2= U2 nc		
	<i>Euphydryas aurinia</i>	1065	2013 2007	FV= FV nc		U2- U2 a		
	<i>Euphydryas maturna</i>	6169	2013 2007			U2- U2 a		
	<i>Euplagia quadripunctaria</i>	6199	2013 2007	FV= U1 b1	FV= FV nc	FV= FV nc		
	<i>Gomphus flavipes</i>	6167	2013 2007		FV= FV nc	U1+ U1 a		
	<i>Gortyna borelii lunata</i>	4035	2013 2007			U1= XX b1		
	<i>Graphoderus bilineatus</i>	1082	2013 2007		U2+ FV c2	U2x U2 nc		
	<i>Leucorrhinia albifrons</i>	1038	2013 2007		XXx XX nc	U1= U2 b1		
	<i>Leucorrhinia caudalis</i>	1035	2013 2007			U1+ U2 a		
	<i>Leucorrhinia pectoralis</i>	1042	2013 2007		U1+ U2 b1	U1= U1 nc		
	<i>Limoniscus violaceus</i>	1079	2013 2007			U2x U2 nc		
	<i>Lopinga achine</i>	1067	2013 2007	FV= U1 b1		U2= U2 nc		
	<i>Lucanus cervus</i>	1083	2013 2007		U1- U1 a	FV= U1 b1		
	<i>Lycaena dispar</i>	1060	2013 2007			FV+ U1 a		
	<i>Lycaena helle</i>	4038	2013 2007	U2= U2 nc		U2- U1 a		
	<i>Maculinea arion</i>	1058	2013 2007	FV= FV nc		U2- U1 a		
	<i>Maculinea nausithous</i>	1061	2013 2007	U1- FV b1	U2= U2 nc	U1- U1 a		
	<i>Maculinea teleius</i>	1059	2013 2007	U1= U1 nc		U1- U1 a		
	<i>Ophiogomphus cecilia</i>	1037	2013 2007		U1+ U1 b1	FV= FV nc		
	<i>Osmoderma eremita</i>	1084	2013 2007		U2+ U2 b1	U1= U2 b1		
	<i>Oxygastra curtisii</i>	1041	2013 2007			U2- U1 a		
	<i>Parnassius apollo</i>	1057	2013 2007	FV= FV nc		U2= U2 nc		
	<i>Parnassius mnemosyne</i>	1056	2013 2007	FV= FV nc		U2x U2 nc		

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
	<i>Proserpinus proserpina</i>	1076	2013 2007		XXx XX d	XXx XX nc		
	<i>Rosalia alpina</i>	1087	2013 2007	U1- FV a		FV= FV nc		
	<i>Stephanopachys substriatus</i>	1927	2013 2007	U2x U2 d				
	<i>Sympecma paedisca</i>	6182	2013 2007		U2- U2 a	U2- U1 a		
Fish	<i>Acipenser oxyrinchus</i>	5042	2013 2007			U2x U2 nc		
	<i>Acipenser sturio</i>	1101	2013 2007		XXx nc	XXx nc		
	<i>Alburnus mento</i>	5289	2013 2007			FV= FV nc		
	<i>Alosa alosa</i>	1102	2013 2007		U2+ U2 a	U2x U2 nc		
	<i>Alosa fallax</i>	1103	2013 2007		U2= U1 b1	U2+ U2 a		
	<i>Aspius aspius</i>	1130	2013 2007		FV+ FV b1	U1+ U1 b1		
	<i>Barbus barbus</i>	5085	2013 2007	U1= XX b1	FV+ U1 a	FV= FV nc		
	<i>Cobitis taenia</i>	1149	2013 2007		U1= U1 nc	FV+ U1 a		
	<i>Coregonus albula</i>	2492	2013 2007			U1= XX b1		
	<i>Coregonus arenicolus</i>	5050	2013 2007			FVx nc		
	<i>Coregonus bavaricus</i>	5054	2013 2007			XXx nc		
	<i>Coregonus fontanae</i>	5060	2013 2007			XXx XX nc		
	<i>Coregonus holsatus</i>	5273	2013 2007			U2x nc		
	<i>Coregonus lavaretus</i> Complex	6353	2013 2007	FV= FV		XXx FV b2		
	<i>Coregonus lucinensis</i>	5066	2013 2007			U2= U2 nc		
	<i>Coregonus macrophthalmus</i>	5067	2013 2007			FVx nc		
	<i>Coregonus maraena</i>	5068	2013 2007			XXx U1 e		
	<i>Coregonus oxyrinchus</i>	1113	2013 2007		U2x nc			
	<i>Coregonus wartmanni</i>	5083	2013 2007			FVx nc		
	<i>Cottus gobio</i>	1163	2013 2007	FV= FV nc	FV+ FV b1	FV= FV nc		
	<i>Eudontomyzon vladykovi</i>	2485	2013 2007			U1+		

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
	Gymnocephalus baloni	2555	2013 2007			U1+ XX b1		
	Gymnocephalus schraetzer	1157	2013 2007			U1+ XX b1		
	Hucho hucho	1105	2013 2007	U2= XX b1		U2= U1 c2		
	Lampetra fluviatilis	1099	2013 2007		U1+ U1 a	U2x U2 nc		
	Lampetra planeri	1096	2013 2007		FV= U1 b1	FV= U1 b1		
	Misgurnus fossilis	1145	2013 2007		U1= U1 nc	U1= U1 nc		
	Pelecus cultratus	2522	2013 2007			XXx XX nc		
	Petromyzon marinus	1095	2013 2007		U1x U2 d	U2x XX e		
	Rhodeus amarus	5339	2013 2007	XXx XX nc	FV+ U1 a	FV+ U1 a		
	Romanogobio belingi	5328	2013 2007			FV= b2		
	Romanogobio uranoscopus	6145	2013 2007			U2= nc		
	Romanogobio vladykovi	5329	2013 2007			FV= b2		
	Rutilus meidingeri	6146	2013 2007			U1+ XX b1		
	Rutilus virgo	5345	2013 2007			U1= XX b1		
	Sabanejewia baltica	5348	2013 2007			XXx nc		
	Salmo salar	1106	2013 2007		U2+ U2 a	U2+ U2 a		
	Telestes souffia	6147	2013 2007			U1- FV b1		
	Thymallus thymallus	1109	2013 2007	U2+ U2 b1	U2- U1 a	U1- U1 a		
	Zingel streber	1160	2013 2007			U1= XX b1		
	Zingel zingel	1159	2013 2007			U1+ XX b1		
Amphibians	Alytes obstetricans	1191	2013 2007		U2- U1 a	U2- U1 a		
	Bombina bombina	1188	2013 2007		U2- U2 a	U2- U2 a		
	Bombina variegata	1193	2013 2007	U1- FV a	U2- U2 a	U2- U2 a		
	Bufo calamita	1202	2013 2007		U1- U1 a	U1= U2 b1		
	Bufo viridis	1201	2013 2007	U2= U2 nc	U2- U1 a	U2- U2 a		

Group	Name	Code	Year	ALP	ATL	CON	MATL	MBAL
	<i>Hyla arborea</i>	1203	2013 2007	U1- U1	U1- U1	U1- U1		
	<i>Pelobates fuscus</i>	1197	2013 2007	a	a U2- U1	a U1- U1		
	<i>Rana arvalis</i>	1214	2013 2007		a U1- U1	a U1- U1		
	<i>Rana dalmatina</i>	1209	2013 2007	U1x XX	FV+ FV	FV= FV		
	<i>Rana esculenta</i>	1210	2013 2007	b1	a	nc		
	<i>Rana lessonae</i>	1207	2013 2007	FV= FV	FV= FV	FV= FV		
	<i>Rana lessonae</i>	1207	2013 2007	nc XXx XX	nc XXx XX	nc XXx XX		
	<i>Rana lessonae</i>	1207	2013 2007	nc	nc	nc		
	<i>Rana ridibunda</i>	1212	2013 2007		U1- U1	FV= U1		
	<i>Rana temporaria</i>	1213	2013 2007	FV= FV	U1- FV	FV- FV		
	<i>Rana temporaria</i>	1213	2013 2007	nc	a	a		
	<i>Salamandra atra</i>	1177	2013 2007	FV= FV		U1= XX		
	<i>Salamandra atra</i>	1177	2013 2007	nc		b1		
	<i>Triturus cristatus</i>	1166	2013 2007	U2- U2	U1- U1	U1= U1		
	<i>Triturus cristatus</i>	1166	2013 2007	a	c1	nc		
Reptiles	<i>Coronella austriaca</i>	1283	2013 2007	U1- U1	U1- U1	U1= U1		
	<i>Coronella austriaca</i>	1283	2013 2007	b1	e	nc		
	<i>Emys orbicularis</i>	1220	2013 2007			U2= U2		
	<i>Emys orbicularis</i>	1220	2013 2007			nc		
	<i>Lacerta agilis</i>	1261	2013 2007	U1- U1	U1- U1	U1= U1		
	<i>Lacerta agilis</i>	1261	2013 2007	a	a	nc		
	<i>Lacerta bilineata</i>	5179	2013 2007			U1= U2		
	<i>Lacerta bilineata</i>	5179	2013 2007			a		
	<i>Lacerta viridis</i>	1263	2013 2007			U2- U2		
	<i>Lacerta viridis</i>	1263	2013 2007			a		
	<i>Natrix tessellata</i>	1292	2013 2007			U1= U2		
	<i>Natrix tessellata</i>	1292	2013 2007			c2		
	<i>Podarcis muralis</i>	1256	2013 2007	U2- U1	U1= U1	FV+ U1		
	<i>Podarcis muralis</i>	1256	2013 2007	a	nc	a		
	<i>Zamenis longissimus</i>	6091	2013 2007	XXx U1		U1 U2		
	<i>Zamenis longissimus</i>	6091	2013 2007	nc		a		
Mammals	<i>Barbastella barbastellus</i>	1308	2013 2007	FV= XX	U2= U2	U1= U1		
	<i>Barbastella barbastellus</i>	1308	2013 2007	b1	nc	nc		
	<i>Canis lupus</i>	1352	2013 2007		U2+	U2+ U2		
	<i>Canis lupus</i>	1352	2013 2007		nc	a		
	<i>Capra ibex</i>	1375	2013 2007	FV= FV				
	<i>Capra ibex</i>	1375	2013 2007	nc				
	<i>Castor fiber</i>	1337	2013 2007	FV= FV	FV+ U1	FV+ U1		
	<i>Castor fiber</i>	1337	2013 2007	nc	a	a		
	<i>Cricetus cricetus</i>	1339	2013 2007		U2- U2	U2- U2		
	<i>Cricetus cricetus</i>	1339	2013 2007		a	a		
	<i>Dryomys nitedula</i>	1342	2013 2007	XXx XX				
	<i>Dryomys nitedula</i>	1342	2013 2007	nc				
	<i>Eptesicus nilssonii</i>	1313	2013 2007	FV= FV	XXx XX	U1x U1		
	<i>Eptesicus nilssonii</i>	1313	2013 2007	nc	nc	nc		

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	<i>Eptesicus serotinus</i>	1327	2013 2007	XXx XX nc	U1- U1 a	U1- FV a		
	<i>Felis silvestris</i>	1363	2013 2007		U2+ U2 a	U1+ U2 a		
	<i>Halichoerus grypus</i>	1364	2013 2007				FV+ U1 a	U1+ U2 c1
	<i>Lepus timidus</i>	1334	2013 2007	FV= FV nc				
	<i>Lutra lutra</i>	1355	2013 2007	XX+ XX d	U1+ U1 a	U1+ U1 a		
	<i>Lynx lynx</i>	1361	2013 2007			U2x U2 nc		
	<i>Martes martes</i>	1357	2013 2007	FV= FV nc	FV= FV nc	FV= FV nc		
	<i>Muscardinus avellanarius</i>	1341	2013 2007	XXx XX nc	XXx XX nc	U1= XX b1		
	<i>Mustela putorius</i>	1358	2013 2007	FV= FV nc	U1- FV e	U1x FV d		
	<i>Myotis alcathoe</i>	5003	2013 2007		XXx nc	XXx XX nc		
	<i>Myotis bechsteinii</i>	1323	2013 2007	XXx U2 e	U2+ U2 b1	U1- U1 a		
	<i>Myotis brandtii</i>	1320	2013 2007	XXx XX nc	U1= U1 nc	U1x U1 nc		
	<i>Myotis dasycneme</i>	1318	2013 2007		U1x FV b1	U1= U1 nc		
	<i>Myotis daubentonii</i>	1314	2013 2007	FV= FV nc	FV= FV nc	FV= FV nc		
	<i>Myotis emarginatus</i>	1321	2013 2007	XXx XX nc	U2= U2 nc	U1- FV b1		
	<i>Myotis myotis</i>	1324	2013 2007	FV= FV nc	U1+ U1 a	FV= FV nc		
	<i>Myotis mystacinus</i>	1330	2013 2007	FV= FV nc	U1+ U1 c1	FV= U1 c1		
	<i>Myotis nattereri</i>	1322	2013 2007	FV= FV nc	FV= FV nc	FV= FV nc		
	<i>Nyctalus leisleri</i>	1331	2013 2007	XXx XX nc	U1x U1 d	U1- U1 a		
	<i>Nyctalus noctula</i>	1312	2013 2007	XXx XX nc	FV= FV nc	U1- U1 a		
	<i>Phoca vitulina</i>	1365	2013 2007				FV= FV nc	U1+ U2 b1
	<i>Phocoena phocoena</i>	1351	2013 2007				U1= U1 nc	U2= U2 nc
	<i>Pipistrellus kuhlii</i>	2016	2013 2007			FV+ FV a		
	<i>Pipistrellus nathusii</i>	1317	2013 2007	XXx FV e	FV= FV nc	U1= FV a		
	<i>Pipistrellus pipistrellus</i>	1309	2013 2007	FV= FV nc	FV= FV nc	FV= FV nc		

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	Pipistrellus pygmaeus	5009	2013 2007	XXx XX nc	XXx XX nc	U1= XX b1		
	Plecotus auritus	1326	2013 2007	FV= FV nc	FV= FV nc	FV= FV nc		
	Plecotus austriacus	1329	2013 2007		U1= U1 nc	U1= U1 a		
	Rhinolophus ferrumequinum	1304	2013 2007			U2+ U2 a		
	Rhinolophus hipposideros	1303	2013 2007	U2+ U2 b1		U2+ U2 b1		
	Rupicapra rupicapra	1369	2013 2007	FV= FV nc				
	Sicista betulina	1343	2013 2007	XXx XX nc		XXx XX nc		
	Vespertilio murinus	1332	2013 2007	XXx FV e	XXx XX nc	XXx XX nc		
Other invertebrates	Hirudo medicinalis	1034	2013 2007	XXx XX nc	XXx U2 e	XXx XX 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	ATL	CON	MATL
Non-vascular plants	Orthotrichum rogeri	1387	2013 2007		OCC U2x nc		
Vascular plants	Najas flexilis	1833	2013 2007			PEX	
Molluscs	Unio crassus	1032	2013 2007	PEX U2			
	Vertigo genesii	1015	2013 2007			PEX	
Arthropods	Dytiscus latissimus	1081	2013 2007		PEX		
	Euphydryas aurinia	1065	2013 2007		PEX		
	Euphydryas maturna	6169	2013 2007	PEX	PEX		
	Leucorrhinia albifrons	1038	2013 2007	MAR XX			
	Leucorrhinia caudalis	1035	2013 2007		OCC XXx nc		
	Lycaena dispar	1060	2013 2007		PEX dis U2		
	Maculinea arion	1058	2013 2007		PEX XX		
	Maculinea teleius	1059	2013 2007		PEX		

Group	Name	Code	Year	ALP	ATL	CON	MATL
	Stephanopachys substriatus	1927	2013 2007			PEX XX nc	
	Sympecma paedisca	6182	2013 2007	MAR XX			
Fish	Acipenser gueldenstaedtii	5040	2013 2007			PEX	
	Coregonus oxyrhynchus	1113	2013 2007			MAR	
Mammals	Balaenoptera acutorostrata	2618	2013 2007				OCC XXx nc
	Lagenorhynchus albirostris	2032	2013 2007				OCC XXx nc
	Mustela lutreola	1356	2013 2007		PEX	PEX	
	Rupicapra rupicapra	1369	2013 2007			MAR FV nc	
	Tursiops truncatus	1349	2013 2007				PEX