

## National Summary for Article 17 - Portugal

### 1 General information

#### 1.1 Number of SCIs and SACs

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

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

	All		Terrestrial	Marine	
	No.	Area (km <sup>2</sup> )	Area (km <sup>2</sup> )	No.	Area (km <sup>2</sup> )
SCIs & SACs	97	16844.31	16130.33	24	713.98
SACs only	34	814	729	17	85

Date of database used: 14-12-2012

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

Number of sites for which comprehensive management plans have been adopted: **14**

Percentage of network area covered by comprehensive management plans: **3%**

Number of sites for which management plans are under preparation (optional): **not reported**

### 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 Portugal. 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	78	21	177	31	257	79	45	38
	<b>99</b>		<b>208</b>		<b>257</b>		<b>44</b>	
Atlantic	30	7	41	4	58	28	20	16
Macaronesian	19	8	62	15	89	16	4	4
Mediterranean	64	17	113	16	145	43	40	34
Marine Atlantic	6		2		10	8	1	1
Marine Macaronesian	5		1	2	23	20	1	1

#### Additional information:

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

Number of assessments of marginal & occasional species: **38**

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

Number of species regionally extinct prior the Habitats Directive came into force: **10**

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

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: **1**

### 3. Information on Conservation status

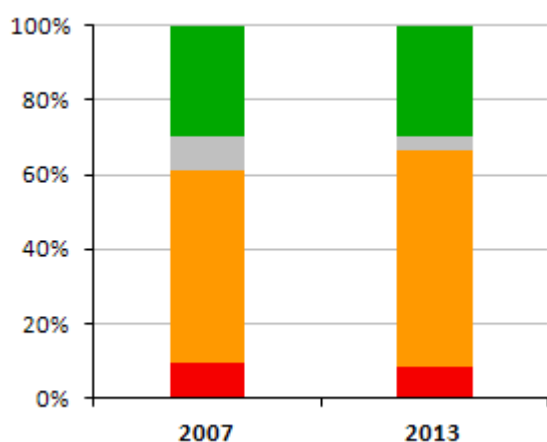
Please note that the figures shown for 2001-2006 and 2007-2012 are not necessarily directly comparable because there can be differences in number of assessments between the reporting rounds, changes in how some features were allocated in biogeographical regions etc.

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

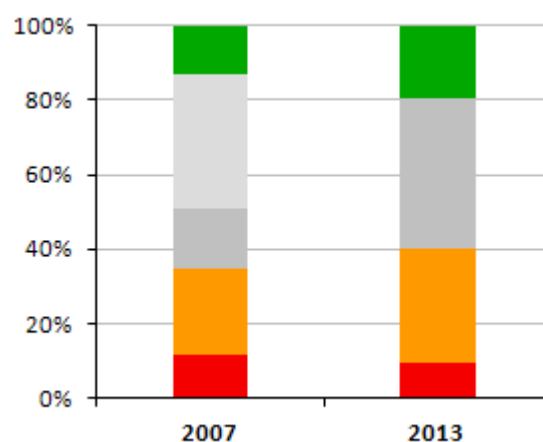
- Habitats reported as marginal (MAR) or with scientific reserve (SR)
- Species reported as marginal (MAR), occasional (OCC), newly arriving (ARR), regionally extinct before the Habitats Directive came into force (PEX) and introduced species (INT). In addition reports that give only an information about 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	47		14	82	15	55	155	70	99	50
<b>2013</b>	<b>46</b>		<b>6</b>	<b>91</b>	<b>13</b>	<b>83</b>		<b>171</b>	<b>131</b>	<b>41</b>

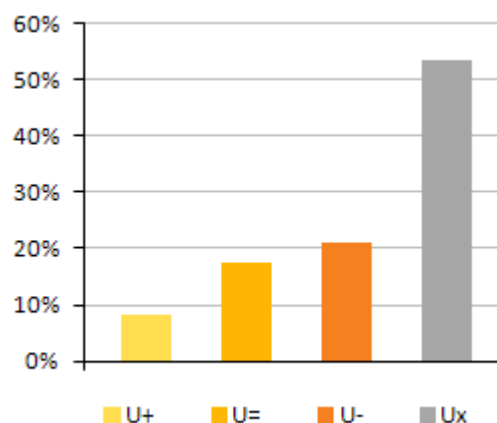
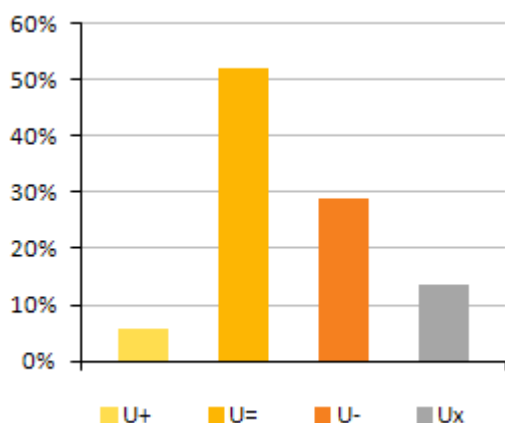
### 3.1 b) Percentage of assessments where the conservation status has changed between the reporting periods

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	46%	19%
% of total changes considered genuine	4%	4%

### 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).

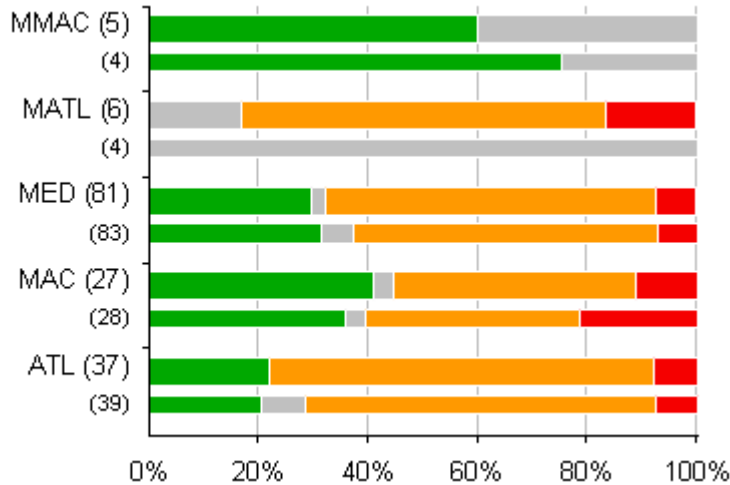
Qualifiers of CS	U1+	U1=	U1-	U1x	U2+	U2=	U2-	U2x
Habitats	6	44	27	14		10	3	
Species	13	22	16	80	1	8	20	12

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

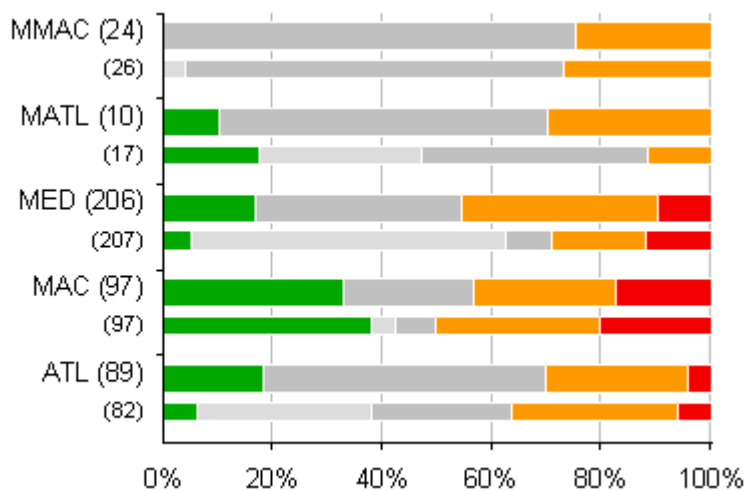
### 3.3 Overall assessment of conservation status of habitats and species by biogeographical/marine region (%)

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

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



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



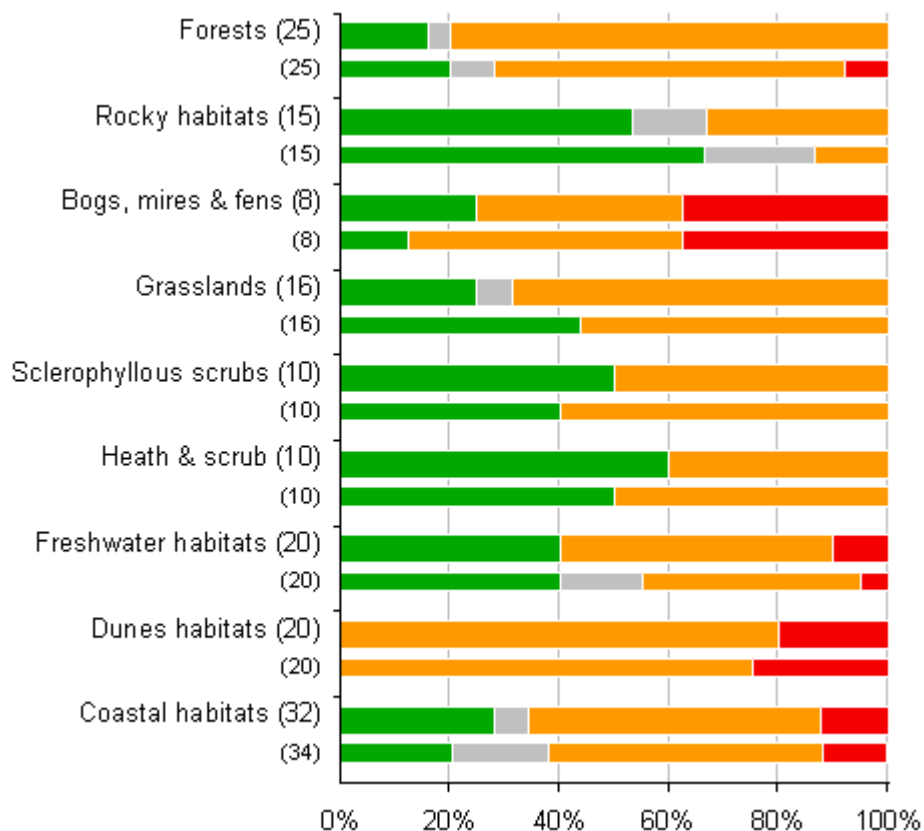
Conservation status of **species** in biogeographical and marine regions

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

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

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

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

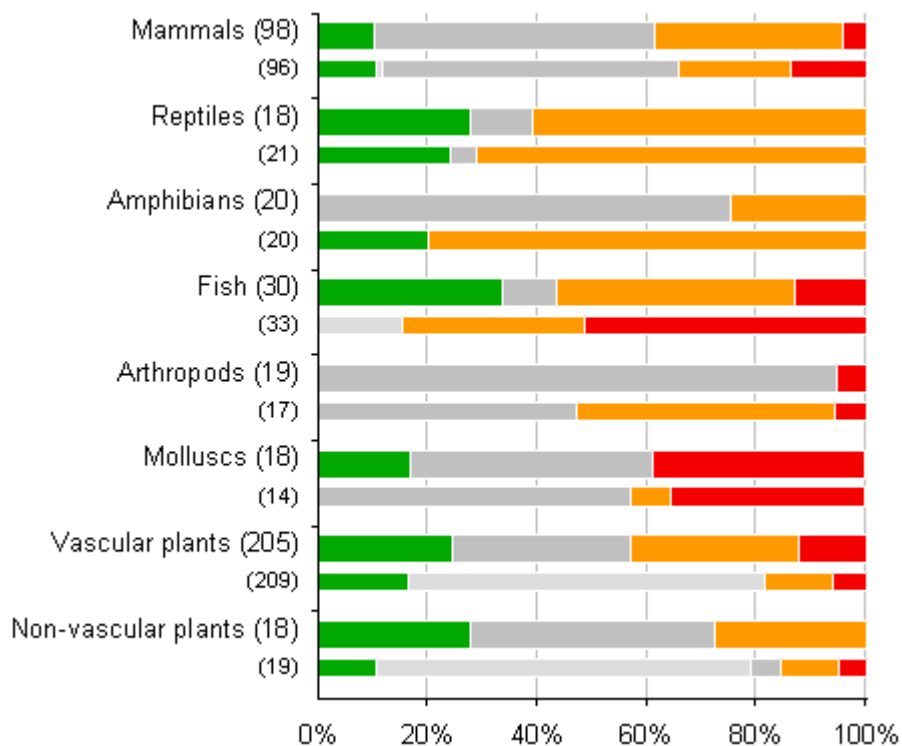
**Habitats**Conservation status of **habitats** in biogeographical and marine regions

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

Group	Year of assessment	HABITATS				
		FV	NA	XX	U1	U2
Forests	2007	5		2	16	2
	<b>2013</b>	<b>4</b>		<b>1</b>	<b>20</b>	
Rocky habitats	2007	10		3	2	
	<b>2013</b>	<b>8</b>		<b>2</b>	<b>5</b>	
Bogs, mires & fens	2007	1			4	3
	<b>2013</b>	<b>2</b>			<b>3</b>	<b>3</b>
Grasslands	2007	7			9	
	<b>2013</b>	<b>4</b>		<b>1</b>	<b>11</b>	
Sclerophyllous scrubs	2007	4			6	
	<b>2013</b>	<b>5</b>			<b>5</b>	
Heath & scrub	2007	5			5	
	<b>2013</b>	<b>6</b>			<b>4</b>	
Freshwater habitats	2007	8		3	8	1
	<b>2013</b>	<b>8</b>			<b>10</b>	<b>2</b>
Dunes habitats	2007				15	5
	<b>2013</b>				<b>16</b>	<b>4</b>
Coastal habitats	2007	7		6	17	4
	<b>2013</b>	<b>9</b>		<b>2</b>	<b>17</b>	<b>4</b>

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



**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
Mammals	2007	10	1	52	20	13
	<b>2013</b>	<b>10</b>		<b>50</b>	<b>34</b>	<b>4</b>
Reptiles	2007	5		1	15	
	<b>2013</b>	<b>5</b>		<b>2</b>	<b>11</b>	
Amphibians	2007	4			16	
	<b>2013</b>			<b>15</b>	<b>5</b>	
Fish	2007		5		11	17
	<b>2013</b>	<b>10</b>		<b>3</b>	<b>13</b>	<b>4</b>
Arthropods	2007			8	8	1
	<b>2013</b>			<b>18</b>		<b>1</b>
Molluscs	2007			8	1	5
	<b>2013</b>	<b>3</b>		<b>8</b>		<b>7</b>
Vascular plants	2007	34	136		26	13
	<b>2013</b>	<b>50</b>		<b>67</b>	<b>63</b>	<b>25</b>
Non-vascular plants	2007	2	13	1	2	1
	<b>2013</b>	<b>5</b>		<b>8</b>	<b>5</b>	

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

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

Reason for change	Habitats		Species/subspecies		
	Surface area of range	Surface area of habitat	Surface area of range	Population size	Area of habitat for the species
Genuine change	2	4	3	6	5
Better knowledge/data	6	9	32	17	14
Use of different method	96	12	84	10	13

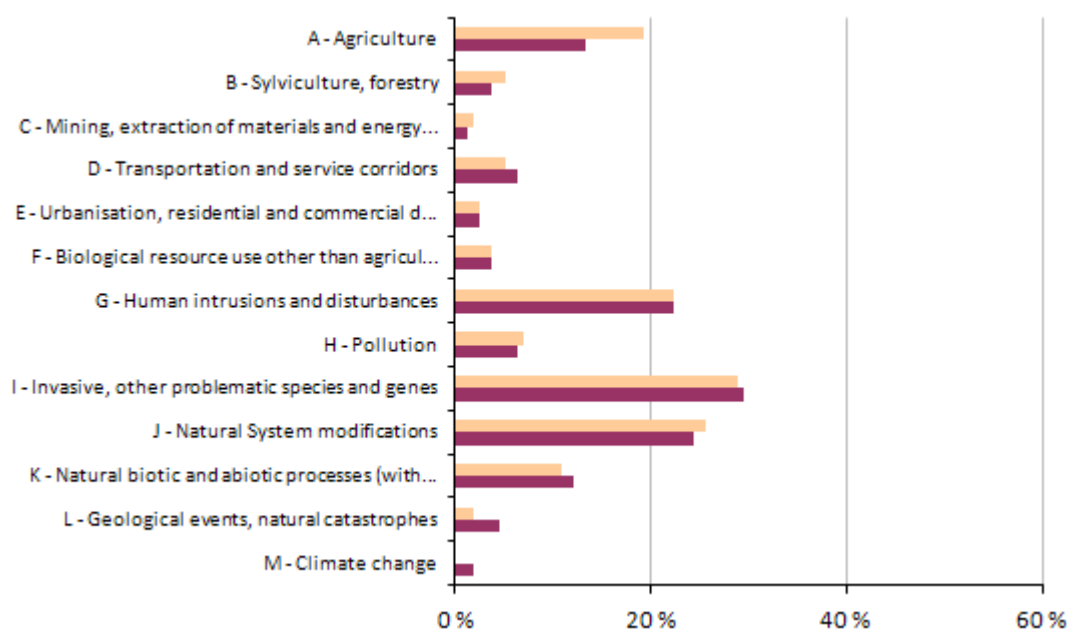
**Note:** More than one reason for change can be reported for each habitat and species.

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

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

<sup>1</sup> The following have been excluded:

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



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

■ pressure ■ threat

**Note:** Threats and pressures categories not reported are omitted.

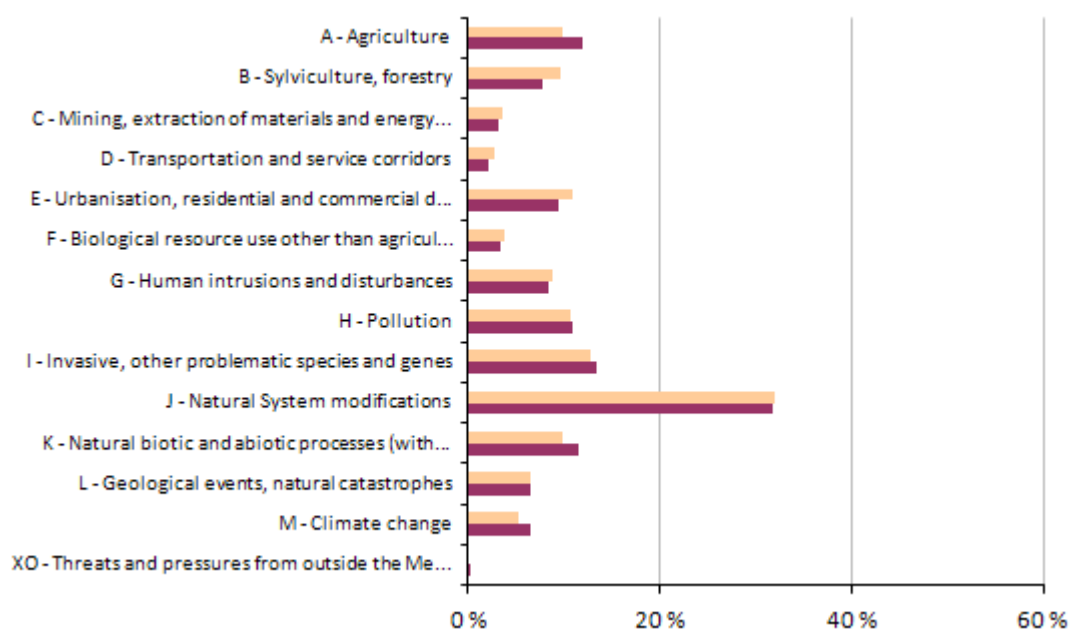
Total number of assessments considered in the calculation: **156**

Number of assessments with no high ranking threats (or no threats at all reported): **45**

Number of assessment with no high ranking pressures (or no pressures at all): **48**

Pressures and threats	HABITATS	
	Number of threats	Number of pressures
A - Agriculture	21	30
B - Sylviculture, forestry	6	8
C - Mining, extraction of materials and energy production	2	3
D - Transportation and service corridors	10	8
E - Urbanisation, residential and commercial development	4	4
F - Biological resource use other than agriculture & forestry	6	6
G - Human intrusions and disturbances	35	35
H - Pollution	10	11
I - Invasive, other problematic species and genes	46	45
J - Natural System modifications	38	40
K - Natural biotic and abiotic processes (without catastrophes)	19	17
L - Geological events, natural catastrophes	7	3
M - Climate change	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: **426**

Number of assessments with no high ranking threats (or no threats at all reported): **181**

Number of assessment with no high ranking pressures (or no pressures at all): **181**

Pressures and threats	SPECIES	
	Number of threats	Number of pressures
A - Agriculture	51	42
B - Sylviculture, forestry	33	41
C - Mining, extraction of materials and energy production	13	15
D - Transportation and service corridors	9	12
E - Urbanisation, residential and commercial development	40	46
F - Biological resource use other than agriculture & forestry	14	16
G - Human intrusions and disturbances	36	37
H - Pollution	46	45
I - Invasive, other problematic species and genes	57	54
J - Natural System modifications	135	136
K - Natural biotic and abiotic processes (without catastrophes)	49	42
L - Geological events, natural catastrophes	28	28
M - Climate change	28	22
XO - Threats and pressures from outside the Member State	1	

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

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

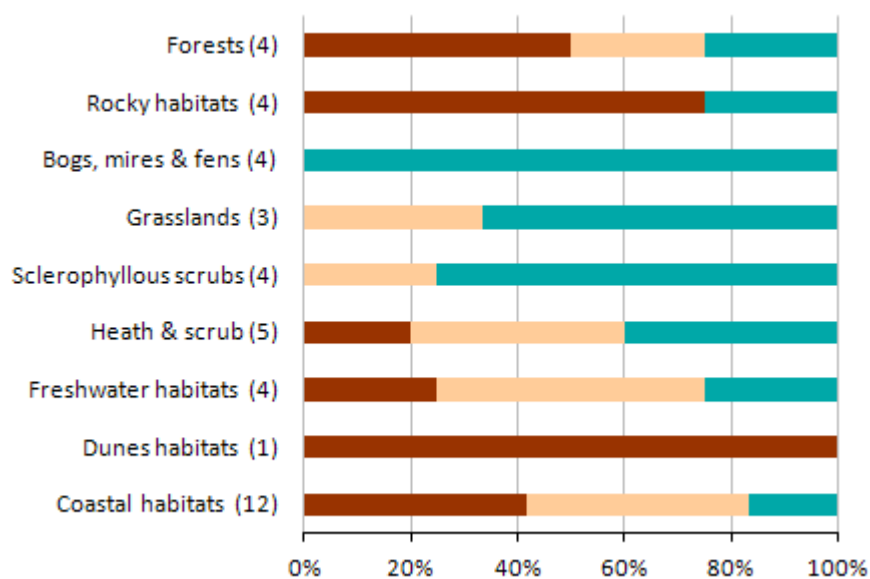
### 5.1 Natura 2000 coverage (%)

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

---

<sup>2</sup> The following have been excluded:

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

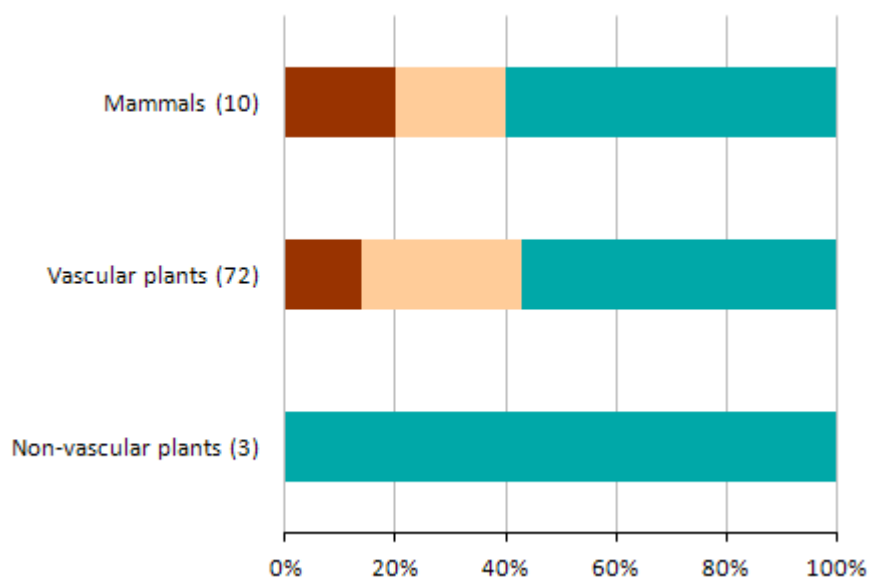


% of **habitat assessments** in 3 classes of coverage by Natura 2000 sites

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

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

Group	HABITATS			
	0-24%	25-74%	75-100%	unknown
Forests	2	1	1	21
Rocky habitats	3		1	11
Bogs, mires & fens			4	4
Grasslands		1	2	13
Sclerophyllous scrubs		1	3	6
Heath & scrub	1	2	2	5
Freshwater habitats	1	2	1	16
Dunes habitats	1			19
Coastal habitats	5	5	2	20



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

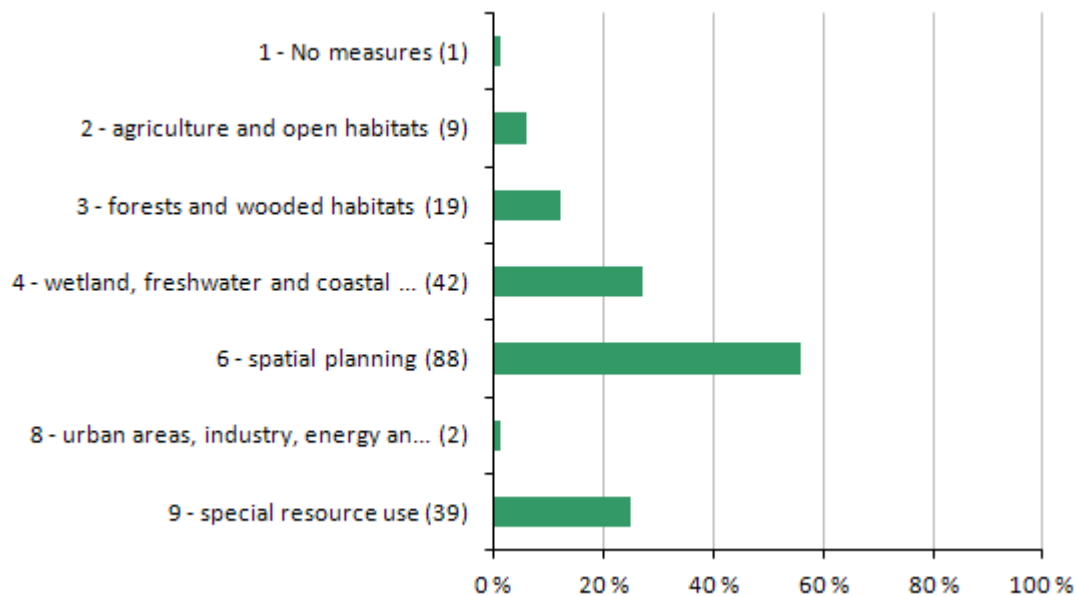
coverage by Natura 2000 sites : ■ 0-24% ■ 25-74% ■ 75-100%

**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	2	2	6	19
Reptiles				8
Amphibians				4
Fish				25
Arthropods				16
Molluscs				15
Vascular plants	10	21	41	76
Non-vascular plants			3	8

## 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.

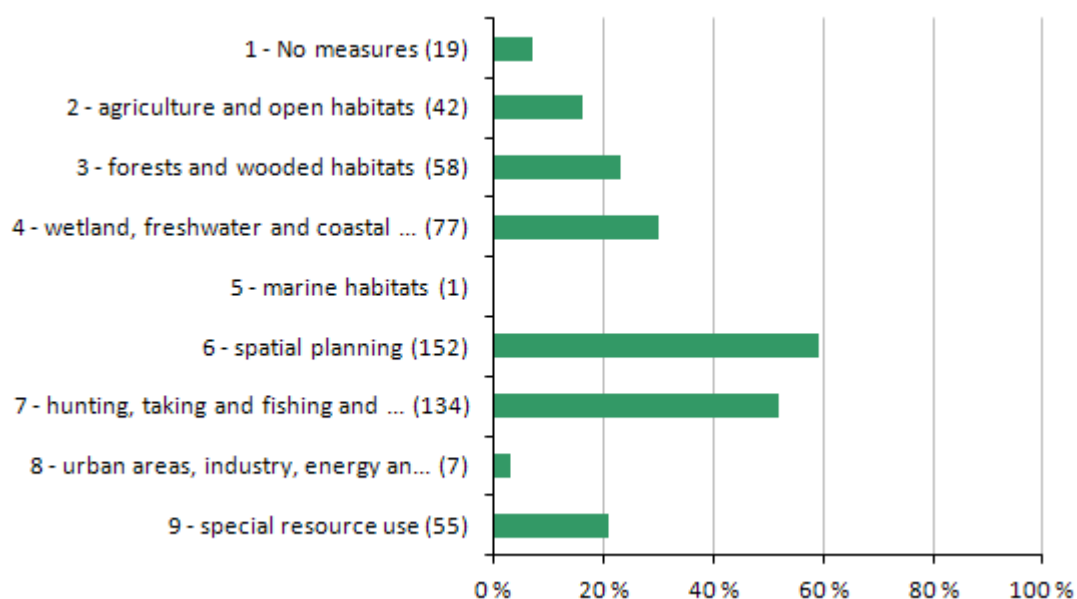


% of **habitat assessments** for which one or more 'high' importance measures were reported

**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: **156**

Number of assessments with no high ranking conservation measures or no conservation measures at all reported: **43**



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

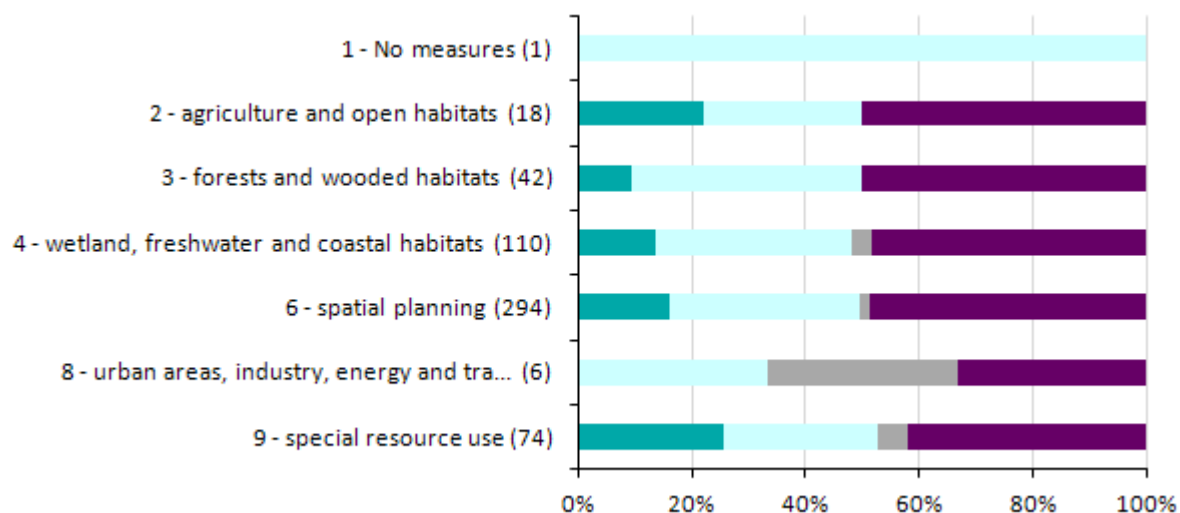
**Note:** Numbers in brackets correspond to the number of assessments where measure 1, 2, etc. is noted as being of high importance. Occasional and extinct species have been included in calculations.

Total number of assessments considered in the calculation: **256**

Number of assessments with no high ranking conservation measures or no conservation measures at all reported: **8**

### 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).

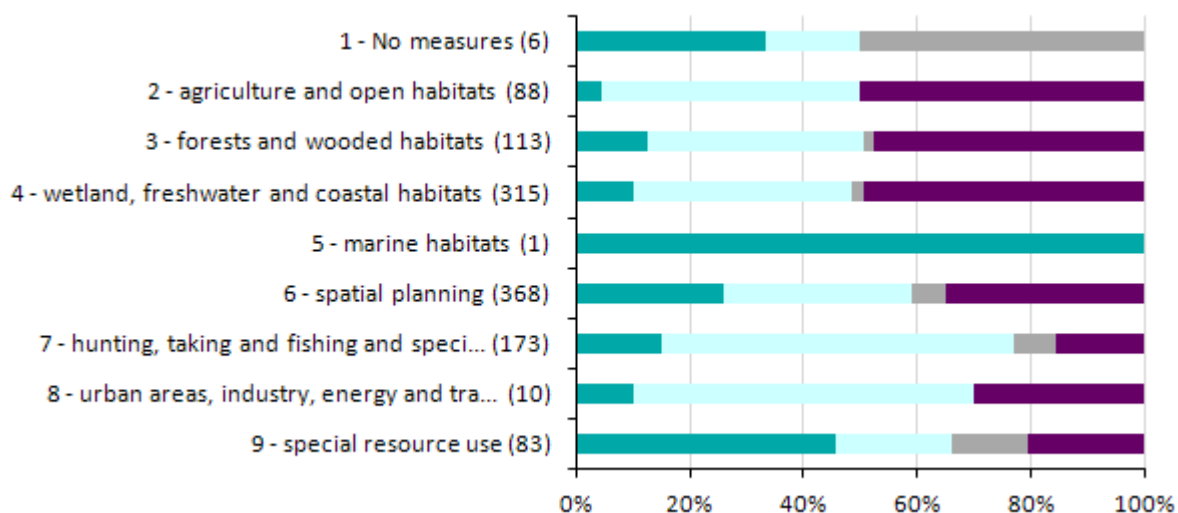


% of **habitat assessments** for which a particular effect of a measure was reported

■ 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			
2 - Measures related to agriculture and open habitats	4	5			9
3 - Measures related to forests and wooded habitats	4	17			21
4 - Measures related to wetland, freshwater and coastal habitats	15	38	4		53
6 - Measures related to spatial planning	47	99	5		143
8 - Measures related to urban areas, industry, energy and transport		2	2		2
9 - Measures related to special resource use	19	20	4		31



% 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	2	1	3		
2 - Measures related to agriculture and open habitats	4	40			44
3 - Measures related to forests and wooded habitats	14	43	2		54
4 - Measures related to wetland, freshwater and coastal habitats	32	121	6		156
5 - Measures related to marine habitats	1				
6 - Measures related to spatial planning	96	121	22		129
7 - Measures related to hunting, taking and fishing and species management	26	107	13		27
8 - Measures related to urban areas, industry, energy and transport	1	6			3
9 - Measures related to special resource use	38	17	11		17

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

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

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

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



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

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

**Species**

Species range	Area	0.5
	Trend	0
	Reference value	0
	Conclusion	0
Species population	Size	0
	Trend	0
	Reference value	0
	Conclusion	0
Habitat for species	Area	0
	Trend	0.7
	Area of suitable habitat*	0
	Conclusion	0
Future prospects	Conclusion	0
Pressures & threats		0
Natura 2000	Coverage	0
	Measures	0
Overall	Conclusion	0
	Trend	0
	Maps	0

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

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

Habitat range	Area	0
	Trend	12
	Reference value	18
	Conclusion	19
Habitat area	Area	72
	Trend	9
	Reference value	7
	Conclusion	4
Structure & functions	Conclusion	8
Future prospects	Conclusion	33
Pressures & threats		0
Natura 2000	Coverage	50
	Measures	0
Overall	Conclusion	4
	Trend	13
	Maps	0

**Species**

Species range	Area	4
	Trend	22
	Reference value	28
	Conclusion	32
Species population	Size	60
	Trend	71
	Reference value	61
	Conclusion	60
Habitat for species	Area	63
	Trend	51
	Area of suitable habitat*	77
	Conclusion	52
Future prospects	Conclusion	51
Pressures & threats		4
Natura 2000	Coverage	0
	Measures	2
Overall	Conclusion	41
	Trend	53
	Maps	3

\*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 (%)	69	81	9	82	85	33	60
Extrapolation (%)	25	6	4	3	3	4	8
Complete survey (%)	6	13	14	13	12	13	12
Absent data (%)	0	0	72	2	0	50	21

### Species

	Map	Range	Population	Pop. trend	Habitat	N2000*	Average
Expert opinion (%)	39	40	17	16	15	12	23
Extrapolation (%)	39	42	13	10	12	11	21
Complete survey (%)	20	15	10	7	11	10	12
Absent data (%)	2	4	59	66	61	66	43

\*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.

NB Portugal has included assessments of conservation status in 2007 for which no assessment was reported in the earlier report. This concerns especially vascular plants which were reported as 'N/A' in 2007. In addition Portugal has asked to change the conservation status of *Scrophularia herminii* from FV to XX. These assessments are not taken into account in the statistics of the national summary.

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 Portugal

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
Forests	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			FV FV	
	Bog woodland	91D0	2013 2007		U1= U1 nc			
	<i>Castanea sativa</i> woods	9260	2013 2007				XX XX	
	Endemic forests with <i>Juniperus</i> spp.	9560	2013 2007		U1= U1 a		U1= U1 nc	
	Forests of <i>Ilex aquifolium</i>	9380	2013 2007	FV FV			U1= U1 nc	
	Galicio-Portuguese oak woods with <i>Quercus robur</i> and <i>Quercus pyrenaica</i>	9230	2013 2007	U1+ U1 nc			U1+ U1 nc	
	Macaronesian laurel forests ( <i>Laurus</i> , <i>Ocotea</i> )	9360	2013 2007		U1= U2 c1			
	Mediterranean <i>Taxus baccata</i> woods	9580	2013 2007	U1+ U1 nc			U1+ U1 nc	
	<i>Olea</i> and <i>Ceratonia</i> forests	9320	2013 2007		U1- U2 b1		U1- U1 nc	
	<i>Quercus faginea</i> and <i>Quercus canariensis</i> Iberian woods	9240	2013 2007				U1+ U1 nc	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	Quercus ilex and Quercus rotundifolia forests	9340	2013 2007				U1= U1 nc	
	Quercus suber forests	9330	2013 2007				U1- U1 nc	
	Riparian formations on intermittent Mediterranean water courses with Rhododendron ponticum, Salix and	92B0	2013 2007				FV FV	
	Riparian mixed forests of Quercus robur, Ulmus laevis and Ulmus minor, Fraxinus excelsior or Fraxinus	91F0	2013 2007				U1= XX c1	
	Salix alba and Populus alba galleries	92A0	2013 2007				U1= FV c1	
	Southern riparian galleries and thickets (Nerio-Tamaricetea and Securinegion tinctoriae)	92D0	2013 2007				U1- U1 nc	
	Sub-Atlantic and medio-European oak or oak-hornbeam forests of the Carpinion betuli	9160	2013 2007	U1x U1 nc			U1x U1 nc	
	Thermophilous Fraxinus angustifolia woods	91B0	2013 2007				U1= U1 nc	
Rocky habitats	Calcareous rocky slopes with chasmophytic vegetation	8210	2013 2007				U1- U1 nc	
	Caves not open to the public	8310	2013 2007	U1= XX b1	FV FV		U1= XX b1	
	Fields of lava and natural excavations	8320	2013 2007		FV FV			
	Limestone pavements	8240	2013 2007				U1- U1 nc	
	Siliceous rock with pioneer vegetation of the Sedo-Scleranthion or of the Sedo albi-Veronicion dillenii	8230	2013 2007	FV FV	XX FV a		FV FV	
	Siliceous rocky slopes with chasmophytic vegetation	8220	2013 2007	FV FV	U1+ FV a		FV FV	
	Submerged or partially submerged sea caves	8330	2013 2007			XX XX		FV FV
	Western Mediterranean and thermophilous scree	8130	2013 2007				FV FV	
Bogs, mires & fens	Active raised bogs	7110	2013 2007		U2= U2 nc			
	Blanket bogs (* if active bog)	7130	2013 2007		FV U1 b1			
	Degraded raised bogs still capable of natural regeneration	7120	2013 2007		FV FV			
	Depressions on peat substrates of the Rhynchosporion	7150	2013 2007	U1= U1 nc			U1x U1 nc	
	Transition mires and quaking bogs	7140	2013 2007	U2- U2 nc	U1- U1 nc		U2- U2 nc	
Grasslands	Dehesas with evergreen Quercus spp.	6310	2013 2007				U1= U1 nc	
	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	6430	2013 2007	U1= U1 nc			U1= U1 nc	
	Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)	6510	2013 2007	U1- U1 nc			U1- U1 nc	
	Macaronesian mesophile grasslands	6180	2013 2007		U1= U1 nc			

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	Mediterranean tall humid grasslands of the Molinio-Holoschoenion	6420	2013 2007				FV FV	
	Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	6410	2013 2007	U1= FV c1			U1= FV c1	
	Oro-Iberian Festuca indigesta grasslands	6160	2013 2007	FV FV			XX FV e	
	Pseudo-steppe with grasses and annuals of the Thero-Brachypodietea	6220	2013 2007				FV FV	
	Rupicolous calcareous or basophilic grasslands of the Alysso-Sedion albi	6110	2013 2007				U1= U1 nc	
	Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* Species-rich Nardus grasslands, on silicious substrates in mountain areas (and submountain areas in	6210	2013 2007				FV FV	
	Arborescent matorral with Juniperus spp.	5210	2013 2007	U1- U1 nc			U1- U1 nc	
Sclerophyllous scrubs	Arborescent matorral with Laurus nobilis	5230	2013 2007	U1- U1 nc			U1- U1 nc	
	Cistus palhinhae formations on maritime wet heaths	5140	2013 2007				U1- U1 nc	
	Low formations of Euphorbia close to cliffs	5320	2013 2007				FV U1 c1	
	Mountain Cytisus purgans formations	5120	2013 2007				FV FV	
	Stable xerothermophilous formations with Buxus sempervirens on rock slopes (Berberidion p.p.)	5110	2013 2007				FV FV	
	Thermo-Mediterranean and pre-desert scrub	5330	2013 2007		U1- U1 nc		FV FV	
	West Mediterranean clifftop phrygas (Astragalo-Plantagnetum subulatae)	5410	2013 2007				FV FV	
Heath & scrub	Alpine and Boreal heaths	4060	2013 2007		FV FV		FV FV	
	Endemic macaronesian heaths	4050	2013 2007		FV U1 b1			
	Endemic oro-Mediterranean heaths with gorse	4090	2013 2007				FV FV	
	European dry heaths	4030	2013 2007	FV FV			FV FV	
	Northern Atlantic wet heaths with Erica tetralix	4010	2013 2007	U1- U1 nc			U1- U1 nc	
	Temperate Atlantic wet heaths with Erica ciliaris and Erica tetralix	4020	2013 2007	U1= U1 nc			U1= U1 nc	
Freshwater habitats	Alpine rivers and the herbaceous vegetation along their banks	3220	2013 2007		FV FV			
	Constantly flowing Mediterranean rivers with Glaucium flavum	3250	2013 2007				U2= U2 nc	
	Constantly flowing Mediterranean rivers with Paspalo-Agrostidion species and hanging curtains of Salix	3280	2013 2007				FV FV	
	Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.	3140	2013 2007				FV FV	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	Intermittently flowing Mediterranean rivers of the Paspalo-Agrostidion	3290	2013 2007				FV FV	
	Mediterranean temporary ponds	3170	2013 2007		U1= FV a		U2= U1 a	
	Natural dystrophic lakes and ponds	3160	2013 2007	U1= U1 nc	FV U1 b1		U1= U1 nc	
	Natural eutrophic lakes with Magnopotamion or Hydrocharition — type vegetation	3150	2013 2007				U1= FV e	
	Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the	3130	2013 2007	FV XX c1	U1= U1 nc		U1= XX c1	
	Oligotrophic waters containing very few minerals generally on sandy soils of the West Mediterranean, with	3120	2013 2007				U1= XX a	
	Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)	3110	2013 2007				U1= U1 nc	
	Rivers with muddy banks with Chenopodium rubri p.p. and Bidention p.p. vegetation	3270	2013 2007	FV FV			FV FV	
	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitriche-Batrachion vegetation	3260	2013 2007	U1= U1 nc			U1= U1 nc	
Dunes habitats	Atlantic decalcified fixed dunes (Calluno-Ulicetea)	2150	2013 2007	U1= U1 nc			U1= U1 nc	
	Cisto-Lavenduleta dune sclerophyllous scrubs	2260	2013 2007				U1= U1 nc	
	Coastal dunes with Juniperus spp.	2250	2013 2007				U1= U1 nc	
	Dunes with Salix repens ssp. argentea (Salicion arenariae)	2170	2013 2007				U2= U2 nc	
	Embryonic shifting dunes	2110	2013 2007	U1x U1 nc			U1x U1 nc	
	Fixed coastal dunes with herbaceous vegetation ('grey dunes')	2130	2013 2007	U1= U1 nc	U1- U2 c1		U1= U1 nc	
	Humid dune slacks	2190	2013 2007	U2= U2 nc			U2= U2 nc	
	Inland dunes with open Corynephorus and Agrostis grasslands	2330	2013 2007	U1= U1 nc			U1= U1 nc	
	Malcolmietalia dune grasslands	2230	2013 2007	U1= U1 nc			U1= U1 nc	
	Shifting dunes along the shoreline with Ammophila arenaria ('white dunes')	2120	2013 2007	U1x U1 nc			U1x U1 nc	
	Wooded dunes of the Atlantic, Continental and Boreal region	2180	2013 2007	U2= U2 nc				
	Wooded dunes with Pinus pinea and/or Pinus pinaster	2270	2013 2007				U1= U1 nc	
Coastal habitats	Annual vegetation of drift lines	1210	2013 2007	U1x U1 nc	FV FV		U1x U1 nc	
	Atlantic salt meadows (Glauco-Puccinellietalia maritima)	1330	2013 2007	U1x U1 nc			U1x U1 nc	
	Coastal lagoons	1150	2013 2007		U2- U2 nc		U2= U2 nc	
	Estuaries	1130	2013 2007			U1- c1		

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	Halo-nitrophilous scrubs (Pegano-Salsotea)	1430	2013 2007				FV FV	
	Large shallow inlets and bays	1160	2013 2007			U1- XX b1		FV FV
	Mediterranean and thermo-Atlantic halophilous scrubs (Sarcocornetea fruticosi)	1420	2013 2007	U1= U1 nc			U1= U1 nc	
	Mediterranean salt meadows (Juncetalia maritimi)	1410	2013 2007		U2= U2 nc		FV FV	
	Mediterranean salt steppes (Limonietalia)	1510	2013 2007				U1= U1 nc	
	Mudflats and sandflats not covered by seawater at low tide	1140	2013 2007			U2= c1		XX
	Perennial vegetation of stony banks	1220	2013 2007		FV FV			
	Reefs	1170	2013 2007			U1x XX b1		FV FV
	Salicornia and other annuals colonizing mud and sand	1310	2013 2007	U1- U1 nc			U1- U1 nc	
	Sandbanks which are slightly covered by sea water all the time	1110	2013 2007			U1- XX b1		XX XX
	Spartina swards (Spartinion maritimae)	1320	2013 2007	U1x U1 nc	U1- U1 nc		FV U1 b1	
	Vegetated sea cliffs of the Atlantic and Baltic Coasts	1230	2013 2007	U1- U1 nc			U1x U1 nc	
	Vegetated sea cliffs of the Mediterranean coasts with endemic Limonium spp.	1240	2013 2007				FV FV	
	Vegetated sea cliffs with endemic flora of the Macaronesian coasts	1250	2013 2007		FV U1 b1			

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

Not Applicable

### Species reported by Portugal

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
Non-vascular plants	Bruchia vogesiaca	1385	2013 2007	XX U2 b1			U1x U1 nc	
	Bryoerythrophyllum campylocarpum	1388	2013 2007	U1x U2 b1	XX		U1x U2 b1	
	Cladonia spp. (subgenus Cladina)	1378	2013 2007	FV U2 c1	FV XX b1		U1x U2 c2	
	Echinodium spinosum	1397	2013 2007		FV FV			
	Leucobryum glaucum	1400	2013 2007		FV U1 b1			
	Marsupella profunda	1390	2013 2007	XX U2 b1	XX U2 b1		XX U1 b1	



Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	<i>Petalophyllum ralfsii</i>	1395	2013 2007				XX U1 e	
	<i>Sphagnum</i> spp.	1409	2013 2007	XX U1 e	FV FV		U1x U1 nc	
	<i>Thamnobryum fernandesii</i>	1382	2013 2007		XX U1 c1			
Vascular plants	<i>Aichryson dumosum</i>	1519	2013 2007		XX U1 c1			
	<i>Alyssum pintodasilvae</i>	1509	2013 2007				FV U1 c1	
	<i>Ammi trifoliatum</i>	1615	2013 2007		U2x U2 nc			
	<i>Anarrhinum longipedicelatum</i>	1724	2013 2007				XX U1 b1	
	<i>Andryala crithmifolia</i>	1807	2013 2007		XX U1 b1			
	<i>Anthyllis lemanniana</i>	1560	2013 2007		XX FV a			
	<i>Anthyllis lusitanica</i>	1554	2013 2007				XX XX	
	<i>Antirrhinum lopesianum</i>	1722	2013 2007				U2- U1 b1	
	<i>Apium repens</i>	1614	2013 2007				U2x U2 nc	
	<i>Arabis sadina</i>	1507	2013 2007				FV XX c1	
	<i>Arceuthobium azoricum</i>	1439	2013 2007		FV FV			
	<i>Argyranthemum pinnatifidum</i> ssp. <i>succulentum</i>	1761	2013 2007		FV FV			
	<i>Argyranthemum thalassophilum</i>	1824	2013 2007		U1= U1=			
	<i>Armeria berlangensis</i>	1645	2013 2007				U1x U1 nc	
	<i>Armeria pseudarmeria</i>	1638	2013 2007				U1x U1 nc	
	<i>Armeria rouyana</i>	1644	2013 2007				XX U1 e	
	<i>Armeria sampaioi</i>	1641	2013 2007				U1x U1 nc	
	<i>Arnica montana</i>	1762	2013 2007	XX U1 c1			U1x U1 nc	
	<i>Asphodelus bento-rainhae</i>	1840	2013 2007				U1x U1 nc	
	<i>Asplenium hemionitis</i>	1424	2013 2007		U2- U2 nc		U1x U1 nc	
	<i>Avenula hackelii</i>	1886	2013 2007				XX U1 e	
	<i>Azorina vidalii</i>	1755	2013 2007		U1+ U1 nc			

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	<i>Bellevalia hackelii</i>	1838	2013 2007				FV U1 c1	
	<i>Berberis maderensis</i>	1484	2013 2007		XX FV a			
	<i>Beta patula</i>	1446	2013 2007		U1= U1 nc			
	<i>Biscutella vincentina</i>	1505	2013 2007				XX U1 e	
	<i>Bunium brevifolium</i>	1623	2013 2007		XX FV a			
	<i>Calendula maderensis</i>	1810	2013 2007		FV FV			
	<i>Carex malato-belizii</i>	1899	2013 2007		U1= FV c1			
	<i>Centaurea micrantha</i> ssp. <i>herminii</i>	1793	2013 2007	XX U1 e			XX XX	
	<i>Centaurea rothmalerana</i>	1784	2013 2007				XX U1 c1	
	<i>Centaurea vicentina</i>	1785	2013 2007				U1x U1 nc	
	<i>Chaenorhinum serpyllifolium</i> ssp. <i>lusitanicum</i>	1721	2013 2007				U1x U2 c1	
	<i>Chaerophyllum azoricum</i>	1609	2013 2007		U2+ U2 nc			
	<i>Chamaemeles coriacea</i>	1537	2013 2007		U1- U1 b1			
	<i>Cheirolophus massonianus</i>	1809	2013 2007		U1= U1 nc			
	<i>Cirsium latifolium</i>	1826	2013 2007		FV FV			
	<i>Cistus palhinhae</i>	1592	2013 2007				XX U1 e	
	<i>Convolvulus fernandesii</i>	1664	2013 2007				XX U1 c1	
	<i>Convolvulus massonii</i>	1665	2013 2007		FV FV			
	<i>Crepis pusilla</i>	4082	2013 2007				XX	
	<i>Culcita macrocarpa</i>	1420	2013 2007	U1= U1 nc	FV FV			
	<i>Deschampsia maderensis</i>	1895	2013 2007		XX FV a			
	<i>Dianthus cintranus</i> ssp. <i>cintranus</i>	1447	2013 2007				U1+ U1 nc	
	<i>Dianthus marizii</i>	1469	2013 2007				XX U1 c1	
	<i>Diplotaxis vicentina</i>	1497	2013 2007				U1x U1 nc	
	<i>Doronicum plantagineum</i> ssp. <i>tournefortii</i>	1797	2013 2007				U2x U2 nc	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	<i>Dorycnium pentaphyllum</i> ssp. <i>transmontanum</i>	1542	2013 2007				XX XX	
	<i>Dracaena draco</i>	1856	2013 2007		U2- U2 a			
	<i>Echium candicans</i>	1680	2013 2007		XX FV a			
	<i>Erica scoparia</i> ssp. <i>azorica</i>	1624	2013 2007		FV FV			
	<i>Eryngium viviparum</i>	1603	2013 2007				U2x U2 nc	
	<i>Euphorbia stygiana</i>	1577	2013 2007		U1- U1 nc			
	<i>Euphorbia transtagana</i>	1573	2013 2007				U1x U1 nc	
	<i>Euphrasia azorica</i>	1736	2013 2007		U2= U2 nc			
	<i>Euphrasia grandiflora</i>	1734	2013 2007		U2- U2 a			
	<i>Festuca brigantina</i>	1884	2013 2007				U1x U1 nc	
	<i>Festuca duriotagana</i>	1888	2013 2007	XX			XX U1 c1	
	<i>Festuca elegans</i>	1885	2013 2007	MAR XX			FV FV	
	<i>Festuca henriquesii</i>	1890	2013 2007				FV FV	
	<i>Festuca summilusitana</i>	1891	2013 2007	XX U1 c2			FV XX c1	
	<i>Frangula azorica</i>	1580	2013 2007		U1+ U1 b1			
	<i>Gentiana lutea</i>	1657	2013 2007				U1+ U1 nc	
	<i>Geranium maderense</i>	1571	2013 2007		U1- U1 d			
	<i>Goodyera macrophylla</i>	1907	2013 2007		FV FV			
	<i>Halimium verticillatum</i>	1593	2013 2007				XX U1 c1	
	<i>Herniaria algarvica</i>	1448	2013 2007				U1- U2 b1	
	<i>Herniaria lusitanica</i> ssp. <i>berlengiana</i>	1449	2013 2007				U1x U1 nc	
	<i>Herniaria maritima</i>	1462	2013 2007				XX U1 c1	
	<i>Holcus setiglumis</i> ssp. <i>duriensis</i>	1892	2013 2007				XX XX	
	<i>Hyacinthoides vincentina</i>	1851	2013 2007				XX U1 c1	
	<i>Hymenophyllum maderensis</i>	1422	2013 2007		U1= U1+ nc			

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	Iberis procumbens ssp. microcarpa	1503	2013 2007				FV XX c1	
	Iris boissieri	1874	2013 2007	XX U1 c1				
	Iris lusitanica	1875	2013 2007				XX U1 e	
	Isoetes azorica	1417	2013 2007		U1- U1 nc			
	Jasione crispa ssp. serpentina	1752	2013 2007				U1x U1 nc	
	Jasione lusitanica	1753	2013 2007	FV U1 b1			XX U1 c1	
	Jasminum azoricum	1652	2013 2007		U2= U2 nc			
	Jonopsidium acaule	1487	2013 2007				FV XX c1	
	Juncus valvatus	1877	2013 2007				U1x U1 nc	
	Lactuca watsoniana	1825	2013 2007		U2= U2 nc			
	Leuzea longifolia	1788	2013 2007				U1x U2 b1	
	Leuzea rhaponticoides	1813	2013 2007				U1x U1 nc	
	Limonium lanceolatum	1639	2013 2007				XX U1 c1	
	Limonium multiflorum	1640	2013 2007				U1- U1 nc	
	Linaria algarviana	1726	2013 2007				U1x U1 nc	
	Linaria coutinhoi	1716	2013 2007				U1x U1 nc	
	Linaria ficalhoana	1719	2013 2007				FV U1 b1	
	Linaria ricardoii	1713	2013 2007				U1= U1 nc	
	Lotus azoricus	1562	2013 2007		U2- U2 nc			
	Lycopodium spp.	1413	2013 2007	U2x	FV		U2x	
	Malcolmia lacera ssp. gracilima	1489	2013 2007				XX U1 e	
	Marcetella maderensis	1539	2013 2007		U1= U1 nc			
	Marsilea azorica	1430	2013 2007		XX U2 b1			
	Marsilea batardae	1427	2013 2007				XX U1 e	
	Marsilea quadrifolia	1428	2013 2007				U2x U2 nc	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	<i>Maytenus umbellata</i>	1579	2013 2007		FV FV			
	<i>Melanoselinum decipiens</i>	1612	2013 2007		XX U1 b2			
	<i>Melilotus segetalis</i> ssp. <i>fallax</i>	1556	2013 2007				XX U1 e	
	<i>Monizia edulis</i>	1620	2013 2007		U1- N/A			
	<i>Murbeckiella pinnatifida</i> ssp. <i>herminii</i>	1504	2013 2007				XX U1 c1	
	<i>Murbeckiella sousae</i>	1491	2013 2007				XX U2 c1	
	<i>Musschia aurea</i>	1754	2013 2007		FV FV			
	<i>Musschia wollastonii</i>	1756	2013 2007		FV FV			
	<i>Myosotis azorica</i>	1678	2013 2007		U2= U2 nc			
	<i>Myosotis lusitanica</i>	1669	2013 2007				XX U1 e	
	<i>Myosotis maritima</i>	1679	2013 2007		FV U1 b1			
	<i>Myosotis retusifolia</i>	1673	2013 2007				XX U1 e	
	<i>Narcissus asturiensis</i>	1865	2013 2007				FV FV	
	<i>Narcissus bulbocodium</i>	1864	2013 2007	FV U1 c1			FV U1 c1	
	<i>Narcissus calcicola</i>	1863	2013 2007				FV U1 c1	
	<i>Narcissus cyclamineus</i>	1862	2013 2007	U1x U1 nc			U1x U2 b1	
	<i>Narcissus fernandesii</i>	1860	2013 2007				XX U2 b1	
	<i>Narcissus humilis</i>	1859	2013 2007				U2- U2 nc	
	<i>Narcissus pseudonarcissus</i> ssp. <i>nobilis</i>	1857	2013 2007	FV U1 b1			FV U1 b1	
	<i>Narcissus scaberulus</i>	1870	2013 2007				FV FV	
	<i>Narcissus triandrus</i>	1996	2013 2007	FV U1 c1			FV U1 c1	
	<i>Odontites holliana</i>	1729	2013 2007		XX FV a			
	<i>Oenanthe divaricata</i>	1621	2013 2007		FV FV			
	<i>Omphalodes kuzinskyanae</i>	1675	2013 2007				U1x U1 nc	
	<i>Ononis hackelii</i>	1549	2013 2007				U1x U1 nc	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	Orchis scopolorum	1906	2013 2007		XX FV a			
	Phagnalon benettii	1817	2013 2007		FV FV			
	Phalaris maderensis	1894	2013 2007		U1+ U1+			
	Picconia azorica	1653	2013 2007		U1= U1 nc			
	Picris willkommii	1783	2013 2007				U1+ U2 b1	
	Pittosporum coriaceum	1532	2013 2007		U1= U1 nc			
	Plantago algarbiensis	1742	2013 2007				U2- U2 nc	
	Plantago almogravensis	1743	2013 2007				U2= U2 nc	
	Plantago malato-belizii	1744	2013 2007		XX FV a			
	Polystichum drepanum	1412	2013 2007		U1+ U1+			
	Prunus lusitanica ssp. azorica	1540	2013 2007		U2= U2 nc			
	Pseudarrhenatherum pallens	1878	2013 2007				U1x U2 b1	
	Rhynchosinapis erucastrum ssp. cintrana	1492	2013 2007				U1x U1 nc	
	Rumex azoricus	1442	2013 2007		U2= U2 nc			
	Ruscus aculeatus	1849	2013 2007	FV U1 c1			FV U1 c1	
	Salix salvifolia ssp. australis	1434	2013 2007				XX U1 c1	
	Sanicula azorica	1622	2013 2007		FV U1 b1			
	Santolina impressa	1777	2013 2007				XX XX	
	Santolina semidentata	1775	2013 2007				FV U1 c1	
	Saxifraga cintrana	1523	2013 2007				XX U1 b1	
	Saxifraga portosanctana	1529	2013 2007		FV FV			
	Scabiosa nitens	1747	2013 2007		U1- U1 nc			
	Scilla beirana	1837	2013 2007	XX XX			XX XX	
	Scilla maderensis	1854	2013 2007		FV FV			
	Scilla odorata	1848	2013 2007				XX U1 c1	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	<i>Scrophularia grandiflora</i> ssp. <i>grandiflora</i>	1708	2013 2007				XX XX	
	<i>Scrophularia herminii</i>	1711	2013 2007	XX U1 c1			XX U1 c1	
	<i>Scrophularia sublyrata</i>	1735	2013 2007				XX U1 e	
	<i>Sedum brissemoretii</i>	1521	2013 2007		FV FV			
	<i>Semele maderensis</i>	1853	2013 2007		XX N/A			
	<i>Senecio caespitosus</i>	1773	2013 2007				U1x U1 nc	
	<i>Senecio lagascanus</i> ssp. <i>lusitanicus</i>	1769	2013 2007				U1x U2 b1	
	<i>Sibthorpia peregrina</i>	1730	2013 2007		FV FV			
	<i>Sideroxylon marmulano</i>	1651	2013 2007		U1= U1+ nc			
	<i>Silene longicilia</i>	1457	2013 2007				XX U1 e	
	<i>Silene rothmaleri</i>	1452	2013 2007				FV XX b1	
	<i>Sinapidendron rupestre</i>	1512	2013 2007		U1= U1 nc			
	<i>Sorbus maderensis</i>	1541	2013 2007		U2- U1+ a			
	<i>Spergularia azorica</i>	1471	2013 2007		FV FV			
	<i>Spiranthes aestivalis</i>	1900	2013 2007	XX			XX U1 e	
	<i>Teucrium abutiloides</i>	1701	2013 2007		U1= U1 nc			
	<i>Teucrium betonicum</i>	1702	2013 2007		FV FV			
	<i>Teucrium salviastrum</i> ssp. <i>salviastrum</i>	1691	2013 2007				XX U1 c1	
	<i>Thorella verticillatinundata</i>	1618	2013 2007				U1x U1 nc	
	<i>Thymelaea broterana</i>	1582	2013 2007				U1x U1 nc	
	<i>Thymus camphoratus</i>	1695	2013 2007				FV U1 b1	
	<i>Thymus capitellatus</i>	1696	2013 2007				XX U1 c1	
	<i>Thymus carnosus</i>	1681	2013 2007				XX U1 e	
	<i>Thymus lotocephalus</i>	1682	2013 2007				XX U1 c1	
	<i>Thymus villosus</i> ssp. <i>villosus</i>	1698	2013 2007				XX XX	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	Trichomanes speciosum	1421	2013 2007	U1x U2 c1	FV FV			
	Tuberaria major	1595	2013 2007				U1x U1 nc	
	Ulex densus	1551	2013 2007				U1x U1 nc	
	Verbascum litigiosum	1731	2013 2007				U1x U1 nc	
	Veronica micrantha	1733	2013 2007	XX U1 e			XX U1 e	
	Viola paradoxa	1586	2013 2007		XX FV a			
	Woodwardia radicans	1426	2013 2007	XX U1 c2	FV FV		U1x U1 nc	
Molluscs	Caseolus calculus	1011	2013 2007		FV XX b1			
	Caseolus commixta	1010	2013 2007		FV U1 b1			
	Caseolus sphaerula	1009	2013 2007		XX U2 b2			
	Discula leacockiana	1004	2013 2007		XX XX			
	Discula tabellata	1002	2013 2007		U2- XX a			
	Discula testudinalis	1003	2013 2007		XX			
	Discula turricula	1005	2013 2007		FV			
	Discus guerinius	1023	2013 2007		U2- U2- a			
	Geomalacus maculosus	1024	2013 2007	XX XX			XX XX	
	Geomitra moniziana	1006	2013 2007		U2- U2- a			
	Idiomela subplicata	1025	2013 2007		XX XX			
	Leiostyla cassida	1018	2013 2007		U2- N/A			
	Leiostyla corneocostata	1019	2013 2007		XX XX			
	Lithophaga lithophaga	1027	2013 2007			XX XX		
	Margaritifera margaritifera	1029	2013 2007	U2- U2-			U2x U2 nc	
	Unio tumidiformis	5382	2013 2007				U2x	
Arthropods	Apteromantis aptera	1051	2013 2007				XX XX	
	Austropotamobius pallipes	1092	2013 2007				U2- U2-	



Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	<i>Callimorpha quadripunctaria</i>	1078	2013 2007	XX U1 c1			XX U1 c1	
	<i>Cerambyx cerdo</i>	1088	2013 2007	XX U1 c1			XX U1 c1	
	<i>Coenagrion mercuriale</i>	1044	2013 2007	XX			XX XX	
	<i>Euphydryas aurinia</i>	1065	2013 2007	XX U1 c1			XX U1 c1	
	<i>Gomphus graslinii</i>	1046	2013 2007				XX XX	
	<i>Lucanus cervus</i>	1083	2013 2007	XX U1 c1			XX U1 c1	
	<i>Macromia splendens</i>	1036	2013 2007				XX XX	
	<i>Macrothele calpeiana</i>	1094	2013 2007				XX	
	<i>Oxygastra curtisii</i>	1041	2013 2007	XX XX			XX XX	
	<i>Proserpinus proserpina</i>	1076	2013 2007				XX XX	
	<i>Scyllarides latus</i>	1090	2013 2007					XX XX
Fish	<i>Alosa alosa</i>	1102	2013 2007	U1- U2 c1			U1= U2 c1	
	<i>Alosa fallax</i>	1103	2013 2007	U1= U2 c1			U1= U2 c1	
	<i>Anaecypris hispanica</i>	1133	2013 2007				U2- U2-	
	<i>Barbus bocagei</i>	2501	2013 2007	FV U1+ b1			FV U1+ b1	
	<i>Barbus comizo</i>	1142	2013 2007				U1- U2 c1	
	<i>Barbus microcephalus</i>	2502	2013 2007				U1- U1 nc	
	<i>Barbus sclateri</i>	2504	2013 2007				U1x U2 c1	
	<i>Barbus steindachneri</i>	2505	2013 2007				U1x U2 c1	
	<i>Chondrostoma almakai</i>	5181	2013 2007				U2x U2- c1	
	<i>Chondrostoma duriense</i>	5182	2013 2007	FV U1 c1			FV U1 c1	
	<i>Chondrostoma lusitanicum</i>	1128	2013 2007				U1x U2- c1	
	<i>Chondrostoma polylepis</i>	1116	2013 2007				FV U1 c1	
	<i>Chondrostoma willkommii</i>	2510	2013 2007				U1x U1 nc	
	<i>Cobitis calderoni</i>	5303	2013 2007				XX	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	<i>Cobitis paludica</i>	5302	2013 2007				FV	
	<i>Lampetra fluviatilis</i>	1099	2013 2007				U2= U2 nc	
	<i>Lampetra planeri</i>	1096	2013 2007				U1= U2- b1	
	<i>Petromyzon marinus</i>	1095	2013 2007	FV U1 b1			U1= U1 nc	
	<i>Rutilus alburnoides</i>	1123	2013 2007				FV U2 c2	
	<i>Rutilus arcasii</i>	1127	2013 2007	XX U2 e			XX U2 e	
	<i>Rutilus lemmingii</i>	1125	2013 2007				U1x U2 c1	
	<i>Rutilus macrolepidotus</i>	1135	2013 2007	FV MAR			FV U1 b2	
	<i>Salmo salar</i>	1106	2013 2007	U2- U2-				
Amphibians	<i>Alytes cisternasii</i>	1192	2013 2007				XX U1 e	
	<i>Alytes obstetricans</i>	1191	2013 2007	XX U1 e			U1x U1 nc	
	<i>Bufo calamita</i>	1202	2013 2007	XX U1 e			XX U1 e	
	<i>Chioglossa lusitanica</i>	1172	2013 2007	U1x U1 nc			U1x U1 nc	
	<i>Discoglossus galganoi</i>	1194	2013 2007	XX U1 e			XX U1 e	
	<i>Hyla arborea</i>	1203	2013 2007	XX U1 e			XX U1 e	
	<i>Hyla meridionalis</i>	1205	2013 2007				XX U1 e	
	<i>Pelobates cultripes</i>	1198	2013 2007	XX U1 e			XX U1 e	
	<i>Rana iberica</i>	1216	2013 2007	U1x U1 nc			U1x U1 nc	
	<i>Rana perezi</i>	1211	2013 2007	XX FV e			XX FV e	
	<i>Triturus marmoratus</i>	1174	2013 2007	XX FV e			XX FV e	
Reptiles	<i>Caretta caretta</i>	1224	2013 2007					U1x U1 nc
	<i>Chalcides bedriagai</i>	1272	2013 2007	U1x U1 nc			U1x U1 nc	
	<i>Coluber hippocrepis</i>	1288	2013 2007	FV FV nc			FV FV nc	
	<i>Coronella austriaca</i>	1283	2013 2007	XX U1 c1			XX U1 c1	
	<i>Emys orbicularis</i>	1220	2013 2007	U1x U1 nc			U1x U1 nc	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	Lacerta dugesii	1247	2013 2007		U1= XX d			
	Lacerta monticola	1249	2013 2007				U1x U1 nc	
	Lacerta schreiberi	1259	2013 2007	U1x U1 nc			U1x U1 nc	
	Mauremys leprosa	1221	2013 2007	FV FV			FV FV	
	Tarentola boettgeri	1231	2013 2007		FV FV			
	Vipera seoanei	1297	2013 2007	U1x U1 nc			U1x U1 nc	
Mammals	Balaenoptera acutorostrata	2618	2013 2007			XX U1 b1		XX XX
	Balaenoptera borealis	2619	2013 2007					U1x XX d
	Balaenoptera edeni	2620	2013 2007					XX XX
	Balaenoptera musculus	5020	2013 2007					U1x U1 nc
	Balaenoptera physalus	2621	2013 2007			XX XX		XX XX
	Barbastella barbastellus	1308	2013 2007	XX XX			U1x XX c1	
	Canis lupus	1352	2013 2007	FV U1 a			U1 U1	
	Capra pyrenaica	1368	2013 2007	U1+ U1 nc			XX U1 c1	
	Delphinus delphis	1350	2013 2007			U1= FV b1		XX XX
	Eptesicus serotinus	1327	2013 2007	XX XX			XX FV b2	
	Felis silvestris	1363	2013 2007	U1- U1-			U1- U1-	
	Galemys pyrenaicus	1301	2013 2007	U1x U1 nc			U1x U1 nc	
	Genetta genetta	1360	2013 2007	XX XX			FV FV	
	Globicephala macrorhynchus	2627	2013 2007					XX XX
	Globicephala melas	2029	2013 2007			XX XX		
	Grampus griseus	2030	2013 2007			XX XX		XX XX
	Herpestes ichneumon	1359	2013 2007	FV			FV FV	
	Hyperoodon ampullatus	5033	2013 2007					XX XX
	Hypsugo savii	5365	2013 2007	XX			U1x c1	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	<i>Kogia breviceps</i>	2622	2013 2007					XX XX
	<i>Lutra lutra</i>	1355	2013 2007	FV FV			FV FV	
	<i>Martes martes</i>	1357	2013 2007	XX XX			XX XX	
	<i>Megaptera novaeangliae</i>	1345	2013 2007					U1x U1 nc
	<i>Mesoplodon bidens</i>	2038	2013 2007					XX XX
	<i>Mesoplodon densirostris</i>	2625	2013 2007					XX XX
	<i>Microtus cabrerai</i>	1338	2013 2007				XX U1 c1	
	<i>Miniopterus schreibersii</i>	1310	2013 2007	XX XX			U1+ U1+	
	<i>Monachus monachus</i>	1366	2013 2007					U1+ N/A
	<i>Mustela putorius</i>	1358	2013 2007	XX U1			XX U1	
	<i>Myotis bechsteinii</i>	1323	2013 2007	U1x			U2x U2- c1	
	<i>Myotis blythii</i>	1307	2013 2007				U2- U2-	
	<i>Myotis daubentonii</i>	1314	2013 2007	XX XX			XX XX	
	<i>Myotis emarginatus</i>	1321	2013 2007	U1x XX c1			U2x U2 nc	
	<i>Myotis myotis</i>	1324	2013 2007	U1x XX c1			U1x U1- c1	
	<i>Myotis mystacinus</i>	1330	2013 2007	XX XX			U2x U2 nc	
	<i>Myotis nattereri</i>	1322	2013 2007	U1x XX c1			U1+ U1+	
	<i>Nyctalus azoreum</i>	2015	2013 2007		U1+ U2+ c1			
	<i>Nyctalus lasiopterus</i>	1328	2013 2007	XX			XX XX	
	<i>Nyctalus leisleri</i>	1331	2013 2007	XX XX	U1- U2+ b1		XX XX	
	<i>Orcinus orca</i>	2027	2013 2007					XX XX
	<i>Phocoena phocoena</i>	1351	2013 2007			U1- U1 nc		
	<i>Physeter catodon</i>	5031	2013 2007					U1x nc
	<i>Pipistrellus kuhlii</i>	2016	2013 2007	XX XX			FV FV	
	<i>Pipistrellus maderensis</i>	2017	2013 2007		U1- U2+ c1			

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	Pipistrellus pipistrellus	1309	2013 2007	XX			FV XX b1	
	Pipistrellus pygmaeus	5009	2013 2007	XX XX			FV FV	
	Plecotus auritus	1326	2013 2007	U1x XX c1			U1x XX c1	
	Plecotus austriacus	1329	2013 2007	U1x XX b1	XX U2- b1		U1x XX c1	
	Pseudorca crassidens	2028	2013 2007					XX XX
	Rhinolophus euryale	1305	2013 2007	XX XX			U1x U2- b1	
	Rhinolophus ferrumequinum	1304	2013 2007	XX XX			U1+ U2+ c1	
	Rhinolophus hipposideros	1303	2013 2007	U1x XX c1			XX U1- c1	
	Rhinolophus mehelyi	1302	2013 2007				U1x U2- c1	
	Stenella coeruleoalba	2034	2013 2007			U1= FV b1		XX XX
	Stenella frontalis	2628	2013 2007					XX XX
	Steno bredanensis	2033	2013 2007					XX XX
	Tadarida teniotis	1333	2013 2007	XX XX			XX XX	
	Tursiops truncatus	1349	2013 2007			FV FV		XX XX
	Ziphius cavirostris	2035	2013 2007			XX XX		XX XX
Other invertebrates	Corallium rubrum	1001	2013 2007					

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	ATL	MAC	MATL	MED	MMAC
Non-vascular plants	Riella helicophylla	1391	2013 2007				PEX U2	
Vascular plants	Armeria neglecta	1637	2013 2007				N/SR TAX U2	
	Armeria sampaioi	1641	2013 2007	MAR U1				
	Armeria velutina	1635	2013 2007				PEX U2	
	Astragalus algarbiensis	1543	2013 2007				PEX U2	

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	<i>Euphrasia mendoncae</i>	1712	2013 2007				N/SR TAX U2	
	<i>Iris boissieri</i>	1874	2013 2007				MAR U1	
	<i>Limonium dodartii</i> ssp. <i>lusitanicum</i>	1633	2013 2007				N/SR TAX U1	
	<i>Lycopodiella cernua</i>	5190	2013 2007	OP				
	<i>Lycopodiella inundata</i>	5191	2013 2007	OP			OP	
	<i>Lycopodium clavatum</i>	5105	2013 2007				OP	
	<i>Rubus genevierii</i> ssp. <i>herminicus</i>	1533	2013 2007				N/SR TAX U1	
	<i>Thymelaea broterana</i>	1582	2013 2007	MAR				
	<i>Vicia dennesiana</i>	1567	2013 2007		PEX U2			
Molluscs	<i>Leiostyla abbreviata</i>	1017	2013 2007		PEX U2			
	<i>Leiostyla gibba</i>	1020	2013 2007		PEX U2			
	<i>Leiostyla lamellosa</i>	1021	2013 2007		PEX U2			
Arthropods	<i>Gomphus graslinii</i>	1046	2013 2007	MAR				
	<i>Macromia splendens</i>	1036	2013 2007	MAR				
Fish	<i>Acipenser sturio</i>	1101	2013 2007	PEX U2-			PEX U2-	
	<i>Cobitis paludica</i>	5302	2013 2007	MAR				
	<i>Rutilus alburnoides</i>	1123	2013 2007	MAR U1				
Reptiles	<i>Caretta caretta</i>	1224	2013 2007			OCC XX		
	<i>Chelonia mydas</i>	1227	2013 2007			OCC XX		OCC U1
	<i>Dermodochelys coriacea</i>	1223	2013 2007			OCC XX		OCC U1
	<i>Eretmodochelys imbricata</i>	1225	2013 2007			OCC XX		OCC U1
	<i>Lepidochelys kempii</i>	1226	2013 2007					OCC U1
Mammals	<i>Balaenoptera borealis</i>	2619	2013 2007			OCC XX		
	<i>Balaenoptera musculus</i>	5020	2013 2007			OCC XX		
	<i>Cystophora cristata</i>	2637	2013 2007			OCC XX		OCC XX

Group	Name	Code	Year	ATL	MAC	MATL	MED	MMAC
	<i>Erignathus barbatus</i>	2638	2013 2007			OCC XX		
	<i>Eubalaena glacialis</i>	1348	2013 2007			OCC XX		OCC XX
	<i>Globicephala melas</i>	2029	2013 2007					OCC
	<i>Halichoerus grypus</i>	1364	2013 2007			OCC XX		OCC XX
	<i>Kogia breviceps</i>	2622	2013 2007			OCC XX		
	<i>Lynx pardinus</i>	1362	2013 2007				SR U2	
	<i>Megaptera novaeangliae</i>	1345	2013 2007			OCC XX		
	<i>Mesoplodon densirostris</i>	2625	2013 2007			OCC XX		
	<i>Mesoplodon europaeus</i>	5034	2013 2007			OCC XX		OCC XX
	<i>Mesoplodon mirus</i>	2037	2013 2007					OCC XX
	<i>Nyctalus noctula</i>	1312	2013 2007				OCC XX	
	<i>Orcinus orca</i>	2027	2013 2007			OCC XX		
	<i>Phoca hispida botnica</i>	1938	2013 2007			OCC XX		
	<i>Phoca vitulina</i>	1365	2013 2007			OCC XX		OCC XX
	<i>Physeter catodon</i>	5031	2013 2007			OCC		
	<i>Pipistrellus kuhlii</i>	2016	2013 2007		SR XX			
	<i>Pseudorca crassidens</i>	2028	2013 2007			OCC XX		
	<i>Tadarida teniotis</i>	1333	2013 2007		PEX			