

EU Baseline Glossary and short compendium

First part: EU BASELINE Compendium

EEA project manager : Katarzyna Biala and Carlos Romão
ETC/BD task manager: Sophie Condé, MNHN, conde@mnhn.fr
ETC/BD task team: Lawrence Jones-Walter, Amor Torre-Marin ECNC
Work package no.: 1.2.2A
Date: 15/03/2011
Revised: 18/04/2011



EU 2010 Biodiversity Baseline Compendium

This document summarises in tabular form the information from the EEA Technical report No 12/2010 - EU 2010 biodiversity baseline. It provides rapid access to key figures on biodiversity and ecosystems that were presented in graphical form in the EU baseline report.

How to use this compendium

- Specific terms are defined in the paper EU 2010 biodiversity baseline: Glossary; additional explanations can be found in chapter 15 'Explanatory notes' of the EU biodiversity baseline report.
- Each table refers to a figure or table published in the EU biodiversity baseline report; the number of this figure or table is indicated between brackets for easier cross-referencing.
- Species or Habitats of European interest refers to species and habitats listed in the annexes of the Habitats Directive (Council Directive 92/43/EEC of 21 May 1992).

Table of Contents

EU Baseline Glossary and short compendium	1
1. Species	3
2. Habitats	8
3. Natura 2000	10
4. Ecosystems	11
4.1 Conservation status of species per ecosystem.....	14
4.2 Conservation status of habitat types per ecosystem	19
5. Threats	22
6. Detailed table of contents	24

This document was prepared by a project team from the European Topic Centre on Biological Diversity – Sophie Condé, Jérôme Bailly-Maitre, MNHN, Amor-Torre Marin and Lawrence Jones-Walters, ECNC and the EEA, Carlos Romão (March 2011)

1. Species

Table 1.1 Species richness of selected groups in the EU-27 (Table 1.1)

Species group	EU-27	Europe*	World
Amphibians	84	85	6 000
Reptiles	141	151	8 800
Terrestrial mammals (only EU-25)	179	219	5 000
Marine mammals (only EU-25)	41	41	
Birds	453	482	9 900
Butterflies	451	482	20 000
Dragonflies	135	138	5 500

Note: * From Iceland to the Urals including the Macaronesian islands, but excluding the Anatolian region.

Source: IUCN, 2007, 2009, 2010; BirdLife, 2004.

Table 1.2 Endemism of EU native species – amphibians, reptiles, mammals, dragonflies and butterflies (Figure 1.1)

Species group	Total number of species	Number of endemic species	% of endemic species
Dragonflies	135	14	10
Butterflies	451	78	17
Terrestrial mammals (only EU-25)	179	33	18
Reptiles	141	60	43
Amphibians	84	46	55

Source: IUCN, 2007, 2009, 2010.

Table 1.3 Threat status of EU species (%) (Figure 1.2)

Group	EX	RE	CR	EN	VU	NT	LC	DD
Amphibians (EU-27)	0	0	2	6	13	18	60	1
Terrestrial mammals (EU-25)	1	0	2	3	9	11	69	5
Marine mammals (EU-25)	0	4	7	7	7	4	26	45
Reptiles (EU-27)	0	0	5	9	8	12	64	2
Butterflies (EU-27)	0	0	0	2	5	11	81	1
Dragonflies (EU-27)	0	0	2	4	10	13	69	2

Note: EX: Extinct; RE: Regionally Extinct; CR: Critically Endangered; EN: Endangered; VU: Vulnerable; NT: Near Threatened; LC: Least Concerned; DD: Data Deficient.

Source: IUCN, 2007, 2009, 2010.

Table 1.4 IUCN threat categories of several animal groups in the EU (Table 1.2)

Group/IUCN category	Threatened (EX, RE, CR, EN, VU) (%)	Data deficient (DD) (%)
Mammals – marine	25	45
Mammals – terrestrial	15	5
Birds	12	0
Amphibians	22	1
Reptiles	22	2
Dragonflies	16	2
Butterflies	7	1

Note: EX: Extinct; RE: Regionally Extinct; CR: Critically Endangered; EN: Endangered; VU: Vulnerable. The sum of “Threatened and Data Deficient figures” for each species group cannot be equal to 100% because additional information is not shown.

Source: IUCN, 2007, 2009, 2010; BirdLife, 2004.

Table 1.5 Threatened species of European interest (%) per animal group linked to ecosystem types (From the text boxes ‘Additional information’ in each ecosystem type section)

Ecosystem type	Amphibians	Reptiles	Mammals	Birds
Agro-ecosystems	0	0	25	42
Grassland ecosystems	28	12	16	23
Heath and scrub ecosystems	0	8	21	19
Forest ecosystems	8	10	27	11
Wetland ecosystems	15	25	15	16
Lake and river ecosystems	15	33	22	15
Coastal ecosystems	0	16	20	12
Marine ecosystems	0	0	15	12

Note: Here threatened means CR: Critically Endangered; EN: Endangered; VU: Vulnerable
Typology of Ecosystem types is explained in the explanatory notes.

Source: IUCN, 2007, 2009; BirdLife, 2004.

Table 1.6 Population trends (%) of European amphibians, reptiles, mammals, butterflies and dragonflies (Figure 1.3 and Figure 1.4)

Group	Increasing	Stable	Decreasing	Unknown
Amphibians (85 species including one non-EU-27)	2.4	36.1	59.1	2.4
Reptiles (151 species including 10 non-EU-27)	2.9	41.7	41.7	13.7
Mammals (260 species including 40 non-EU-27)	8	32	27	33
Butterflies (482 species including 31 non-EU-27)	4	55	31	10
Dragonflies (138 species including 3 non-EU-27)	10	54	24	12

Source: IUCN, 2007, 2009, 2010.

Table 1.7 Conservation status of species of European interest (Figure 2.4)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Species	17	30	22	31

Note: Geographical coverage: EU except Bulgaria and Romania.

Source: ETC/BD, 2008.

Table 1.8 Conservation status of species of European interest per group (Figure 2.6)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Amphibians (152)	13.8	46.0	22.4	17.8
Arthropods (336)	11.9	27.1	31.8	29.2
Fish (242)	15.7	33.5	27.7	23.1
Mammals (381)	13.4	19.95	19.95	46.7
Molluscs (81)	14.8	19.8	37.0	28.4
Non-vascular plants (92)	16.3	25.0	25.0	33.7
Reptiles (149)	16.1	26.8	14.8	42.3
Vascular plants (799)	22.4	33.8	17.0	26.8
Others (8)	0.0	12.5	0.0	87.5

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 1.9 Conservation status of species of European interest per region (Figure 2.5)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Alpine (358)	23.7	29.6	24.3	22.4
Atlantic (230)	6.5	25.2	33.1	35.2
Boreal (174)	32.2	29.9	26.4	11.5
Continental (338)	12.4	37.9	34.0	15.7
Macaronesian (171)	26.9	43.3	22.8	7.0
Mediterranean (652)	13.0	23.5	13.2	50.3
Pannonian (214)	22.4	41.6	15.0	21.0
Marine Atlantic (34)	5.9	8.8	5.9	79.4
Marine Baltic (4)	0.0	0.0	100.0	0.0
Marine Macaronesian (33)	0.0	18.2	3.0	78.8
Marine Mediterranean (32)	0.0	3.1	21.9	75.0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 1.10 Conservation status of species of European interest per ecosystem type (Figure 3.4, Figure 4.3, Figure 5.3, Figure 6.3, Figure 7.3, Figure 8.2, Figure 9.3 and Figure 10.2)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Agro-ecosystems (86)	3.5	37.2	32.6	26.7
Grassland ecosystems (431)	14.8	31.3	25.1	28.8
Heath and scrub ecosystems (293)	12.65	26.6	20.15	40.6
Forest ecosystems (477)	14.9	29.3	23.5	32.3
Wetland ecosystems (722)	14.3	33.8	29.5	22.4
Lake and river ecosystems (507)	13.0	34.3	32.0	20.7
Coastal ecosystems (183)	11.1	28.05	27.5	33.35
Marine ecosystems (121)	2.15	10.75	12.9	74.2

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets. Typology of Ecosystem types is explained in the explanatory notes.

Source: ETC/BD, 2008.

Table 1.11 Endemic species in Annex II to the Habitats Directive (Figure 2.7)

Taxonomic group	Total number of species in Annex II	Number of endemic species	% of endemic species
Lower plants	32	7	22
Vascular plants	555	484	87
Invertebrates	136	90	66
Amphibians	24	22	92
Reptiles	24	16	67
Fish, Lampreys	83	62	75
Mammals	53	22	42
All groups together	907	703	78

Source: ETC/BD, 2010.

Table 1.12 Conservation status of endemic species from Annex II to the Habitats Directive (Figure 2.8)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Non-vascular plants (9)	22.2	33.4	22.2	22.2
Vascular plants (534)	21.0	37.4	15.4	26.2
Invertebrates (161)	13.0	23.0	31.1	32.9
Fish (118)	8.5	37.3	30.5	23.7
Mammals (32)	9.4	18.7	59.4	12.5
Reptiles (21)	4.8	33.3	23.8	38.1
Amphibians (44)	13.6	54.6	22.7	9.1

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 1.13 *Number of crops and wild relatives species present in the Annexes to the Habitats Directive (Figure 2.9)*

Group	Number of non-priority species	Number of priority species
Agricultural & horticultural	268	117
Forestry	14	9
Ornamental	99	42
Medicinal & aromatic	225	105

Source: Kell et al., 2008.

2. Habitats

Table 2.1 Conservation status of habitats of European interest (Figure 2.1)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Habitats	17	28	37	18

Note: Geographical coverage: EU except Bulgaria and Romania.

Source: ETC/BD, 2008.

Table 2.2 Conservation status of habitats of European interest per region (Figure 2.2)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Alpine (106)	33.0	32.1	22.6	12.3
Atlantic (115)	0.0	17.4	56.5	26.1
Boreal (85)	12.9	42.4	40.0	4.7
Continental (143)	19.6	32.15	43.35	4.9
Macaronesian (37)	21.6	35.2	32.4	10.8
Mediterranean (141)	21.3	23.4	13.5	41.8
Pannonian (54)	11.1	18.5	66.7	3.7
Marine Atlantic (5)	0.0	0.0	40.0	60.0
Marine Baltic (5)	0.0	40.0	40.0	20.0
Marine Macaronesian (4)	50.0	25.0	0.0	25.0
Marine Mediterranean (6)	0.0	50.0	0.0	50.0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 2.3 Conservation status of habitats of European interest per main broad habitats (Figure 2.3)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Coastal and halophytic habitats (84)	9.5	29.8	35.7	25.0
Dunes habitats (62)	1.6	40.3	50.0	8.1
Freshwater habitats (84)	15.5	33.3	29.8	21.4
Heath and scrub (36)	16.7	27.7	38.9	16.7
Sclerophyllous scrub (32)	21.9	34.4	9.3	34.4
Grasslands (102)	6.8	20.6	51.0	21.6
Bogs, mires and fens (56)	7.1	30.4	55.4	7.1
Rocky habitats (64)	54.7	18.75	9.35	17.2
Forests (181)	21.0	27.6	35.4	16.0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets. These main broad habitats refer to the Annex I of the Habitats Directive which is divided into nine groups of related habitat types such as forests or grasslands.

Source: ETC/BD, 2008.

Table 2.4 Conservation status of habitats of European interest per ecosystem type (Figure 3.3, Figure 4.2, Figure 5.2, Figure 6.2, Figure 7.2, Figure 8.1, Figure 9.2 and Figure 10.1)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Agro-ecosystems (230)	7.4	26.1	49.55	16.95
Grassland ecosystems (143)	4.9	21.7	54.5	18.9
Heath and scrub ecosystems (95)	13.7	31.6	28.4	26.3
Forest ecosystems (187)	20.9	28.3	34.8	16.0
Wetland ecosystems (206)	9.7	27.7	46.1	16.5
Lake and river ecosystems (84)	15.5	33.3	29.8	21.4
Coastal ecosystems (139)	7.9	36.7	33.8	21.6
Marine ecosystems (20)	10.0	30.0	20.0	40.0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets. Typology of Ecosystem types is explained in the explanatory notes; It helps to have a broader perspective than the Annex I of Habitats. Wetland ecosystems include Lake and river ecosystems

Source: ETC/BD, 2008.

3. Natura 2000

Table 3.1 Cumulative surface area of sites designated by the Habitats (SCIs) and Birds (SPAs) Directives over time (Figure 2.10 and Figure 2.11)

Year	SCIs cumulative surface (ha)	SPAs cumulative surface (ha)
1995	0	-
1996	1 446 802	8 038 582
1997	14 590 722	11 383 879
1998	23 792 885	15 082 450
1999	33 598 019	15 567 101
2000	33 795 616	16 952 042
2001	38 179 398	17 319 979
2002	44 742 395	17 653 321
2003	45 784 279	24 533 193
2004	45 861 545	28 824 913
2005	55 219 328	41 256 430
2006	56 044 537	44 436 843
2007	64 844 105	50 128 568
2008	66 150 089	53 065 514
June 2009	68 197 514	56 060 470

Source: ETC/BD, 2010; DG ENV Natura 2000 Barometer.

Table 3.2 Surface (%) of Natura 2000, SPAs (under Birds Directive) and SCIs (under Habitats Directive) covered by ecosystem types (From the text boxes 'X Ecosystem type and Natura 2000' in each ecosystem type chapter)

Ecosystem type	Natura 2000	SPAs	SCIs
Agro-ecosystems	38	40.5	33
Regularly cultivated	17.5	20	11.5
Need extensive practice	14	14	15.5
Complex agro-ecosystems	6.5	6.5	6
Grassland ecosystems	11	12	10.5
Heath and scrub ecosystems	16	15	18
Forest ecosystems	46	43	48
Wetland ecosystems	11	12	13
Lake and river ecosystems	4	4	4
Coastal ecosystems	3	4	3.5

Source: Natura 2000, CLC 2006 for the EU except Greece and the United Kingdom (where CLC was used). Typology of Ecosystem types is explained in the explanatory notes.

It is not possible to add percentages of each column due to potential overlap between the different ecosystem types.

4. Ecosystems

Typology of Ecosystem types is explained in the explanatory notes

Table 4.1 Changes in ecosystems between 1990 and 2006 – based on Corine Land Cover (Table 1.3)

Ecosystem	Surface change (km ²)	Change (%)
Agro-ecosystems (Regularly cultivated & Mixed cultivated lands)	– 12 611	– 2.0
Agro-ecosystems (Semi-natural areas)	– 4 476	– 2.6
Grasslands (pasture)	– 2 553	– 0.9
Grasslands (natural)	– 1 795	– 2.4
Heath and scrub	+ 13 245	+ 5.9
Forests	+ 5 378	+ 0.6
Wetland (marshes/bogs)	– 1 266	– 5.0
Artificial surfaces	+ 12 535	+ 7.9

Source: Corine Land Cover, 1990, 2000, 2006.

Table 4.2 Conversion of broad ecosystems between 2000 and 2006 (Table 1.4)

Ecosystem	Causes of change
Change in agro-ecosystems: Mixed cultivated land	20 % mainly due to urban diffuse residential sprawl 31 % due to sprawl of economic sites and infrastructures
Change in agro-ecosystems: Semi-natural areas	22 % due to conversion from semi-natural land to agriculture 39 % due to forests creation and afforestation
Change in grasslands	21 % due to sprawl of economic sites and infrastructures 32 % due to arable and permanent crops
Change in forests	94 % due to recent felling and transition and forests internal conversions
Change in heath and scrub	84 % due to conversion from transitional woodland to forest
Change in wetlands	35 % due to conversion to agriculture 49 % due to forest creation and afforestation

Source: LEAC, 2000–2006.

Table 4.3 Surface area (km²) of ecosystem types in 1990, 2000 and 2006 (Table 3.1, Table 4.1, Table 5.1, Table 6.1, Table 7.1, table 8.1 and Table 9.1)

Ecosystem type	1990	2000	2006
Agro-ecosystems			
Regularly cultivated land	1 368 129	1 360 694	1 356 981
Mixed cultivated land	398 698	397 931	397 235
Semi-natural areas	173 691	170 168	169 215
Total agro-ecosystems	1 940 518	1 928 793	1 923 431
Grassland ecosystems			
Pastures	292 264	290 903	289 711
Natural grasslands	77 308	75 795	75 514
Total grassland ecosystems	369 572	366 698	365 225
Heath and scrub ecosystems			
Heath/sclerophyllous vegetation	96 383	94 373	93 701
Transitional land	116 785	121 690	132 712
Total heath and scrub ecosystems	213 168	216 063	226 413
Forest ecosystems			
Forest/transitional land	953 594	957 908	958 972
Total forest ecosystems	953 594	957 908	958 972
Wetland ecosystems			
Coastal wetlands	18 299	18 330	18 378
Marshes/bogs	26 365	25 313	25 098
Sub-total	44 664	43 643	43 476
Watercourses/bodies	34 146	35 135	35 726
Total wetland ecosystems	78 810	78 778	79 202
Lake and river ecosystems			
Total lake and river ecosystems	34 146	35 135	35 726
Coastal ecosystems			
Dunes/salt marshes/salines	5 582	5 556	5 548
Intertidal flats/coastal lagoons/estuaries	15 440	15 457	15 482
Total coastal ecosystems	21 022	21 013	21 030

Note: Geographical coverage: EU except Greece, Finland, Sweden and the United Kingdom.

Source: Corine Land Cover

Table 4.4 Changes in surface area (km² and %) of ecosystem types since 1990 (Table 3.2, Table 4.2, Table 5.2, Table 6.2, Table 7.2, Table 8.2 and Table 9.2)

Ecosystem type	1990–2000		2000–2006		1990–2006	
	km ²	%	km ²	%	km ²	%
Agro-ecosystems						
Regularly cultivated land	– 7 435	– 0.5	– 3 713	– 0.3	– 11 148	– 0.8
Mixed cultivated land	– 767	– 0.2	– 696	– 0.2	– 1 463	– 0.4
Semi-natural areas	– 3 523	– 2.1	– 953	– 0.6	– 4 476	– 2.6
Total agro-ecosystems	– 11 725	– 0.6	– 5 362	– 0.3	– 17 087	– 0.9
Grassland ecosystems						
Pastures	– 1 361	– 0.5	– 1 192	– 0.4	– 2 553	– 0.9
Natural grasslands	– 1 514	– 2.0	– 281	– 0.4	– 1 795	– 2.4
Total grassland ecosystems	– 2 875	– 0.8	– 1 473	– 0.4	– 4 348	– 1.2
Heath and scrub ecosystems						
Heath/sclerophyllous vegetation	– 2 010	– 2.1	– 672	– 0.7	– 2 682	– 2.9
Transitional land	4 905	4.0	11 022	8.3	15 927	12.0
Total heath and scrub ecosystems	2 895	1.3	10 350	4.6	13 245	5.9
Forest ecosystems						
Forest/transitional land	4 315	0.5	1 063	0.1	5 378	0.6
Total forest ecosystems	4 315	0.5	1 063	0.1	5 378	0.6
Wetland ecosystems						
Coastal wetlands	31	0.2	49	0.3	80	0.4
Marshes/bogs	– 1 052	– 4.2	– 215	– 0.9	– 1 267	– 5.0
Sub-total	– 1 021	– 2.3	– 166	– 0.4	– 1 187	– 2.7
Watercourses/bodies	989	2.8	592	1.7	1 581	4.4
Total wetland ecosystems	– 32	– 0.0	426	0.5	394	0.5
Lake and river ecosystems						
Total lake and river ecosystems	989	2.8	591	1.7	1 581	4.4
Coastal ecosystems						
Dunes/salt marshes/salines	– 25	– 0.5	– 8	– 0.2	– 34	– 0.6
Intertidal flats/coastal lagoons/estuaries	17	0.1	26	0.2	43	0.3
Total coastal ecosystems	– 8	– 0.0	18	0.1	9	0.0

Note: Geographical coverage: EU except Greece, Finland, Sweden and the United Kingdom.**Source:** Corine Land Cover

4.1 Conservation status of species per ecosystem

Table 4.5 Conservation status of species of European interest in agro-ecosystems (Figure 3.4)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Agro-ecosystems	3.5	37.2	32.6	26.7
Alpine (19)	0.0	36.85	36.85	26.3
Atlantic (11)	0.0	45.4	36.4	18.2
Boreal (7)	28.55	42.85	14.3	14.3
Continental (19)	0.0	26.3	52.6	21.1
Macaronesian (1)	0.0	0.0	100.0	0.0
Mediterranean (15)	0.0	13.3	20.0	66.7
Pannonian (14)	7.15	71.4	14.3	7.15

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.6 Conservation status of species of European interest in agro-ecosystems per group (Figure 3.5)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Agro-ecosystems				
Amphibians (10)	0.0	60.0	30.0	10.0
Invertebrates (36)	5.6	36.1	38.9	19.4
Mammals (29)	3.5	34.5	24.1	37.9
Plants (11)	0.0	27.3	36.35	36.35

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.7 Conservation status of species of European interest in grassland ecosystems (Figure 4.3)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Grassland ecosystems	14.8	31.3	25.1	28.8
Alpine (92)	19.6	37.0	30.4	13.0
Atlantic (43)	7.0	23.3	30.2	39.5
Boreal (24)	16.7	20.8	45.8	16.7
Continental (76)	7.9	43.4	34.2	14.5
Macaronesian (15)	40.0	6.7	33.3	20.0
Mediterranean (111)	12.6	18.0	9.0	60.4
Pannonian (70)	18.6	45.7	21.4	14.3

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.8 Conservation status of species of European interest in grassland ecosystems per group (Figure 4.4)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Grassland ecosystems				
Amphibians (23)	4.3	52.2	34.8	8.7
Invertebrates (133)	9.8	26.3	33.8	30.1
Mammals (56)	8.9	28.6	32.1	30.4
Plants (168)	22.0	35.1	17.3	25.6
Reptiles (51)	15.7	25.5	15.7	43.1

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.9 Conservation status of species of European interest in heath and scrub ecosystems (Figure 5.3)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Heath and scrub ecosystems				
	12.65	26.66	20.15	40.6
Alpine (38)	10.5	31.6	23.7	34.2
Atlantic (30)	10.0	20.0	26.7	43.3
Boreal (16)	25.0	31.25	25.0	18.75
Continental (35)	5.7	37.2	25.7	31.4
Macaronesian (35)	37.1	40.0	22.9	0.0
Mediterranean (111)	7.2	18.9	13.5	60.4
Pannonian (28)	10.7	25.0	21.4	42.9

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.10 Conservation status of species of European interest in heath and scrub ecosystems per group (Figure 5.4)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Heath and scrub ecosystems				
Amphibians (12)	0.0	16.7	33.3	50.0
Invertebrates (70)	10.0	21.4	21.4	47.2
Mammals (88)	12.5	21.6	23.9	42.0
Plants (72)	15.3	36.1	20.8	27.8
Reptiles (51)	15.7	31.4	7.8	45.1

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.11 Conservation status of species of European interest in forest ecosystems (Figure 6.3)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Forest ecosystems	14.9	29.3	23.5	32.3
Alpine (88)	15.9	22.7	25.0	36.4
Atlantic (53)	1.9	24.5	28.3	45.3
Boreal (64)	28.1	31.2	26.6	14.1
Continental (79)	5.1	41.8	31.6	21.5
Macaronesian (39)	41.0	33.3	23.1	2.6
Mediterranean (94)	8.5	18.1	16.0	57.4
Pannonian (60)	16.7	40.0	15.0	28.3

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.12 Conservation status of species of European interest in forest ecosystems per group (Figure 6.4)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Forest ecosystems				
Amphibians (76)	7.9	43.4	32.9	15.8
Invertebrates (117)	10.25	26.5	26.5	36.75
Mammals (166)	13.2	21.1	19.9	45.8
Plants (103)	28.15	34.95	22.3	14.6
Reptiles (15)	13.3	33.3	0.0	53.4

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.13 Conservation status of species of European interest in wetland ecosystems (Figure 7.3)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Wetland ecosystems	14.3	33.8	29.5	22.4
Alpine (129)	13.2	37.2	28.7	20.9
Atlantic (108)	3.7	25.0	45.4	25.9
Boreal (76)	34.2	29.0	26.3	10.5
Continental (154)	5.8	42.9	39.0	12.3
Macaronesian (4)	0.0	100.0	0.0	0.0
Mediterranean (167)	12.0	26.9	22.8	38.3
Pannonian (84)	32.15	38.1	10.7	19.05

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.14 Conservation status of species of European interest in wetland ecosystems per group (Figure 7.4)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Wetland ecosystems				
Amphibians (130)	11.5	44.6	26.2	17.7
Fish (171)	14.0	36.8	28.7	20.5
Invertebrates (168)	16.65	26.2	38.7	18.45
Mammals (88)	11.4	27.3	19.3	42.0
Plants (145)	16.55	33.8	29.65	20.0
Reptiles (20)	10.0	30.0	25.0	35.0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.15 Conservation status of species of European interest in lake and river ecosystems (Figure 8.2)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Lake and river ecosystems	13.0	34.3	32.0	20.7
Alpine (90)	6.7	38.9	33.3	21.1
Atlantic (75)	4.0	25.3	48.0	22.7
Boreal (46)	32.6	28.3	23.9	15.2
Continental (112)	5.3	42.0	42.0	10.7
Macaronesian (2)	0.0	50.0	50.0	0.0
Pannonian (57)	33.3	36.9	10.5	19.3
Mediterranean (125)	13.6	30.4	24.8	31.2

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.16 Conservation status of species of European interest in lake and river ecosystems per group (Figure 8.3)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Lake and river ecosystems				
Amphibians (127)	11.0	45.7	26.0	17.3
Fish (187)	12.8	33.7	28.4	25.1
Invertebrates (107)	15.0	22.4	43.9	18.7
Mammals (45)	17.8	26.7	22.2	33.3
Plants (34)	5.9	35.3	41.2	17.6
Reptiles (19)	10.5	26.3	26.3	36.9

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.17 Conservation status of species of European interest in coastal ecosystems (Figure 9.3)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Coastal ecosystems	11.1	28.05	27.5	33.35
Atlantic (15)	0.0	26.7	53.3	20.0
Boreal (8)	12.5	25.0	50.0	12.5
Continental (16)	12.5	43.75	31.25	12.5
Macaronesian (28)	17.9	35.7	25.0	21.4
Mediterranean (85)	13.0	28.2	23.5	35.3
Marine Atlantic (14)	14.3	14.3	0.0	71.4
Marine Baltic (4)	0.0	0.0	100.0	0.0
Marine Macaronesian (6)	0.0	50.0	16.7	33.3
Marine Mediterranean (13)	0.0	7.7	23.1	69.2

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.18 Conservation status of species of European interest in coastal ecosystems per group (Figure 9.4)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Coastal ecosystems				
Fish (41)	2.4	22.0	36.6	39.0
Invertebrates (16)	6.25	18.75	43.75	31.25
Mammals (14)	14.3	21.4	35.7	28.6
Plants (96)	13.5	35.4	19.8	31.3
Reptiles (22)	18.2	18.2	27.25	36.35

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.19 Conservation status of species of European interest in marine ecosystems (Figure 10.2)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Marine ecosystems	2.15	10.75	12.9	74.2
Atlantic (7)	14.3	14.3	71.4	0.0
Boreal (4)	25.0	25.0	25.0	25.0
Continental (8)	0.0	25.0	62.5	12.5
Mediterranean (9)	0.0	33.35	44.45	22.2
Marine Atlantic (32)	6.2	9.4	0.0	84.4
Marine Baltic (4)	0.0	0.0	100.0	0.0
Marine Macaronesian (29)	0.0	20.7	3.4	75.9
Marine Mediterranean (28)	0.0	3.6	25.0	71.4

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.20 Conservation status of species of European interest in marine ecosystems per group (Figure 10.3)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Marine ecosystems				
Fish (39)	5.1	18.0	35.9	41.0
Invertebrates (6)	0.0	0.0	33.3	66.7
Mammals (64)	3.1	10.95	12.5	73.45
Reptiles (12)	0.0	25.0	25.0	50.0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

4.2 Conservation status of habitat types per ecosystem

Table 4.21 Conservation status of habitat types of European interest in agro-ecosystems (Figure 3.3)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Agro-ecosystems				
Alpine (32)	12.5	34.4	34.4	18.7
Atlantic (44)	0.0	15.9	65.9	18.2
Boreal (32)	6.25	31.25	59.4	3.1
Continental (52)	13.5	26.9	53.8	5.8
Macaronesian (8)	25.0	50.0	25.0	0.0
Mediterranean (38)	2.6	29.0	15.8	52.6
Pannonian (24)	4.2	12.5	79.1	4.2

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.22 Conservation status of habitat types of European interest in grassland ecosystems (Figure 4.2)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Grassland ecosystems				
Alpine (19)	5.3	36.8	31.6	26.3
Atlantic (25)	0.0	12.0	72.0	16.0
Boreal (18)	5.6	11.1	83.3	0.0
Continental (34)	8.8	29.4	53.0	8.8
Macaronesian (4)	0.0	25.0	75.0	0.0
Mediterranean (26)	7.7	26.9	11.55	53.85
Pannonian (17)	0.0	5.9	88.2	5.9

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.23 Conservation status of habitat types of European interest in heath and scrub ecosystems (Figure 5.2)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Heath and scrub ecosystems	13.7	31.6	28.4	26.3
Alpine (11)	36.35	36.35	18.2	9.1
Atlantic (21)	0.0	14.3	42.85	42.85
Boreal (7)	14.3	28.6	42.8	14.3
Continental (23)	21.75	43.5	30.4	4.35
Macaronesian (5)	20.0	40.0	40.0	0.0
Mediterranean (25)	8.0	32.0	8.0	52.0
Pannonian (3)	0.0	33.3	66.7	0.0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.24 Conservation status of habitat types of European interest in forest ecosystems (Figure 6.2)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Forest ecosystems	20.9	28.3	34.8	16.0
Alpine (37)	29.75	40.55	16.2	13.5
Atlantic (26)	0.0	19.2	42.3	38.5
Boreal (18)	0.0	44.4	55.6	0.0
Continental (37)	18.9	35.15	43.25	2.7
Macaronesian (7)	0.0	28.6	71.4	0.0
Mediterranean (46)	43.5	19.6	6.5	30.4
Pannonian (16)	6.25	6.25	87.5	0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.25 Conservation status of habitat types of European interest in wetland ecosystems (Figure 7.2)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Wetland ecosystems	9.7	27.7	46.1	16.5
Alpine (37)	29.75	27.0	37.85	5.4
Atlantic (34)	0.0	14.7	70.6	14.7
Boreal (29)	3.45	58.6	27.6	10.35
Continental (39)	7.7	23.1	61.5	7.7
Macaronesian (14)	21.4	35.7	28.6	14.3
Mediterranean (33)	3.0	15.2	27.3	54.5
Pannonian (20)	5.0	30.0	60.0	5.0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets. Wetland ecosystems include Lake and river ecosystems

Source: ETC/BD, 2008.

Table 4.26 Conservation status of habitat types of European interest in lake and river ecosystems (Figure 8.1)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Lake and river ecosystems	15.5	33.3	29.8	21.4
Alpine (16)	43.75	31.25	18.75	6.25
Atlantic (13)	0.0	15.4	53.8	30.8
Boreal (11)	9.1	54.5	18.2	18.2
Continental (18)	16.7	33.3	50.0	0.0
Macaronesian (5)	40.0	40.0	0.0	20.0
Mediterranean (15)	0.0	26.7	13.3	60.0
Pannonian (6)	0.0	50.0	33.3	16.7

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.27 Conservation status of habitat types of European interest in coastal ecosystems (Figure 9.2)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Coastal ecosystems	7.9	36.7	33.8	21.6
Atlantic (28)	0.0	25.0	50.0	25.0
Boreal (20)	15.0	65.0	20.0	0.0
Continental (30)	13.3	30.0	40.0	16.7
Macaronesian (11)	9.1	27.25	45.45	18.2
Mediterranean (33)	3.0	39.4	27.3	30.3
Marine Atlantic (4)	0.0	0.0	50.0	50.0
Marine Baltic (4)	0.0	50.0	25.0	25.0
Marine Macaronesian (4)	50.0	25.0	0.0	25.0
Marine Mediterranean (5)	0.0	60.0	0.0	40.0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

Table 4.28 Conservation status of habitat types of European interest in marine ecosystems (Figure 10.1)

Conservation status	Favourable (%)	Unfavourable – inadequate (%)	Unfavourable – bad (%)	Unknown (%)
Marine ecosystems	10.0	30.0	20.0	40.0
Marine Atlantic (5)	0.0	0.0	40.0	60.0
Marine Baltic (5)	0.0	40.0	40.0	20.0
Marine Macaronesian (4)	50.0	25.0	0.0	25.0
Marine Mediterranean (6)	0.0	50.0	0.0	50.0

Note: Geographical coverage: EU except Bulgaria and Romania; number of assessments in brackets.

Source: ETC/BD, 2008.

5. Threats

5.1 Causes of loss of ecosystem types between 2000 and 2006 (Figure 3.1, Figure 3.2, Figure 4.1, Figure 5.1, Figure 6.1, Figure 7.1, Figure 9.1)

Ecosystem type	Main causes of loss
Mixed cultivated land	31 % due to sprawl of economic sites and infrastructures 23 % due to withdrawal of farming 20 % due to urban residential sprawl 16 % due to agriculture internal conversions
Semi-natural areas	39 % due to forest creation and afforestation 22 % due to conversion from natural land to agriculture 20 % due to changes of land cover due to natural and multiple causes 15 % due to sprawl of economic sites and infrastructures
Grasslands	32 % due to conversion from pasture to arable and permanent crops 21 % due to sprawl of economic sites and infrastructures 17 % due to withdrawal of farming 9 % due to urban residential sprawl
Heath and scrub	84 % due to conversion from transitional woodland to forest 6 % due to changes of land cover due to natural and multiple causes 5 % due to conversion from forested and natural land to agriculture
Forest areas and transitional woodland shrubs	94 % due to recent felling and transition and forests internal conversions
Wetlands	49 % due to forests creation and management 35 % due to conversion from forested and natural land to agriculture 12 % due to changes of land cover due to natural and multiple causes
Coastal ecosystems	64 % due mainly to coastal erosion 16 % due to sprawl of economic sites and infrastructures 9 % due to forest creation and management 7 % due to water bodies creation and management

Note: Geographical coverage: EU except Greece and the United Kingdom

Source: Corine Land Cover.

5.2 CLC changes between 1990 and 2006 (surface and percentage of total area of each habitat/land class) (Figure 11.3 and Figure 11.4)

Ecosystem	Surface change (km ²)	Change (%)
Agro-ecosystems	– 17 087	– 0.9
Grasslands	– 4 347	– 1.2
Heath and scrub	+ 13 245	+ 5.9
Forest ecosystems	+ 5 378	+ 0.6
Wetland ecosystems	– 1 187	– 2.7
Lakes and rivers	+ 1 581	+ 4.4
Coastal ecosystems	+ 9	+ 0.0
Artificial surfaces	+ 12 535	+ 7.9

Note: Geographical coverage: EU-27 except Greece, Finland, Sweden and the United Kingdom.

Source: EEA, 2010.

5.3 Main impacts on threatened and non-threatened species at EU level (Figure 11.1)

Pressure	Threatened species (%)	Non-threatened species (%)
Habitat change	69.6	32.0
Pollution	39.2	18.2
Overexploitation	29.6	5.5
Invasive alien species	22.4	6.8

Source: IUCN, 2007, 2009, 2010.

5.4 Impact of different pressures on species at EU level: percentage of non-threatened (NT) and threatened (T) impacted species (Figure 11.2, Figure 11.6, Figure 11.11, and Figure 11.13)

Species	Habitat change		Pollution		Over-exploitation		Invasive alien species	
	T	NT	T	NT	T	NT	T	NT
All	69.6	32.0	39.2	18.2	29.6	5.5	22.4	6.8
Dragonflies	95.5	46.4	72.7	33.9	0.0	0.0	9.1	0.0
Butterflies	100.0	9.8	36.7	1.3	0.0	0.0	26.7	0.8
Marine mammals	16.7	5.0	66.7	80.0	66.7	40.0	16.7	0.0
Terrestrial mammals	44.0	24.3	16.0	9.7	12.0	4.9	20.0	6.3
Reptiles	45.8	54.6	29.2	11.3	37.5	14.4	33.3	8.2
Amphibians	72.2	82.8	38.9	75.0	27.8	17.2	22.2	45.3

Source: IUCN, 2007, 2009, 2010.

6. Detailed table of contents

EU Baseline Glossary and short compendium	1
1. Species	3
Table 1.1 Species richness of selected groups in the EU-27 (Table 1.1).....	3
Table 1.2 Endemism of EU native species – amphibians, reptiles, mammals, dragonflies and butterflies (Figure 1.1)	3
Table 1.3 Threat status of EU species (%) (Figure 1.2)	3
Table 1.4 IUCN threat categories of several animal groups in the EU (Table 1.2)	4
Table 1.5 Threatened species of European interest (%) per animal group linked to ecosystem types (From the text boxes ‘Additional information’ in each ecosystem type section)	4
Table 1.6 Population trends (%) of European amphibians, reptiles, mammals, butterflies and dragonflies (Figure 1.3 and Figure 1.4).....	4
Table 1.7 Conservation status of species of European interest (Figure 2.4).....	5
Table 1.8 Conservation status of species of European interest per group (Figure 2.6)	5
Table 1.9 Conservation status of species of European interest per region (Figure 2.5).....	5
Table 1.10 Conservation status of species of European interest per ecosystem type (Figure 3.4, Figure 4.3, Figure 5.3, Figure 6.3, Figure 7.3, Figure 8.2, Figure 9.3 and Figure 10.2)	6
Table 1.11 Endemic species in Annex II to the Habitats Directive (Figure 2.7)	6
Table 1.12 Conservation status of endemic species from Annex II to the Habitats Directive (Figure 2.8)	6
Table 1.13 Number of crops and wild relatives species present in the Annexes to the Habitats Directive (Figure 2.9).....	7
2. Habitats	8
Table 2.1 Conservation status of habitats of European interest (Figure 2.1).....	8
Table 2.2 Conservation status of habitats of European interest per region (Figure 2.2).....	8
Table 2.3 Conservation status of habitats of European interest per main broad habitats (Figure 2.3)	8
Table 2.4 Conservation status of habitats of European interest per ecosystem type (Figure 3.3, Figure 4.2, Figure 5.2, Figure 6.2, Figure 7.2, Figure 8.1, Figure 9.2 and Figure 10.1)	9
3. Natura 2000	10
Table 3.1 Cumulative surface area of sites designated by the Habitats (SCIs) and Birds (SPAs) Directives over time (Figure 2.10 and Figure 2.11)	10
Table 3.2 Surface (%) of Natura 2000, SPAs (under Birds Directive) and SCIs (under Habitats Directive) covered by ecosystem types (From the text boxes ‘X Ecosystem type and Natura 2000’ in each ecosystem type chapter).....	10
4. Ecosystems	11
Table 4.1 Changes in ecosystems between 1990 and 2006 – based on Corine Land Cover (Table 1.3)	11
Table 4.2 Conversion of broad ecosystems between 2000 and 2006 (Table 1.4).....	11
Table 4.3 Surface area (km ²) of ecosystem types in 1990, 2000 and 2006 (Table 3.1, Table 4.1, Table 5.1, Table 6.1, Table 7.1, table 8.1 and Table 9.1).....	12
Table 4.4 Changes in surface area (km ² and %) of ecosystem types since 1990 (Table 3.2, Table 4.2, Table 5.2, Table 6.2, Table 7.2, Table 8.2 and Table 9.2).....	13
4.1 Conservation status of species per ecosystem.....	14
Table 4.5 Conservation status of species of European interest in agro-ecosystems (Figure 3.4)	14
Table 4.6 Conservation status of species of European interest in agro-ecosystems per group (Figure 3.5)	14

Table 4.7 Conservation status of species of European interest in grassland ecosystems (Figure 4.3)	14
Table 4.8 Conservation status of species of European interest in grassland ecosystems per group (Figure 4.4)	15
Table 4.9 Conservation status of species of European interest in heath and scrub ecosystems (Figure 5.3)	15
Table 4.10 Conservation status of species of European interest in heath and scrub ecosystems per group (Figure 5.4)	15
Table 4.11 Conservation status of species of European interest in forest ecosystems (Figure 6.3)	16
Table 4.12 Conservation status of species of European interest in forest ecosystems per group (Figure 6.4)	16
Table 4.13 Conservation status of species of European interest in wetland ecosystems (Figure 7.3)	16
Table 4.14 Conservation status of species of European interest in wetland ecosystems per group (Figure 7.4)	17
Table 4.15 Conservation status of species of European interest in lake and river ecosystems (Figure 8.2)	17
Table 4.16 Conservation status of species of European interest in lake and river ecosystems per group (Figure 8.3)	17
Table 4.17 Conservation status of species of European interest in coastal ecosystems (Figure 9.3)	18
Table 4.18 Conservation status of species of European interest in coastal ecosystems per group (Figure 9.4)	18
Table 4.19 Conservation status of species of European interest in marine ecosystems (Figure 10.2)	18
Table 4.20 Conservation status of species of European interest in marine ecosystems per group (Figure 10.3)	19
4.2 Conservation status of habitat types per ecosystem	19
Table 4.21 Conservation status of habitat types of European interest in agro-ecosystems (Figure 3.3)	19
Table 4.22 Conservation status of habitat types of European interest in grassland ecosystems (Figure 4.2)	19
Table 4.23 Conservation status of habitat types of European interest in heath and scrub ecosystems (Figure 5.2)	20
Table 4.24 Conservation status of habitat types of European interest in forest ecosystems (Figure 6.2)	20
Table 4.25 Conservation status of habitat types of European interest in wetland ecosystems (Figure 7.2)	20
Table 4.26 Conservation status of habitat types of European interest in lake and river ecosystems (Figure 8.1)	21
Table 4.27 Conservation status of habitat types of European interest in coastal ecosystems (Figure 9.2)	21
Table 4.28 Conservation status of habitat types of European interest in marine ecosystems (Figure 10.1)	21
5. Threats	22
5.1 Causes of loss of ecosystem types between 2000 and 2006 (Figure 3.1, Figure 3.2, Figure 4.1, Figure 5.1, Figure 6.1, Figure 7.1, Figure 9.1)	22
5.2 CLC changes between 1990 and 2006 (surface and percentage of total area of each habitat/land class) (Figure 11.3 and Figure 11.4)	22
5.3 Main impacts on threatened and non-threatened species at EU level (Figure 11.1)	23
5.4 Impact of different pressures on species at EU level: percentage of non-threatened (NT) and threatened (T) impacted species (Figure 11.2, Figure 11.6, Figure 11.11, and Figure 11.13)	23