

# HABITATS DIRECTIVE ARTICLE 17 REPORT (2001 – 2006)

# OVERVIEW OF BIOGEOGRAPHICAL ASSESSMENTS

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ETC/BD, Paris, 2008

# **OVERVIEW OF BIOGEOGRAPHICAL ASSESSMENTS**

The following pages give the conservation status for each species & habitat type in the different biogeographic (including marine) regions where they occur, together with an indication of the method used by the ETC/BD to assess the conservation status. Additional information is available from the Article 17 web tool.

Species are listed by alphabetical order within each group. Habitat types are listed according to their code within each category.

#### Legend to the colours giving conservation status

FV - Favourable
U1 – Unfavourable-inadequate
U2 – Unfavourable-bad
XX - Unknown
XU – Unknown but not favourable
No assessment done

Legend to the methods and weights used to assess conservation status:

- The number corresponds to the method used:
  - o 1 Method 1
  - o 2 Method 2
  - o 3 Method 3
- Two letters to indicate origin of data for the weight
  - o X Data from the XML file (non-spatial data) provided by the Member State
  - o G Data from the GML file (spatial data) recalculated by the ETC/BD
- Five letters to indicate type of data used to weight
  - o R Range
  - o P Population size
  - o H Surface area of habitat of the species
  - o A Surface area of habitat type
  - o D Distribution area
- Code 'M00' indicates (i) that the national assessment was taken also as the biogeographical assessment since the species/habitat was restricted to that biogeographical region in a single Member State or (ii) that assessments from concerned Member States were identical for that biogeographical region.

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### **AMPHIBIANS & REPTILES**

<b>O</b> manian						Reg	jions				
Species	ALP	ATL	BOR	сои	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Ablepharus kitaibelii					·	2GD	2GD				
Algyroides fitzingeri						2GD					
Algyroides marchi						M00					
Algyroides moreoticus						M00					
Algyroides nigropunctatus				2GD		M00					
Alytes cisternasii						2GD					
Alytes muletensis*						1					
Alytes obstetricans	2GD	2GD		2GD		2GD					
Bombina bombina	M00	M00	MO	2GD		M00	2GD				
Bombina variegata	2GD	2GD		2GD		2GD	2GD				
Bufo calamita	2XR	2GD	2GD	2GD		2GD					
Bufo viridis	2GD	M00	2GD	2GD		2GD	2GD				
Caretta caretta*								2GD		2XR	3GD
Chalcides bedriagai		2GD				2GD					
Chalcides ocellatus						2XR					
Chalcides sexlineatus					M00						
Chalcides simonyi					2XR						
Chalcides viridianus					M00						
Chamaeleo chamaeleon						2GD					
Chelonia mydas*								2GD		2GR	2GR
Chioglossa lusitanica		2GD				2GD					
Coluber caspius						M00	M00				
Coluber cypriensis*						M00					
Coluber hippocrepis		M00				2GD					
Coluber jugularis						2GD					
Coluber laurenti				M00							
Coluber najadum						M00					
Coluber nummifer						2GD					
Coluber viridiflavus	2GD	2GD		2GD		2GD					
Coronella austriaca	2GD	2GD	2GD	2GD		2GD	2GD				
Cyrtopodion kotschyi						2GD					

#### Amphibians & Reptiles (continued)

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Dermochelys coriacea								2GD		2GD	3GR
Discoglossus galganoi		2GD				2GD					
Discoglossus montalentii						M00					
Discoglossus pictus						2GD					
Discoglossus sardus						MO					
Eirenis modesta						M00					
Elaphe longissima	2GD	2GD		2GD		2GD	2GD				
Elaphe quatuorlineata	M00			2GD		2GD					
Elaphe sauromates previously part of Elaphe quatuorlineata						M00					
Elaphe situla						2XR					
Emys orbicularis	2GD	2GD	2GD	2GD		2GD	2GD				
Eretmochelys imbricata								M00		M00	1
Eryx jaculus						M00					1
Euproctus asper	2GD	M00				M00					
Euproctus montanus						M00					
Euproctus platycephalus						M00					
Gallotia atlantica					M00						
Gallotia galloti					M00						
Gallotia galloti insulanagae	]				M00						
Gallotia simonyi*	]				M00						
Gallotia stehlini	]				M00						
Hydromantes ambrosii	]					M00					
Hydromantes flavus	]					M00					
Hydromantes genei	]					M00					
Hydromantes imperialis	]					M00					
Hydromantes strinatii	мо			M00		2GD					
Hydromantes supramontis	]					M00					
Hyla arborea	2GD	2GD	2GD	2GD		2GD	2GD				
Hyla meridionalis	MO	2GD		M00		2GD					
Hyla sarda	]					2GD					
Lacerta agilis	2GD	2GD	2GD	2GD		2GD	2GD				
Lacerta anatolica previously part of L. danfordi						M00					
Lacerta bedriagae						2GD					
Lacerta bonnali	2GD										
Lacerta dugesi					M00						
Lacerta graeca	]					M00					
Lacerta horvathi	2GD										
Lacerta monticola		M00				2GD					

#### Amphibians & Reptiles (continued)

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Lacerta oertzeni previously part of L. danfordi						M00					
Lacerta schreiberi	]	2GD				2GD					
Lacerta trilineata	]					M00					
Lacerta viridis including L. bilineata	2GD	моо		2GD		2GD	2GD				
Lacerta vivipara pannonica							MO				
Lepidochelys kempii								M00			
Macrovipera schweizeri*						M00					
Mauremys caspica						2GD					
Mauremys leprosa		2GD				2GD					
Mertensiella luschani						M00					
Natrix natrix cetti	7					M00					
Natrix natrix corsa	1					M00					
Natrix natrix cypriaca*	1					M00					
Natrix tessellata	2GD			2GD		2GD	2GD				
Ophiomorus punctatissimus	1					M00					
Ophisaurus apodus	1					M00					
Ophisops elegans	1					2GD					
Pelobates cultripes	моо	2GD				2GD					
Pelobates fuscus	2GD	2GD	2XP	2GD			2GD				
Pelobates fuscus insubricus*	M00			M00							
Pelobates syriacus	]					M00					
Phyllodactylus europaeus	]					2GD					
Podarcis erhardii						M00					
Podarcis filfolensis	]					2XR					
Podarcis hispanica atrata	7					M00					
Podarcis lilfordi	1					M00					
Podarcis melisellensis	7			2GD							
Podarcis milensis	]					M00					
Podarcis muralis	2GD	2GD		2GD		2GD	2GD				
Podarcis peloponnesiaca	7					M00					
Podarcis pityusensis	1					M00					
Podarcis sicula	моо			2GD		2GD					
Podarcis taurica	1					M00	M00				
Podarcis tiliguerta	1					2GD					
Podarcis wagleriana	1	ĺ				M00					
Proteus anguinus*	M00			2GD							
Rana arvalis	2XR	2GD	2GD	2XR			2GD				
Rana dalmatina	2GD	2GD	M00	2GD		2GD	2GD				

#### Amphibians & Reptiles (continued)

Rana esculenta f Rana graeca Rana iberica	ALP 2GD	ATL 2GD	BOR	CON	MAC	MED	PAN	MATL		nan c a c	
Rana graeca Rana iberica	2GD	2GD	000				1 100	WATL	MBAL	MMAC	MMED
Rana iberica			2GD	2XR		2GD	2GD				
						M00					
		2GD				2GD					
Rana italica	M00			M00		M00					
Rana latastei	M00			2GD							
Rana lessonae	2GD	2GD	2GD	2GD		M00	2GD				
Rana perezi	MO	2GD				2GD					
Rana ridibunda	2GD	2GR	2XP	2GD		2GD	2GD				
Rana temporaria	2GD	2GD	2GD	2XR		2GD	2GD				
Salamandra atra	2GD			M00							
Salamandra atra aurorae*	M00										
Salamandra lanzai	2GD										
Salamandrina terdigitata	моо			M00		M00					
Speleomantes italicus previously part of H. strinatii	м00			M00		M00					
Stellio stellio						M00					
Farentola angustimentalis					M00						
Farentola boettgeri					2XR						
Farentola delalandii					M00						
larentola gomerensis					M00						
Felescopus fallax				2GD		2GD					
Festudo graeca						2GD					
Festudo hermanni				M00		2GD					
Festudo marginata						2GD					
Friturus carnifex	2GD			2GD		2GD	2GD				
Friturus cristatus	2GD	2GD	2GD	2GD		M00	2GD				
Friturus dobrogicus	M00			M00			2GD				
Friturus italicus	моо			M00		M00					
Friturus karelinii						M00					
Friturus marmoratus	2GD	2GD		M00		2GD					
Friturus montandoni	2GD			2GD							
/ipera ammodytes	2GD			2GD		M00					
/ipera seoanei		2GD				M00					
/ipera ursinii except Vipera ursinii rakosiensis	2GD			M00		2GD					
/ipera ursinii rakosiensis*							M00				
/ipera xanthina						M00					

### FISH

Species						Regi	ons				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Acipenser naccarii*				M00		1					1
Acipenser oxyrinchus*				M00							
Acipenser ruthenus	1			M00			2GD				
Acipenser stellatus						M00					
Acipenser sturio*		M00		M00		2GD		1			1
Alburnus albidus				2GD		1					
Alosa agone	M00										
Alosa alosa		2XR		2GD		M00		3GD			3XR
Alosa fallax		2GD	2GD	2GD		2GD		3GD			MO
Alosa killarnensis		M00									
Alosa macedonica						1					
Alosa vistonica						1					
Anaecypris hispanica						2GD					
Aphanius fasciatus				2XP		2GD					2GD
Aphanius iberus						M00					
Aspius aspius	2GD	M00	2GD	2GD		M00	MO				
Barbus albanicus						M00					
Barbus barbus	2GD	2GD	M00	2GD		M00	2GD				
Barbus bocagei		2GD				2GD					
Barbus comizo						2GD					
Barbus cyclolepis	M00			M00							
Barbus graecus						1					
Barbus graellsii	M00	M00				M00					
Barbus guiraonis						M00					
Barbus macedonicus						M00					
Barbus meridionalis	2GD	M00		2GD		2GD	2GD				
Barbus microcephalus						1					
Barbus peloponnesius	M00			M00							
Barbus plebejus	2XP	M00		1		1					
Barbus sclateri						2GD					
Barbus steindachneri						M00					

#### Fish (continued)

	Regions										
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Chalcalburnus chalcoides	2XR			2GD		M00					
Chondrostoma almacai part of C. lusitanicum						M00					
Chondrostoma duriense part of C. polylepis		M00				M00					
Chondrostoma genei	M00			2GD		M00					
Chondrostoma lusitanicum						M00					
Chondrostoma polylepis		M00				2GD					
Chondrostoma soetta	M00			M00							
Chondrostoma toxostoma	M00	2GD		M00		2GD					
Chondrostoma willkommii						M00					
Cobitis elongata	M00			M00							
Cobitis taenia	2GD	2GD	2GD	2GD		1	2GD				
Cobitis trichonica						M00					
Coregonus albula		M00	2GD	2GD							
Coregonus autumnalis autumnalis		M00									
Coregonus fontanae				M00							
Coregonus lavaretus	2GD	2GD	2GD	2GD							
Coregonus lucinensis				M00							
Coregonus maraena				M00		7		iri ili			
Coregonus oxyrhynchus*		M00									
Coregonus spp.	1			1							
Cottus gobio	2GD	2GD	2GD	1		2GD	2GD				
Cottus petiti						M00					
Eudontomyzon danfordi	M00						M00				
Eudontomyzon hellenicus						1					
Eudontomyzon mariae	2XP			2XP			M00				
Eudontomyzon spp.							M00				
Gobio albipinnatus	2XP			2GD			2GD				
Gobio kessleri	2GD			2GD			2GD				
Gobio uranoscopus	2GD			2GD			MO				
Gymnocephalus baloni				2GD			2GD				
Gymnocephalus schraetzer	М00			2GD			2GD				
Hucho hucho	2GD			2GD			2GD				
Iberocypris palaciosi						M00					
Knipowitschia panizzae				M00		M00					
Ladigesocypris ghigii*						M00				ĺ	
Lampetra fluviatilis		2GD	1	2GD		2GD		1		İ	1
Lampetra planeri	2GD	2GD	MO	2GD		2GD					
Lethenteron zanandreai	M00			2GD							

#### Fish (continued)

						Regi	ons				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Leuciscus lucumonis				M00		M00					
Leuciscus pleurobipunctatus						M00					
Leuciscus souffia	2GD			2GD		2GD					
Misgurnus fossilis	2GD	2GD	2GD	2GD			2GD				
Padogobius nigricans				M00		M00					
Pelecus cultratus			2GD	2GD			2GD				
Petromyzon marinus		2GR		2GD		2GD		1			1
Phoxinus percnurus*				M00							
Pomatoschistus canestrini				M00							
Pseudophoxinus stymphalicus						M00					
Rhodeus sericeus amarus	2GD	2GD	MO	1		MO	2GD				
Rutilus alburnoides		M00				2GD					
Rutilus arcasii	M00	2GD				2GD					
Rutilus frisii meidingeri	M00			MO							
Rutilus lemmingii						2GD					
Rutilus macrolepidotus						M00					
Rutilus pigus	2GD			2GD			2GD				
Rutilus rubilio	2GD			1		1					
Sabanejewia aurata	2GD		M00	2XR			2GD				
Sabanejewia balcanica previously part of S. aurata						моо					
Sabanejewia larvata	M00			M00							
Salmo macrostigma						2GD					
Salmo marmoratus	1			1							
Salmo salar	2GD	2GD	2GD	2GD							
Scardinius graecus						1					
Silurus aristotelis						M00					
Thymallus thymallus	2GD	2XP	2GD	2GD		M00	M00				
Umbra krameri				M00			2XP				
Valencia hispanica*						M00					
Valencia letourneuxi*						M00					
Zingel asper				M00		M00					
Zingel streber	2GD			2GD			2GD				
Zingel zingel	M00			2GD			2GD				

# **INVERTEBRATES**

Or when						Regio	ons				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Aeshna viridis		2GD	2GD	2GD		·	M00				
Agathidium pulchellum			2GD								
Agriades glandon aquilo	2XP										
Anisus vorticulus	M00	2GD		2XP			2GD				
Anthrenochernes stellae			2XP	2XP							
Apatura metis						M00	M00				
Apteromantis aptera						MO					
Aradus angularis			2GD								
Armadillidium ghardalamensis*						M00					
Arytrura musculus							M00				
Astacus astacus	2GD	2GD	2GD	2GD		M00	2XP				
Austropotamobius pallipes	2GD	2GD		2GD		2GD					
Austropotamobius torrentium*	2GD			2GD		M00	M00				
Baetica ustulata						M00					
Bolbelasmus unicornis	2GD			M00		M00	2GD				
Boros schneideri	M00		2GD	M00							
Brachytrupes megacephalus						M00					
Buprestis splendens	M00			M00		2GD					
Callimorpha quadripunctaria*	2GD	2GD		2GD		2GD	MO				
Carabus hampei							M00				
Carabus hungaricus				M00			2GD				
Carabus menetriesi pacholei*				2XP							
Carabus olympiae*	M00										
Carabus variolosus	2GD			2GD			2GD				
Carabus zawadszkii	2GD			M00			M00				
Caseolus calculus					M00						
Caseolus commixta					M00						
Catopta thrips						M00	M00				
Centrostephanus longispinus											3GD
Cerambyx cerdo	2GD	2GD	M00	2GD		2GD	2GD				
Chilostoma banaticum							M00				

						Regio	ons				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Chondrosoma fiduciarium							M00				
Clossiana improba	2GD									ĺ	ĺ
Coenagrion hylas	M00									ĺ	ĺ
Coenagrion mercuriale	2GD	2GD		2GD		2GD		1		ĺ	ĺ
Coenagrion ornatum	2GD	M00		2GD		M00	2GD				ĺ
Coenonympha hero	2XP	3XR	2GD	2GD						ĺ	ĺ
Coenonympha oedippus	2GD	M00		2GD			M00				
Colias myrmidone	MO			2GD			2GD				
Congeria kusceri	1			M00							
Corallium rubrum	1										1
Cordulegaster heros	2GD			M00		M00	2XP				
Cordulegaster trinacriae						M00					
Cucujus cinnaberinus	2GD	M00	2GD	2GD		M00	2GD				
Cucullia mixta	]						M00				
Dioszeghyana schmidtii	]					M00	2XP				
Discula leacockiana					M00						
Discula tabellata	]				M00						
Discus guerinianus	]				M00						
Dorcadion fulvum cervae							M00				
Duvalius gebhardti							M00				
Duvalius hungaricus	M00						2GD				
Dytiscus latissimus		M00	2GD	2GD							
Elona quimperiana		2GD				M00					
Erannis ankeraria				M00			M00				
Erebia calcaria	2GD										
Erebia christi	M00										
Erebia medusa polaris	M00										
Erebia sudetica	M00			2GD							
Eriogaster catax	2GD	MO		2GD		2GD	2GD				
Euphydryas aurinia	2GD	2GD	2GD	2GD		2GD	M00				
Fabriciana elisa						2GD					
Geomalacus maculosus		2GD				MO					
Geomitra moniziana					M00						
Gibbula nivosa	ļ										M00
Glyphipterix loricatella	ļ						M00				
Gomphus graslinii		2GD		M00		2GD					
Gortyna borelii lunata		2GD		M00		M00	M00				
Graellsia isabellae	2GD					2GD					
Graphoderus bilineatus	2GD	2GD	2GD	2GD			2GD				

						Regio	ons				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Helicopsis striata austriaca*	M00			M00							
Helix pomatia	2XR	2GD	2XP	2GR		2GD	2GD				
Hesperia comma catena	2GD										
Hirudo medicinalis	2GD	2GD	2XP	1		2GD	2GD				
Hygromia kovacsi							M00				
Hyles hippophaes	2GD			MO		MO					
Hypodryas maturna	2GD		2GD	2GD			2XP				
Idiomela subplicata					M00						
Isophya costata							M00				
lsophya stysi	M00						2XP				
Lampedusa imitatrix						M00					
Lampedusa melitensis*						M00					
Leiostyla corneocostata	]				M00						
Leptidea morsei	2GD			M00			2XP				
Leptodirus hochenwarti	M00			MO							
Leucorrhinia albifrons	2GD	2GD	2GD	2GD							
Leucorrhinia caudalis	2GD	M00	2GD	2GD			M00				
Leucorrhinia pectoralis	2GD	2GD	2GD	2GD			2XP				
Lignyoptera fumidaria							M00				
Limoniscus violaceus	M00	2GD		2GD		M00	2GD				
Lindenia tetraphylla						2GD					
Lithophaga lithophaga								1			2GD
Lopinga achine	2GD	2XR	2GD	2GD		M00	2XP				
Lucanus cervus	2GD	2GD	M00	2GD		2GD	2GD				
Lycaena dispar	2GD	2GD	2GD	2GD		2GD	2GD	1			
Lycaena helle	2XR		2XP	2GD							
Macromia splendens		2GD		M00		2GD					
Macroplea pubipennis			M00								
Macrothele calpeiana						M00					
Maculinea arion	2GD	2GD	2GD	2GD		2GD	2GD				
Maculinea nausithous	2GD	2GD		2GD		M00	2GD				
Maculinea teleius	2GD	2GD	2XP	2GD			2GD	1			
Margaritifera auricularia		MOO		M00		M00					
Margaritifera durrovensis		M00									
Margaritifera margaritifera	2GD	2GD	2GD	2GD		2GD					
Melanargia arge	MOO					M00					
Mesosa myops			M00	M00			1				
Microcondylaea compressa	M00			2XP		M00					
Morimus funereus	2GD			2GD		M00	M00				

						Regio	ons				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Myrmecophilus baronii						2GD					
Odontopodisma rubripes	M00						2XP				
Ophiogomphus cecilia	2GD	2GD	2GD	2GD		MO	2GD				
Osmoderma eremita*	2GD	2GD	2GD	2GD		2GD	2GD				
Oxygastra curtisii	2GD	2GD		2GD		2GD					
Oxyporus mannerheimii			2GD	M00							
Paladilhia hungarica*							M00				
Papilio alexanor	2GD					2GD					
Papilio hospiton						2GD					
Paracaloptenus caloptenoides	M00					M00	M00				
Parnassius apollo	2GD	MO	2GD	2GD		2GD					
Parnassius mnemosyne	2GD		2GD	2GD		2GD	2XP				
Patella ferruginea	]										3GD
Pholidoptera transsylvanica	M00						M00				
Phryganophilus ruficollis*	M00		2GD	M00							
Phyllometra culminaria	]						M00				
Pilemia tigrina	]						M00				
Pinna nobilis											2GD
Plebicula golgus	Į					M00					
Polymixis rufocincta isolata	Į						M00				
Polyommatus eroides				M00		M00					
Probaticus subrugosus						M00	2GD				
Propomacrus cypriacus						M00					
Proserpinus proserpina	2GD	2XR	MO	2GD		2GD	2GD				
Pseudogaurotina excellens*	2GD										
Pseudophilotes bavius	]					M00					
Pseudoseriscius cameroni	]					M00					
Pytho kolwensis			2GD	M00							
Rhysodes sulcatus	2GD			2GD		M00	2GD	5			
Rosalia alpina*	2GD	2GD		2GD		2GD	2GD				
Sadleriana pannonica	M00				0		2XP				
Saga pedo	2XP	M00		2GD		2GD	2XP				
Scyllarides latus										3GR	3GD
Stenobothrus eurasius	M00	1		M00		M00	MO				
Stephanopachys linearis	мо		2GD			M00					
Stephanopachys substriatus	2GR		2GD	M00							
Stylurus flavipes		2GD	2GD	2GD		M00	2GD				
Sympecma braueri	2GD	2GD	M00	2GD							
Theodoxus prevostianus				M00			MOO				

Species						Regio	ons				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Theodoxus transversalis				M00			M00				
Unio crassus	2GD	2GR	2GD	2GD		2XR	2GD				
Unio elongatulus	M00			2GD		2GD					
Vertigo angustior	2GD	2GD	2GD	2GD		2GD	2XP				
Vertigo genesii	M00	M00	2GD								
Vertigo geyeri	2GD	2GD	2GD	2GD							
Vertigo moulinsiana	1	2GD	2XP	2GD		2GD	2XP				
Xestia borealis	M00		2GD								
Xestia brunneopicta			M00								
Xyletinus tremulicola			2GD								
Xylomoia strix*			2GD	M00							
Zerynthia polyxena	2GD			2GD		2GD	2GD				

### MAMMALS

Spacing						Regi	ions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Alopex lagopus*	2XP										
Balaenoptera acutorostrata								2GR		2GD	
Balaenoptera borealis	1							M00		3GD	1
Balaenoptera edeni	1									3XR	
Balaenoptera musculus								M00		1	
Balaenoptera physalus								2GR		MO	2GD
Barbastella barbastellus	2GD	2GD	2GD	2GD	M00	2GD	2GD				
Bison bonasus*	1			M00							
Canis aureus	2GD			2GD		2XP	M00				
Canis lupus*	2XR	2GD	2XP	2GD		2GD	2XP				
Capra aegagrus						2XP					
Capra ibex	2GD										
Capra pyrenaica except Capra pyrenaica pyrenaica		2GD				2XP					
Capra pyrenaica pyrenaica*	M00										
Castor fiber	2XR	2GD	MO	2XR		M00	2GD				
Cervus elaphus corsicanus*						2XP					
Cricetus cricetus	M00	2GD		2GD			2GD				
Crocidura canariensis	1				M00						
Crocidura sicula	1					2XR					
Delphinus delphis	]							2GD		2GD	2GD
Dryomys nitedula	2GD		2XP	2GD		2GD	2XP				
Eptesicus bottae						M00					
Eptesicus nilssonii	2XR	M00	2GD	2GD			M00				
Eptesicus serotinus	2GD	2GD	2GD	2GD		2GD	2GD				
Erinaceus algirus						2XR					
Eubalaena glacialis										2XP	
Felis silvestris	2GD	2GD		2GD		2GD	2GD				
Galemys pyrenaicus	2GD	2GD				2GD					
Genetta genetta	2GD	2GD		M00		2GD					
Globicephala macrorhynchus	]									1	
Globicephala melas								2GR		M00	3GD

#### Mammals (continued)

en i						Regi	ions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	ММАС	MMED
Grampus griseus								2GR		1	1
Gulo gulo*	2GD		2GD								
Halichoerus grypus	]							2XP	2XP		
Herpestes ichneumon	]					2XR					
Hyperoodon ampullatus								M00		3GD	
Hystrix cristata	M00			M00		M00					
Kogia breviceps	]							M00		1	
Kogia simus	]									M00	
Lagenodelphis hosei										M00	
Lagenorhynchus acutus								2GD			
Lagenorhynchus albirostris								2GD			
Lepus timidus	2XR	2XP	2XR	2XR		M00					
Lutra lutra	2XR	2GD	2XR	2GD		2GD	2GD				
Lynx lynx	2XP		1	2GD		M00	2GD				
Lynx pardinus*						MO					
Marmota marmota latirostris*	2GD										
Martes martes	2XR	2GD	MO	2XR		2GD	2GD				
Megaptera novaeangliae								M00		1	3GD
Mesoplodon bidens								M00		M00	
Mesoplodon densirostris										1	
Mesoplodon europaeus										M00	
Mesoplodon mirus										M00	
Microtus cabrerae						2GD					
Microtus oeconomus arenicola*		M00									
Microtus oeconomus mehelyi*				M00			2XP				
Microtus tatricus	2GD										
Miniopterus schreibersii	2GD	2GD		2GD		2XR	2XP				
Monachus monachus*										M00	3GD
Muscardinus avellanarius	2GD	2GD	2GD	2GD		2GD	2GD				
Mustela eversmannii	M00			MO			2GD				
Mustela lutreola*	M00	2GD	M00			М00					
Mustela putorius	2XR	2XR	2XR	2XR		2GD	2GD				
Myomimus roachi						M00					
Myotis alcathoe		M00		MO		MO	M00				
Myotis aurascens						M00					
Myotis bechsteinii	2GD	2GD		2GD		2GD	2GD				
Myotis blythii	2GD	2GD		2GD		2GD	2GD				
Myotis brandtii	2GD	2GD	2XR	2GD		M00	2GD				
Myotis capaccinii	2XP			2XP		2GD					

#### Mammals (continued)

						Regi	ions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Myotis dasycneme	MO	2GD	2GD	2GD			2GD				
Myotis daubentonii	2GD	2GD	2GD	2XR		2GD	2GD				
Myotis emarginatus	2GD	2GD		2GD		2GD	1				
Myotis myotis	2GD	2GD		2GD		2GD	2GD				
Myotis mystacinus	2GD	2GD	2XR	2XR		2GD	2GD				
Myotis nattereri	2GD	2GD	2XR	2XR		2GD	2GD				
Myotis punicus						2GD					
Nyctalus azoreum					M00						
Nyctalus lasiopterus	MO	MO		2GD		2GD	2GD				
Nyctalus leisleri	2GD	2GD	2GD	2GD	2GD	2GD	2GD				
Nyctalus noctula	2GD	2GD	2XR	2GR		2GD	2XR				
Orcinus orca								2GR		MO	M00
Ovis gmelini musimon						2XP					
Ovis orientalis ophion						1					
Phoca hispida bottnica									2XP		
Phoca hispida saimensis*			M00								
Phoca vitulina								2XP	2XP		
Phocoena phocoena									2GD		2GD
Physeter catodon								2GD		3XP	2GR
Pipistrellus kuhlii	2GD	2GD		2GD	M00	2GD	M00				
Pipistrellus maderensis					2XR						
Pipistrellus nathusii	2GD	2GD	2GD	2GD		2GD	2XR				
Pipistrellus pipistrellus	2GD	2GD	2GD	2GD		2GD	2XR				
Pipistrellus pygmaeus	2GD	2GD	M00	2XR		2GD	2XR				
Pipistrellus savii	2GD	MO		2GD	M00	2GD	M00				
Plecotus auritus	2GD	2GD	2XR	2XR		2GD	2GD				
Plecotus austriacus	2GD	2GD		2GD	M00	2GD	2GD				
Plecotus kolombatovici						M00					
Plecotus macrobullaris	MO			M00		MO					
Plecotus sardus						M00					
Plecotus teneriffae					M00						
Pseudorca crassidens										2XP	
Pteromys volans*			2GD								
Rangifer tarandus fennicus			M00								
Rhinolophus blasii						MO					
Rhinolophus euryale	2GD	2GD		2GD		2XR	2XP				
Rhinolophus ferrumequinum	2GD	2GD		2GD		2GD	2XP				
Rhinolophus hipposideros	2GD	2GD		2GD		2GD	2GD				
Rhinolophus mehelyi		M00				2GD					

#### Mammals (continued)

Encoing						Regi	ons				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Rousettus aegyptiacus						2GD					
Rupicapra pyrenaica former subspecie of R. rupicapra	M00										
Rupicapra pyrenaica ornata*	M00					M00					
Rupicapra rupicapra except R. r. balcanica & R. r. tatrica	мо	1		2GD		2XR					
Rupicapra rupicapra balcanica						M00					
Rupicapra rupicapra tatrica*	2XP										
Sciurus anomalus						M00					
Sicista betulina	2GD	M00	2GD	3GD							
Sicista subtilis				M00			M00				
Spermophilus citellus	2GD			2GD		M00	2GD				
Spermophilus suslicus*				M00							
Stenella coeruleoalba								2GR		2GD	2GR
Stenella frontalis										2GD	
Steno bredanensis										M00	
Tadarida teniotis	2GD	MO		2GD	1	2GD					
Tursiops truncatus								2GD		2GD	2GD
Ursus arctos*	2XP	M00	2XP	2GD		2GD					
Vespertilio murinus	2GD	2GD	2GR	2XR		M00	2GD				
Ziphius cavirostris								2GR		MO	3GR

# PLANTS

Onesias						Reg	gions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMEC
Abies nebrodensis*						1					
Aconitum corsicum*						M00					
Aconitum firmum ssp. moravicum	2XP			M00							
Adenophora lilifolia	2GD			2GD			2GD				
Adonis distorta	M00			M00		M00					
Aeonium gomeraense					M00						
Aeonium saundersii					M00						
Agrimonia pilosa			1	M00							
Aichryson dumosum					M00						
Aldrovanda vesiculosa			M00	2GD		M00	M00				
Alisma wahlenbergii*			2GD								
Allium grosii						M00					
Alyssum pintodasilvae						M00					
Alyssum pyrenaicum	M00										
Ammi trifoliatum					M00						
Anacamptis urvilleana						2GD					
Anagyris latifolia*					M00						
Anarrhinum longipedicelatum						M00					
Anchusa crispa*						2XP					
Androcymbium europaeum						M00					
Androcymbium psammophilum*					M00						
Androcymbium rechingeri*						M00					
Androsace cylindrica	2XP										
Androsace mathildae	M00										
Androsace pyrenaica	2GD										
Andryala crithmifolia					2XP						
Angelica heterocarpa*		M00									
Angelica palustris			2GD	2GD			2GD				
Anthemis glaberrima*						M00					
Anthyllis hystrix						M00					
Anthyllis lemanniana					M00						

	Regions ALP ATL BOR CON MAC MED PAN MATL MBAL MMAC MME										
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MME
Anthyllis lusitanica						M00					
Antirrhinum charidemi						M00					
Antirrhinum lopesianum						MO					
Apium bermejoi*						2XP					
Apium repens	2GD	2GD		2GD		MO	2GD				
Aquilegia alpina	2GD			M00							
Aquilegia bertolonii	2GD			M00		2XP					
Aquilegia pyrenaica ssp. cazorlensis*						M00					
Arabis kennedyae*						M00					
Arabis sadina						M00					
Arabis scopoliana	M00										
Arceuthobium azoricum					M00						
Arctagrostis latifolia			M00								
Arctophila fulva			2XP								
Arenaria ciliata ssp. pseudofrigida			M00								
Arenaria humifusa	M00										
Arenaria nevadensis*						M00					
Arenaria provincialis						M00					
Argyranthemum lidii*					2XP						
Argyranthemum pinnatifidum ssp. succulentum					M00						
Argyranthemum thalassophylum					M00						
Argyranthemum winterii					M00						
Armeria berlengensis						3XP					
Armeria helodes*				M00							
Armeria neglecta											
Armeria pseudarmeria						3XP					
Armeria rouyana*						3XP					
Armeria sampaioi		3GD				3XP					
Armeria soleirolii						M00					
Armeria velutina						M00					
Arnica montana	2GD	2GD	MO	2XR		2XR					
Artemisia campestris ssp. bottnica			2GD								
Artemisia eriantha	2GD					M00					
Artemisia genipi	2XR			M00		M00					
Artemisia granatensis*						M00					
Artemisia laciniata*				M00							
Artemisia oelandica			M00	M00							
Artemisia pancicii*				M00			M00				
Asphodelus bento-rainhae*						2XP					

	Regions         ALP       ATL       BOR       CON       MAC       MED       PAN       MATL       MBAL       MMAC       MI         2GD       M0       2GD       M00       M00										
Species	ALP	ATL	BOR	CON	MAC			MATL	MBAL	MMAC	MMEC
Asplenium adulterinum	2GD		мо	2GD		M00	M00				
Asplenium hemionitis					2XR	2XR					
Asplenium jahandiezii						M00					
Aster pyrenaeus*	M00	моо									
Aster sorrentinii*						M00					
Astragalus algarbiensis*											
Astragalus aquilanus*	M00					M00					
Astragalus centralpinus	2GD					M00					
Astragalus macrocarpus ssp. lefkarensis*						M00					
Astragalus maritimus*						M00					
Astragalus tremolsianus						M00					
Astragalus verrucosus*						M00					
Asyneuma giganteum						M00					
Athamanta cortiana						M00					
Atractylis arbuscula*					M00						
Atractylis preauxiana					M00						
Atropa baetica*						M00					
Avenula hackelii						2GD					
Azorina vidalii*					1						
Bassia saxicola*						М00					
Bellevalia hackelii						2GD					
Bencomia brachystachya*					M00						
Bencomia sphaerocarpa					M00						
Berberis maderensis					M00						
Beta patula					M00						
Biscutella neustriaca*		моо									
Biscutella vicentina						2GD					
Boleum asperum						M00					
Borderea chouardii*						M00					
Botrychium simplex	2GD	M00	2GD	2XP		2GD					
Brassica glabrescens				M00							
Brassica hilarionis											
Brassica insularis						2GD					
Brassica macrocarpa*						M00					
Braya linearis	M00										
Bromus grossus	моо			2GD		M00					
Bruchia vogesiaca		моо		M00		MO					
Bryhnia novae-angliae			M00	M00							
Bryoerythrophyllum campylocarpum*		моо			М00	M00					

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC	MED		MATL	MBAL	ММАС	MMEC
Bunium brevifolium					M00						
Bupleurum capillare*						M00					
Bupleurum handiense					M00						
Bupleurum kakiskalae*	1					M00			ĺ		1
Buxbaumia viridis	2XP	2XR	2GD	2GD		2GD	M00				
Calamagrostis chalybaea	М00		M00								
Caldesia parnassifolia		M00		2GD		M00	M00				
Calendula maderensis					M00						
Calypso bulbosa	M00		2GD								
Campanula bohemica*				2XP							
Campanula gelida*				M00							
Campanula morettiana	M00										
Campanula sabatia*	M00					M00					
Campanula serrata*	1										
Campanula zoysii	MO										
Caralluma burchardii					M00						
Carduus myriacanthus*						моо					
Carex holostoma	MO		M00								
Carex malato-belizii					M00						
Carex panormitana*						2GD					
Carlina onopordifolia	]			M00							
Centaurea akamantis*						M00					
Centaurea alba ssp. heldreichii*						M00					
Centaurea alba ssp. princeps*						M00					
Centaurea attica ssp. megarensis*						M00					
Centaurea balearica*						M00					
Centaurea borjae*		М00									
Centaurea citricolor*						моо					
Centaurea corymbosa						M00					
Centaurea gadorensis						М00					
Centaurea horrida*						M00					
Centaurea kalambakensis*						М00					
Centaurea kartschiana				M00							
Centaurea lactiflora*						М00					
Centaurea micrantha ssp. herminii		M00				M00					
Centaurea niederi*						М00					
Centaurea peucedanifolia*						моо					
Centaurea pinnata*						2XP					
Centaurea pulvinata	1					М00					

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC			MATL	MBAL	ММАС	MME
Centaurea rothmalerana						M00					
Centaurea vicentina	1					M00					
Centaurium somedanum*	]	M00									
Centranthus trinervis	]					2XP					
Cephalanthera cucullata*	]					M00					
Cephalozia macounii	]		1								
Cerastium alsinifolium*	]			M00							
Cerastium dinaricum	M00										
Ceropegia chrysantha*	]				M00						
Chaenorhinum serpyllifolium ssp. lusitanicum	]					M00					
Chaerophyllum azoricum					M00						
Chamaemeles coriacea*	]				M00						
Cheirolophus duranii	]				M00						
Cheirolophus ghomerytus	]				M00						
Cheirolophus junonianus	]				M00						
Cheirolophus massonianus					M00						
Chionodoxa lochiae*	1					M00					
Cinna latifolia	]		2GD								
Cirsium brachycephalum	]						2GD				
Cirsium latifolium	]				M00						
Cistus chinamadensis	]				M00						
Cistus palhinhae						2XP					
Cladonia spp. subgenus Cladina	ЗХR	1	мо	1	моо	2XR	мо				
Cochlearia polonica*				M00							
Cochlearia tatrae*	1										
Coincya rupestris*	]					M00					
Colchicum arenarium							2GD				
Colchicum corsicum	]					2XP					
Colchicum cousturieri	]					M00					
Coleanthus subtilis	]	M00		2GD							
Consolida samia*	]					M00					
Convolvulus argyrothamnus*						M00					
Convolvulus caput-medusae*					M00						
Convolvulus fernandesii*	]					M00					
Convolvulus lopez-socasii*					M00						
Convolvulus massonii*					M00						
Coronopus navasii*						M00					
Corydalis gotlandica			M00								

Species	ALP	ATL	BOR	CON	MAC			MATL	MBAL	MMAC	MME
Crambe arborea*					M00						
Crambe laevigata	1				M00						
Crambe sventenii*	1	ĺ			M00						
Crambe tataria	1	ĺ		M00			2XP		ĺ		
Cremnophyton lanfrancoi*	1					M00					
Crepis crocifolia*	1	ĺ				M00					
Crepis granatensis	1					2XP					
Crepis pusilla						2GD					
Crepis tectorum ssp. nigrescens	M00		M00								
Crocus cyprius						M00					
Crocus etruscus				M00		M00					
Crocus hartmannianus	]					M00					
Culcita macrocarpa	]	MO			1	M00					
Cyclamen fatrense*	M00										
Cynodontium suecicum	2XP		2GD								
Cypripedium calceolus	2GD	2GD	2GD	2GD		2GD	2GD				
Cytisus aeolicus*						M00					
Daphne arbuscula*	M00										
Daphne petraea	M00										
Daphne rodriguezii*						M00					
Delphinium caseyi*	ļ										
Dendriopoterium pulidoi					M00						
Deschampsia maderensis					M00						
Dianthus arenarius ssp. arenarius			2GD	M00							
Dianthus arenarius ssp. bohemicus*				M00							
Dianthus cintranus ssp. cintranus						M00					
Dianthus diutinus*							M00				
Dianthus lumnitzeri*	M00						2GD				
Dianthus marizii	Į					M00					
Dianthus moravicus*				M00			M00				
Dianthus nitidus*	M00										
Dianthus plumarius ssp. regis-stephani	Į						2XP				
Dianthus rupicola	Į					2GD					
Dichelyma capillaceum		2GD	2GD	M00							
Dicranum viride	2GD	M00	2GD	2GD			M00				
Diplazium sibiricum	MO		MO								
Diplotaxis ibicensis						M00					
Diplotaxis siettiana*	Į					M00					
Diplotaxis vicentina						M00					

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMEC
Distichophyllum carinatum	M00										
Doronicum plantagineum ssp. tournefortii						M00					
Dorycnium pentaphyllum ssp. transmontanum						M00					
Dorycnium spectabile*					M00						
Draba cacuminum	M00										
Draba cinerea			M00								
Dracaena draco					2XR						
Dracocephalum austriacum	2GD			2GD		M00	2GD				
Drepanocladus vernicosus	3GD	2GD	2GD	2GD		M00					
Dryopteris corleyi*		M00									
Dryopteris fragans	M00										
Echinodium spinosum*					2XR						
Echium candicans					M00						
Echium gentianoides*					M00						
Echium russicum	M00			2XP			2XP				
Elatine gussonei						M00					
Eleocharis carniolica	2GD			2GD			M00				
Encalypta mutica	2GD		2GD	M00							
Erica scoparia ssp. azorica					M00						
Erigeron frigidus						M00					
Erodium astragaloides*						M00					
Erodium paularense						М00					
Erodium rupicola*						M00					
Erucastrum palustre				M00							
Eryngium alpinum	2GD			M00							
Eryngium viviparum*		2GD				MO					
Erysimum pieninicum*	M00										
Euphorbia handiensis*					2XP						
Euphorbia lambii					M00						
Euphorbia margalidiana*						M00					
Euphorbia nevadensis						M00					
Euphorbia stygiana					M00						
Euphorbia transtagana						M00					
Euphrasia azorica*					M00						
Euphrasia genargentea*						2GD					
Euphrasia grandiflora					M00						
Euphrasia marchesettii				2XP							
Ferula latipinna					M00						
Ferula sadleriana*	M00						M00				

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC	MED		MATL	MBAL	MMAC	MMED
Festuca brigantina		M00				2XP					
Festuca duriotagana	]					2GD					
Festuca elegans	]	MO				MO					
Festuca henriquesii	]					1					
Festuca summilusitana	]	2GD				MO					
Frangula azorica	]				M00						
Fritillaria conica	]					M00					
Fritillaria drenovskii	]					M00					
Fritillaria gussichiae	]					M00					
Fritillaria obliqua	]					M00					
Fritillaria rhodocanakis						M00					
Galanthus nivalis	2GD	2GD		2GD		2XR	MO				
Galium cracoviense	ļ			M00							
Galium litorale*	ļ					M00					
Galium sudeticum*	ļ			1							
Galium viridiflorum*						M00					
Gaudinia hispanica	ļ					M00					
Genista dorycnifolia						M00					
Genista holopetala				2GD							
Gentiana ligustica	2GD					2XP					
Gentiana lutea	2XR	M00		2XR		2GD			ļ		
Gentianella anglica	ļ	M00									
Gentianella bohemica*	ļ			2GD					ļ		
Geranium maderense*					M00						
Gladiolus palustris	2GD			2GD		M00	2GD		ļ		
Globularia ascanii*	ļ				M00						
Globularia sarcophylla*	ļ				M00						
Globularia stygia*	ļ					M00					
Goodyera macrophylla					M00				ļ		
Gymnigritella runei	M00										
Gypsophila papillosa*	M00								ļ		
Halimium verticillatum	ļ					MO					
Hamatocaulis lapponicus	ļ		2GD								
Helianthemum alypoides						M00					
Helianthemum bystropogophyllum*	ļ				M00						
Helianthemum caput-felis	1					2XP					
Helichrysum gossypinum					M00						
Helichrysum melitense*						M00					
Helichrysum monogynum					M00						

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMEC
Helichrysum sibthorpii						M00					
Herniaria algarvica	Į					моо					
Herniaria latifolia ssp. litardierei*	]					1					
Herniaria lusitanica ssp. berlengiana	]					моо					
Herniaria maritima	]					М00					
Herzogiella turfacea	]		2GD								
Himantoglossum adriaticum	M00			2GD			2GD				
Himantoglossum caprinum	M00						2GD				
Hippuris tetraphylla			1								
Hladnikia pastinacifolia	M00			M00							
Holcus setiglumis ssp. duriensis	]					2XR					
Hyacinthoides vicentina	]					моо					
Hygrohypnum montanum	]		M00								
Hymenophyllum maderensis	]				M00						
Hymenostemma pseudanthemis						моо					
Hyoseris frutescens						M00					
Hypericum aciferum*	1					M00					
Hypochoeris oligocephala					M00						
lberis arbuscula*	1					M00					
Iberis procumbens ssp. microcarpa						2XP					
lris aphylla ssp. hungarica	M00						2GD				
Iris boissieri		2GD				мо					
Iris humilis ssp. arenaria							2GD				
Iris Iusitanica						MO					
Iris marsica	M00			M00		M00					
Isoetes azorica					M00						
Isoetes boryana		моо									
Isoetes malinverniana				M00							
Isoplexis chalcantha*					M00						
Isoplexis isabelliana	]				M00						
Jankaea heldreichii	]					M00					
Jasione crispa ssp. serpentinica	]					2GD					
Jasione lusitanica	]	МО				2GD					
Jasminum azoricum	]				M00						
Jonopsidium acaule*	]					M00					
Jonopsidium savianum						2GD					
Juncus valvatus						2XP					
Jurinea cyanoides*		M00		1							
Jurinea fontqueri*						моо					

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMEC
Kosteletzkya pentacarpos				M00		2GD					
Kunkeliella subsucculenta					M00						
Lactuca watsoniana*					M00						
Lamyropsis microcephala*						M00					
Laserpitium longiradium*						моо					
Leontodon boryi						М00					
Leontodon microcephalus						моо					
Leontodon siculus*						M00					
Leucobryum glaucum	3GD	2GD	2GD	2XR	M00	2XR	2GD				
Leucojum nicaeense						2XP					
Leuzea longifolia						2GD					
Leuzea rhaponticoides						MO					
Ligularia sibirica	1		MO	1							
Lilium rubrum	M00					2GD					
Limonium arborescens*					M00						
Limonium dendroides					M00						
Limonium dodartii ssp. lusitanicum						2XP					
Limonium insulare*						M00					
Limonium lanceolatum		2XP				MO					
Limonium multiflorum						2XP					
Limonium pseudolaetum*						M00					
Limonium spectabile*					M00						
Limonium strictissimum*						2XP					
Limonium sventenii*					M00						
Linaria algarviana						2XP					
Linaria coutinhoi						M00					
Linaria ficalhoana*						M00					
Linaria flava						2GD					
Linaria hellenica*						M00					
Linaria loeselii			2GD	M00							
Linaria pseudolaxiflora						2GD					
Linaria ricardoi*						моо					
Linaria tonzigii	M00										
Linaria tursica*						моо					
Lindernia procumbens	2GD	M00		2GD			2GD				
Linum dolomiticum*							м00				
Linum muelleri*						M00					
Liparis loeselii	2GD	2GD	2GD	2GD		M00	2XP				
Lithodora nitida*						M00					

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
Lithothamnium coralloides								2GD			MO
Lotus azoricus*					M00						
Lotus callis-viridis	]				M00						
Lotus kunkelii*	]				M00						
Luronium natans	моо	2GD	M00	2GD		М00					
Luzula arctica	M00										
Lycopodium spp.	2GD	2GD	2GD	2GD	3GD	2GD	2GD				
Lythrum flexuosum*						М00					
Malcolmia lacera ssp. gracilima						1					
Mannia triandra	2XP			2GD		M00					
Marcetella maderensis					M00						
Marsilea azorica*					M00						
Marsilea batardae						2GD					
Marsilea quadrifolia	М00	M00		2XP		2GD	2GD				
Marsilea strigosa						2GD					
Marsupella profunda*		2GD			2XR	2GD					
Maytenus umbellata					M00						
Meesia longiseta	2GD		2GD	3XP							
Melanoselinum decipiens					M00						
Melilotus segetalis ssp. fallax						M00					
Micromeria taygetea*						M00					
Micropyropsis tuberosa						M00					
Minuartia smejkalii*				M00							
Moehringia fontqueri						M00					
Moehringia lateriflora			1								
Moehringia tommasinii				1							
Moehringia villosa	M00										
Monanthes wildpretii					M00						
Monizia edulis					M00						
Murbeckiella pinnatifida ssp. herminii						M00					
Murbeckiella sousae						2XP					
Muscari gussonei*	Į					M00					
Musschia aurea	ļ				M00						
Musschia wollastonii*	Į				M00						
Myosotis azorica					M00						
Myosotis lusitanica						3XP					
Myosotis maritima					M00						
Myosotis rehsteineri	2GD			2XP							
Myosotis retusifolia						2GD					

						Reg	jions				
Species	ALP	ATL	BOR	CON	MAC			MATL	MBAL	MMAC	MMEC
Myrica rivas-martinezii*					M00						
Najas flexilis		2GD	2GD	M00							
Najas tenuissima			M00								
Narcissus asturiensis	2XP	M00				MO					
Narcissus bulbocodium	2XP	2GD				MO					
Narcissus calcicola						2XP					
Narcissus cyclamineus		2GD				2XR					
Narcissus fernandesii						MO					
Narcissus humilis						2GD					
Narcissus juncifolius	M00					M00					
Narcissus longispathus						M00					
Narcissus nevadensis*	Į					M00					
Narcissus pseudonarcissus ssp. nobilis		MO				MO					
Narcissus scaberulus	Į					2XP					
Narcissus triandrus		MO				MO					
Narcissus triandrus ssp. capax		M00									
Narcissus viridiflorus						M00					
Naufraga balearica*						M00					
Nepeta dirphya						М00					
Nepeta sphaciotica*						M00					
Nothothylas orbicularis	M00			2GD							
Ochyraea tatrensis	M00										
Odontites granatensis						M00					
Odontites holliana					1						
Oenanthe conioides*		M00									
Oenanthe divaricata					M00						
Omphalodes kuzinskyanae						2XP					
Omphalodes littoralis*		2GD									
Ononis hackelii*						M00					
Onopordum nogalesii*	Į				M00						
Onorpordum carduelinum*					M00						
Onosma tornensis*	M00						1				
Ophioglossum polyphyllum	Į				M00						
Ophrys argolica	Į					M00					
Ophrys kotschyi*						M00					
Ophrys lunulata*						M00					
Ophrys melitensis						M00					
Orchis scopulorum					M00						
Origanum dictamnus						M00					

						Reg	jions				
Species	ALP	ATL	BOR	CON	MAC	MED		MATL	MBAL	MMAC	MME
Ornithogalum reverchonii						M00					
Orobanche densiflora						M00					
Orthothecium lapponicum	2GD										
Orthotrichum rogeri	2XP	M00	M00	2XP							
Paeonia cambessedesii						M00					
Paeonia clusii ssp. rhodia						M00					
Paeonia officinalis ssp. banatica	MOO			M00			M00				
Paeonia parnassica						M00					
Palaeocyanus crassifolius*						M00					
Papaver laestadianum	M00										
Papaver radicatum ssp. hyperboreum	M00										
Parolinia schizogynoides*					M00				ĺ		
Pedicularis sudetica*				2XP					ĺ		
Pericallis hadrosoma*					M00				ĺ		
Persicaria foliosa			1						ĺ		
Petagnia saniculifolia						M00			ĺ		
Petalophyllum ralfsii		2GD				3XP			ĺ		ĺ
Petrocoptis grandiflora		M00				моо			ĺ	İ	ĺ
Petrocoptis montsicciana	M00					M00					
Petrocoptis pseudoviscosa	M00					2XP					
Phagnalon benettii					M00						
Phalaris maderensis					M00						
Phlomis brevibracteata						M00					
Phlomis cypria						M00					-
Phoenix theophrasti						M00					
Phymatholithon calcareum								2GD			MO
Physoplexis comosa	2GD										
Picconia azorica					M00						
Picris willkommii						2GD					
Pinguicula crystallina*						M00			ĺ		
Pinguicula nevadensis						M00					
Pittosporum coriaceum*					M00						
Plagiomnium drummondii			M00								
Plantago algarbiensis						мо					
Plantago almogravensis						2XP					
Plantago malato-belizii					M00				ĺ		
Platanthera obtusata ssp. oligantha	M00								ĺ		
Poa riphaea*				M00							
Polygonum praelongum						моо					

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC	MED		MATL	MBAL	MMAC	MMEC
Polystichum drepanum*					1						
Potentilla delphinensis	М00										
Primula apennina*	]			M00							
Primula carniolica	M00			M00							
Primula glaucescens	M00										
Primula nutans	]		2GD								
Primula palinuri	]					M00					
Primula scandinavica	M00										
Primula spectabilis	M00										
Prunus Iusitanica ssp. azorica	]				M00						
Pseudarrhenatherum pallens	]					2GD					
Puccinellia phryganodes	]		M00								
Puccinellia pungens	]					2XP					
Pulsatilla grandis	M00			2XP			2GD				
Pulsatilla patens	M00		2GD	2GD			2GD				
Pulsatilla pratensis ssp. hungarica*	]						2GD				
Pulsatilla slavica*	2GD										
Pulsatilla subslavica*	M00						M00				
Pulsatilla vulgaris ssp. gotlandica	]		M00								
Pyrus magyarica*	]						M00				
Ramonda serbica	]					М00					
Ranunculus kykkoensis	]					M00					
Ranunculus lapponicus	мо		MO								
Ranunculus weyleri*	]					моо					
Rhinanthus oesilensis	]		M00								
Rhododendron luteum	]			1		М00					
Rhynchosinapis monensis ssp. recurvata	]					2XP					
Ribes sardoum*	]					M00					
Riccia breidleri	2XP										
Riella helicophylla	]					2GD					
Rosmarinus tomentosus	]					моо					
Rouya polygama	]					2GD					
Rubus genevieri ssp. herminii	]					2XP					
Rumex azoricus	]				M00						
Rumex rupestris		2GD									
Ruscus aculeatus	2XR	2GD		2XR		3XR	M00				
Salicornia veneta*				M00							
Salix salvifolia ssp. australis	]					2XR					
Salvia veneris											

						Reg	ions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMEC
Sambucus palmensis*					M00						
Sanicula azorica	Į				M00						
Santolina elegans						моо					
Santolina impressa	]					моо					
Santolina semidentata	]	моо				мо					
Saussurea alpina ssp. esthonica	]		2GD								
Saxifraga berica	]			M00							
Saxifraga cintrana	]					моо					
Saxifraga florulenta	2GD										
Saxifraga hirculus	MO	2XP	2GD	2GD							
Saxifraga osloensis			M00								
Saxifraga portosanctana					M00						
Saxifraga presolanensis	M00										
Saxifraga tombeanensis	M00										
Saxifraga valdensis	2GD										
Saxifraga vayredana						M00					
Scabiosa nitens					M00						
Scapania massolongi	2XP		M00								
Scilla beirana		M00				M00					
Scilla litardierei	M00										
Scilla maderensis	]				M00						
Scilla morrisii*	]					моо					
Scilla odorata	]					моо					
Scrophularia grandiflora ssp. grandiflora	]					моо					
Scrophularia herminii	]	MO				MO					
Scrophularia sublyrata	]					MO					
Sedum brissemoretii	]				M00						
Semele maderensis	]				M00						
Senecio caespitosus	]					2XP					
Senecio elodes*	]					моо					
Senecio jacobea ssp. gotlandicus	]		M00	M00							
Senecio lagascanus ssp. lusitanicus						1					
Senecio nevadensis	]					М00					
Serratula lycopifolia*	M00			1		M00	1				
Seseli intricatum*						М00					
Seseli leucospermum	]						M00				
Sibthorpia peregrina	]				M00						
Sideritis cypria	]										
Sideritis cystosiphon*					M00						

						Reg	jions				
Species	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMEC
Sideritis discolor*					M00						
Sideritis incana ssp. glauca	]					M00					
Sideritis infernalis					M00						
Sideritis javalambrensis	]					M00					
Sideritis marmorea	]				M00						
Sideritis serrata	]					M00					
Sideroxylon marmulano	]				2XR						
Silene furcata ssp. angustiflora	M00		1								
Silene hicesiae*	]					M00					
Silene hifacensis	]					M00					
Silene holzmanii*	]					M00					
Silene longicilia	]					2GD					
Silene mariana	]					M00					
Silene orphanidis*	]					M00					
Silene rothmaleri*	]					моо					
Silene velutina*	]					1					
Sinapidendron rupestre	]				моо						
Sisymbrium cavanillesianum	]					2XP					
Sisymbrium supinum	]	M00	1	2GD							
Solanum lidii*	]				M00						
Soldanella villosa	]	2XP									
Solenanthus albanicus	]					моо					
Sorbus maderensis	]				M00						
Sorbus teodorii	]		M00								
Spergularia azorica	]				M00						
Sphagnum pylaisii	]	2GD									
Sphagnum spp.	3GD	3GD	3GD	3GD	M00	2XR	2GD				
Spiranthes aestivalis	2GD	2GD		2GD		2GD					
Stemmacantha cynaroides	]				M00						
Stipa austroitalica*	]					M00					
Stipa bavarica*				M00							
Stipa styriaca*	M00										
Stipa veneta*	]			M00							
Stipa zalesskii*	ļ			M00							
Sventenia bupleuroides					M00						
Symphytum cycladense*	J					моо					
Tanacetum ptarmiciflorum*					M00						
Tayloria rudolphiana	2GD										
Teline rosmarinifolia*					M00						

#### Plants (continued)

Species       ALP       ATL       BOR       CON       MAC       MED       PAN       MATL       MBAL       MMAC       MM         Teline salsoloides"       M00       M00 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>Reg</th><th>ions</th><th></th><th></th><th></th><th></th></t<>							Reg	ions				
Tephroseris longifolia ssp. moravica       M00         Teucrium abutiloides       M00         Teucrium abutiloides       M00         Teucrium betonicum       M00         Teucrium charidemi       M00         Teucrium salviastrum ssp. salviastrum       2XP         Teucrium turredanum       M00         Thesium ebracteatum       M00         Thorella verticillatinundata       M00         Thymus capitellatus       M00         Thymus capitellatus       M00         Thymus capitellatus       M00         Thymus say, villosus sp. villosus       M00         Tortella rigens       M00         ZGD       ZCD         Tortella rigens       M00         ZGD       ZGD         Tortella rigens       M00         ZGD       ZGD         ZGD	Species	ALP	ATL	BOR	CON	MAC			MATL	MBAL	ММАС	MMEC
Teucrium abutiloides         Teucrium betonicum         Teucrium charidemi         Teucrium charidemi         Teucrium lepicephalum         Teucrium salviastrum ssp. salviastrum         Teucrium turredanum         Thannobryum fernandesii*         M00         Thesium ebracteatum         M00         Thaspi jankae         M00         Thymelaea broterana         Thymus canphoratus*         Thymus canosus         Thymus lotocephalus*         Thymus villosus sp. villosus         M00         ZGD         Tortella rigens         M00         ZGD         ZGD         ZGD         ZGD         ZGD         Thymus carnosus         Thymus villosus sp. villosus         ZGD	Teline salsoloides*					M00						
Teucrium betonicum       M00       M00       M00         Teucrium charidemi       M00       M00       M00         Teucrium lepicephalum       M00       ZXP         Teucrium salviastrum ssp. salviastrum       M00       M00         Teucrium turredanum       M00       ZGD       GD       M00         Thannobryum fernandesii*       M00       ZCD       ZD       ZZP         Thesium ebracteatum       M00       ZGD       ZGD       ZD       ZZP         Thorella verticillatinundata       M00       ZGD       ZGD       ZD       ZD         Thymelaea broterana       ZGD       ZGD       M00       ZCD       ZD       ZD         Thymus cannosus       I       I       I       M00       I       I       I         Thymus villosus ssp. villosus       I       I       I       M00       I	Tephroseris longifolia ssp. moravica	M00			M00							
Teucrium charidemi       Image: Section of the section o	Teucrium abutiloides					M00						
Teucrium lepicephalum       Fucurium salviastrum ssp. salviastrum         Teucrium turredanum       M00         Thamnobryum fernandesii*       M00         Thesium ebracteatum       M00         Thaspi jankae       M00         Thorella verticillatinundata       M00         Thymus camphoratus*       I         Thymus capitellatus       I         Thymus capitellatus*       I         Thymus lotocephalus*       I         Thymus villosus ssp. villosus       M00         M00       I         M00       I         Tortella rigens       M00         M00       I         Image: Speciosum       I <td>Teucrium betonicum</td> <td></td> <td></td> <td></td> <td></td> <td>M00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Teucrium betonicum					M00						
Teucrium salviastrum ssp. salviastrumM00M00M00Teucrium turredanumM002GD2GDM00M00Thannobryum fernandesii*M002GD2GDCCCThesium ebracteatumM002GD2GDCCCCThlaspi jankaeM00CCM00CCCCThorella verticillatinundataM00CCCCCCCCThymelaea broterana2GDCCC<	Teucrium charidemi						М00					
Teucrium turredanumModel	Teucrium lepicephalum						2XP					
Thamnobryum fernandesii*Image: space spac	Teucrium salviastrum ssp. salviastrum						моо					
Thesium ebracteatumM002GD2GDCCC	Teucrium turredanum						моо					
Thlaspi jankaeM00II2XPIIThorella verticillatinundataM00M00M00M00M00II <tdi< td="">I<t< td=""><td>Thamnobryum fernandesii*</td><td></td><td></td><td></td><td></td><td>M00</td><td></td><td></td><td></td><td></td><td></td><td></td></t<></tdi<>	Thamnobryum fernandesii*					M00						
Thorella verticillatinundataM00M0M0M0Thymelaea broterana2GD2GD2GD2GD2GD2GDThymus camphoratus*11112GD111Thymus capitellatus111111111Thymus carnosus11	Thesium ebracteatum		M00	2GD	2GD							
Thymelaea broterana2GD <t< td=""><td>Thlaspi jankae</td><td>M00</td><td></td><td></td><td></td><td>-</td><td></td><td>2XP</td><td></td><td></td><td></td><td></td></t<>	Thlaspi jankae	M00				-		2XP				
Thymus camphoratus*M00M00M00Thymus capitellatusIIIM00IIIThymus carnosusIIIIM00IIIIIThymus lotocephalus*IIIIIM00III <tdi< td="">III<!--</td--><td>Thorella verticillatinundata</td><td></td><td>M00</td><td></td><td></td><td></td><td>MO</td><td></td><td></td><td></td><td></td><td></td></tdi<>	Thorella verticillatinundata		M00				MO					
Thymus capitellatusMOMOOMOOThymus carnosusMOMOOMOOMOOThymus lotocephalus*MOOMOOMOOMOOThymus villosus ssp. villosusMOOMOOMOOMOOTortella rigensMOO2GDMOOMOOMOOTozzia carpathica2GDZGD2GD2CD2GD2CDTrichomanes speciosum2GD2GD2CD2CD2CD2CD	Thymelaea broterana		2GD				2GD					
Thymus carnosusMOMOMOMOThymus lotocephalus*MOMOMOOMOOThymus villosus ssp. villosusMOOMOOMOOMOOTortella rigensMOO2GDMOOMOOMOOTozzia carpathica2GDCCCCTrichomanes speciosum2GD2GD2CR2GDCC	Thymus camphoratus*						M00					
Thymus lotocephalus*Image: Second second	Thymus capitellatus						M00					
Thymus villosus ssp. villosusM002GDM00M00Tortella rigensM002GDM00IITozzia carpathica2GDIIIITrichomanes speciosum2GD2GD2CR2GDII	Thymus carnosus						MO					2
Tortella rigensM002GDM00Tozzia carpathica2GDCCCTrichomanes speciosum2GD2GD2GD2CD	Thymus lotocephalus*						M00					
Tozzia carpathica     2GD     2GD     2GD     2GD       Trichomanes speciosum     2GD     2GD     2XR     2GD	Thymus villosus ssp. villosus						M00		(			
Trichomanes speciosum 2GD 2GD 2XR 2GD	Tortella rigens	M00		2GD	M00							
	Tozzia carpathica	2GD										
	Trichomanes speciosum	_	2GD		2GD	2XR	2GD					
Trifolium saxatile 2GD	Trifolium saxatile	2GD										
Trisetum subalpestre M0	Trisetum subalpestre	MO										
Tuberaria major*	Tuberaria major*						2XP					
Tulipa cypria M00	Tulipa cypria						M00					
Ulex densus M00	Ulex densus						M00					
Verbascum litigiosum M00	Verbascum litigiosum						M00					
Veronica micrantha MO MO	Veronica micrantha		MO				MO					
Veronica oetaea* M00	Veronica oetaea*						M00					
Vicia bifoliolata*	Vicia bifoliolata*						2XP					
Vincetoxicum pannonicum M00	Vincetoxicum pannonicum							M00				
Viola athois M00	Viola athois						моо			1		
Viola cazorlensis 2XP	Viola cazorlensis						2XP					
Viola delphinantha M00	Viola delphinantha						моо					
Viola hispida* M00	Viola hispida*		M00									
Viola jaubertiana M00	Viola jaubertiana						M00					
Viola paradoxa M00	Viola paradoxa					M00						
Viola rupestris ssp. relicta M0	Viola rupestris ssp. relicta	MO										
Wagenitzia lancifolia M00	Wagenitzia lancifolia				İ		М00					
Woodwardia radicans   M0   2GD   2GD	Woodwardia radicans		МО			2GD	2GD					
Zelkova abelicea M00	Zelkova abelicea											

### COSTAL AND HALOPHYTIC HABITATS

						Regions					
Habitats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
1110 - Sandbanks slightly covered by sea water all time								2GD	1	2XA	3GD
1120* - Posidonia beds (Posidonion oceanicae)											2GD
1130 - Estuaries		2GD	1	2GD		1					
1140 - Mudflats/sandflats not covered by sea water at low tide		2GD	1	1	M00	2GD					
1150* - Coastal lagoons		2XA	1	1	2XA	2GD					
1160 - Large shallow inlets and bays								2GD	2GD	M00	1
1170 - Reefs								2GD	2GD	2GD	2GD
1180 - Submarine structures made by leaking gases								MO	1		1
1210 - Annual vegetation of drift lines		2GD	1	1	1	2GD					
1220 - Perennial vegetation of stony banks		1	1	1	M00						
1230 - Vegetated sea cliffs of the Atlantic and Baltic coasts		2GD	1	1		2XA					
1240 - Sea cliffs of Med. coasts with endemic Limonium spp.				1		2XA					
1250 - Sea cliffs with endemic flora of the Macaronesian coast					1						
1310 - Salicornia and other annuals colonizing mud and sand		2GD	1	2XA		2GD					
1320 - Spartina swards (Spartinion maritimae)		2GD		2XA	M00	2GD					
1330 - Atlantic salt meadows (Glauco-Puccinellietalia maritima		2XR	M00	1		M00					
1340* - Inland salt meadows	2XA	1		2XA			2XA				
1410 - Mediterranean salt meadows (Juncetalia maritimi)		2XA		1	M00	2GD					
1420 - Mediterranean and thermo-Atlantic halophilous scrubs		2GD		1	M00	2GD					

#### Coastal and Halophytic Habitats (continued)

Habitats						Regions	;				
Habitats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
1430 - Halo-nitrophilous scrubs (Pegano-Salsoletea)		M00				2GD					
1510* - Mediterranean salt steppes (Limonietalia)				M00		2GD					
1520* - Iberian gypsum vegetation (Gypsophiletalia)						2XA					
1530* - Pannonic salt steppes and salt marshes				M00			1				
1610 - Baltic esker islands with beach and sublitoral veget.			1								
1620 - Boreal Baltic islets and small islands			MO	M00							
1630* - Boreal Baltic coastal meadows			1	M00							
1640 - Boreal Baltic sandy beaches with perennial vegetation			1								
1650 - Boreal Baltic narrow inlets			1								

### COASTAL SAND DUNES AND INLAND DUNES

Habitats						Regions	;				
Habitats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
2110 - Embryonic shifting dunes		2GD	1	2XR	M00	2GD					
2120 - Shoreline shifting white dunes with Ammophila arenaria		2XR	2XA	2XA		2GD					
2130* - Fixed coastal grey dunes with herbaceous vegetation		2GD	2XA	1	2GD	2GD					
2140* - Decalcified fixed dunes with Empetrum nigrum		1	2XA	1							
2150* - Atlantic decalcified fixed dunes (Calluno-Ulicetea)		2GD		M00		2GD					
2160 - Dunes with Hippophae rhamnoides		2XA		2XA							
2170 - Dunes with Salix repens ssp.argentea (Salix arenariae)		2XA	1	2XA		M00					
2180 - Wooded dunes of the Atlantic, Continental & Boreal reg.		2GD	2XA	1							
2190 - Humid dune slacks		2GD	1	2XA		2GD					
21A0 - Machairs (* in Ireland)		2XA									
2210 - Crucianellion maritimae fixed beach dunes						2XA					
2220 - Dunes with Euphorbia terracina						2XA					
2230 - Malcolmietalia dune grasslands	[	2GD		M00		2XR					
2240 - Brachypodietalia dune grasslands with annuals				M00		2GD					
2250* - Coastal dunes with Juniperus spp.		1		2XA		2GD					
2260 - Cisto-Lavenduletalia dune sclerophyllous scrubs		2GD		M00		2GD					
2270* - Wooded dunes with Pinus pinea and/or Pinus pinaster		M00		M00		2GD					
2310 - Dry sand heaths with Calluna and Genista	ļ	2XA		2XA							
2320 - Dry sand heaths with Calluna and Empetrum nigrum		2XA	2XA	1							
2330 - Inland dunes with open Corynephorus & Agrostis grassl.		2XR	2XA	1		2GD	M00				
2340* - Pannonic inland dunes				M00			1				

# FRESHWATER HABITATS

						Regions	6				
Habitats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
3110 - Oligotrophic waters (Littorelletalia uniflorae)	2XA	2GD	1	2XA		2GD					
3120 - Oligotrophic waters of West Med. with Isoetes spp.		M00		M00		2GD					
3130 - Oligo to mesotrophic waters (Littorelletea/Isoeto-Nano)	2XA	2GD	1	2XR	M00	2GD	2GD				
3140 - Hard oligo-mesotrophic waters with benthic Chara spp.	2XA	2GD	1	2XR		2GD	2XA				
3150 - Natural euthrophic lakes Magnopotamion/ Hydrochachition	2XA	2GD	2XA	2XR	M00	2GD	2XA				
3160 - Natural dystrophic lakes and ponds	1	2XR	2XA	2XA	M00	2GD	2XA				
3170* - Mediterranean temporary ponds	M00	2GD		M00	M00	2GD					
3180* - Turloughs	M00	2GD	M00	2XA							
3190 - Lakes of gypsum karst	M00		2XA	M00							
3210 - Fennoscandian natural rivers	2XA		MO	M00							
3220 - Alpine rivers & herbaceous veg. along their banks	2GD	M00	2GD	2XA	M00	M00					
3230 - Alpine rivers & ligneous veg. with Myricaria germanica	2GD			2XA		2XA					
3240 - Alpine rivers & ligneous vegetation with Salix eleagnos	2XA	M00		2XA		2XA					
3250 - Constantly flowing Med. rivers with Glaucium flavum	M00	M00		M00		2XA					
3260 - Water courses of plain to montane level (Ranunculion)	2GD	2GD	2GD	2GD		2GD	2XA				
3270 - Rivers with muddy banks (Chenopodion rubri & Bidention)	2GD	2XR	2XA	2GD		2GD	2XA				
3280 - Constantly flowing Med. rivers (Paspalo-Agrostidion)	M00			M00		2GD					
3290 - Intermittently flowing Med. rivers Paspalo-Agrostidion				M00		1					

# **TEMPERATE HEATH AND SCRUB**

Unbitata						Regions	;				
Habitats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
4010 - Northern Atlantic wet heaths with Erica tetralix		2GD	1	2XA		M00					
4020* - Temperate Atl. wet heaths with Erica ciliaris & E. tetralix	2GD	2GD		M00		2GD					
4030 - European dry heaths	2XA	2GD	1	2GD		2GD	2GD				
4040* - Dry Atlantic coastal heaths with Erica vagans		2GD									
4050* - Endemic Macaronesian heaths					1						
4060 - Alpine and Boreal heaths	2XA	2XA	1	1	M00	2XA					
4070* - Bushes with Pinus mugo and Rhododendron hirsutum	1			1							
4080 - Sub-Arctic Salix spp. scrub	1	M00	MO	1							
4090 - Endemic oro-Mediterranean heaths with gorse	2XA	2XA		M00	M00	2GD					
40A0* - Subcontinental peri-Pannonic scrub	M00			1			1				

# SCLEROPHYLLOUS SCRUB (MATORRAL)

						Regions	5				
Habitats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
5110 - Stable xerothermophilous formations Buxus sempervirens	2XA	2XA		2XA		2XA					
5120 - Mountain Cytisus purgans formations	2XA	M00		M00		2XA					
5130 - Juniperus communis formations on heaths/calcar. grassl.	2XA	2XA	2XA	2XA		2XA	2XA				
5140* - Cistus palhinhae formations on maritime wet heaths						M00					
5210 - Arborescent matorral with Juniperus spp.	2XA	M00		M00		2GD					
5220* - Arborescent matorral with Zyziphus						2XA					
5230* - Arborescent matorral with Laurus nobilis		2GD		M00		2GD					
5310 - Laurus nobilis thickets				M00		MO					
5320 - Low formations of Euphorbia close to cliffs						2XA					
5330 - Thermo-Mediterranean and pre-steppe scrub				M00	2XA	2GD					
5410 - West Med. clifftop phryganas Astralago-Plantaginetum.						2GD					
5420 - Sarcopoterium spinosum phrygana						2XA					
5430 - Endemic phryganas of the Euphorbieto-Verbascion						2GD					

### **NATURAL & SEMI-NATURAL GRASSLAND FORMATIONS**

Habitats						Region	s				
Habitats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
6110* - Rupicolous calcareous/basophilic grassl. Alysso-Sedion	2GD	2XA	2XA	2GD		2GD	2XA				
6120* - Xeric sand calcareous grasslands		2XA	2XA	2XA		M00	M00				
6130 - Calaminarian grasslands of the Violetalia calaminariae	2XA	2GD		2XA		2XA					
6140 - Siliceous Pyrenean Festuca eskia grasslands	3XA	M00									
6150 - Siliceous alpine and boreal grasslands	1	M00	MO	1							
6160 - Oro-Iberian Festuca indigesta grasslands		2GD				2GD					
6170 - Alpine and subalpine calcareous grasslands	2XA	2GD		2XA		2XA					
6180 - Macaronesian mesophile grasslands					M00						
6190 - Rupicolous Pann. grassl. Stipo-Festucetalia pallentis	M00			M00			2XA				
6210 - Seminatural dry grassl. & scrubland facies on calc. sub	2XA	2XA	2XA	2XA		2GD	2XA				
6220* - Pseudosteppe with grasses & annuals Thero-Brachypodiete	2GD	MO		2XA		2GD					
6230* - Species-rich Nardus grasslands, on siliceous substrates	2XA	2GD	2XA	2GD		2XA	M00				
6240* - Sub-continental steppic grasslands	2XA	1		2XA			2XA				
6250* - Pannonic loess steppic grasslands	1			M00			2XA				
6260* - Pannonic sand steppes				M00			2XA				
6270* - Fennoscandian lowland species-rich dry to mesic grassl.			2XA	M00							
6280* - Nordic alvar and precambrian calcareous flatrocks			2XA	M00							
62A0 - Eastern sub-med. dry grassl. (Scorzoneratal villosae)	2XA			2XA		M00					
62B0* - Serpentinophilous grasslands of Cyprus						M00					

#### NATURAL & SEMI-NATURAL GRASSLAND FORMATIONS (continued)

Habitats						Region	s				
Habitats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
6310 - Dehesas with evergreen Quercus spp.						2GD					
6410 - Molinia meadows on calc./peaty/clavey-silt-ladean soils	2XA	2GD	2XA	2GD		2GD	2XA				
6420 - Med. tall humid grassl. of the Molinio-Holoschoenion	2XA	2GD		M00	M00	2GD					
6430 - Hydrophilous tall herb fringe comm. of plains & montane	2GD	2XR	2XA	2XR		2GD	2XA				
6440 - Alluvial meadows of river valleys of the Cnidion dubii		M00		2XA			2XA				
6450 - Northern boreal alluvial meadows	M00		1								
6460 - Peat grasslands of Troodos						M00					
6510 - Lowland hay meadows (Alopecurus pratensis, Sanguisorba)	2XA	2GD	2XA	2XA		2GD	2XA				
6520 - Mountain hay meadows	2XA	M00	2XA	2XA		M00	M00				
6530* - Fennoscandian wooded meadows			1	M00							

#### **RAISED BOGS AND MIRES AND FENS**

Habitats						Regions	;				
naditats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
7110* - Active raised bogs	1	2XA	1	2XA	M00	2GD	M00				
7120 - Degraded raised bogs capable of natural regeneration	2XA	2XA	2XA	2XA	M00						
7130 - Blanket bog (*active only)	M00	2XA			M00						
7140 - Transition mires and quaking bogs	2GD	2GD	2XA	2XA	M00	2GD	1				
7150 - Depressions on peat substrates of the Rhynchosporion	2XA	2GD	2XA	2XA		2GD	M00				
7160 - Fennoscandian mineral-rich springs and springfens	MO		1	M00							
7210* - Calc. fens with Cladium mariscus & Caricion davallianae	2XA	2GD	1	1		2XA	M00				
7220* - Petrifying springs with tufa formation (Cratoneurion)	2GD	2GD	2XA	2GD	M00	3GD	M00				
7230 - Alkaline fens	2XA	2GD	2XA	2GD		2XA	2XA				
7240* - Alpine pioneer formations Caricion bicoloris-atrofuscae	2XR	M00									
7310* - Aapa mires	MO		2XA								
7320* - Palsa mires	1		M00								

# **ROCKY HABITATS AND CAVES**

						Regions	5				
Habitats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
8110 - Siliceous scree of the montane to snow levels	MO	2GD	MO	2XA		2GD					
8120 - Calcareous & calcshist screes of montane to alpine lev.	2XA	2GD	M00	2XA		MO					
8130 - Western Mediterranean and thermophilous screes	2GD	2GD		MO		2GD					
8140 - Eastern Mediterranean screes						2XA					
8150 - Medio-European upland siliceous screes	2GD	M00		2XR		M00	2XA				
8160* - Medio-European calcareous scree of hill & montane level	2XA	M00		2XR		M00	2XA				
8210 - Calcareous rocky slopes with chasmophytic vegetation	2XA	2GD	1	2XR		2GD	2XA				
8220 - Siliceous rocky slopes with chasmophytic vegetation	2GD	2GD	2XA	2GD	2XA	2GD	2GD				
8230 - Siliceous rock with pioneer veg. Sedo-Sclerathion/Veron	2XA	2GD	2XA	2GD	M00	2GD	2XA				
8240* - Limestone pavements	MO	2GD	2GD	2XA		2GD					
8310 - Caves not open to the public	2GD	2XR	2GD	2GD	2XA	2GD	2GD				
8320 - Fields of lava and natural excavations					2XA	2GD					
8330 - Submerged or partially submerged caves								2GD	M00	2XA	2GD
8340 - Permanent glaciers	2XA										

### FORESTS

Unb Sector						Regior	IS				
Habitats	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
9010* - Western Taiga	2XA		2XA	M00							
9020* - Fennoscandian old braod-leaved deciduous forests			2XA	M00							
9030* - Nat forests of primary succession of landupheaval coast			2XA								
9040 - Nordic subalp/subarctic forests Betula pub. czerepavoni	2XA		M00								
9050 - Fennoscandian herb-rich forests with Picea abies	MO		2XA								
9060 - Conif. forests on,or connected to, glaciofluvial eskers			2XA								
9070 - Fennoscandian wooded pastures	M00		2XA	M00							
9080* - Fennoscandian deciduous swamp woods			2XA	M00							
9110 - Luzulo-Fagetum beech forests	2XA	1	M00	2XA		2GD	2XA				
9120 - Atlantic acidophilous beech forests with llex	2XA	2XA		2XA		2XA					
9130 - Asperulo-Fagetum beech forests	2GD	2XA	M00	2XA		2XA	2XA				
9140 - Medio-Europ. subalp. beech woods Acer & Rumex arifolius	2XA			2GD		M00					
9150 - Medio-Europ. limestone beech forests Cephalanthero-Fagion	2GD	2GD		2XA		2XA	2XA				
9160 - Sub-Atlantic and medio-Europ. oak/oak-hornbeam forests	2XA	2GD	2XA	2GD		2GD					
9170 - Galio-Carpinetum oak-hornbeam forests	2XA	M00		2XA			M00				
9180* - Tilio-Acerion forest of slopes, screes and ravines	2XA	2XA	2XA	2GD		2XA	2XA				
9190 - Old acidophilous oak woods with Q. robur on sandy plain		2XA	2GD	2GD		M00	2XA				
91A0 - Old sessile oak woods with llex & Blechnum in British Isl.		2XA									
91B0 - Thermophilous Fraxinus angustifolia woods	M00			M00		2GD					

#### FORESTS (continued)

Habitats	Regions										
	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED
91C0* - Caledonian forest		M00									
91D0* - Bog woodland	2GD	2XA	2XA	2GD	M00		M00				
91E0* - Alluvial forests with Alnus glutinosa & F. excelsior	2XA	2GD	2GD	2XA		2GD	2XA				
91F0 - Riparian mixed forest of Quercus robur, Ulmus laevis	2XA	2XA	2XA	2XA		2GD	2XA				
91G0* - Pannonic woods with Q. petraea & Carpinus betululus	2GD			2XA			2XA				
91H0* - Pannonian woods with Quercus pubescens	2XA			2GD		M00	2XA				
9110* - Euro-Siberian steppic woods with Quercus spp.	M00			2GD			2XA				
91J0* - Taxus baccata woods of the British Isles		2XA									
91K0 - Illyrian Fagus sylvatica forests (Aremonio-Fagion)	MO			M00			M00				
91L0 - Illyrian oak-hornbeam forests (Erythronio-carpinion)	2XA			2XA			M00				
91M0 - Pannonian-Balkanic turkey oak-sessile oak forests	M00					M00	2XA				
91N0* - Pann. inland sand dune thicket Junipero-Populetum albae							2XA				
91P0 - Holy Cross fir forests (Abietetum polonicum)				M00							
91Q0 - Western Carpathian calcicolous Pinus sylvestris forests	MO										
91R0 - Dinaric dolomite Scots pine forests Genisto januensis-Pinetum	M00			M00							
91T0 - Central European lichen Scots pine forests		M00	M00	2XA							
91U0 - Sarmatic steppe pine forest				2XA							
9210* - Apennine beech forests with Taxus and llex	M00			M00		M00					
9220* - Apennine beech forests with Abies alba and beech forest	M00			M00		M00					
9230 - Galicio-Portuguese oak woods Q. robur & Q. pyrenaica		2GD				2GD					
9240 - Quercus faginea and Quercus canariensis Iberian woods	2XA	моо				2GD					
9250 - Quercus trojana woods						2XA					
9260 - Castanea sativa woods	2XA	M00		2XA		2GD					
9270 - Hellenic beech forests with Abies borisii-regis						M00					
9280 - Quercus frainetto woods						2XA					
9290 - Cupressus forests (Acero-Cupression)						2XA					

#### FORESTS (continued)

Habitats	Regions											
	ALP	ATL	BOR	CON	MAC	MED	PAN	MATL	MBAL	MMAC	MMED	
92A0 - Salix alba and Populus alba galleries	2XA	M00		2XA		2GD						
92B0 - Riparian formations on intermittent Med. courses Rhodo						2GD						
92C0 - Platanus orientalis and Liquidambar orientalis woods						2XA						
92D0 - Southern riparian galleries & thickets Nerio-Tamaric					M00	2GD						
9310 - Aegean Quercus brachyphylla woods						M00						
9320 - Olea and Ceratonia forests					2XA	2XR						
9330 - Quercus suber forests		2GD				2GD						
9340 - Quercus ilex and Quercus rotundifolia forests	2XA	МО		2XA		2GD						
9350 - Quercus macrolepis forests						2XA						
9360* - Macaronesian laurel forests (Laurus, Ocotea)					2XA							
9370* - Palm groves of Phoenix					M00	M00						
9380 - Forests of llex aquifolium		2GD				2GD						
9390* - Scrub and low forest vegetation with Quercus alnifolia						M00						
93A0 - Woodlands with Q. infectoria (Anagyro foetidae-Q. infec.)						M00						
9410 - Acidophilous Picea forests of montane to alpine levels	2XA			1		M00						
9420 - Alpine Larix decidua and/or Pinus cembra forests	1											
9430 - Subalpine and montane Pinus uncinata forests	2XA			2XA		2XA						
9510* - Southern Apennine Abies alba forests						M00						
9520 - Abies pinsapo forests						M00						
9530* - (Sub-)Mediterranean pine forest with endemic black pine	2XA			2XA		2XA						
9540 - Mediterranean pine forests with endemic Mesogean pines	M00			M00		2XA						
9550 - Canarian endemic pines forests					M00							
9560* - Endemic forests with Juniperus spp.	ЗХА	M00			2XA	2GD						
9570* - Tetraclinis articulata forests						2XA						
9580* - Mediterranean Taxus baccata woods	M00	2XA				2XA						
9590* - Cedrus brevifolia forests (Cedrosetum brevifoliae)						M00						