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CONVENTION ON THE CONSERVATION OF EUROPEAN WILDLIFE
AND NATURAL HABITATS

Standing Committee
26th meeting

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**Introduction on the procedures
and the purpose of HaBiDeS
(HABITATS AND BIRDS DIRECTIVE DEROGATION SYSTEM)**

*Document prepared by
the European Commission*

Introduction on the procedures and the purpose of HaBiDeS (HABITATS AND BIRDS DIRECTIVE DEROGATION SYSTEM)

Background

Chapter III of the Bern convention provide that a number of species are under strict protection and the Contracting Parties have to take all measures necessary to ensure the protection of these species. Under certain conditions however, the Contracting Parties may derogate from these provisions. The Contracting Parties shall forward report every two years to the Standing Committee on the exceptions made.

The Member States of the European Union have the obligation to protect species under the Habitats and the Birds directive and have to forward to the European Commission yearly (Birds Directive) or every two years (Habitats Directive) a report on the derogations. On the basis of the information communicated to it, the European Commission shall at all times ensure that the consequences of these derogations are not incompatible with the directives. It shall take appropriate steps to this end.

What is current HaBiDeS?

In order to streamline reporting required by different directives and the Bern convention, the European Commission developed a new web based application – HaBiDeS - to collect the derogation data and to create reports. This application was agreed by the Member States in Birds and Habitats Committees.

HaBiDeS does not require any local installation; all that is required is internet access and a browser. HaBiDeS will facilitate the reporting task of the derogation reporting authorities in the EU Member States and the evaluation of the reports by the Commission, as the information entered in the system will be in a standard format and the creation of reports and statistics will become easier this way.

To prevent a heavy user management workload for the Commission and for the responsible authorities in the Member States, the user management and the management of the access rights is decentralised and delegated to the level of the Member State. The Member States subsequently delegate reporting rights to different reporting authorities.

The sections of the IT tool that will be used by people in the countries who will have to report on derogations are currently being translated by the European Commission into all languages. The pages to be used by the national focal points to manage their users and to administer the system and the derogations will be in English only.

HaBiDeS users

The HaBiDeS administrator in the Commission creates Member State Administrators (MSA) and assigns them one or both directives. The MSAs can create Derogation Reporting Officers (DRO) and assign them their regions and directives. There is no limitation in the number of DROs an MSA can assign. The DROs are the bodies that actually enter the derogations and thereby report them to the higher levels.

1) European Commission; HaBiDeS Administrator:

- manages and creates the MSAs and assigns them their rights
- configures the reporting template
- manages the translations, species list, messenger
- acknowledges the receipt of the derogations accepted by the different MSAs
- analyses the derogation data

2) Member State Administrator (MSA)¹:

- creates and manages the DROs and assigns them their access rights and their regions
- maintains the list of licensing authorities of the country
- validates and accepts the derogations entered by the DROs

3) Derogation Reporting Officer (DRO):

- enters derogations

The HaBiDeS system is multilingual, and derogations can be entered in all official EU languages. However, to ensure good communication with the HaBiDeS Administrator at the Commission, the MSA should have a good command of English.

Since last year on the request of several Member States, a new functionality was added to the system. The system allows now for the uploading of derogations (import function) from existing national systems. Therefore, Member States can use their own system that is adapted to their specific needs and organisation (e.g. federal organisation), and import the derogations collected with these systems into HABIDES. They will of course have to respect the derogation format that is defined by the Commission. If this approach is used by the country, only one Member State Administrator will need to be designated to act as Member State's contact point vis à vis the Commission and to use the HABIDES system.

As illustration see Annex I – Screenshot of the Derogation reporting form, Annex II – List of reasons, methods and activities for derogation, Annex III – List of species for reporting to Bern convention.

HaBiDeS and the Bern Convention

The extension of HaBiDeS to cover the specific needs of the Article 9 of the Bern Convention is possible. It would considerably simplify reporting to the Bern Convention and allow Contracting Parties to use one common system to report on the whole range of derogations covered by EU legislation and the Bern Convention. It would also facilitate Community reporting to the Convention, analysis of derogations by the Convention's Secretariat and share of information among users. A number of changes will have to be made to the current system to adapt it to the specific needs of the Bern Convention reporting. The impact and cost of which should be investigated.

Another solution could be that a copy of the current system is given to the Secretariat of the Bern Convention and that is adapted by the Secretariat and installed on the CoE IT platform (HaBiDeS was developed in Coldfusion MX. The database used is Oracle) .

A first introductory presentation of the system was made during the Bern Convention Standing Committee meeting on 1st of December 2005.

¹ There is no limitation on the number of DRO's that can be created by the MSA.
There's no limitation on the number of DRO's per NUTS-2 region.
There's no limitation on the number of NUTS-2 regions that can be assigned to a DRO.

Appendix 1

Derogation Reporting Form		Save	Send to DRO	Wait for Results	Home	
User :	FR100					
Licensing Authority :	xxx					
Derogation Reference :	FR/BIR/2006/001052					
Region :	(FR52) Bretagne					
Directive :	Birds Directive	Reporting Period :	2006			
Licence Valid From :	02-10-2006	Licence Valid Until :	06-11-2006			
Permitted Activities :	Hunting	Permitted Methods :	(semi)auto weapons			
Reason for Granting Licence :	in the interests of public health					
Licenced :	Breeding Sites	Eggs	Individuals	Nests	Others	Resting Places
	0	0	100	0	0	0
Impact on Population :	Minor impact					
Supervisory Measure :	none					
Supervisory Measures :						
Is there a National Species Conservation Plan :	☐ No					
	☐ Yes					
Comments and Notes :						
		Save	Send to DRO	Wait for Results	Home	

Appendix 2

Description	Short form
in the interests of public health and safety (& public interest, Habitats Directive only)	public health & safety
in the interests of public health	public health interests
in the interests of public safety	public safety interests
for other imperative reasons of overriding public interest, including those of a social nature	public interest, social nature
for other imperative reasons of overriding public interest, including those of an economic nature	public interest, economic nature
for other imperative reasons of overriding public interest, including those of beneficial consequences of primary importance for the environment	public interest, environmental
in the interests of air safety	air safety
to prevent serious damage to crops, livestock, forests, fishery, water (and other types of property, Habitats Directive only)	prevent damage
to prevent serious damage to crops	prevent crop damage
to prevent serious damage to livestock	prevent livestock damage
to prevent serious damage to forests	prevent forestry damage
to prevent serious damage to fisheries	prevent fisheries damage
to prevent serious damage to water	prevent water damage
to prevent serious damage to agricultural stock-breeding	prevent stock-breeding damage
to prevent serious damage to other types of property	prevent damage to other property
for the protection of flora and fauna/conserving habitats	to protect flora & fauna
for the protection of wild flora	to protect wild flora
for the protection of wild fauna	to protect wild fauna
Conservation/protection of natural habitats	Conservation/protection habitats
for the purposes of research and teaching, of restocking, of re-introduction and for the breeding necessary for these purposes	for research, re-intro, re-stock
for the purposes of researching and teaching	for research & teaching
for the purposes of restocking	for re-stocking
for the purposes of re-introduction	for re-introduction
for the purposes of breeding necessary for activities 51, 52, 53	to allow breeding for 51-53
to permit, under strictly supervised conditions and on a selective basis, the capture, keeping or (judicious use of certain birds in small nos, BD only)	permit capture, keeping (or use)
to permit, under strictly supervised conditions and on a selective basis, the capture of certain specimens in small numbers (for HSD see Annex IV)	permit capture under supervision
to permit, under strictly supervised conditions and on a selective basis, the keeping of certain specimens in small numbers (for HSD see Annex IV)	permit keeping under supervision
to permit, under strictly supervised conditions and on a selective basis, other judicious use of certain birds in small numbers	permit judicious use

Appendix 3

Mid group	Species	Directive	Animal
INSECTIVORA	Atelerix algirus (Erinaceus algirus)	23	1
INSECTIVORA	Crocidura suaveolens ariadne	23	1
INSECTIVORA	Crocidura russula cypria	23	1
INSECTIVORA	Crocidura canariensis	23	1
INSECTIVORA	Desmana moschata	23	1
INSECTIVORA	Galemys pyrenaicus	23	1
RODENTIA	Pteromys volans	23	1
RODENTIA	Sciurus anomalus	23	1
RODENTIA	Spermophilus citellus	23	1
RODENTIA	Spermophilus suslicus	23	1
RODENTIA	Cricetus cricetus	23	1
RODENTIA	Mesocricetus newtoni	23	1
RODENTIA	Microtus bavaricus	23	1
RODENTIA	Microtus cabreræ	23	1
RODENTIA	Microtus tatricus	23	1
RODENTIA	Spalax graecus	23	1
RODENTIA	Dryomys laniger	23	1
RODENTIA	Myomimus roachi	23	1
RODENTIA	Sicista betulina	23	1
RODENTIA	Sicista subtilis	23	1
RODENTIA	Hystrix cristata	23	1
CARNIVORA	Alopex lagopus	23	1
CARNIVORA	Canis lupus	23	1
CARNIVORA	Cuon alpinus	23	1
CARNIVORA	Gulo gulo	23	1
CARNIVORA	Mustela eversmannii	23	1
CARNIVORA	Mustela lutreola (Lutreola lutreola)	23	1
CARNIVORA	Lutra lutra	23	1
CARNIVORA	Vormela peregusna	23	1
CARNIVORA	Caracal caracal	23	1
CARNIVORA	Felis silvestris	23	1
CARNIVORA	Lynx pardinus (Lynx pardina)	23	1
CARNIVORA	Panthera pardus	23	1
CARNIVORA	Panthera tigris	23	1
CARNIVORA	Odobenus rosmarus	23	1
CARNIVORA	Monachus monachus	23	1
CARNIVORA	Phoca hispida saimensis	23	1
CARNIVORA	Phoca hispida ladogensis	23	1
ARTIODACTYLA	Cervus elaphus corsicanus	23	1
ARTIODACTYLA	Capra aegagrus	23	1
ARTIODACTYLA	Capra pyrenaica pyrenaica	23	1
ARTIODACTYLA	Gazella subgutturosa	23	1
ARTIODACTYLA	Gazella dorcas	23	1
ARTIODACTYLA	Ovibos moschatus	23	1
ARTIODACTYLA	Rupicapra rupicapra ornata	23	1
CETACEA	Monodon monoceros	23	1
CETACEA	Delphinus delphis	23	1
CETACEA	Globicephala macrorhynchus	23	1
CETACEA	Globicephala melas	23	1
CETACEA	Grampus griseus	23	1
CETACEA	Lagenorhynchus acutus	23	1

CETACEA	Lagenorhynchus albirostris	23	1
CETACEA	Orcinus orca	23	1
CETACEA	Pseudorca crassidens	23	1
CETACEA	Steno bredanensis	23	1
CETACEA	Stenella coeruleoalba	23	1
CETACEA	Stenella frontalis	23	1
CETACEA	Tursiops truncatus (tursio)	23	1
CETACEA	Phocoena phocoena	23	1
CETACEA	Kogia breviceps	23	1
CETACEA	Kogia simus (Med.)	23	1
CETACEA	Physeter macrocephalus (Med.)	23	1
CETACEA	Hyperoodon rostratus	23	1
CETACEA	Mesoplodon bidens	23	1
CETACEA	Mesoplodon densirostris (Med.)	23	1
CETACEA	Mesoplodon mirus	23	1
CETACEA	Ziphius cavirostris	23	1
CETACEA	Balaenoptera acutorostrata (Med.)	23	1
CETACEA	Balaenoptera borealis (Med.)	23	1
CETACEA	Balaenoptera edeni	23	1
CETACEA	Balaenoptera physalus	23	1
CETACEA	Megaptera novaeangliae	23	1
CETACEA	Sibbaldus (Balaenoptera) musculus	23	1
CETACEA	Balaena mysticetus	23	1
CETACEA	Eubalaena glacialis	23	1
PODICIPEDIFORMES	Podiceps auritus	23	1
PODICIPEDIFORMES	Podiceps griseigena	23	1
PODICIPEDIFORMES	Podiceps nigricollis (caspicus)	23	1
PODICIPEDIFORMES	Podiceps ruficollis	23	1
PROCELLARIIFORMES	Bulweria bulwerii	23	1
PROCELLARIIFORMES	Procellaria diomedea	23	1
PROCELLARIIFORMES	Pterodroma madeira	23	1
PROCELLARIIFORMES	Pterodroma feae	23	1
PROCELLARIIFORMES	Puffinus assimilis baroli	23	1
PROCELLARIIFORMES	Puffinus puffinus	23	1
PROCELLARIIFORMES	Puffinus yelkouan	23	1
PELECANIFORMES	Phalacrocorax aristotelis (Med.)	23	1
PELECANIFORMES	Phalacrocorax pygmaeus	23	1
CICONIIFORMES	Ardea purpurea	23	1
CICONIIFORMES	Ardeola ralloides	23	1
CICONIIFORMES	Botaurus stellaris	23	1
CICONIIFORMES	Bulbucus (Ardeola) ibis	23	1
CICONIIFORMES	Casmerodius albus (Egretta alba)	23	1
CICONIIFORMES	Egretta garzetta	23	1
CICONIIFORMES	Ixobrychus minutus	23	1
CICONIIFORMES	Nycticorax nycticorax	23	1
CICONIIFORMES	Phoenicopterus ruber	23	1
ANSERIFORMES	Anser erythropus	23	1
ANSERIFORMES	Branta leucopsis	23	1
ANSERIFORMES	Branta ruficollis	23	1
ANSERIFORMES	Bucephala islandica	23	1
ANSERIFORMES	Cygnus cygnus	23	1
ANSERIFORMES	Cygnus bewickii (columbianus)	23	1
ANSERIFORMES	Histrionicus histrionicus	23	1
ANSERIFORMES	Marmaronetta (Anas) angustirostris	23	1

ANSERIFORMES	Mergus albellus	23	1
ANSERIFORMES	Oxyura leucocephala	23	1
ANSERIFORMES	Polysticta stelleri	23	1
ANSERIFORMES	Somateria spectabilis	23	1
ANSERIFORMES	Tadorna tadorna	23	1
ANSERIFORMES	Tadorna ferruginea	23	1
GALLIFORMES	Tetrao urogallus cantabricus	23	1
GRUIFORMES	Turnix sylvatica	23	1
GRUIFORMES	Crex crex	23	1
GRUIFORMES	Fulica cristata	23	1
GRUIFORMES	Porphyrio porphyrio	23	1
GRUIFORMES	Porzana porzana	23	1
GRUIFORMES	Porzana pusilla	23	1
GRUIFORMES	Porzana parva	23	1
CHARADRIIFORMES	Arenaria interpres	23	1
CHARADRIIFORMES	Charadrius alexandrinus	23	1
CHARADRIIFORMES	Charadrius dubius	23	1
CHARADRIIFORMES	Charadrius hiaticula	23	1
CHARADRIIFORMES	Charadrius leschenaulti	23	1
CHARADRIIFORMES	Eudromias morinellus	23	1
CHARADRIIFORMES	Hoplopterus spinosus	23	1
CHARADRIIFORMES	Calidris alba	23	1
CHARADRIIFORMES	Calidris alpina	23	1
CHARADRIIFORMES	Calidris ferruginea	23	1
CHARADRIIFORMES	Calidris maritima	23	1
CHARADRIIFORMES	Calidris minuta	23	1
CHARADRIIFORMES	Calidris temminckii	23	1
CHARADRIIFORMES	Gallinago media	23	1
CHARADRIIFORMES	Limicola falcinellus	23	1
CHARADRIIFORMES	Numenius tenuirostris	23	1
CHARADRIIFORMES	Tringa cinerea	23	1
CHARADRIIFORMES	Tringa glareola	23	1
CHARADRIIFORMES	Tringa hypoleucos	23	1
CHARADRIIFORMES	Tringa ochropus	23	1
CHARADRIIFORMES	Tringa stagnatilis	23	1
CHARADRIIFORMES	Burhinus oedicnemus	23	1
CHARADRIIFORMES	Chlidonias hybrida	23	1
CHARADRIIFORMES	Chlidonias leucopterus	23	1
CHARADRIIFORMES	Chlidonias niger	23	1
CHARADRIIFORMES	Gelochelidon nilotica	23	1
CHARADRIIFORMES	Hydroprogne caspia	23	1
CHARADRIIFORMES	Larus audouinii	23	1
CHARADRIIFORMES	Larus genei	23	1
CHARADRIIFORMES	Larus melanocephalus	23	1
CHARADRIIFORMES	Larus minutus	23	1
CHARADRIIFORMES	Larus (Xenia) sabini	23	1
CHARADRIIFORMES	Pagophila eburnea	23	1
CHARADRIIFORMES	Sterna albifrons	23	1
CHARADRIIFORMES	Sterna dougallii	23	1
CHARADRIIFORMES	Sterna hirundo	23	1
CHARADRIIFORMES	Sterna paradisaea (macrura)	23	1
CHARADRIIFORMES	Sterna sandvicensis	23	1
COLUMBIFORMES	Columba bollii	23	1
COLUMBIFORMES	Columba junoniae	23	1

CUCULIFORMES	Clamator glandarius	23	1
APODIFORMES	Apus caffer	23	1
APODIFORMES	Apus melba	23	1
APODIFORMES	Apus pallidus	23	1
APODIFORMES	Apus unicolor	23	1
CORACIIFORMES	Alcedo atthis	23	1
CORACIIFORMES	Ceryle rudis	23	1
CORACIIFORMES	Halcyon smyrnensis	23	1
CORACIIFORMES	Merops apiaster	23	1
CORACIIFORMES	Coracias garrulus	23	1
CORACIIFORMES	Upupa epops	23	1
PASSERIFORMES	Calandrella brachydactyla	23	1
PASSERIFORMES	Calandrella rufescens	23	1
PASSERIFORMES	Chersophilus duponti	23	1
PASSERIFORMES	Eremophila alpestris	23	1
PASSERIFORMES	Galerida theklae	23	1
PASSERIFORMES	Melanocorypha bimaculata	23	1
PASSERIFORMES	Melanocorypha calandra	23	1
PASSERIFORMES	Melanocorypha leucoptera	23	1
PASSERIFORMES	Melanocorypha yeltoniensis	23	1
PASSERIFORMES	Pycnonotus barbatus	23	1
PASSERIFORMES	Bombycilla garrulus	23	1
PASSERIFORMES	Cinclus cinclus	23	1
PASSERIFORMES	Cercotrichas galactotes	23	1
PASSERIFORMES	Erithacus rubecula	23	1
PASSERIFORMES	Irania gutturalis	23	1
PASSERIFORMES	Luscinia luscinia	23	1
PASSERIFORMES	Luscinia megarhynchos	23	1
PASSERIFORMES	Luscinia (Cyanosylvia) svecica	23	1
PASSERIFORMES	Monticola saxatilis	23	1
PASSERIFORMES	Monticola solitarius	23	1
PASSERIFORMES	Oenanthe finischii	23	1
PASSERIFORMES	Oenanthe hispanica	23	1
PASSERIFORMES	Oenanthe isabellina	23	1
PASSERIFORMES	Oenanthe leucura	23	1
PASSERIFORMES	Oenanthe oenanthe	23	1
PASSERIFORMES	Oenanthe pleschanka (leucomela)	23	1
PASSERIFORMES	Phoenicurus ochruros	23	1
PASSERIFORMES	Phoenicurus phoenicurus	23	1
PASSERIFORMES	Saxicola dacotiae	23	1
PASSERIFORMES	Saxicola rubetra	23	1
PASSERIFORMES	Saxicola torquata	23	1
PASSERIFORMES	Tarsiger cyanurus	23	1
PASSERIFORMES	Turdus torquatus	23	1
PASSERIFORMES	Panurus biarmicus	23	1
PASSERIFORMES	Calcarius lapponicus	23	1
PASSERIFORMES	Emberiza aureola	23	1
PASSERIFORMES	Emberiza caesia	23	1
PASSERIFORMES	Emberiza cia	23	1
PASSERIFORMES	Emberiza cineracea	23	1
PASSERIFORMES	Emberiza cirrus	23	1
PASSERIFORMES	Emberiza citrinella	23	1
PASSERIFORMES	Emberiza leucocephala	23	1
PASSERIFORMES	Emberiza melanocephala	23	1

PASSERIFORMES	Emberiza pusilla	23	1
PASSERIFORMES	Emberiza rustica	23	1
PASSERIFORMES	Emberiza schoeniclus	23	1
PASSERIFORMES	Plectrophenax nivalis	23	1
PASSERIFORMES	Carduelis cannabina	23	1
PASSERIFORMES	Carduelis carduelis	23	1
PASSERIFORMES	Carduelis chloris	23	1
PASSERIFORMES	Carduelis flammea	23	1
PASSERIFORMES	Carduelis flavirostris	23	1
PASSERIFORMES	Carduelis hornemanni	23	1
PASSERIFORMES	Carduelis spinus	23	1
PASSERIFORMES	Carpodacus erythrinus	23	1
PASSERIFORMES	Coccothraustes coccothraustes	23	1
PASSERIFORMES	Fringilla teydea	23	1
PASSERIFORMES	Loxia curvirostra	23	1
PASSERIFORMES	Loxia leucoptera	23	1
PASSERIFORMES	Loxia pityopsittacus	23	1
PASSERIFORMES	Loxia scotica	23	1
PASSERIFORMES	Pinicola enucleator	23	1
PASSERIFORMES	Rhodopechys githaginea	23	1
PASSERIFORMES	Serinus citrinella	23	1
PASSERIFORMES	Serinus pusillus	23	1
PASSERIFORMES	Serinus serinus	23	1
PASSERIFORMES	Montifringilla nivalis	23	1
PASSERIFORMES	Petronia petronia	23	1
PASSERIFORMES	Sturnus roseus	23	1
PASSERIFORMES	Sturnus unicolor	23	1
PASSERIFORMES	Oriolus oriolus	23	1
PASSERIFORMES	Cyanopica cyanus	23	1
PASSERIFORMES	Nucifraga caryocatactes	23	1
PASSERIFORMES	Perisoreus infaustus	23	1
PASSERIFORMES	Pyrrhonorax graculus	23	1
PASSERIFORMES	Pyrrhonorax pyrrhonorax	23	1
TESTUDINES	Testudo graeca	23	1
TESTUDINES	Testudo hermanni	23	1
TESTUDINES	Testudo marginata	23	1
TESTUDINES	Emys orbicularis	23	1
TESTUDINES	Mauremys caspica	23	1
TESTUDINES	Dermochelys coriacea	23	1
TESTUDINES	Caretta caretta	23	1
TESTUDINES	Chelonia mydas	23	1
TESTUDINES	Eretmochelys imbricata	23	1
TESTUDINES	Lepidochelys kempii	23	1
TESTUDINES	Rafetus euphraticus	23	1
TESTUDINES	Trionyx triunguis	23	1
SAURIA	Cyrtodactylus kotschy	23	1
SAURIA	Tarentola angustimentalis	23	1
SAURIA	Tarentola boettgeri	23	1
SAURIA	Tarentola delalandii	23	1
SAURIA	Tarentola gomerensis	23	1
SAURIA	Phyllodactylus europaeus	23	1
SAURIA	Stellio stellio (Agama stellio)	23	1
SAURIA	Chamaeleo chamaeleon	23	1
SAURIA	Algyroides fitzingeri	23	1

SAURIA	Algyroides marchi	23	1
SAURIA	Algyroides moreoticus	23	1
SAURIA	Algyroides nigropunctatus	23	1
SAURIA	Archaeolacerta bedriagae (Lacerta bedriagae)	23	1
SAURIA	Archaeolacerta monticola (Lacerta monticola)	23	1
SAURIA	Gallotia galloti	23	1
SAURIA	Gallotia simonyi (Lacerta simonyi)	23	1
SAURIA	Gallotia stehlini	23	1
SAURIA	Lacerta agilis	23	1
SAURIA	Lacerta clarkorum	23	1
SAURIA	Lacerta dugesii	23	1
SAURIA	Lacerta graeca	23	1
SAURIA	Lacerta horvathi	23	1
SAURIA	Lacerta lepida	23	1
SAURIA	Lacerta parva	23	1
SAURIA	Lacerta princeps	23	1
SAURIA	Lacerta schreiberi	23	1
SAURIA	Lacerta trilineata	23	1
SAURIA	Lacerta viridis	23	1
SAURIA	Ophisops elegans	23	1
SAURIA	Podarcis erhardii	23	1
SAURIA	Podarcis filfolensis	23	1
SAURIA	Podarcis lilfordi	23	1
SAURIA	Podarcis melisellensis	23	1
SAURIA	Podarcis milensis	23	1
SAURIA	Podarcis muralis	23	1
SAURIA	Podarcis peloponnesiaca	23	1
SAURIA	Podarcis pityusensis	23	1
SAURIA	Podarcis sicula	23	1
SAURIA	Podarcis taurica	23	1
SAURIA	Podarcis tiliguerta	23	1
SAURIA	Podarcis wagleriana	23	1
SAURIA	Ophisaurus apodus	23	1
SAURIA	Ablepharus kitaibelii	23	1
SAURIA	Chalcides bedriagai	23	1
SAURIA	Chalcides ocellatus	23	1
SAURIA	Chalcides sexlineatus	23	1
SAURIA	Chalcides simonyi (Chalcides occidentalis)	23	1
SAURIA	Chalcides viridianus	23	1
SAURIA	Ophiomorus punctatissimus	23	1
OPHIDIA	Coluber cypriensis	23	1
OPHIDIA	Coluber gemonensis	23	1
OPHIDIA	Coluber hippocrepis	23	1
OPHIDIA	Coluber jugularis ²	23	1
OPHIDIA	Coluber najadum ³	23	1
OPHIDIA	Coluber viridiflavus	23	1
OPHIDIA	Coronella austriaca	23	1
OPHIDIA	Elaphe longissima	23	1
OPHIDIA	Elaphe quatuorlineata	23	1
OPHIDIA	Elaphe situla	23	1
OPHIDIA	Natrix megaloccephala	23	1
OPHIDIA	Natrix tessellata	23	1
OPHIDIA	Telescopus fallax	23	1
OPHIDIA	Vipera albizona	23	1

OPHIDIA	Vipera ammodytes	23	1
OPHIDIA	Vipera barani	23	1
OPHIDIA	Vipera kaznakovi	23	1
OPHIDIA	Vipera latasti	23	1
OPHIDIA	Vipera lebetina ⁴	23	1
OPHIDIA	Vipera pontica	23	1
OPHIDIA	Vipera ursinii	23	1
OPHIDIA	Vipera wagneri	23	1
OPHIDIA	Vipera xanthina	23	1
CAUDATA	Chioglossa lusitanica	23	1
CAUDATA	Euproctus asper	23	1
CAUDATA	Euproctus montanus	23	1
CAUDATA	Euproctus platycephalus	23	1
CAUDATA	Mertensiella luschani	23	1
CAUDATA	Neurergus crocatus	23	1
CAUDATA	Neurergus strauchi	23	1
CAUDATA	Salamandra atra ⁵	23	1
CAUDATA	Salamandrina terdigitata	23	1
CAUDATA	Triturus carnifex	23	1
CAUDATA	Triturus cristatus	23	1
CAUDATA	Triturus dobrogicus	23	1
CAUDATA	Triturus italicus	23	1
CAUDATA	Triturus karelinii	23	1
CAUDATA	Triturus montandoni	23	1
CAUDATA	Speleomantes flavus (Hydromantes flavus)	23	1
CAUDATA	Speleomantes genei (Hydromantes genei)	23	1
CAUDATA	Speleomantes imperialis	23	1
CAUDATA	Speleomantes italicus (Hydromantes italicus)	23	1
CAUDATA	Speleomantes supramontis	23	1
CAUDATA	Proteus anguinus	23	1
ANURA	Alytes cisternasii	23	1
ANURA	Alytes muletensis	23	1
ANURA	Alytes obstetricans	23	1
ANURA	Bombina bombina	23	1
ANURA	Bombina variegata	23	1
ANURA	Discoglossus galganoi	23	1
ANURA	Discoglossus jeanneae	23	1
ANURA	Discoglossus montalentii	23	1
ANURA	Discoglossus pictus	23	1
ANURA	Discoglossus sardus	23	1
ANURA	Pelobates cultripipes	23	1
ANURA	Pelobates fuscus	23	1
ANURA	Pelobates syriacus	23	1
ANURA	Pelodytes caucasicus	23	1
ANURA	Bufo calamita	23	1
ANURA	Bufo viridis	23	1
ANURA	Hyla arborea	23	1
ANURA	Hyla meridionalis	23	1
ANURA	Hyla sarda	23	1
ANURA	Rana arvalis	23	1
ANURA	Rana dalmatina	23	1
ANURA	Rana holtzi	23	1
ANURA	Rana iberica	23	1
ANURA	Rana italica	23	1

ANURA	<i>Rana latastei</i>	23	1
PETROMYZONIFORMES	<i>Lethenteron zanandrai</i> (Med.)	23	1
LAMNIFORMES	<i>Cetorhinus maximus</i> (Med.)	23	1
LAMNIFORMES	<i>Carcharodon carcharias</i> (Med.)	23	1
RAJIFORMES	<i>Mobula mobular</i> (Med.)	23	1
ACIPENSERIFORMES	<i>Acipenser naccarii</i>	23	1
ACIPENSERIFORMES	<i>Acipenser sturio</i>	23	1
ACIPENSERIFORMES	<i>Huso huso</i> (Med.)	23	1
ESOCIFORMES	<i>Umbra krameri</i>	23	1
ATHERINIFORMES	<i>Aphanius fasciatus</i> (Med.)	23	1
ATHERINIFORMES	<i>Aphanius iberus</i> (Med.)	23	1
ATHERINIFORMES	<i>Valencia hispanica</i>	23	1
ATHERINIFORMES	<i>Valencia letourneuxi</i>	23	1
GASTEROSTEIFORMES	<i>Hippocampus hippocampus</i> (Med.)	23	1
GASTEROSTEIFORMES	<i>Hippocampus ramulosus</i> (Med.)	23	1
PERCIFORMES	<i>Romanichthys valsanicola</i>	23	1
PERCIFORMES	<i>Zingel asper</i>	23	1
PERCIFORMES	<i>Pomatoschistus canestrinii</i> (Med.)	23	1
PERCIFORMES	<i>Pomatoschistus tortonesei</i> (Med.)	23	1
INSECTA	<i>Apteromantis aptera</i>	23	1
INSECTA	<i>Palingenia longicauda</i>	23	1
INSECTA	<i>Aeshna viridis</i>	23	1
INSECTA	<i>Brachythemis fuscopalliata</i>	23	1
INSECTA	<i>Calopteryx syriaca</i>	23	1
INSECTA	<i>Coenagrion freyi</i>	23	1
INSECTA	<i>Coenagrion mercuriale</i>	23	1
INSECTA	<i>Cordulegaster trinacriae</i>	23	1
INSECTA	<i>Gomphus graslinii</i>	23	1
INSECTA	<i>Leucorrhinia albifrons</i>	23	1
INSECTA	<i>Leucorrhinia caudalis</i>	23	1
INSECTA	<i>Leucorrhinia pectoralis</i>	23	1
INSECTA	<i>Lindenia tetraphylla</i>	23	1
INSECTA	<i>Macromia splendens</i>	23	1
INSECTA	<i>Ophiogomphus cecilia</i>	23	1
INSECTA	<i>Oxygastra curtisii</i>	23	1
INSECTA	<i>Stylurus (= Gomphus) flavipes</i>	23	1
INSECTA	<i>Sympecma braueri</i>	23	1
INSECTA	<i>Baetica ustulata</i>	23	1
INSECTA	<i>Saga pedo</i>	23	1
INSECTA	<i>Buprestis splendens</i>	23	1
INSECTA	<i>Carabus bessarabicus</i>	23	1
INSECTA	<i>Carabus hungaricus</i>	23	1
INSECTA	<i>Carabus olympiae</i>	23	1
INSECTA	<i>Cerambyx cerdo</i>	23	1
INSECTA	<i>Cucujus cinnaberinus</i>	23	1
INSECTA	<i>Dytiscus latissimus</i>	23	1
INSECTA	<i>Graphoderus bilineatus</i>	23	1
INSECTA	<i>Osmoderma eremita</i>	23	1
INSECTA	<i>Rosalia alpina</i>	23	1
INSECTA	<i>Apatura metis</i>	23	1
INSECTA	<i>Coenonympha hero</i>	23	1
INSECTA	<i>Coenonympha oedippus</i>	23	1
INSECTA	<i>Erebia calcaria</i>	23	1
INSECTA	<i>Erebia christi</i>	23	1

INSECTA	Erebia sudetica	23	1
INSECTA	Eriogaster catax	23	1
INSECTA	Euphydryas (Eurodryas) aurinia	23	1
INSECTA	Fabriciana elisa	23	1
INSECTA	Hyles hippophaes	23	1
INSECTA	Hypodryas maturna	23	1
INSECTA	Lopinga achine	23	1
INSECTA	Lycaena dispar	23	1
INSECTA	Maculinea arion	23	1
INSECTA	Maculinea nausithous	23	1
INSECTA	Maculinea teleius	23	1
INSECTA	Melanargia arge	23	1
INSECTA	Papilio alexanor	23	1
INSECTA	Papilio hospiton	23	1
INSECTA	Parnassius apollo	23	1
INSECTA	Parnassius mnemosyne	23	1
INSECTA	Plebicula golgus	23	1
INSECTA	Polyommatus galloi	23	1
INSECTA	Polyommatus humedasaes	23	1
INSECTA	Proserpinus prosperpina	23	1
INSECTA	Zerynthia polyxena	23	1
ARACHNIDA	Macrothele calpeiana	23	1
CRUSTACEA	Ocypode cursor (Med.)	23	1
CRUSTACEA	Pachyplasma giganteum (Med.)	23	1
GASTROPODA	Gibbula nivosus (Med.)	23	1
GASTROPODA	Patella ferruginea (Med.)	23	1
GASTROPODA	Patella nigra (Med.)	23	1
GASTROPODA	Charonia rubicunda (= <i>C. lampas</i> =	23	1
GASTROPODA	Charonia tritonis (= <i>C. seguenziae</i>)	23	1
GASTROPODA	Dendropoma petraeum (Med.)	23	1
GASTROPODA	Erosaria spurca (Med.)	23	1
GASTROPODA	Luria lurida (= <i>Cypraea lurida</i>) (Med.)	23	1
GASTROPODA	Mitra zonata (Med.)	23	1
GASTROPODA	Ranella olearia (Med.)	23	1
GASTROPODA	Schilderia achatidea (Med.)	23	1
GASTROPODA	Tonna galea (Med.)	23	1
GASTROPODA	Zonaria pyrum (Med.)	23	1
GASTROPODA	Caseolus calculus	23	1
GASTROPODA	Caseolus commixta	23	1
GASTROPODA	Caseolus sphaerula	23	1
GASTROPODA	Discus defloratus	23	1
GASTROPODA	Discus guerinianus	23	1
GASTROPODA	Discula leacockiana	23	1
GASTROPODA	Discula tabellata	23	1
GASTROPODA	Discula testudinalis	23	1
GASTROPODA	Discula turricula	23	1
GASTROPODA	Elona quimperiana	23	1
GASTROPODA	Geomalacus maculosus	23	1
GASTROPODA	Geomitra moniziana	23	1
GASTROPODA	Helix subplicata	23	1
GASTROPODA	Leiostyla abbreviata	23	1
GASTROPODA	Leiostyla cassida	23	1
GASTROPODA	Leiostyla corneocostata	23	1
GASTROPODA	Leiostyla gibba	23	1

GASTROPODA	Leiostryla lamellosa	23	1
BIVALVIA	Margaritifera auricularia	23	1
BIVALVIA	Lithophaga lithophaga (Med.)	23	1
BIVALVIA	Pinna perula (Med.)	23	1
BIVALVIA	Pholas dactylus (Med.)	23	1
ASTERIDAE	Asterina pancerii (Med.)	23	1
ASTERIDAE	Ophidiaster ophidianus (Med.)	23	1
ECHINIDAE	Centrostephanus longispinus (Med.)	23	1
HYDROZOA	Errina aspera (Med.)	23	1
ANTHOZOA	Astroides calycularis (Med.)	23	1
ANTHOZOA	Gerardia savaglia (Med.)	23	1
PORIFERA	Aplysina cavernicola (Med.)	23	1
PORIFERA	Asbestopluma hypogea (Med.)	23	1
PORIFERA	Axinelle polyplodes (Med.)	23	1
PORIFERA	Petrobiona massiliana (Med.)	23	1
INSECTIVORA	Erinaceus europaeus	23	1
MICROCHIROPTERA	Pipistrellus pipistrellus	23	1
DUPLICIDENTATA	Lepus capensis (europaeus)	23	1
DUPLICIDENTATA	Lepus timidus	23	1
RODENTIA	Marmota marmota	23	1
RODENTIA	Sciurus vulgaris	23	1
RODENTIA	Castor fiber	23	1
RODENTIA	Microtus nivalis (lebrunii)	23	1
RODENTIA	Microtus ratticeps (oeconomus)	23	1
CARNIVORA	Martes foina	23	1
CARNIVORA	Martes martes	23	1
CARNIVORA	Meles meles	23	1
CARNIVORA	Mustela erminea	23	1
CARNIVORA	Mustela nivalis	23	1
CARNIVORA	Putorius (Mustela) putorius	23	1
CARNIVORA	Lynx lynx	23	1
CARNIVORA	Cystophora cristata	23	1
CARNIVORA	Erignathus barbatus	23	1
CARNIVORA	Pagophilus groenlandicus (Phoca groenlandica)	23	1
CARNIVORA	Phoca vitulina	23	1
CARNIVORA	Phoca hispida (Pusa hispida)	23	1
CARNIVORA	Halichoerus grypus	23	1
ARTIODACTYLA	Sus scrofa meridionalis	23	1
ARTIODACTYLA	Bison bonasus	23	1
ARTIODACTYLA	Capra ibex	23	1
ARTIODACTYLA	Capra pyrenaica	23	1
ARTIODACTYLA	Ovis aries (musimon, ammon)	23	1
ARTIODACTYLA	Rupicapra rupicapra	23	1
PLEUROTREMATA	Isurus oxyrinchus (Med.)	23	1
PLEUROTREMATA	Lamna nasus (Med.)	23	1
PLEUROTREMATA	Prionace glauca (Med.)	23	1
PLEUROTREMATA	Squatina squatina (Med.)	23	1
HYPOTREMATA	Raja alba (Med.)	23	1
PETROMYZONIFORMES	Eudontomyzon hellenicum	23	1
PETROMYZONIFORMES	Eudontomyzon mariae	23	1
PETROMYZONIFORMES	Eudontomyzon vladkovi	23	1
PETROMYZONIFORMES	Lampetra fluviatilis	23	1
PETROMYZONIFORMES	Lampetra planeri	23	1
PETROMYZONIFORMES	Lampetra zanandrai	23	1

PETROMYZONIFORMES	Petromyzon marinus	23	1
ACIPENSERIFORMES	Acipenser ruthenus	23	1
ACIPENSERIFORMES	Acipenser stellatus	23	1
ACIPENSERIFORMES	Huso huso	23	1
CLUPEIFORMES	Alosa alosa	23	1
CLUPEIFORMES	Alosa fallox	23	1
CLUPEIFORMES	Alosa pontica	23	1
SALMONIFORMES	Coregonus	23	1
SALMONIFORMES	Thymallus thymallus	23	1
SALMONIFORMES	Hucho hucho	23	1
SALMONIFORMES	Salmo salar	23	1
CYPRINIFORMES	Abramis ballerus	23	1
CYPRINIFORMES	Abramis sapa	23	1
CYPRINIFORMES	Abramis vimba	23	1
CYPRINIFORMES	Alburnoides bipunctatus	23	1
CYPRINIFORMES	Alburnus albidus	23	1
CYPRINIFORMES	Aspius aspius	23	1
CYPRINIFORMES	Barbus bocagei	23	1
CYPRINIFORMES	Barbus comiza	23	1
CYPRINIFORMES	Barbus meridionalis	23	1
CYPRINIFORMES	Barbus microcephalus	23	1
CYPRINIFORMES	Barbus peloponesis	23	1
CYPRINIFORMES	Barbus plebejus	23	1
CYPRINIFORMES	Barbus sclateri	23	1
CYPRINIFORMES	Barbus steindachneri	23	1
CYPRINIFORMES	Chalcalburnus chalcoides	23	1
CYPRINIFORMES	Chondrostoma genei	23	1
CYPRINIFORMES	Chondrostoma kneri	23	1
CYPRINIFORMES	Chondrostoma lemingi	23	1
CYPRINIFORMES	Chondrostoma lusitanicum	23	1
CYPRINIFORMES	Chondrostoma nasus	23	1
CYPRINIFORMES	Chondrostoma phoxinus	23	1
CYPRINIFORMES	Chondrostoma polylepis	23	1
CYPRINIFORMES	Chondrostoma soetta	23	1
CYPRINIFORMES	Chondrostoma toxostoma	23	1
CYPRINIFORMES	Chondrostoma willkommi	23	1
CYPRINIFORMES	Gobio albipinnatus	23	1
CYPRINIFORMES	Gobio kessleri	23	1
CYPRINIFORMES	Gobio uranoscopus	23	1
CYPRINIFORMES	Leucaspis delineatus	23	1
CYPRINIFORMES	Leucaspis stymphalicus	23	1
CYPRINIFORMES	Leuciscus illyricus	23	1
CYPRINIFORMES	Leuciscus lucumotis	23	1
CYPRINIFORMES	Leuciscus microlepis	23	1
CYPRINIFORMES	Leuciscus polylepis	23	1
CYPRINIFORMES	Leuciscus pyrenaicus	23	1
CYPRINIFORMES	Leuciscus souffia	23	1
CYPRINIFORMES	Leuciscus svallize	23	1
CYPRINIFORMES	Leuciscus turskyi	23	1
CYPRINIFORMES	Leuciscus ukliva	23	1
CYPRINIFORMES	Pachychilon pictum	23	1
CYPRINIFORMES	Pelecus cultratus	23	1
CYPRINIFORMES	Phoxinellus adspersus	23	1
CYPRINIFORMES	Phoxinellus hispanicus	23	1

CYPRINIFORMES	Pseudophoxinus marathonicus	23	1
CYPRINIFORMES	Pseudophoxinus stymphalicus	23	1
CYPRINIFORMES	Rhodeus sericeus	23	1
CYPRINIFORMES	Rutilus alburnoides	23	1
CYPRINIFORMES	Rutilus arcasii	23	1
CYPRINIFORMES	Rutilus frisii	23	1
CYPRINIFORMES	Rutilus graecus	23	1
CYPRINIFORMES	Rutilus lemmingii	23	1
CYPRINIFORMES	Rutilus macedonicus	23	1
CYPRINIFORMES	Rutilus macrolepidotus	23	1
CYPRINIFORMES	Rutilus pigus	23	1
CYPRINIFORMES	Rutilus racovitzai	23	1
CYPRINIFORMES	Rutilus rubilio	23	1
CYPRINIFORMES	Cobitis elongata	23	1
CYPRINIFORMES	Cobitis hassi	23	1
CYPRINIFORMES	Cobitis larvata	23	1
CYPRINIFORMES	Cobitis paludicola	23	1
CYPRINIFORMES	Cobitis taenia	23	1
CYPRINIFORMES	Cobitis trichonica	23	1
CYPRINIFORMES	Misgurnis fossilis	23	1
CYPRINIFORMES	Sabanejewia aurata	23	1
CYPRINIFORMES	Sabanejewia calderoni	23	1
SILURIFORMES	Siluris aristotelis	23	1
SILURIFORMES	Siluris glanis	23	1
ATHERINIFORMES	Aphanius fasciatus	23	1
ATHERINIFORMES	Aphanius iberus	23	1
GASTEROSTEIFORMES	Syngnathus abaster	23	1
GASTEROSTEIFORMES	Syngnathus nigrolineatus	23	1
GASTEROSTEIFORMES		23	1
GASTEROSTEIFORMES	Pungitius hellenicus	23	1
GASTEROSTEIFORMES	Tuntitius platygaster	23	1
SCORPAENIFORMES	Cottus poecilopus	23	1
SCORPAENIFORMES	Myoxocephalus quadricornis	23	1
PERCIFORMES	Epinephelus marginatus (Med.)	23	1
PERCIFORMES	Sciæna umbra (Med.)	23	1
PERCIFORMES	Umbrina cirrosa (Med.)	23	1
PERCIFORMES	Gymnocephalus baloni	23	1
PERCIFORMES	Gymnocephalus schraetzer	23	1
PERCIFORMES	Stizostedion volgenese	23	1
PERCIFORMES	Zingel streber	23	1
PERCIFORMES	Zingel zingel	23	1
PERCIFORMES	Blennius fluviatilis	23	1
PERCIFORMES	Gobius fluviatilis	23	1
PERCIFORMES	Gobius kessleri	23	1
PERCIFORMES	Gobius nigricans	23	1
PERCIFORMES	Gobius ophiocephalus	23	1
PERCIFORMES	Gobius syrman	23	1
PERCIFORMES	Gobius thressalus	23	1
PERCIFORMES	Padogobius martensi	23	1
PERCIFORMES	Padogobius panizzai	23	1
PERCIFORMES	Pomatoschistus canestrini	23	1
PERCIFORMES	Pomatoschistus microps	23	1
PERCIFORMES	Pomatoschistus minutus	23	1
PERCIFORMES	Proterorhinus marmoratus	23	1

INSECTA	Lucanus cervus	23	1
INSECTA	Graellsia isabellae	23	1
CRUSTACEA	Astacus astacus	23	1
CRUSTACEA	Austropotamobius pallipes	23	1
CRUSTACEA	Austropotamobius torrentium	23	1
CRUSTACEA	Homarus gammarus (Med.)	23	1
CRUSTACEA	Maja squinado (Med.)	23	1
CRUSTACEA	Palinurus elephas (Med.)	23	1
CRUSTACEA	Scyllarides latus (Med.)	23	1
CRUSTACEA	Scyllarides pigmaeus (Med.)	23	1
CRUSTACEA	Scyllarus arctus (Med.)	23	1
GASTROPODA	Helix pomatia	23	1
BIVALVIA	Margaritifera margaritifera	23	1
BIVALVIA	Microcondymaea compressa	23	1
BIVALVIA	Unio elongatulus	23	1
HIRUDINEA	Hirudo medicinalis	23	1
ECHINOIDEA	Paracentrotus lividus (Med.)	23	1
HEXACORALLIA	Antipathes sp. plur. (Med.)	23	1
ALCIONARIA	Corallium rubrum (Med.)	23	1
PORIFERA	Hippospongia communis (Med.)	23	1
PORIFERA	Spongia agaricina (Med.)	23	1
PORIFERA	Spongia officinalis (Med.)	23	1
PORIFERA	Spongia zimocca (Med.)	23	1
GAVIIFORMES	Gavia stellata	23	1
GAVIIFORMES	Gavia artica	23	1
GAVIIFORMES	Gavia immer	23	1
GAVIIFORMES	Gavia adamsii	23	1
PODICIPEDIFORMES	Podiceps grisegena	23	1
PODICIPEDIFORMES	Podiceps auritus	23	1
PODICIPEDIFORMES	Podiceps nigricollis (caspius)	23	1
PODICIPEDIFORMES	Podiceps ruficollis	23	1
PROCELLARIIFORMES	Oceanites oceanicus	23	1
PROCELLARIIFORMES	Hydrobates pelagicus	23	1
PROCELLARIIFORMES	Oceanodroma leucorhoa	23	1
PROCELLARIIFORMES	Oceanodroma castro	23	1
PROCELLARIIFORMES	Pelagodroma marina	23	1
PROCELLARIIFORMES	Bulweria bulwerii	23	1
PROCELLARIIFORMES	Procellaria diomedea	23	1
PROCELLARIIFORMES	Puffinus puffinus	23	1
PROCELLARIIFORMES	Puffinus yelkouan	23	1
PROCELLARIIFORMES	Puffinus assimilis baroli	23	1
PROCELLARIIFORMES	Pterodroma madeira	23	1
PROCELLARIIFORMES	Pterodroma feae	23	1
PELECANIFORMES	Phalacrocorax aristotelis (med)	23	1
PELECANIFORMES	Phalacrocorax pygmaeus	23	1
PELECANIFORMES	Pelecanus onocrotalus	23	1
PELECANIFORMES	Pelecanus crispus	23	1
CICONIIFORMES	Ardea purpurea	23	1
CICONIIFORMES	Casmerodius albus (Egretta alba)	23	1
CICONIIFORMES	Egretta garzetta	23	1
CICONIIFORMES	Ardeola ralloides	23	1
CICONIIFORMES	Bulbucus (Ardeola) ibis	23	1
CICONIIFORMES	Nycticorax nycticorax	23	1
CICONIIFORMES	Ixobrychus minutus	23	1

CICONIIFORMES	Botaurus stellaris	23	1
CICONIIFORMES	Ciconia nigra	23	1
CICONIIFORMES	Ciconia ciconia	23	1
CICONIIFORMES	Plegadis falcinellus	23	1
CICONIIFORMES	Platalea leucorodia	23	1
CICONIIFORMES	Phoenicopiterus ruber	23	1
ANSERIFORMES	Cygnus cygnus	23	1
ANSERIFORMES	Cygnus bewickii (columbianus)	23	1
ANSERIFORMES	Anser erythropus	23	1
ANSERIFORMES	Branta leucopsis	23	1
ANSERIFORMES	Branta ruficollis	23	1
ANSERIFORMES	Tadorna tadorna	23	1
ANSERIFORMES	Tadorna ferruginea	23	1
ANSERIFORMES	Marmaronetta (Anas) angustirostris	23	1
ANSERIFORMES	Somateria spectabilis	23	1
ANSERIFORMES	Polysticta stelleri	23	1
ANSERIFORMES	Histrionicus histrionicus	23	1
ANSERIFORMES	Bucephala islandica	23	1
ANSERIFORMES	Mergus albellus	23	1
ANSERIFORMES	Oxyura leucocephala	23	1
FALCONIFORMES	Pernis apivorus	23	1
FALCONIFORMES	Elanus caeruleus	23	1
FALCONIFORMES	Milvus migrans	23	1
FALCONIFORMES	Milvus milvus	23	1
FALCONIFORMES	Haliaeetus albicilla	23	1
FALCONIFORMES	Gypaetus barbartus	23	1
FALCONIFORMES	Neophron percnopterus	23	1
FALCONIFORMES	Gyps fulvus	23	1
FALCONIFORMES	Aegypius monachus	23	1
FALCONIFORMES	Circus aeruginosus	23	1
FALCONIFORMES	Circus cyaneus	23	1
FALCONIFORMES	Circus macrourus	23	1
FALCONIFORMES	Circus pygargus	23	1
FALCONIFORMES	Accipiter gentilis	23	1
FALCONIFORMES	Accipiter nisus	23	1
FALCONIFORMES	Accipiter brevipes	23	1
FALCONIFORMES	Buteo buteo	23	1
FALCONIFORMES	Buteo rufinus	23	1
FALCONIFORMES	Buteo lagopus	23	1
FALCONIFORMES	Aquila pomarina	23	1
FALCONIFORMES	Aquila clanga	23	1
FALCONIFORMES	Aquila nipalensis	23	1
FALCONIFORMES	Aquila heliaca	23	1
FALCONIFORMES	Aquila adalberti	23	1
FALCONIFORMES	Aquila crysaetos	23	1
FALCONIFORMES	Hieraaetus pennatus	23	1
FALCONIFORMES	Hieraaetus fasciatus	23	1
FALCONIFORMES	Pandion haliaetus	23	1
FALCONIFORMES	Falco naumanni	23	1
FALCONIFORMES	Falco tinnunculus	23	1
FALCONIFORMES	Falco vespertinus	23	1
FALCONIFORMES	Falco columbarius	23	1
FALCONIFORMES	Falco subbuteo	23	1

FALCONIFORMES	Falco eleonorae	23	1
FALCONIFORMES	Falco biarmicus	23	1
FALCONIFORMES	Falco cherrug	23	1
FALCONIFORMES	Falco rusticolus	23	1
FALCONIFORMES	Falco peregrinus	23	1
GALLIFORMES	Tetrao urogallus cantabricus	23	1
GRUIFORMES	Turnix sylvatica	23	1
GRUIFORMES	Porzana porzana	23	1
GRUIFORMES	Porzana pusilla	23	1
GRUIFORMES	Porzana parva	23	1
GRUIFORMES	Crex crex	23	1
GRUIFORMES	Porphyrio porphyrio	23	1
GRUIFORMES	Fulica cristata	23	1
GRUIFORMES	Grus grus	23	1
GRUIFORMES	Anthropoides virgo	23	1
GRUIFORMES	Tetrax tetrax	23	1
GRUIFORMES	Chlamydotis undulata	23	1
GRUIFORMES	Otis tarda	23	1
CHARADRIIFORMES	Hoplopterus spinosus	23	1
CHARADRIIFORMES	Charadrius hiaticula	23	1
CHARADRIIFORMES	Charadrius dubius	23	1
CHARADRIIFORMES	Charadrius alexandrinus	23	1
CHARADRIIFORMES	Charadrius leschenaulti	23	1
CHARADRIIFORMES	Eudromias morinellus	23	1
CHARADRIIFORMES	Arenaria interpres	23	1
CHARADRIIFORMES	Gallinago media	23	1
CHARADRIIFORMES	Numenius tenuirostris	23	1
CHARADRIIFORMES	Tringa stagnatilis	23	1
CHARADRIIFORMES	Tringa ochropus	23	1
CHARADRIIFORMES	Tringa glareola	23	1
CHARADRIIFORMES	Tringa hypoleucos	23	1
CHARADRIIFORMES	Tringa cinerea	23	1
CHARADRIIFORMES	Calidris minuta	23	1
CHARADRIIFORMES	Calidris temminckii	23	1
CHARADRIIFORMES	Calidris maritima	23	1
CHARADRIIFORMES	Calidris alpina	23	1
CHARADRIIFORMES	Calidris ferruginea	23	1
CHARADRIIFORMES	Calidris alba	23	1
CHARADRIIFORMES	Limicola falcinellus	23	1
CHARADRIIFORMES	Himantopus himantopus	23	1
CHARADRIIFORMES	Recurvirostra avosetta	23	1
CHARADRIIFORMES	Phalaropus lobatus	23	1
CHARADRIIFORMES	Phalaropus fulicarius	23	1
CHARADRIIFORMES	Burhinus oedicnemus	23	1
CHARADRIIFORMES	Cursorius cursor	23	1
CHARADRIIFORMES	Glareola pratincola	23	1
CHARADRIIFORMES	Glareola nordmanni	23	1
CHARADRIIFORMES	Pagophila eburnea	23	1
CHARADRIIFORMES	Larus audouinii	23	1
CHARADRIIFORMES	Larus melanocephalus	23	1
CHARADRIIFORMES	Larus genei	23	1
CHARADRIIFORMES	Larus minutus	23	1
CHARADRIIFORMES	Larus (Xenia) sabini	23	1
CHARADRIIFORMES	Chlidonias niger	23	1

CHARADRIIFORMES	Chlidonias leucopterus	23	1
CHARADRIIFORMES	Chlidonias hybrida	23	1
CHARADRIIFORMES	Gelochelidon nilotica	23	1
CHARADRIIFORMES	Hydroprogne caspia	23	1
CHARADRIIFORMES	Sterna hirundo	23	1
CHARADRIIFORMES	Sterna paradisaea (macrura)	23	1
CHARADRIIFORMES	Sterna dougallii	23	1
CHARADRIIFORMES	Sterna albifrons	23	1
CHARADRIIFORMES	Sterna sandvicensis	23	1
COLUMBIFORMES	Pterocles orientalis	23	1
COLUMBIFORMES	Pterocles alchata	23	1
COLUMBIFORMES	Columba bollii	23	1
COLUMBIFORMES	Columba junoniae	23	1
COLUMBIFORMES	Clamator glandarius	23	1
STRIGIFORMES	Tyto alba	23	1
STRIGIFORMES	Otus scops	23	1
STRIGIFORMES	Bubo bubo	23	1
STRIGIFORMES	Nyctea scandiaca	23	1
STRIGIFORMES	Surnia ulula	23	1
STRIGIFORMES	Glaucidium passerinum	23	1
STRIGIFORMES	Athene noctua	23	1
STRIGIFORMES	Strix aluco	23	1
STRIGIFORMES	Strix uralensis	23	1
STRIGIFORMES	Strix nebulosa	23	1
STRIGIFORMES	Asio otus	23	1
STRIGIFORMES	Asio flammeus	23	1
STRIGIFORMES	Aegolius funereus	23	1
CAPRIMULGIFORMES	Caprimulgus europaeus	23	1
CAPRIMULGIFORMES	Caprimulgus ruficollis	23	1
APODIFORMES	Apus pallidus	23	1
APODIFORMES	Apus melba	23	1
APODIFORMES	Apus caffer	23	1
APODIFORMES	Apus unicolor	23	1
CORACIIFORMES	Alcedo atthis	23	1
CORACIIFORMES	Ceryle rudis	23	1
CORACIIFORMES	Halcyon smyrnensis	23	1
CORACIIFORMES	Merops apiaster	23	1
CORACIIFORMES	Coracias garrulus	23	1
CORACIIFORMES	Upupa epops	23	1
PICIFORMES	Jynx torquilla	23	1
PICIFORMES	Picus canus	23	1
PICIFORMES	Picus viridis	23	1
PICIFORMES	Dryocopus martius	23	1
PICIFORMES	Dendrocopos major	23	1
PICIFORMES	Dendrocopos syriacus	23	1
PICIFORMES	Dendrocopos medius	23	1
PICIFORMES	Dendrocopos leucotos	23	1
PICIFORMES	Dendrocopos minor	23	1
PICIFORMES	Picoides tridactylus	23	1
PASSERIFORMES	Calandrella brachydactyla	23	1
PASSERIFORMES	Calandrella rufescens	23	1
PASSERIFORMES	Melanocorypha bimaculata	23	1
PASSERIFORMES	Melanocorypha calandra	23	1
PASSERIFORMES	Melanocorypha leucoptera	23	1

PASSERIFORMES	Melanocorypha yeltoniensis	23	1
PASSERIFORMES	Galerida theklae	23	1
PASSERIFORMES	Chersophilus duponti	23	1
PASSERIFORMES	Eremophila alpestris	23	1
PASSERIFORMES	Riparia riparia	23	1
PASSERIFORMES	Ptyonoprogne rupestris	23	1
PASSERIFORMES	Hirundo rustica	23	1
PASSERIFORMES	Hirundo daurica	23	1
PASSERIFORMES	Delichon urbica	23	1
PASSERIFORMES	Anthus campestris	23	1
PASSERIFORMES	Anthus berthelotii	23	1
PASSERIFORMES	Anthus hodgsoni	23	1
PASSERIFORMES	Anthus trivialis	23	1
PASSERIFORMES	Anthus gustavi	23	1
PASSERIFORMES	Anthus pratensis	23	1
PASSERIFORMES	Anthus cervinus	23	1
PASSERIFORMES	Anthus petrosus	23	1
PASSERIFORMES	Anthus spinoletta	23	1
PASSERIFORMES	Motacilla flava	23	1
PASSERIFORMES	Motacilla citreola	23	1
PASSERIFORMES	Motacilla cinerea	23	1
PASSERIFORMES	Motacilla alba	23	1
PASSERIFORMES	Pycnonotus barbatus	23	1
PASSERIFORMES	Lanius collurio	23	1
PASSERIFORMES	Lanius minor	23	1
PASSERIFORMES	Lanius excubitor	23	1
PASSERIFORMES	Lanius senator	23	1
PASSERIFORMES	Lanius nubicus	23	1
PASSERIFORMES	Bombycilla garrulus	23	1
PASSERIFORMES	Cinclus cinclus	23	1
PASSERIFORMES	Troglodytes troglodytes	23	1
PASSERIFORMES	Prunella modularis	23	1
PASSERIFORMES	Prunella montanella	23	1
PASSERIFORMES	Prunella ocularis	23	1
PASSERIFORMES	Prunella atrogularis	23	1
PASSERIFORMES	Prunella collaris	23	1
PASSERIFORMES	Saxicola rubetra	23	1
PASSERIFORMES	Saxicola torquata	23	1
PASSERIFORMES	Saxicola dacotiae	23	1
PASSERIFORMES	Oenanthe oenanthe	23	1
PASSERIFORMES	Oenanthe pleschanka (leucomela)	23	1
PASSERIFORMES	Oenanthe hispanica	23	1
PASSERIFORMES	Oenanthe isabellina	23	1
PASSERIFORMES	Oenanthe leucura	23	1
PASSERIFORMES	Oenanthe finischii	23	1
PASSERIFORMES	Cercotrichas galactotes	23	1
PASSERIFORMES	Monticola saxatilis	23	1
PASSERIFORMES	Monticola solitarius	23	1
PASSERIFORMES	Turdus torquatus	23	1
PASSERIFORMES	Phoenicurus ochruros	23	1
PASSERIFORMES	Phoenicurus phoenicurus	23	1
PASSERIFORMES	Erithacus rubecula	23	1
PASSERIFORMES	Luscinia megarhynchos	23	1
PASSERIFORMES	Luscinia luscinia	23	1

PASSERIFORMES	Luscinia (Cyanosylvia) svecica	23	1
PASSERIFORMES	Tarsiger cyanurus	23	1
PASSERIFORMES	Irania gutturalis	23	1
PASSERIFORMES	Cettia cetti	23	1
PASSERIFORMES	Cisticola juncidis	23	1
PASSERIFORMES	Prinia gracilis	23	1
PASSERIFORMES	Locustella lanceolata	23	1
PASSERIFORMES	Locustella naevia	23	1
PASSERIFORMES	Locustella fluviatilis	23	1
PASSERIFORMES	Locustella luscinioides	23	1
PASSERIFORMES	Acrocephalus melanopogon	23	1
PASSERIFORMES	Acrocephalus paludicola	23	1
PASSERIFORMES	Acrocephalus schoenobaenus	23	1
PASSERIFORMES	Acrocephalus agricola	23	1
PASSERIFORMES	Acrocephalus dumetorum	23	1
PASSERIFORMES	Acrocephalus palustris	23	1
PASSERIFORMES	Acrocephalus scirpaceus	23	1
PASSERIFORMES	Acrocephalus arundinaceus	23	1
PASSERIFORMES	Hippolais pallida	23	1
PASSERIFORMES	Hippolais caligata	23	1
PASSERIFORMES	Hippolais olivetorum	23	1
PASSERIFORMES	Hippolais icterina	23	1
PASSERIFORMES	Hippolais polyglotta	23	1
PASSERIFORMES	Sylvia sarda	23	1
PASSERIFORMES	Sylvia undata	23	1
PASSERIFORMES	Sylvia conspicillata	23	1
PASSERIFORMES	Sylvia cantillans	23	1
PASSERIFORMES	Sylvia mystacea	23	1
PASSERIFORMES	Sylvia melanocephala	23	1
PASSERIFORMES	Sylvia melanothorax	23	1
PASSERIFORMES	Sylvia rueppelli	23	1
PASSERIFORMES	Sylvia nana	23	1
PASSERIFORMES	Sylvia hortensis	23	1
PASSERIFORMES	Sylvia nisoria	23	1
PASSERIFORMES	Sylvia curruca	23	1
PASSERIFORMES	Sylvia communis	23	1
PASSERIFORMES	Sylvia borin	23	1
PASSERIFORMES	Sylvia atricapilla	23	1
PASSERIFORMES	Phylloscopus nitidus	23	1
PASSERIFORMES	Phylloscopus trochiloides	23	1
PASSERIFORMES	Phylloscopus borealis	23	1
PASSERIFORMES	Phylloscopus inornatus	23	1
PASSERIFORMES	Phylloscopus bonelli	23	1
PASSERIFORMES	Phylloscopus sibilatrix	23	1
PASSERIFORMES	Phylloscopus collybita	23	1
PASSERIFORMES	Phylloscopus trochilus	23	1
PASSERIFORMES	Regulus regulus	23	1
PASSERIFORMES	Regulus teneriffae	23	1
PASSERIFORMES	Regulus ignicapillus	23	1
PASSERIFORMES	Muscicapa striata	23	1
PASSERIFORMES	Ficedula parva	23	1
PASSERIFORMES	Ficedula semitorquata	23	1
PASSERIFORMES	Ficedula albicollis	23	1
PASSERIFORMES	Ficedula hypoleuca	23	1

PASSERIFORMES	Panurus biarmicus	23	1
PASSERIFORMES	Parus palustris	23	1
PASSERIFORMES	Parus lugubris	23	1
PASSERIFORMES	Parus montanus	23	1
PASSERIFORMES	Parus cinctus	23	1
PASSERIFORMES	Parus cristatus	23	1
PASSERIFORMES	Parus ater	23	1
PASSERIFORMES	Parus caeruleus	23	1
PASSERIFORMES	Parus cyanus	23	1
PASSERIFORMES	Parus major	23	1
PASSERIFORMES	Sitta krueperi	23	1
PASSERIFORMES	Sitta whiteheadi	23	1
PASSERIFORMES	Sitta europaea	23	1
PASSERIFORMES	Sitta neumayer	23	1
PASSERIFORMES	Certhia familiaris	23	1
PASSERIFORMES	Certhia brachydactyla	23	1
PASSERIFORMES	Emberiza citrinella	23	1
PASSERIFORMES	Emberiza leucocephala	23	1
PASSERIFORMES	Emberiza cirrus	23	1
PASSERIFORMES	Emberiza cineracea	23	1
PASSERIFORMES	Emberiza caesia	23	1
PASSERIFORMES	Emberiza cia	23	1
PASSERIFORMES	Emberiza schoeniclus	23	1
PASSERIFORMES	Emberiza melanocephala	23	1
PASSERIFORMES	Emberiza aureola	23	1
PASSERIFORMES	Emberiza pusilla	23	1
PASSERIFORMES	Emberiza rustica	23	1
PASSERIFORMES	Plectrophenax nivalis	23	1
PASSERIFORMES	Calcarius lapponicus	23	1
PASSERIFORMES	Carduelis chloris	23	1
PASSERIFORMES	Carduelis carduelis	23	1
PASSERIFORMES	Carduelis spinus	23	1
PASSERIFORMES	Carduelis flavirostris	23	1
PASSERIFORMES	Carduelis cannabina	23	1
PASSERIFORMES	Carduelis flammea	23	1
PASSERIFORMES	Carduelis hornemanni	23	1
PASSERIFORMES	Serinus citrinella	23	1
PASSERIFORMES	Serinus serinus	23	1
PASSERIFORMES	Serinus pusillus	23	1
PASSERIFORMES	Loxia curvirostra	23	1
PASSERIFORMES	Loxia pityopsittacus	23	1
PASSERIFORMES	Loxia leucoptera	23	1
PASSERIFORMES	Loxia scotica	23	1
PASSERIFORMES	Pinicola enucleator	23	1
PASSERIFORMES	Carpodacus erythrinus	23	1
PASSERIFORMES	Rhodopechys githaginea	23	1
PASSERIFORMES	Coccothraustes coccothraustes	23	1
PASSERIFORMES	Fringilla teydea	23	1
PASSERIFORMES	Petronia petronia	23	1
PASSERIFORMES	Montifringilla nivalis	23	1
PASSERIFORMES	Sturnus unicolor	23	1
PASSERIFORMES	Sturnus roseus	23	1
PASSERIFORMES	Oriolus oriolus	23	1
PASSERIFORMES	Perisoreus infaustus	23	1

PASSERIFORMES	Cyanopica cyanus	23	1
PASSERIFORMES	Nucifraga caryocatactes	23	1
PASSERIFORMES	Pyrrhocorax pyrrhocorax	23	1
PASSERIFORMES	Pyrrhocorax graculus	23	1
PTERIDOPHYTA	Asplenium hemionitis L.	23	0
PTERIDOPHYTA	Asplenium jahandiezii (Litard.) Rouy	23	0
PTERIDOPHYTA	Woodwardia radicans (L.) Sm.	23	0
PTERIDOPHYTA	Culcita macrocarpa C.Presl	23	0
PTERIDOPHYTA	Dryopteris corleyi Fraser-Jenk.	23	0
PTERIDOPHYTA	Trichomanes speciosum Willd.	23	0
PTERIDOPHYTA	Isoetes boryana Durieu	23	0
PTERIDOPHYTA	Isoetes malinverniana Ces. & De Not.	23	0
PTERIDOPHYTA	Marsilea batardae Launert	23	0
PTERIDOPHYTA	Marsilea quadrifolia L.	23	0
PTERIDOPHYTA	Marsilea strigosa Willd.	23	0
PTERIDOPHYTA	Pilularia minuta Durieu ex.Braun	23	0
PTERIDOPHYTA	Botrychium matricariifolium A. Braun ex Koch	23	0
PTERIDOPHYTA	Botrychium multifidum (S. G. Gmelin) Rupr.	23	0
PTERIDOPHYTA	Botrychium simplex Hitchc.	23	0
PTERIDOPHYTA	Ophioglossum polyphyllum A.Braun	23	0
PTERIDOPHYTA	Salvinia natans (L.) All.	23	0
GYMNOSPERMAE	Tetraclinis articulata (Vahl) Masters	23	0
GYMNOSPERMAE	Abies nebrodensis (Lojac.) Mattei	23	0
GYMNOSPERMAE	Alisma wahlenbergii (O.R.Holmb.) Juz.	23	0
GYMNOSPERMAE	Caldesia parnassiifolia (L.) Parl.	23	0
GYMNOSPERMAE	Luronium natans (L.) Raf.	23	0
GYMNOSPERMAE	Leucojum nicaeense Ard.	23	0
GYMNOSPERMAE	Narcissus angustifolius Curt.	23	0
GYMNOSPERMAE	Narcissus longispathus Pugsley	23	0
GYMNOSPERMAE	Narcissus nevadensis Pugsley	23	0
GYMNOSPERMAE	Narcissus scaberulus Henriq.	23	0
GYMNOSPERMAE	Narcissus triandrus L.	23	0
GYMNOSPERMAE	Narcissus viridiflorus Schousboe	23	0
GYMNOSPERMAE	Sternbergia candida B.Mathew & Baytop	23	0
GYMNOSPERMAE	Rhazya orientalis (Decaisne) A.DC	23	0
GYMNOSPERMAE	Arum purpureospathum Boyce	23	0
GYMNOSPERMAE	Aristolochia samsunensis Davis	23	0
GYMNOSPERMAE	Vincetoxicum pannonicum (Borhidi) Holub	23	0
GYMNOSPERMAE	Alkanna pinardii Boiss.	23	0
GYMNOSPERMAE	Anchusa crispa Viv. (inclu. A. littorea Moris)	23	0
GYMNOSPERMAE	Lithodora nitida (H.Ern) R.Fernandes	23	0
GYMNOSPERMAE	Myosotis praecox Hülphers	23	0
GYMNOSPERMAE	Myosotis rehsteineri Wartm.	23	0
GYMNOSPERMAE	Omphalodes kuzinskyana Willk.	23	0
GYMNOSPERMAE	Omphalodes littoralis Lehm.	23	0
GYMNOSPERMAE	Onosma halophilum Boiss. & Heldr.	23	0
GYMNOSPERMAE	Onosma polyphylla Lebed.	23	0
GYMNOSPERMAE	Onosma proponticum Aznav.	23	0
GYMNOSPERMAE	Onosma tornensis Javorka	23	0
GYMNOSPERMAE	Onosma troodi Kotschy	23	0
GYMNOSPERMAE	Solenanthus albanicus (Degen & Baldacci)	23	0
GYMNOSPERMAE	Symphytum cycladense Pawl.	23	0
GYMNOSPERMAE	Asyneuma giganteum (Boiss.) Bornm.	23	0
GYMNOSPERMAE	Campanula abietina Griseb. & Schenk.	23	0

GYMNOSPERMAE	Campanula damboldtiana Davis	23	0
GYMNOSPERMAE	Campanula gelida Kovanda	23	0
GYMNOSPERMAE	Campanula lanata Friv.	23	0
GYMNOSPERMAE	Campanula lycica Sorger & Kit Tan	23	0
GYMNOSPERMAE	Campanula morettiana Reichenb.	23	0
GYMNOSPERMAE	Campanula romanica Savul.	23	0
GYMNOSPERMAE	Campanula sabatia De Not.	23	0
GYMNOSPERMAE	Jasione lusitanica A.DC.	23	0
GYMNOSPERMAE	Physoplexis comosa (L.) Schur	23	0
GYMNOSPERMAE	Trachelium asperuloides Boiss. & Orph.	23	0
GYMNOSPERMAE	Cerastium alsinifolium Tausch	23	0
GYMNOSPERMAE	Dianthus hypanicus Andr.	23	0
GYMNOSPERMAE	Dianthus nitidus Waldst. & Kit.	23	0
GYMNOSPERMAE	Dianthus rupicola Biv.	23	0
GYMNOSPERMAE	Dianthus serotinus Waldst. & Kit.	23	0
GYMNOSPERMAE	Dianthus urumoffii Stoj. & Acht.	23	0
GYMNOSPERMAE	Gypsophila papillosa P.Porta	23	0
GYMNOSPERMAE	Herniaria algarvica Chaudri	23	0
GYMNOSPERMAE	Herniaria maritima Link	23	0
GYMNOSPERMAE	Minuartia smejkalii Dvorakova	23	0
GYMNOSPERMAE	Moehringia fontqueri Pau	23	0
GYMNOSPERMAE	Moehringia hypanica Grynj. & Klok.	23	0
GYMNOSPERMAE	Moehringia jankae Griseb. ex Janka	23	0
GYMNOSPERMAE	Moehringia tommasinii Marches.	23	0
GYMNOSPERMAE	Petrocoptis grandiflora Rothm.	23	0
GYMNOSPERMAE	Petrocoptis montsicciana O.Bolós & Rivas Mart.	23	0
GYMNOSPERMAE	Petrocoptis pseudoviscosa Fernández Casas	23	0
GYMNOSPERMAE	Saponaria halophila Hedge & Hub.-Mor.	23	0
GYMNOSPERMAE	Silene cretacea Fisch. ex Spreng.	23	0
GYMNOSPERMAE	Silene furcata Raf. subsp. angustiflora (Rupr.) Walters	23	0
GYMNOSPERMAE	Silene haussknechtii Heldr. ex Hausskn.	23	0
GYMNOSPERMAE	Silene hifacensis Rouy ex Willk.	23	0
GYMNOSPERMAE	Silene holzmannii Heldr. ex Boiss.	23	0
GYMNOSPERMAE	Silene mariana Pau	23	0
GYMNOSPERMAE	Silene orphanidis Boiss.	23	0
GYMNOSPERMAE	Silene pompeipolitana Gay ex Boiss.	23	0
GYMNOSPERMAE	Silene rothmaleri Pinto da Silva	23	0
GYMNOSPERMAE	Silene salsuginea Hub.-Mor.	23	0
GYMNOSPERMAE	Silene sangaria Coode & Cullen	23	0
GYMNOSPERMAE	Silene velutina Pourret ex Loisel.	23	0
GYMNOSPERMAE	Beta adanensis Pamuk. ex Aellen	23	0
GYMNOSPERMAE	Beta trojana Pamuk. ex Aellen	23	0
GYMNOSPERMAE	Cremnophyton lanfrancoi Brullo et Pavone	23	0
GYMNOSPERMAE	Kalidiopsis wagenitzii Aellen	23	0
GYMNOSPERMAE	Kochia saxicola Guss.	23	0
GYMNOSPERMAE	Microcnemum coralloides (Loscós & Pardo) Font Quer	23	0
GYMNOSPERMAE	Salicornia veneta Pignatti & Lausi	23	0
GYMNOSPERMAE	Salsola anatolica Aellen	23	0
GYMNOSPERMAE	Suaeda cucullata Aellen	23	0
GYMNOSPERMAE	Helianthemum alypoides Losa & Rivas Goday	23	0
GYMNOSPERMAE	Helianthemum arcticum (Grosser) Janch.	23	0
GYMNOSPERMAE	Helianthemum caput-felis Boiss.	23	0
GYMNOSPERMAE	Tuberaria major (Willk.) Pinto da Silva & Rozeira	23	0
GYMNOSPERMAE	Achillea glaberrima Klok.	23	0

GYMNOSPERMAE	Achillea thracica Velen.	23	0
GYMNOSPERMAE	Anacyclus latealatus Hub.-Mor.	23	0
GYMNOSPERMAE	Andryala levitomentosa (E. I. Nayardy) P. D. Sell	23	0
GYMNOSPERMAE	Anthemis glaberrima (Rech.f.) Greuter	23	0
GYMNOSPERMAE	Anthemis halophila Boiss. & Bal.	23	0
GYMNOSPERMAE	Anthemis trotzkiana Claus ex Bunge	23	0
GYMNOSPERMAE	Artemisia granatensis Boiss.	23	0
GYMNOSPERMAE	Artemisia insipida Vill.	23	0
GYMNOSPERMAE	Artemisia laciniata Willd.	23	0
GYMNOSPERMAE	Artemisia pancicii (Janka) Ronn.	23	0
GYMNOSPERMAE	Aster pyrenaeus Desf. ex DC.	23	0
GYMNOSPERMAE	Aster sibiricus L.	23	0
GYMNOSPERMAE	Carduus myriacanthus Salzm. ex DC.	23	0
GYMNOSPERMAE	Carlina diae (Rech.f.) Meusel & Kästner	23	0
GYMNOSPERMAE	Carlina onopordifolia Besser	23	0
GYMNOSPERMAE	Centaurea alba L. subsp. heldreichii (Halacsy) Dostal	23	0
GYMNOSPERMAE	Centaurea alba L. subsp. princeps (Boiss. & Heldr.)	23	0
GYMNOSPERMAE	Centaurea akamantis Th Georgiades & G Chatzikyriakou	23	0
GYMNOSPERMAE	Centaurea attica Nyman subsp. megarensis	23	0
GYMNOSPERMAE	Centaurea balearica J.D.Rodriguez	23	0
GYMNOSPERMAE	Centaurea borjæ Valdes-Berm. & Rivas Goday	23	0
GYMNOSPERMAE	Centaurea citricolor Font Quer	23	0
GYMNOSPERMAE	Centaurea corymbosa Pourret	23	0
GYMNOSPERMAE	Centaurea dubjanskyi Iljin.	23	0
GYMNOSPERMAE	Centaurea hermannii F.Hermann	23	0
GYMNOSPERMAE	Centaurea horrida Badaro	23	0
GYMNOSPERMAE	Centaurea jankæ Brandza	23	0
GYMNOSPERMAE	Centaurea kalambakensis Freyn & Sint.	23	0
GYMNOSPERMAE	Centaurea kartschiana Scop.	23	0
GYMNOSPERMAE	Centaurea lactiflora Halacsy	23	0
GYMNOSPERMAE	Centaurea niederi Heldr.	23	0
GYMNOSPERMAE	Centaurea peucedanifolia Boiss. & Orph.	23	0
GYMNOSPERMAE	Centaurea pineticola Iljin.	23	0
GYMNOSPERMAE	Centaurea pinnata Pau	23	0
GYMNOSPERMAE	Centaurea pontica Prodan & E. I. Nayardy	23	0
GYMNOSPERMAE	Centaurea pseudoleucolepis Kleop	23	0
GYMNOSPERMAE	Centaurea pulvinata (G.Blanca) G.Blanca	23	0
GYMNOSPERMAE	Centaurea tchihatcheffii Fich. & Mey.	23	0
GYMNOSPERMAE	Crepis crocifolia Boiss. & Heldr.	23	0
GYMNOSPERMAE	Crepis granatensis (Willk.) G.Blanca & M.Cueto	23	0
GYMNOSPERMAE	Crepis purpurea (Willd.) Bieb.	23	0
GYMNOSPERMAE	Dendranthema zawadskyi (Herb.) Tzvel.	23	0
GYMNOSPERMAE	Erigeron frigidus Boiss. ex DC.	23	0
GYMNOSPERMAE	Helichrysum melitense (Pignatti) Brulo, Lanfranco,	23	0
GYMNOSPERMAE	Helichrysum sibthorpii Rouy	23	0
GYMNOSPERMAE	Hymenostemma pseudanthemis (Kunze) Willd.	23	0
GYMNOSPERMAE	Hyoseris frutescens Brullo et Pavone	23	0
GYMNOSPERMAE	Jurinea cyanoides (L.) Reichenb.	23	0
GYMNOSPERMAE	Jurinea fontqueri Cuatrec.	23	0
GYMNOSPERMAE	Lagoseris purpurea (Willd.) Boiss.	23	0
GYMNOSPERMAE	Lamyropsis microcephala (Moris) Dittrich & Greuter	23	0
GYMNOSPERMAE	Leontodon boryi Boiss. ex DC.	23	0
GYMNOSPERMAE	Leontodon microcephalus (Boiss. ex DC.) Boiss.	23	0
GYMNOSPERMAE	Leontodon siculus (Guss.) Finch & Sell	23	0

GYMNOSPERMAE	Ligularia sibirica (L.) Cass.	23	0
GYMNOSPERMAE	Palaeocyanus crassifolius (Bertoloni) Dostál	23	0
GYMNOSPERMAE	Picris willkommii (Schultz-Bip.) Nyman	23	0
GYMNOSPERMAE	Santolina elegans Boiss. ex DC.	23	0
GYMNOSPERMAE	Senecio elodes Boiss. ex DC.	23	0
GYMNOSPERMAE	Senecio nevadensis Boiss. & Reuter	23	0
GYMNOSPERMAE	Serratula tanaitica P. Smirn.	23	0
GYMNOSPERMAE	Sonchus erzincanicus Matthews	23	0
GYMNOSPERMAE	Wagenitzia lancifolia (Sieber ex Sprengel) Dostal	23	0
GYMNOSPERMAE	Alyssum borzaeanum E. I. Nayardy	23	0
GYMNOSPERMAE	Alyssum pyrenaicum Lapeyr. (Ptilotrichum pyrenaicum	23	0
GYMNOSPERMAE	Arabis kennedyae Meikle	23	0
GYMNOSPERMAE	Armoracia macrocarpa (Waldst. & Kit.) Kit. ex	23	0
GYMNOSPERMAE	Aurinia uechtritzi (Bornm.) Cullen & T. R.	23	0
GYMNOSPERMAE	Biscutella neustriaca Bonnet	23	0
GYMNOSPERMAE	Boleum asperum (Pers.) Desvaux	23	0
GYMNOSPERMAE	Brassica glabrescens Poldini	23	0
GYMNOSPERMAE	Brassica hilarionis Post	23	0
GYMNOSPERMAE	Brassica insularis Moris	23	0
GYMNOSPERMAE	Brassica macrocarpa Guss.	23	0
GYMNOSPERMAE	Brassica sylvestris (L.) Mill. subsp. taurica Tzvel.	23	0
GYMNOSPERMAE	Braya purpurascens (R.Br.) Bunge	23	0
GYMNOSPERMAE	Cochlearia polonica Fröhlich	23	0
GYMNOSPERMAE	Coincya rupestris Rouy (Hutera rupestris P. Porta)	23	0
GYMNOSPERMAE	Coronopus navasii Pau	23	0
GYMNOSPERMAE	Crambe koktebelica (Junge) N. Busch.	23	0
GYMNOSPERMAE	Crambe litwinonowii K. Gross.	23	0
GYMNOSPERMAE	Diploaxis ibicensis (Pau) Gomez-Campo	23	0
GYMNOSPERMAE	Diploaxis siettiana Maire	23	0
GYMNOSPERMAE	Draba dörneri Heuffel	23	0
GYMNOSPERMAE	Erucastrum palustre (Pirona) Vis.	23	0
GYMNOSPERMAE	Erysimum pienicum (Zapal.) Pawl.	23	0
GYMNOSPERMAE	Iberis arbuscula Runemark	23	0
GYMNOSPERMAE	Ionopsidium acaule (Desf.) Reichenb.	23	0
GYMNOSPERMAE	Ionopsidium savianum (Caruel) Ball ex Arcang.	23	0
GYMNOSPERMAE	Lepidium turczaninowii Lipsky	23	0
GYMNOSPERMAE	Murbeckiella sousae Rothm.	23	0
GYMNOSPERMAE	Schivereckia podolica (Besser) Andr.	23	0
GYMNOSPERMAE	Sisymbrium cavanillesianum Valdes & Castroviejo	23	0
GYMNOSPERMAE	Sisymbrium confertum Stev.	23	0
GYMNOSPERMAE	Sisymbrium supinum L.	23	0
GYMNOSPERMAE	Thlaspi caricense A. Carlström	23	0
GYMNOSPERMAE	Thlaspi jankae A. Kern	23	0
GYMNOSPERMAE	Carex secalina Willd. ex Wahlenb.	23	0
GYMNOSPERMAE	Eleocharis carniolica Koch	23	0
GYMNOSPERMAE	Borderea chouardii (Gaussen) Heslot	23	0
GYMNOSPERMAE	Dipsacus cephalarioides Mathews & Kupicha	23	0
GYMNOSPERMAE	Aldrovanda vesiculosa L.	23	0
GYMNOSPERMAE	Vaccinium arctostaphylos L.	23	0
GYMNOSPERMAE	Euphorbia margalidiana Kuhbier & Lewejohann	23	0
GYMNOSPERMAE	Euphorbia nevadensis Boiss. & Reuter	23	0
GYMNOSPERMAE	Centaurium rigualii Esteve Chueca	23	0
GYMNOSPERMAE	Centaurium somedanum Lainz	23	0
GYMNOSPERMAE	Centaurium rigualii Esteve Chueca	23	0

GYMNOSPERMAE	Centaurium somedanum Lainz	23	0
GYMNOSPERMAE	Gentiana ligustica R. de Vilm. & Chopinet	23	0
GYMNOSPERMAE	Gentianella anglica (Pugsley) E.F.Warburg	23	0
GYMNOSPERMAE	Erodium astragaloides Boiss. & Reuter	23	0
GYMNOSPERMAE	Erodium chrysanthum L'Herit. ex DC.	23	0
GYMNOSPERMAE	Erodium paularense Fernández-González & Izco	23	0
GYMNOSPERMAE	Erodium rupicola Boiss.	23	0
GYMNOSPERMAE	Haberlea rhodopensis Friv.	23	0
GYMNOSPERMAE	Jankaea heldreichii (Boiss.) Boiss.	23	0
GYMNOSPERMAE	Ramonda serbica Pancic	23	0
GYMNOSPERMAE	Avenula hackelii (Henriq.) Holub	23	0
GYMNOSPERMAE	Bromus bromoideus (Lej.) Crepin	23	0
GYMNOSPERMAE	Bromus grossus Desf. ex DC.	23	0
GYMNOSPERMAE	Bromus interruptus (Hackel) Druce	23	0
GYMNOSPERMAE	Bromus moesiacus Velen.	23	0
GYMNOSPERMAE	Bromus psammophilus P.M.Smith	23	0
GYMNOSPERMAE	Coleanthus subtilis (Tratt.) Seidl	23	0
GYMNOSPERMAE	Eremopoa mardinensis R.Mill	23	0
GYMNOSPERMAE	Gaudinia hispanica Stace & Tutin	23	0
GYMNOSPERMAE	Micropyropsis tuberosa Romero-Zarco Cabezudo	23	0
GYMNOSPERMAE	Poa granitica Br.- Bl.	23	0
GYMNOSPERMAE	Poa riphaea (Ascherson & Graebner) Fritsch	23	0
GYMNOSPERMAE	Puccinellia pungens (Pau) Paunero	23	0
GYMNOSPERMAE	Stipa austroitalica Martinovsky	23	0
GYMNOSPERMAE	Stipa bavarica Martinovsky & H.Scholz	23	0
GYMNOSPERMAE	Stipa danubialis Dihoru & Roman	23	0
GYMNOSPERMAE	Stipa styriaca Martinovsky	23	0
GYMNOSPERMAE	Stipa syreistschikowii P. Smirn.	23	0
GYMNOSPERMAE	Trisetum subalpestre (Hartm.) Neuman	23	0
GYMNOSPERMAE	Ribes sardoum Martelli	23	0
GYMNOSPERMAE	Hypericum aciferum (Greuter) N.K.B.Robson	23	0
GYMNOSPERMAE	Hypericum salsugineum Robson & Hub.-Mor.	23	0
GYMNOSPERMAE	Crocus abantensis T.Baytop & Mathew	23	0
GYMNOSPERMAE	Crocus cyprius Boiss. & Kotschy	23	0
GYMNOSPERMAE	Crocus etruscus Parl.	23	0
GYMNOSPERMAE	Crocus hartmannianus Holmboe	23	0
GYMNOSPERMAE	Crocus robertianus C.D. Brickell	23	0
GYMNOSPERMAE	Gladiolus felicitis Mirek	23	0
GYMNOSPERMAE	Iris marsica Ricci & Colasante	23	0
GYMNOSPERMAE	Dracocephalum austriacum L.	23	0
GYMNOSPERMAE	Dracocephalum ruyschiana L.	23	0
GYMNOSPERMAE	Micromeria taygetea P.H.Davis	23	0
GYMNOSPERMAE	Nepeta dirphyia (Boiss.) Heldr. ex Halacsy	23	0
GYMNOSPERMAE	Nepeta sphaciotica P.H.Davis	23	0
GYMNOSPERMAE	Origanum cordifolium (Auch. & Montbr.)	23	0
GYMNOSPERMAE	Salvia crassifolia Sibth. & Smith	23	0
GYMNOSPERMAE	Sideritis cypria Post	23	0
GYMNOSPERMAE	Sideritis incana L. subsp. glauca (Cav.) Malagarriga	23	0
GYMNOSPERMAE	Sideritis javalambrensis Pau	23	0
GYMNOSPERMAE	Sideritis serrata Cav. ex Lag.	23	0
GYMNOSPERMAE	Teucrium charidemi Sandwith	23	0
GYMNOSPERMAE	Teucrium lamiifolium D'Urv.	23	0
GYMNOSPERMAE	Teucrium lepicephalum Pau	23	0
GYMNOSPERMAE	Teucrium turredanum Losa & Rivas Goday	23	0

GYMNOSPERMAE	Thymus aznavourii Velen.	23	0
GYMNOSPERMAE	Thymus camphoratus Hoffmanns. & Link	23	0
GYMNOSPERMAE	Thymus carnosus Boiss.	23	0
GYMNOSPERMAE	Thymus cephalotos L.	23	0
GYMNOSPERMAE	Anthyllis hystrix Cardona, Contandr. & E.Sierra	23	0
GYMNOSPERMAE	Astragalus aitosensis Ivanisch.	23	0
GYMNOSPERMAE	Astragalus algarbiensis Coss. ex Bunge	23	0
GYMNOSPERMAE	Astragalus aquilanus Anzalone	23	0
GYMNOSPERMAE	Astragalus centralpinus Braun-Blanquet	23	0
GYMNOSPERMAE	Astragalus kungurensis Boriss.	23	0
GYMNOSPERMAE	Astragalus macrocarpus DC. subsp. lefkarensis	23	0
GYMNOSPERMAE	Astragalus maritimus Moris	23	0
GYMNOSPERMAE	Astragalus peterfii Jav.	23	0
GYMNOSPERMAE	Astragalus physocalyx Fischer	23	0
GYMNOSPERMAE	Astragalus psedopurpureus Gusul.	23	0
GYMNOSPERMAE	Astragalus setosulus Gontsch.	23	0
GYMNOSPERMAE	Astragalus tanaiticus C. Koch.	23	0
GYMNOSPERMAE	Astragalus tremolsianus Pau	23	0
GYMNOSPERMAE	Astragalus verrucosus Moris	23	0
GYMNOSPERMAE	Cytisus aeolicus Guss. ex Lindl.	23	0
GYMNOSPERMAE	Genista dorycnifolia Font Quer	23	0
GYMNOSPERMAE	Genista holopetala (Fleischm. ex Koch) Baldacci	23	0
GYMNOSPERMAE	Genista tetragona Bess.	23	0
GYMNOSPERMAE	Glycyrrhiza iconica Hub.-Mor.	23	0
GYMNOSPERMAE	Hedysarum razoumovianum Fisch. & Helm.	23	0
GYMNOSPERMAE	Ononis maweana Ball	23	0
GYMNOSPERMAE	Oxytropis deflexa (Pallas) DC. subsp. norvegica Nordh.	23	0
GYMNOSPERMAE	Sphaerophysa kotschyana Boiss.	23	0
GYMNOSPERMAE	Thermopsis turcica Kit Tan, Vural & Küçüködü	23	0
GYMNOSPERMAE	Trifolium banaticum (Heuffel) Majovsky	23	0
GYMNOSPERMAE	Trifolium pachycalyx Zoh.	23	0
GYMNOSPERMAE	Trifolium saxatile All.	23	0
GYMNOSPERMAE	Trigonella arenicola Hub.-Mor.	23	0
GYMNOSPERMAE	Trigonella halophila Boiss.	23	0
GYMNOSPERMAE	Trigonella polycarpa Boiss. & Heldr.	23	0
GYMNOSPERMAE	Vicia bifoliolata J.D.Rodriguez	23	0
GYMNOSPERMAE	Pinguicula crystallina Sibth. & Sm.	23	0
GYMNOSPERMAE	Pinguicula nevadensis (Lindb.) Casper	23	0
GYMNOSPERMAE	Allium grosii Font Quer	23	0
GYMNOSPERMAE	Allium regelianum A. Beck.	23	0
GYMNOSPERMAE	Allium vuralii Kit Tan	23	0
GYMNOSPERMAE	Androcymbium europaeum (Lange) K.Richter	23	0
GYMNOSPERMAE	Androcymbium rechingeri Greuter	23	0
GYMNOSPERMAE	Asparagus lycaonicus Davis	23	0
GYMNOSPERMAE	Asphodelus bento-rainhae Pinto da Silva	23	0
GYMNOSPERMAE	Chionodoxa lochiai Meikle	23	0
GYMNOSPERMAE	Chionodoxa luciliae Boiss.	23	0
GYMNOSPERMAE	Colchicum arenarium Waldst. & Kit.	23	0
GYMNOSPERMAE	Colchicum corsicum Baker	23	0
GYMNOSPERMAE	Colchicum cousturieri Greuter	23	0
GYMNOSPERMAE	Colchicum davidovii Stef.	23	0
GYMNOSPERMAE	Colchicum fominii Bordz.	23	0
GYMNOSPERMAE	Colchicum micranthum Boiss.	23	0
GYMNOSPERMAE	Fritillaria conica Boiss.	23	0

GYMNOSPERMAE	Fritillaria drenovskii Degen & Stoy.	23	0
GYMNOSPERMAE	Fritillaria epirotica Turrill ex Rix	23	0
GYMNOSPERMAE	Fritillaria euboica Rix	23	0
GYMNOSPERMAE	Fritillaria graeca Boiss.	23	0
GYMNOSPERMAE	Fritillaria gussichiae (Degen & Doerfler) Rix	23	0
GYMNOSPERMAE	Fritillaria montana Hoppe	23	0
GYMNOSPERMAE	Fritillaria obliqua Ker-Gawl.	23	0
GYMNOSPERMAE	Fritillaria rhodocanakis Orph. ex Baker	23	0
GYMNOSPERMAE	Fritillaria tuntasia Heldr. ex Halacsy	23	0
GYMNOSPERMAE	Lilium jankae A. Kerner	23	0
GYMNOSPERMAE	Lilium rhodopaeum Delip.	23	0
GYMNOSPERMAE	Muscari gussonei (Parl.) Tod.	23	0
GYMNOSPERMAE	Ornithogalum reverchonii Lange	23	0
GYMNOSPERMAE	Scilla morrisii Meikle	23	0
GYMNOSPERMAE	Scilla odorata Link	23	0
GYMNOSPERMAE	Tulipa cypria Stapf	23	0
GYMNOSPERMAE	Tulipa goulimyi Sealy & Turrill	23	0
GYMNOSPERMAE	Tulipa hungarica Borbas	23	0
GYMNOSPERMAE	Tulipa praecox Ten.	23	0
GYMNOSPERMAE	Tulipa sprengeri Baker	23	0
GYMNOSPERMAE	Linum dolomiticum Borbas	23	0
GYMNOSPERMAE	Lythrum flexuosum Lag.	23	0
GYMNOSPERMAE	Lythrum thesioides M.Bieb.	23	0
GYMNOSPERMAE	Kosteletzkya pentacarpos (L.) Ledeb.	23	0
GYMNOSPERMAE	Caulinia tenuissima (A. br. ex Magnus) Tzvel.	23	0
GYMNOSPERMAE	Najas flexilis (Willd.) Rostk. & W.L.Schmidt	23	0
GYMNOSPERMAE	Najas tenuissima (A.Braun) Magnus	23	0
GYMNOSPERMAE	Syringa josikaea Jacq. fil.	23	0
GYMNOSPERMAE	Cephalanthera cucullata Boiss. & Heldr.	23	0
GYMNOSPERMAE	Comperia comperiana (Steven) Aschers. & Graebner	23	0
GYMNOSPERMAE	Cypripedium calceolus L.	23	0
GYMNOSPERMAE	Dactylorhiza chuhensis Renz & Taub.	23	0
GYMNOSPERMAE	Himantoglossum caprinum (Bieb.) C. Koch.	23	0
GYMNOSPERMAE	Liparis loeselii (L.) Rich.	23	0
GYMNOSPERMAE	Ophrys argolica Fleischm.	23	0
GYMNOSPERMAE	Ophrys isaura Renz & Taub.	23	0
GYMNOSPERMAE	Ophrys kotschyi Fleischm. & Soó	23	0
GYMNOSPERMAE	Ophrys lunulata Parl.	23	0
GYMNOSPERMAE	Ophrys lycinia Renz & Taub.	23	0
GYMNOSPERMAE	Ophrys oestrifera Bieb.	23	0
GYMNOSPERMAE	Ophrys taurica (Aggeenko) Nevski	23	0
GYMNOSPERMAE	Platanthera obtusata (Pursh) Lindl. subsp.	23	0
GYMNOSPERMAE	Spiranthes aestivalis (Poirot) L.C.M. Richard	23	0
GYMNOSPERMAE	Steenisiella satyrioides (Stev.) Schlechter	23	0
GYMNOSPERMAE	Paeonia cambessedesii (Willk.) Willk.	23	0
GYMNOSPERMAE	Paeonia clusii F.C.Stern. (Stern.) subsp. rhodia (Stearn)	23	0
GYMNOSPERMAE	Paeonia officinalis L. subsp. banatica (Rochel) Soó	23	0
GYMNOSPERMAE	Paeonia parnassica Tzanoudakis	23	0
GYMNOSPERMAE	Paeonia tenuifolia L.	23	0
GYMNOSPERMAE	Phoenix theophrasti Greuter	23	0
GYMNOSPERMAE	Papaver lapponicum (Tolm.) Nordh.	23	0
GYMNOSPERMAE	Rupicapnos africana (Lam.) Pomel	23	0
GYMNOSPERMAE	Armeria pseudarmeria (Murray) Mansfeld	23	0
GYMNOSPERMAE	Armeria rouyana Daveau	23	0

GYMNOSPERMAE	Armeria soleirolii (Duby) Godron	23	0
GYMNOSPERMAE	Armeria velutina Welw. ex Boiss. & Reuter	23	0
GYMNOSPERMAE	Limonium anatolicum Hedge	23	0
GYMNOSPERMAE	Limonium tamaricoides Bokhari	23	0
GYMNOSPERMAE	Polemonium boreale Adams	23	0
GYMNOSPERMAE	Polygonum praelongum Coode & Cullen	23	0
GYMNOSPERMAE	Rheum rhaponticum L.	23	0
GYMNOSPERMAE	Rumex rupestris Le Gall	23	0
GYMNOSPERMAE	Posidonia oceanica (L.) Delile (Med.)	23	0
GYMNOSPERMAE	Androsace cylindrica DC.	23	0
GYMNOSPERMAE	Androsace mathildae Levier	23	0
GYMNOSPERMAE	Androsace pyrenaica Lam.	23	0
GYMNOSPERMAE	Cyclamen coum Mill.	23	0
GYMNOSPERMAE	Cyclamen kuznetzovii Kotov & Czernova.	23	0
GYMNOSPERMAE	Cyclamen mirabile Hildebr.	23	0
GYMNOSPERMAE	Lysimachia minoricensis J.D.Rodriguez	23	0
GYMNOSPERMAE	Primula apennina Widmer	23	0
GYMNOSPERMAE	Primula deorum Velen.	23	0
GYMNOSPERMAE	Primula frondosa Janka	23	0
GYMNOSPERMAE	Primula egaliksensis Wormsk.	23	0
GYMNOSPERMAE	Primula glaucescens Moretti	23	0
GYMNOSPERMAE	Primula palinuri Petagna	23	0
GYMNOSPERMAE	Primula spectabilis Tratt.	23	0
GYMNOSPERMAE	Primula wulfeniana Schott subsp. baumgarteniana	23	0
GYMNOSPERMAE	Soldanella villosa Darracq.	23	0
GYMNOSPERMAE	Aconitum corsicum Gayer	23	0
GYMNOSPERMAE	Aconitum flerovii Steinb.	23	0
GYMNOSPERMAE	Aconitum lasiocarpum (Reichenb.) Gáyer	23	0
GYMNOSPERMAE	Adonis cyllenea Boiss., Heldr. & Orph.	23	0
GYMNOSPERMAE	Adonis distorta Ten.	23	0
GYMNOSPERMAE	Anemone uralensis Fisch. ex DC.	23	0
GYMNOSPERMAE	Aquilegia bertolonii Schott	23	0
GYMNOSPERMAE	Aquilegia kitaibelii Schott	23	0
GYMNOSPERMAE	Aquilegia ottonis Orph. ex Boiss. subsp. taygetea	23	0
GYMNOSPERMAE	Aquilegia pyrenaica DC. subsp. cazorlensis	23	0
GYMNOSPERMAE	Consolida samia P.H.Davis	23	0
GYMNOSPERMAE	Delphinium caseyi B.L.Burt	23	0
GYMNOSPERMAE	Pulsatilla grandis Wend. (Pulsatilla vulgaris Miller	23	0
GYMNOSPERMAE	Pulsatilla patens (L.) Miller	23	0
GYMNOSPERMAE	Pulsatilla slavica G. Reuss	23	0
GYMNOSPERMAE	Ranunculus fontanus C. Presl	23	0
GYMNOSPERMAE	Ranunculus kykkoensis Meikle	23	0
GYMNOSPERMAE	Ranunculus weyleri Marès	23	0
GYMNOSPERMAE	Reseda decursiva Forssk	23	0
GYMNOSPERMAE	Crataegus dikmensis Pojark	23	0
GYMNOSPERMAE	Geum bulgaricum Panc.	23	0
GYMNOSPERMAE	Potentilla delphinensis Gren. & Godron	23	0
GYMNOSPERMAE	Potentilla emilii-popii E. I. Nayardy	23	0
GYMNOSPERMAE	Potentilla silesiaca Uechtr.	23	0
GYMNOSPERMAE	Pyrus anatolica Browicz	23	0
GYMNOSPERMAE	Galium cracoviense Ehrend.	23	0
GYMNOSPERMAE	Galium globuliferum Hub.-Mor. & Reese	23	0
GYMNOSPERMAE	Galium litorale Guss.	23	0
GYMNOSPERMAE	Galium moldavicum (Dobrescu) Franco	23	0

GYMNOSPERMAE	Galium rhodopeum Velen.	23	0
GYMNOSPERMAE	Galium viridiflorum Boiss. & Reuter	23	0
GYMNOSPERMAE	Thesium ebracteatum Hayne	23	0
GYMNOSPERMAE	Saxifraga berica (Beguinot) D.A.Webb	23	0
GYMNOSPERMAE	Saxifraga cintrana Kuzinsky ex Willk.	23	0
GYMNOSPERMAE	Saxifraga florulenta Moretti	23	0
GYMNOSPERMAE	Saxifraga hirculus L.	23	0
GYMNOSPERMAE	Saxifraga presolanensis Engl.	23	0
GYMNOSPERMAE	Saxifraga tombeanensis Boiss. ex Engl.	23	0
GYMNOSPERMAE	Saxifraga valdensis DC.	23	0
GYMNOSPERMAE	Saxifraga vayredana Luizet	23	0
GYMNOSPERMAE	Antirrhinum charidemi Lange	23	0
GYMNOSPERMAE	Euphrasia marchesettii Wettst. ex Marches.	23	0
GYMNOSPERMAE	Linaria algarviana Chav.	23	0
GYMNOSPERMAE	Linaria ficalhoana Rouy	23	0
GYMNOSPERMAE	Linaria flava (Poiret) Desf.	23	0
GYMNOSPERMAE	Linaria hellenica Turrillcelak	23	0
GYMNOSPERMAE	Lindernia procumbens (Krockner) Philcox	23	0
GYMNOSPERMAE	Odontites granatensis Boiss.	23	0
GYMNOSPERMAE	Pedicularis sudetica Willd.	23	0
GYMNOSPERMAE	Verbascum afyonense Hub.-Mor.	23	0
GYMNOSPERMAE	Verbascum basivelatum Hub.-Mor.	23	0
GYMNOSPERMAE	Verbascum cylleneum (Boiss. & Heldr.) Kuntze	23	0
GYMNOSPERMAE	Verbascum degenii Hal.	23	0
GYMNOSPERMAE	Verbascum purpureum (Janka) Hub.-Mor.	23	0
GYMNOSPERMAE	Verbascum stepporum Hub.-Mor.	23	0
GYMNOSPERMAE	Veronica euxina Turrill	23	0
GYMNOSPERMAE	Veronica oetaea L.-A.Gustavsson	23	0
GYMNOSPERMAE	Veronica turrilliana Stoj. & Stef.	23	0
GYMNOSPERMAE	Globularia stygia Orph. ex Boiss	23	0
GYMNOSPERMAE	Atropa baetica Willk.	23	0
GYMNOSPERMAE	Mandragora officinarum L.	23	0
GYMNOSPERMAE	Daphne arbuscula Celak.	23	0
GYMNOSPERMAE	Daphne petraea Leybold	23	0
GYMNOSPERMAE	Daphne rodriguezii Texidor	23	0
GYMNOSPERMAE	Thymelea broterana Coutinho	23	0
GYMNOSPERMAE	Trapa natans L.	23	0
GYMNOSPERMAE	Typha minima Funck ex Hoppe	23	0
GYMNOSPERMAE	Typha shuttleworthii Koch & Sonder	23	0
GYMNOSPERMAE	Zelkova abelicea (Lam.) Boiss.	23	0
GYMNOSPERMAE	Angelica heterocarpa Lloyd	23	0
GYMNOSPERMAE	Angelica palustris (Besser) Hoffman	23	0
GYMNOSPERMAE	Apium bermejoi Llorens	23	0
GYMNOSPERMAE	Apium repens (Jacq.) Lag.	23	0
GYMNOSPERMAE	Athamanta cortiana Ferrarini	23	0
GYMNOSPERMAE	Bupleurum capillare Boiss. & Heldr.	23	0
GYMNOSPERMAE	Bupleurum dianthifolium Guss.	23	0
GYMNOSPERMAE	Bupleurum kakiskalae Greuter	23	0
GYMNOSPERMAE	Eryngium alpinum L.	23	0
GYMNOSPERMAE	Eryngium viviparum Gay	23	0
GYMNOSPERMAE	Ferula halophila H.Pesmen	23	0
GYMNOSPERMAE	Ferula orientalis L.	23	0
GYMNOSPERMAE	Ferula sadleriana Ledebour	23	0
GYMNOSPERMAE	Laserpitium longiradium Boiss.	23	0

GYMNOSPERMAE	Naufraga balearica Constance & Cannon	23	0
GYMNOSPERMAE	Oenanthe conioidea Lange	23	0
GYMNOSPERMAE	Petagnia saniculifolia Guss.	23	0
GYMNOSPERMAE	Rouya polygama (Desf.) Coincy	23	0
GYMNOSPERMAE	Seseli intricatum Boiss.	23	0
GYMNOSPERMAE	Thorella verticillatundata (Thore) Briq.	23	0
GYMNOSPERMAE	Centranthus kellereri (Stoj., Stef. & Georg.) I.K.B.	23	0
GYMNOSPERMAE	Centranthus trinervis (Viv.) Béguinot	23	0
GYMNOSPERMAE	Viola atois W.Becker	23	0
GYMNOSPERMAE	Viola cazorlensis Gandoger	23	0
GYMNOSPERMAE	Viola cryana Gillot	23	0
GYMNOSPERMAE	Viola delphinantha Boiss.	23	0
GYMNOSPERMAE	Viola hispida Lam.	23	0
GYMNOSPERMAE	Viola jaubertiana Marès & Vigineix	23	0
GYMNOSPERMAE	Cymodocea nodosa (Ucria) Ascherson (Med.)	23	0
GYMNOSPERMAE	Zostera marina L. (Med.)	23	0
BRYOPHYTA	Notothylas orbicularis (Schwein.) Sull.	23	0
BRYOPSIDA: HEPATICAE	Mannia triandra (Scop.) Grolle	23	0
BRYOPSIDA: HEPATICAE	Cephalozia macounii (Aust.) Aust	23	0
BRYOPSIDA: HEPATICAE	Petalophyllum ralfsii (Wils.) Nees & Gott. ex Lehm.	23	0
BRYOPSIDA: HEPATICAE	Frullania parvistipula Steph.	23	0
BRYOPSIDA: HEPATICAE	Marsupella profunda Lindb.	23	0
BRYOPSIDA: HEPATICAE	Jungermannia handelii (Schiffn.) Amak.	23	0
BRYOPSIDA: HEPATICAE	Riccia breidleri Jur. ex Steph.	23	0
BRYOPSIDA: HEPATICAE	Riella helicophylla (Mont.) Hook.	23	0
BRYOPSIDA: HEPATICAE	Scapania massalongi (K.Muell.) K.Muell.	23	0
BRYOPSIDA: MUSCI	Drepanocladus vernicosus (Mitt.) Warnst.	23	0
BRYOPSIDA: MUSCI	Bruchia vogesiaca Schwaegr.	23	0
BRYOPSIDA: MUSCI	Buxbaumia viridis (Moug. ex Lam. & DC.)	23	0
BRYOPSIDA: MUSCI	Atractylolcarpus alpinus (Schimp. ex Milde) Lindb.	23	0
BRYOPSIDA: MUSCI	Cynodontium suecicum (H.Arn. & C.Jens.) I.Hag.	23	0
BRYOPSIDA: MUSCI	Dicranum viride (Sull. & Lesq.) Lindb.	23	0
BRYOPSIDA: MUSCI	Dichelyma capillaceum (With.) Myr.	23	0
BRYOPSIDA: MUSCI	Pyramidula tetragona (Brid.) Brid.	23	0
BRYOPSIDA: MUSCI	Distichophyllum carinatum Dix. & Nich.	23	0
BRYOPSIDA: MUSCI	Meesia longiseta Hedw.	23	0
BRYOPSIDA: MUSCI	Orthotrichum rogeri Brid.	23	0
BRYOPSIDA: MUSCI	Sphagnum pylaisii Brid.	23	0
BRYOPSIDA: MUSCI	Tayloria rudolphiana (Garov.) Bruch & Schimper	23	0
ALGAE	Caulerpa ollivieri (Med.)	23	0
ALGAE	Cystoseira amentacea (incl. var. <i>stricta</i> & var. <i>spicata</i>) (Med.)	23	0
ALGAE	Cystoseira mediterranea (Med.)	23	0
ALGAE	Cystoseira sedoides (Med.)	23	0
ALGAE	Cystoseira spinosa (incl. C. adriatica) (Med.)	23	0
ALGAE	Cystoseira zosteroides (Med.)	23	0
ALGAE	Laminaria rodriguezii (Med.)	23	0
ALGAE	Laminaria ochroleuca (Med.)	23	0
ALGAE	Goniolithon byssoides (Med.)	23	0
ALGAE	Lithophyllum lichenoides (Med.)	23	0
ALGAE	Ptilophora mediterranea (Med.)	23	0
ALGAE	Schimmelmannia schousboei = S. ornata (Med.)	23	0
Pteropodida	Rousettus aegyptiacus	23	1
Emballonurida	Taphozous nudiventris	23	1

Rhinolophidae	Rhinolophus blasii	23	1
Rhinolophidae	Rhinolophus euryale	23	1
Rhinolophidae	Rhinolophus ferrumequinum	23	1
Rhinolophidae	Rhinolophus hipposideros	23	1
Rhinolophidae	Rhinolophus mehelyi	23	1
Vespertilionida	Barbastella barbastellus	23	1
Vespertilionida	Barbastella leucomelas	23	1
Vespertilionida	Eptesicus bottae	23	1
Vespertilionida	Eptesicus nilssonii	23	1
Vespertilionida	Eptesicus serotinus	23	1
Vespertilionida	Hypsugo savii	23	1
Vespertilionida	Miniopterus schreibersii	23	1
Vespertilionida	Myotis alcathoe	23	1
Vespertilionida	Myotis auraszens	23	1
Vespertilionida	Myotis bechsteinii	23	1
Vespertilionida	Myotis blythii	23	1
Vespertilionida	Myotis brandtii	23	1
Vespertilionida	Myotis capaccinii	23	1
Vespertilionida	Myotis dasycneme	23	1
Vespertilionida	Myotis daubentonii	23	1
Vespertilionida	Myotis emarginatus	23	1
Vespertilionida	Myotis hajastanicus	23	1
Vespertilionida	Myotis myotis	23	1
Vespertilionida	Myotis mystacinus	23	1
Vespertilionida	Myotis nattereri	23	1
Vespertilionida	Myotis nipalensis	23	1
Vespertilionida	Myotis cf. punicus	23	1
Vespertilionida	Myotis schaubi	23	1
Vespertilionida	Nyctalus lasiopterus	23	1
Vespertilionida	Nyctalus leisleri	23	1
Vespertilionida	Nyctalus noctula	23	1
Vespertilionida	Otonycteris hemprichii	23	1
Vespertilionida	Pipistrellus kuhlii	23	1
Vespertilionida	Pipistrellus nathusii	23	1
Vespertilionida	Pipistrellus pipistrellus	23	1
Vespertilionida	Pipistrellus pygmaeus	23	1
Vespertilionida	Plecotus alpinus	23	1
Vespertilionida	Plecotus auritus	23	1
Vespertilionida	Plecotus austriacus	23	1
Vespertilionida	Plecotus kolombatovici	23	1
Vespertilionida	Plecotus sardus	23	1
Vespertilionida	Vespertilio murinus	23	1
Molossida	Tadarida teniotis	23	1
GAVIIFORMES	Gavia stellata	23	1
GAVIIFORMES	Gavia artica	23	1
GAVIIFORMES	Gavia immer	23	1
GAVIIFORMES	Gavia adamsii	23	1
PODICIPEDIFORMES	Podiceps grisegena	23	1
PODICIPEDIFORMES	Podiceps auritus	23	1
PODICIPEDIFORMES	Podiceps nigricollis (caspius)	23	1
PODICIPEDIFORMES	Podiceps ruficollis	23	1
PROCELLARIIFORMES	Oceanites oceanicus	23	1
PROCELLARIIFORMES	Hydrobates pelagicus	23	1
PROCELLARIIFORMES	Oceanodroma leucorhoa	23	1

PROCELLARIIFORMES	Oceanodroma castro	23	1
PROCELLARIIFORMES	Pelagodroma marina	23	1
PELECANIFORMES	Phalacrocorax aristotelis (med)	23	1
PELECANIFORMES	Phalacrocorax pygmaeus	23	1
PELECANIFORMES	Pelecanus onocrotalus	23	1
PELECANIFORMES	Pelecanus crispus	23	1
CICONIIFORMES	Ardea purpurea	23	1
CICONIIFORMES	Casmerodius albus (Egretta alba)	23	1
CICONIIFORMES	Egretta garzetta	23	1
CICONIIFORMES	Ardeola ralloides	23	1
CICONIIFORMES	Bulbucus (Ardeola) ibis	23	1
CICONIIFORMES	Nycticorax nycticorax	23	1
CICONIIFORMES	Ixobrychus minutus	23	1
CICONIIFORMES	Botaurus stellaris	23	1
CICONIIFORMES	Ciconia nigra	23	1
CICONIIFORMES	Ciconia ciconia	23	1
CICONIIFORMES	Plegadis falcinellus	23	1
CICONIIFORMES	Platalea leucorodia	23	1
CICONIIFORMES	Phoenicopterus ruber	23	1
ANSERIFORMES	Cygnus cygnus	23	1
ANSERIFORMES	Cygnus bewickii (columbianus)	23	1
ANSERIFORMES	Anser erythropus	23	1
ANSERIFORMES	Branta leucopsis	23	1
ANSERIFORMES	Branta ruficollis	23	1
ANSERIFORMES	Tadorna tadorna	23	1
ANSERIFORMES	Tadorna ferruginea	23	1
ANSERIFORMES	Marmaronetta (Anas) angustirostris	23	1
ANSERIFORMES	Somateria spectabilis	23	1
ANSERIFORMES	Polysticta stelleri	23	1
ANSERIFORMES	Histrionicus histrionicus	23	1
ANSERIFORMES	Bucephala islandica	23	1
ANSERIFORMES	Mergus albellus	23	1
ANSERIFORMES	Oxyura leucocephala	23	1
FALCONIFORMES	Pernis apivorus	23	1
FALCONIFORMES	Elanus caeruleus	23	1
FALCONIFORMES	Milvus migrans	23	1
FALCONIFORMES	Milvus milvus	23	1
FALCONIFORMES	Haliaeetus albicilla	23	1
FALCONIFORMES	Gypaetus barbartus	23	1
FALCONIFORMES	Neophron percnopterus	23	1
FALCONIFORMES	Gyps fulvus	23	1
FALCONIFORMES	Aegypius monachus	23	1
FALCONIFORMES	Circus aeruginosus	23	1
FALCONIFORMES	Circus cyaneus	23	1
FALCONIFORMES	Circus macrourus	23	1
FALCONIFORMES	Circus pygargus	23	1
FALCONIFORMES	Accipiter gentilis	23	1
FALCONIFORMES	Accipiter nisus	23	1
FALCONIFORMES	Accipiter brevipes	23	1
FALCONIFORMES	Buteo buteo	23	1
FALCONIFORMES	Buteo rufinus	23	1
FALCONIFORMES	Buteo lagopus	23	1
FALCONIFORMES	Aquila pomarina	23	1

FALCONIFORMES	Aquila clanga	23	1
FALCONIFORMES	Aquila nipalensis	23	1
FALCONIFORMES	Aquila heliaca	23	1
FALCONIFORMES	Aquila adalberti	23	1
FALCONIFORMES	Aquila crysaetos	23	1
FALCONIFORMES	Hieraaetus pennatus	23	1
FALCONIFORMES	Hieraaetus fasciatus	23	1
FALCONIFORMES	Pandion haliaetus	23	1
FALCONIFORMES	Falco naumanni	23	1
FALCONIFORMES	Falco tinnunculus	23	1
FALCONIFORMES	Falco vespertinus	23	1
FALCONIFORMES	Falco columbarius	23	1
FALCONIFORMES	Falco subbuteo	23	1
FALCONIFORMES	Falco eleonora	23	1
FALCONIFORMES	Falco biarmicus	23	1
FALCONIFORMES	Falco cherrug	23	1
FALCONIFORMES	Falco rusticolus	23	1
FALCONIFORMES	Falco peregrinus	23	1
GALLIFORMES	Tetrao urogallus cantabricus	23	1
GRUIFORMES	Turnix sylvatica	23	1
GRUIFORMES	Porzana porzana	23	1
GRUIFORMES	Porzana pusilla	23	1
GRUIFORMES	Porzana parva	23	1
GRUIFORMES	Crex crex	23	1
GRUIFORMES	Porphyrio porphyrio	23	1
GRUIFORMES	Fulica cristata	23	1
GRUIFORMES	Grus grus	23	1
GRUIFORMES	Anthropoides virgo	23	1
GRUIFORMES	Tetrax tetrax	23	1
GRUIFORMES	Chlamydotis undulata	23	1
GRUIFORMES	Otis tarda	23	1
CHARADRIIFORMES	Hoplopterus spinosus	23	1
CHARADRIIFORMES	Charadrius hiaticula	23	1
CHARADRIIFORMES	Charadrius dubius	23	1
CHARADRIIFORMES	Charadrius alexandrinus	23	1
CHARADRIIFORMES	Charadrius leschenaulti	23	1
CHARADRIIFORMES	Eudromias morinellus	23	1
CHARADRIIFORMES	Arenaria interpres	23	1
CHARADRIIFORMES	Gallinago media	23	1
CHARADRIIFORMES	Numenius tenuirostris	23	1
CHARADRIIFORMES	Tringa stagnatilis	23	1
CHARADRIIFORMES	Tringa ochropus	23	1
CHARADRIIFORMES	Tringa glareola	23	1
CHARADRIIFORMES	Tringa hypoleucos	23	1
CHARADRIIFORMES	Tringa cinerea	23	1
CHARADRIIFORMES	Calidris minuta	23	1
CHARADRIIFORMES	Calidris temminckii	23	1
CHARADRIIFORMES	Calidris maritima	23	1
CHARADRIIFORMES	Calidris alpina	23	1
CHARADRIIFORMES	Calidris ferruginea	23	1
CHARADRIIFORMES	Calidris alba	23	1
CHARADRIIFORMES	Limicola falcinellus	23	1
CHARADRIIFORMES	Himantopus himantopus	23	1
CHARADRIIFORMES	Recurvirostra avosetta	23	1

CHARADRIIFORMES	Phalaropus lobatus	23	1
CHARADRIIFORMES	Phalaropus fulicarius	23	1
CHARADRIIFORMES	Cursorius cursor	23	1
CHARADRIIFORMES	Glareola pratincola	23	1
CHARADRIIFORMES	Glareola nordmanni	23	1
CHARADRIIFORMES	Pagophila eburnea	23	1
CHARADRIIFORMES	Larus audouinii	23	1
CHARADRIIFORMES	Larus melanocephalus	23	1
CHARADRIIFORMES	Larus genei	23	1
CHARADRIIFORMES	Larus minutus	23	1
CHARADRIIFORMES	Larus (Xenia) sabini	23	1
CHARADRIIFORMES	Chlidonias niger	23	1
CHARADRIIFORMES	Chlidonias leucopterus	23	1
CHARADRIIFORMES	Chlidonias hybrida	23	1
CHARADRIIFORMES	Gelochelidon nilotica	23	1
CHARADRIIFORMES	Hydroprogne caspia	23	1
CHARADRIIFORMES	Sterna hirundo	23	1
CHARADRIIFORMES	Sterna paradisaea (macrura)	23	1
CHARADRIIFORMES	Sterna dougallii	23	1
CHARADRIIFORMES	Sterna albifrons	23	1
CHARADRIIFORMES	Sterna sandvicensis	23	1
COLUMBIFORMES	Pterocles orientalis	23	1
COLUMBIFORMES	Pterocles alchata	23	1
COLUMBIFORMES	Columba bollii	23	1
COLUMBIFORMES	Columba junoniae	23	1
CUCULIFORMES	mator glandarius	23	1
STRIGIFORMES	Tyto alba	23	1
STRIGIFORMES	Otus scops	23	1
STRIGIFORMES	Bubo bubo	23	1
STRIGIFORMES	Nyctea scandiaca	23	1
STRIGIFORMES	Surnia ulula	23	1
STRIGIFORMES	Glaucidium passerinum	23	1
STRIGIFORMES	Athene noctua	23	1
STRIGIFORMES	Strix aluco	23	1
STRIGIFORMES	Strix uralensis	23	1
STRIGIFORMES	Strix nebulosa	23	1
STRIGIFORMES	Asio otus	23	1
STRIGIFORMES	Asio flammeus	23	1
STRIGIFORMES	Aegolius funereus	23	1
CAPRIMULGIFORMES	Caprimulgus europaeus	23	1
CAPRIMULGIFORMES	Caprimulgus ruficollis	23	1
APODIFORMES	Apus pallidus	23	1
APODIFORMES	Apus melba	23	1
APODIFORMES	Apus caffer	23	1
APODIFORMES	Apus unicolor	23	1
CORACIIFORMES	Alcedo atthis	23	1
CORACIIFORMES	Ceryle rudis	23	1
CORACIIFORMES	Halcyon smyrnensis	23	1
CORACIIFORMES	Merops apiaster	23	1
CORACIIFORMES	Coracias garrulus	23	1
CORACIIFORMES	Upopa epops	23	1
PICIFORMES	Jynx torquilla	23	1
PICIFORMES	Picus canus	23	1
PICIFORMES	Picus viridis	23	1

PICIFORMES	Dryocopus martius	23	1
PICIFORMES	Dendrocopos major	23	1
PICIFORMES	Dendrocopos syriacus	23	1
PICIFORMES	Dendrocopos medius	23	1
PICIFORMES	Dendrocopos leucotos	23	1
PICIFORMES	Dendrocopos minor	23	1
PICIFORMES	Picoides tridactylus	23	1
PASSERIFORMES	Calandrella brachydactyla	23	1
PASSERIFORMES	Calandrella rufescens	23	1
PASSERIFORMES	Melanocorypha bimaculata	23	1
PASSERIFORMES	Melanocorypha calandra	23	1
PASSERIFORMES	Melanocorypha leucoptera	23	1
PASSERIFORMES	Melanocorypha yeltoniensis	23	1
PASSERIFORMES	Galerida theklae	23	1
PASSERIFORMES	Chersophilus duponti	23	1
PASSERIFORMES	Eremophila alpestris	23	1
PASSERIFORMES	Riparia riparia	23	1
PASSERIFORMES	Ptyonoprogne rupestris	23	1
PASSERIFORMES	Hirundo rustica	23	1
PASSERIFORMES	Hirundo daurica	23	1
PASSERIFORMES	Delichon urbica	23	1
PASSERIFORMES	Anthus campestris	23	1
PASSERIFORMES	Anthus berthelotii	23	1
PASSERIFORMES	Anthus hodgsoni	23	1
PASSERIFORMES	Anthus trivialis	23	1
PASSERIFORMES	Anthus gustavi	23	1
PASSERIFORMES	Anthus pratensis	23	1
PASSERIFORMES	Anthus cervinus	23	1
PASSERIFORMES	Anthus petrosus	23	1
PASSERIFORMES	Anthus spinoletta	23	1
PASSERIFORMES	Motacilla flava	23	1
PASSERIFORMES	Motacilla citreola	23	1
PASSERIFORMES	Motacilla cinerea	23	1
PASSERIFORMES	Motacilla alba	23	1
PASSERIFORMES	Pycnonotus barbatus	23	1
PASSERIFORMES	Lanius collurio	23	1
PASSERIFORMES	Lanius minor	23	1
PASSERIFORMES	Lanius excubitor	23	1
PASSERIFORMES	Lanius senator	23	1
PASSERIFORMES	Lanius nubicus	23	1
PASSERIFORMES	Bombycilla garrulus	23	1
PASSERIFORMES	Cinclus cinclus	23	1
PASSERIFORMES	Troglodytes troglodytes	23	1
PASSERIFORMES	Prunella modularis	23	1
PASSERIFORMES	Prunella montanella	23	1
PASSERIFORMES	Prunella ocularis	23	1
PASSERIFORMES	Prunella atrogularis	23	1
PASSERIFORMES	Prunella collaris	23	1
PASSERIFORMES	Saxicola rubetra	23	1
PASSERIFORMES	Saxicola torquata	23	1
PASSERIFORMES	Saxicola dacotiae	23	1
PASSERIFORMES	Oenanthe oenanthe	23	1
PASSERIFORMES	Oenanthe pleschanka (leucomela)	23	1
PASSERIFORMES	Oenanthe hispanica	23	1

PASSERIFORMES	Oenanthe isabellina	23	1
PASSERIFORMES	Oenanthe leucura	23	1
PASSERIFORMES	Oenanthe finischii	23	1
PASSERIFORMES	Cercotrichas galactotes	23	1
PASSERIFORMES	Monticola saxatilis	23	1
PASSERIFORMES	Monticola solitarius	23	1
PASSERIFORMES	Turdus torquatus	23	1
PASSERIFORMES	Phoenicurus ochrurus	23	1
PASSERIFORMES	Phoenicurus phoenicurus	23	1
PASSERIFORMES	Erithacus rubecula	23	1
PASSERIFORMES	Luscinia megarhynchos	23	1
PASSERIFORMES	Luscinia luscinia	23	1
PASSERIFORMES	Luscinia (Cyanosylvia) svecica	23	1
PASSERIFORMES	Tarsiger cyanurus	23	1
PASSERIFORMES	Irania gutturalis	23	1
PASSERIFORMES	Cettia cetti	23	1
PASSERIFORMES	Cisticola juncidis	23	1
PASSERIFORMES	Prinia gracilis	23	1
PASSERIFORMES	Locustella lanceolata	23	1
PASSERIFORMES	Locustella naevia	23	1
PASSERIFORMES	Locustella fluviatilis	23	1
PASSERIFORMES	Locustella luscinioides	23	1
PASSERIFORMES	Acrocephalus melanopogon	23	1
PASSERIFORMES	Acrocephalus paludicola	23	1
PASSERIFORMES	Acrocephalus schoenobaenus	23	1
PASSERIFORMES	Acrocephalus agricola	23	1
PASSERIFORMES	Acrocephalus dumetorum	23	1
PASSERIFORMES	Acrocephalus palustris	23	1
PASSERIFORMES	Acrocephalus scirpaceus	23	1
PASSERIFORMES	Acrocephalus arundinaceus	23	1
PASSERIFORMES	Hippolais pallida	23	1
PASSERIFORMES	Hippolais caligata	23	1
PASSERIFORMES	Hippolais olivetorum	23	1
PASSERIFORMES	Hippolais icterina	23	1
PASSERIFORMES	Hippolais polyglotta	23	1
PASSERIFORMES	Sylvia sarda	23	1
PASSERIFORMES	Sylvia undata	23	1
PASSERIFORMES	Sylvia conspicillata	23	1
PASSERIFORMES	Sylvia cantillans	23	1
PASSERIFORMES	Sylvia mystacea	23	1
PASSERIFORMES	Sylvia melanocephala	23	1
PASSERIFORMES	Sylvia melanothorax	23	1
PASSERIFORMES	Sylvia rueppelli	23	1
PASSERIFORMES	Sylvia nana	23	1
PASSERIFORMES	Sylvia hortensis	23	1
PASSERIFORMES	Sylvia nisoria	23	1
PASSERIFORMES	Sylvia curruca	23	1
PASSERIFORMES	Sylvia communis	23	1
PASSERIFORMES	Sylvia borin	23	1
PASSERIFORMES	Sylvia atricapilla	23	1
PASSERIFORMES	Phylloscopus nitidus	23	1
PASSERIFORMES	Phylloscopus trochiloides	23	1
PASSERIFORMES	Phylloscopus borealis	23	1
PASSERIFORMES	Phylloscopus inornatus	23	1

PASSERIFORMES	Phylloscopus bonelli	23	1
PASSERIFORMES	Phylloscopus sibilatrix	23	1
PASSERIFORMES	Phylloscopus collybita	23	1
PASSERIFORMES	Phylloscopus trochilus	23	1
PASSERIFORMES	Regulus regulus	23	1
PASSERIFORMES	Regulus teneriffae	23	1
PASSERIFORMES	Regulus ignicapillus	23	1
PASSERIFORMES	Muscicapa striata	23	1
PASSERIFORMES	Ficedula parva	23	1
PASSERIFORMES	Ficedula semitorquata	23	1
PASSERIFORMES	Ficedula albicollis	23	1
PASSERIFORMES	Ficedula hypoleuca	23	1
PASSERIFORMES	Panurus biarmicus	23	1
PASSERIFORMES	Parus palustris	23	1
PASSERIFORMES	Parus lugubris	23	1
PASSERIFORMES	Parus montanus	23	1
PASSERIFORMES	Parus cinctus	23	1
PASSERIFORMES	Parus cristatus	23	1
PASSERIFORMES	Parus ater	23	1
PASSERIFORMES	Parus caeruleus	23	1
PASSERIFORMES	Parus cyanus	23	1
PASSERIFORMES	Parus major	23	1
PASSERIFORMES	Sitta krueperi	23	1
PASSERIFORMES	Sitta whiteheadi	23	1
PASSERIFORMES	Sitta europaea	23	1
PASSERIFORMES	Sitta neumayer	23	1
PASSERIFORMES	Certhia familiaris	23	1
PASSERIFORMES	Certhia brachydactyla	23	1
PASSERIFORMES	Emberiza citrinella	23	1
PASSERIFORMES	Emberiza leucocephala	23	1
PASSERIFORMES	Emberiza cirrus	23	1
PASSERIFORMES	Emberiza cineracea	23	1
PASSERIFORMES	Emberiza caesia	23	1
PASSERIFORMES	Emberiza cia	23	1
PASSERIFORMES	Emberiza schoeniclus	23	1
PASSERIFORMES	Emberiza melanocephala	23	1
PASSERIFORMES	Emberiza aureola	23	1
PASSERIFORMES	Emberiza pusilla	23	1
PASSERIFORMES	Emberiza rustica	23	1
PASSERIFORMES	Plectrophenax nivalis	23	1
PASSERIFORMES	Calcarius lapponicus	23	1
PASSERIFORMES	Carduelis chloris	23	1
PASSERIFORMES	Carduelis carduelis	23	1
PASSERIFORMES	Carduelis spinus	23	1
PASSERIFORMES	Carduelis flavirostris	23	1
PASSERIFORMES	Carduelis cannabina	23	1
PASSERIFORMES	Carduelis flammea	23	1
PASSERIFORMES	Carduelis hornemanni	23	1
PASSERIFORMES	Serinus citrinella	23	1
PASSERIFORMES	Serinus serinus	23	1
PASSERIFORMES	Serinus pusillus	23	1
PASSERIFORMES	Loxia curvirostra	23	1
PASSERIFORMES	Loxia pityopsittacus	23	1
PASSERIFORMES	Loxia leucoptera	23	1

PASSERIFORMES	Loxia scotica	23	1
PASSERIFORMES	Pinicola enucleator	23	1
PASSERIFORMES	Carpodacus erythrinus	23	1
PASSERIFORMES	Rhodopechys githaginea	23	1
PASSERIFORMES	Coccothraustes coccothraustes	23	1
PASSERIFORMES	Fringilla teydea	23	1
PASSERIFORMES	Petronia petronia	23	1
PASSERIFORMES	Montrifringilla nivalis	23	1
PASSERIFORMES	Sturnus unicolor	23	1
PASSERIFORMES	Sturnus roseus	23	1
PASSERIFORMES	Oriolus oriolus	23	1
PASSERIFORMES	Perisoreus infaustus	23	1
PASSERIFORMES	Cyanopica cyanus	23	1
PASSERIFORMES	Nucifraga caryocatactes	23	1
PASSERIFORMES	Pyrrhonorax pyrrhonorax	23	1
PASSERIFORMES	Pyrrhonorax graculus	23	1