



**Sector Operational Program for Environment and
Climate Action (2014-2020)**



**Improving Capacities
for Natura 2000 and CITES**

Draft Report

**National Reference Lists for habitats, plants,
animals and birds according to Habitats and Birds
Directive**

Project number NEAR/SKP/2021/EA-RP/0038

Contract number: 12-2879/1

Version 1.0

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(lead) and its consortium partners**

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List of Acronyms

AA	Appropriate Assessment
BD	Birds Directive
CA	Contracting Authority
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CFCD	Central Financing and Contracting Department
DEU	Delegation of the European Union
EC	European Commission
EIA	Environmental Impact Assessment
EU	European Union
GIS	Geographical Information System
GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit
HD	Habitats Directive
IBA	Important Bird Area
INSPIRE	Infrastructure for Spatial Information in EU - Directive 2007/2/EC
IT	Information and technology
JNKE	Junior Non-Key Expert
KE	Key Expert
LNP	Law on Nature Protection
MOEPP	Ministry for Environment and Physical Planning
MOF	Ministry of Finance
MAFWE	Ministry of Agriculture, Forestry and Water Economy
NGO	Non-Governmental Organisation
NKE	Non-Key Experts
NP	National Park
PA	Protected Area
PSC	Project Steering Committee
SDF	Standard Data Form
SNKE	Senior Non-Key Expert
TA	Technical assistance / Technical assistants
TL	Team Leader
ToR	Terms of Reference
ToT	Training of Trainers
WD	Working Day
WG	Working Group



1 Project Synopsis

Programme Name	Sector Operational Program for Environment and Climate Action (2014-2020)		
Project Name	Improving capacities for Natura 2000 and CITES		
Reference No:	NEAR/SKP/2021/EA-RP/0038		
Contract Number	12-2879/1		
Project Duration	30 Months		
Project Commencement Date	01.06.2022		
Project End Date	30.11.2024		
Name:	Ministry of Environment and Physical Planning	Ministry of Finance	NIRAS IC Sp. z o.o.
Role:	Beneficiary	Contracting Authority	Contractor
Address:	Ministry of Environment and Physical Planning Sq. Presveta Bogorodica br. 3 1000 Skopje Republic of North Macedonia	Ministry of Finance Dame Gruev no. 12 1000 Skopje Republic of North Macedonia	Pulawska 182 02-670 Warsaw, Poland
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Contact Person:	Ms Vesna Indova Tochko IPA Coordinator	Mr. Vladimir Ilievski	Mr. Jacek Niewiadomski
Overall Objective	Strengthening and improving the administrative capacity for harmonizing and implementation of the EU nature protection acquis		
Purpose	Strengthening and improving administrative capacities of the Ministry of Environment and Physical Planning/Administration of Environment for implementation of the EU nature protection acquis, through development of legislation, provision of training and implementation of EU Nature Protection legislation as a Birds and Habitat Directives and Council Regulation (EC) No 338/97 on the protection of species of wild fauna and flora.		
Expected Results	<p>Component 1 NATURA 2000</p> <p>1.1 Assessment and preparation of draft Standard Data Form for potential NATURA 2000 sites in whole Beneficiary Country (Special Protection Area (SPA) and Proposed Site of Community Importance (pSCI). The contractor needs to identify potential Natura 2000 sites in the whole country with fulfilled standard data formats (SDF) for the identified proposed selected areas for Natura 2000 at national level.</p> <p>1.2 Capacity building program for implementation of NATURA 2000 network: The contractor shall assist the beneficiary with implementation of the "Plan for Strengthening the administrative capacity for Natura 2000 implementation on central and local level with training programme", output from EU funded project 'Strengthening the Capacities for Implementation of NATURA 2000' where should improve and reinforce legislation on nature protection of natural habitats and wild flora and fauna on its territory.</p> <p>Component 2 CITES</p>		



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	<p>2.1 Preparation of Primary legislation aligned with the Council Regulation (EC) No 338/97 of 9 December 1996 on the protection of species of wild fauna and flora by regulating trade therein as amended by Regulations (EC) 938/97, 2307/97, 2214/98, 1476/99, 2724/2000, 1579/2001, 2476/2001, 1497/2003, 1882/2003, 834/2004, 1332/2005, 318/2008, 398/2009, 407/2009, 709/2010, 101/2012, 1158/2012 and 750/2013. The contractor should develop draft new Law on Cites with and all relevant sub-laws with full transpose of EU CITES Regulation as well Convention on International Trade in Endangered Species of Wild Fauna and Flora.</p> <p>2.2 Capacity building program for implementing of CITES Regulative.</p> <p>The contractor should develop and assist in implementing a Plan for Strengthening the administrative capacity for CITES implementation on central level.</p>
Key Activities	<p>Component 1 NATURA 2000</p> <p>1.1 Assessment and preparation of draft Standard Data Form for potential NATURA 2000 sites in whole Beneficiary Country (Special Protection Area (SPA) and Proposed Site of Community Importance (pSCI).</p> <p>The contractor needs to identify potential Natura 2000 sites in the whole country with full filled standard data formats (SDF) for the identified proposed selected areas for Natura 2000 at national level.</p> <p>1.2 Capacity building program for implementation of NATURA 2000 network</p> <p>The contractor shall assist the beneficiary with implementation of the "Plan for Strengthening the administrative capacity for Natura 2000 implementation on central and local level with training programme", output form EU funded project 'Strengthening the Capacities for Implementation of NATURA 2000' where should improve and reinforce legislation on nature protection of natural habitats and wild flora and fauna on its territory.</p> <p>Component 2 CITES</p> <p>2.1 Preparation of Primary legislation aligned with the Council Regulation (EC) No 338/97 of 9 December 1996 on the protection of species of wild fauna and flora by regulating trade therein as amended by Regulations (EC) 938/97, 2307/97, 2214/98, 1476/99, 2724/2000, 1579/2001, 2476/2001, 1497/2003, 1882/2003, 834/2004, 1332/2005, 318/2008, 398/2009, 407/2009, 709/2010, 101/2012, 1158/2012 and 750/2013</p> <p>The contractor should develop draft new Law on Cites with and all relevant sub-laws with full transpose of EU CITES Regulation as well Convention on International Trade in Endangered Species of Wild Fauna and Flora.</p> <p>2.2 Capacity building program for implementing of CITES Regulative</p> <p>The contractor should develop and assist in implementing a Plan for Strengthening the administrative capacity for CITES implementation on central level.</p>
Geographical area to be covered	Whole territory of the Republic of North Macedonia
Key Stakeholders	<p>Ministry for Agriculture, Forestry and Water Economy</p> <p>Public Enterprise Pastures</p> <p>Public Enterprise National Forests</p> <p>Public Enterprises for Protected areas management</p> <p>State Environmental Inspectorate</p> <p>Forestry police</p> <p>Ministry of Internal Affairs - Border Police</p> <p>State Inspectorate for forestry and hunting</p> <p>Food and Veterinary Agency</p> <p>Administration for Phytosanitary Health</p> <p>Customs Administration</p> <p>Macedonian Museum of Natural History</p>



	<p>Academia (Macedonian Academy of Science and Art, Faculty of natural science and mathematics - Institute for biology-, Hans Em Faculty of Forest Sciences, Landscape Architecture and Environmental Engineering, Faculty of veterinary medicine - Skopje, Hydrobiological Institute - Ohrid, etc.)</p> <p>Skopje and Bitola Zoos</p> <p>Chamber of Commerce</p>
Target Groups	<p>Ministry of Environment and Physical Planning</p> <p>Ministry for Agriculture, Forestry and Water Economy</p> <p>State Environmental inspectorate</p> <p>Customs administration</p> <p>Other State bodies and public science institutions</p> <p>Authorities who manage protected areas and local authorities</p> <p>Non-governmental organisations and other professional organisations</p>
Reporting Period	July 2022 - April 2023
Report No.	1.0.
Authors of the Report	<p>Slavcho Hristovski (sectoral report on invertebrates)</p> <p>Vlado Matevski (sectoral report on flora)</p> <p>Renata Custerevska (sectoral report on habitats)</p> <p>Metodija Veleviski (sectoral report on birds)</p> <p>Milica Ristovska (sectoral report on vertebrates)</p> <p>Daniel Bogner (Compilation of sectoral reports)</p> <p>Date 04.04.2023 Signature</p>



2 Introduction

According to the ToR of the project, the purpose is strengthening and improving administrative capacities of the Ministry of Environment and Physical Planning/Administration of Environment for implementation of the EU nature protection acquis, through implementation of EU Birds Directive and EU Habitat Directive.

The Component 1 of the project has to deliver 1.1 Assessment and preparation of draft Standard Data Form for potential NATURA 2000 sites in whole Beneficiary Country (Special Protection Area (SPA) and Proposed Site of Community Importance (pSCI).

The contractor needs to identify potential Natura 2000 sites in the whole country with full filled standard data formats (SDF) for the identified proposed selected areas for Natura 2000 at national level.

Task 1.1.7. is revising and updating of Draft National Reference Lists of habitats and species according to Annex I and II of Habitats Directive, as well Draft List of bird species from Annex I of the Birds Directive and other migratory birds regularly occurring in the Beneficiary country.

A comprehensive review of all recent documents dealing with assessment and valorisation of data for protected areas, identified Natura 2000 areas, EMERALD network, national red list assessment, and other reliable sources from various projects results of data on distribution of EU habitats and species contractor has been reviewed as to their applicability for preparing the reference lists .

A public consultation has been held on 24.01.2023 in the Natural History Museum. At this event about 45 experts have been present. The draft reference lists were presented by Prof. Vlado Matevski (flora), Prof. Renata Custerevska (habitats), Prof. Milica Ristovska (Vertebrates), Prof. Aleksandra Cvetkovska-Gjorgievska (Invertebrates) and Dr. Metodija Veleviski (Birds).

One comment was received on mail from a representative of the Hydrobiological Institute Ohrid related to one fish species.



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3 Reference lists

3.1 Habitats

Habitat Code	Priority	Habitat Name
1310		Salicornia and other annuals colonising mud and sand
1340	*	Inland salt meadows
1430		Halo-nitrophilous scrubs (Pegano-Salsoletea)
1530	*	Pannonic salt steppes and salt marshes
3110		Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)
3130		Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or Isoeto-Nanojuncetea
3140		Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.
3150		Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation
3160		Natural dystrophic lakes and ponds
3220		Alpine rivers and the herbaceous vegetation along their banks
3230		Alpine rivers and their ligneous vegetation with Myricaria germanica
3240		Alpine rivers and their ligneous vegetation with Salix elaeagnos
3260		Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation
3270		Rivers with muddy banks with Chenopodium rubri p.p. and Bidention p.p. vegetation
3280		Constantly flowing Mediterranean rivers with Paspalo- Agrostidion species and hanging curtains of Salix and Populus alba
4060		Alpine and Boreal heaths
4070	*	Bushes with Pinus mugo and Rhododendron hirsutum (Mugo-Rhododendretum hirsuti)



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Habitat Code	Priority	Habitat Name
4090		Endemic oro-Mediterranean heaths with gorse
5110		Stable xerothermophilous formations with <i>Buxus sempervirens</i> on rock slopes (Berberidion p.p.)
5130		<i>Juniperus communis</i> formations on heaths or calcareous grasslands
6150		Siliceous alpine and boreal grasslands
6170		Alpine and subalpine calcareous grasslands
6210	*	Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)
6220	*	Pseudo-steppe with grasses and annuals of the Thero-Brachypodietea
6230	*	Species-rich <i>Nardus</i> grasslands, on siliceous substrates in mountain areas (and submountain areas, in Continental Europe)
6260	*	Pannonic sand steppes
62D0		Oro-Moesian acidophilous grasslands
6430		Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels
6520		Mountain hay meadows
6540		Sub-Mediterranean grasslands of the <i>Molinio-Hordeion secalini</i>
7140		Transition mires and quaking bogs
7160		Fennoscandian mineral-rich springs and springfens
7210	*	Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i>
7220	*	Petrifying springs with tufa formation (<i>Cratoneurion</i>)
7230		Alkaline fens
8110		Siliceous scree of the montane to snow levels (<i>Androsacetalia alpinae</i> and <i>Galeopsetalia ladani</i>)
8140		Eastern Mediterranean screes
8150		Medio-European upland siliceous screes



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Habitat Code	Priority	Habitat Name
8210		Calcareous rocky slopes with chasmophytic vegetation
8220		Siliceous rocky slopes with chasmophytic vegetation
8230		Siliceous rock with pioneer vegetation of the Sedo- Scleranthion or of the Sedo albi-Veronicion dillenii
8310		Caves not open to the public
9110		Luzulo-Fagetum beech forests
9180	*	Tilio-Acerion forests of slopes, screes and ravines
91AA	*	Eastern white oak woods
91D0	*	Bog woodland
91E0	*	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>)
91F0		Riparian mixed forests of <i>Quercus robur</i> , <i>Ulmus laevis</i> and <i>Ulmus minor</i> , <i>Fraxinus excelsior</i> or <i>Fraxinus angustifolia</i> , along the great rivers (<i>Ulmenion minoris</i>)
91M0		Pannonian-Balkan turkey oak- sessile oak forests
91W0		Moesian Beech Forests
9250		<i>Quercus trojana</i> woods
9260		<i>Castanea sativa</i> woods
9270		Hellenic beech forests with <i>Abies borisii-regis</i>
92A0		<i>Salix alba</i> and <i>Populus alba</i> galleries
92C0		<i>Platanus orientalis</i> and <i>Liquidambar orientalis</i> woods (<i>Plantanion orientalis</i>)
92D0		Southern riparian galleries and thickets (<i>Nerio- Tamaricetea</i> and <i>Securinegion tinctoriae</i>)
9410		Acidophilous <i>Picea</i> forests of the montane to alpine levels (<i>Vaccinio- Piceetea</i>)
9530	*	(Sub-)Mediterranean pine forests with endemic black pines
9560	*	Endemic forests with <i>Juniperus</i> spp.
95A0		High oro-Mediterranean pine forests



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3.2 Species

Legend

Y	species is listed in the Annex
Y-HTL	species implicit listed in the Annex via a higher taxonomic level
Y-CTC	species is covered by the Annex, difference in scientific name is due to a change in taxon concept (e.g. because previous species concept has been revised and split up in two species).
Y-EXCP	species is listed in the Annex with regional exceptions
N	species is not listed in the Annex

Species code	HD_name	Scientific_name	PRIORITY	Annex II	Annex IV	Annex V	Group_name	Taxon Group
1308	Barbastella barbastellus	Barbastella barbastellus	N	Y	Y	N	Mammals	Chiroptera
1310	Miniopterus schreibersii	Miniopterus schreibersii	N	Y	Y	N	Mammals	Chiroptera
1323	Myotis bechsteinii	Myotis bechsteinii	N	Y	Y	N	Mammals	Chiroptera
1307	Myotis blythii	Myotis blythii	N	Y	Y	N	Mammals	Chiroptera
1316	Myotis capaccinii	Myotis capaccinii	N	Y	Y	N	Mammals	Chiroptera
1321	Myotis emarginatus	Myotis emarginatus	N	Y	Y	N	Mammals	Chiroptera
1324	Myotis myotis	Myotis myotis	N	Y	Y	N	Mammals	Chiroptera
1306	Rhinolophus blasii	Rhinolophus blasii	N	Y	Y	N	Mammals	Chiroptera
1305	Rhinolophus euryale	Rhinolophus euryale	N	Y	Y	N	Mammals	Chiroptera
1304	Rhinolophus ferrumequinum	Rhinolophus ferrumequinum	N	Y	Y	N	Mammals	Chiroptera



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Species code	HD_name	Scientific_name	PRIORITY	Annex II	Annex IV	Annex V	Group_name	Taxon Group
1303	Rhinolophus hipposideros	Rhinolophus hipposideros	N	Y	Y	N	Mammals	Chiroptera
1302	Rhinolophus mehelyi	Rhinolophus mehelyi	N	Y	Y	N	Mammals	Chiroptera
6338	Dinaromys bogdanovi	Dinaromys bogdanovi	N	Y	Y	N	Mammals	Rodentia
1335	Spermophilus citellus	Spermophilus citellus	N	Y	Y	N	Mammals	Rodentia
1352	Canis lupus	Canis lupus	Y	Y	Y	Y	Mammals	Carnivora
1355	Lutra lutra	Lutra lutra	N	Y	Y	N	Mammals	Carnivora
1361	Lynx lynx	Lynx lynx (balcanicus)	N	Y	Y	Y	Mammals	Carnivora
1354	Ursus arctos	Ursus arctos	Y	Y	Y	N	Mammals	Carnivora
2635	Vormela peregusna	Vormela peregusna	N	Y	Y	N	Mammals	Carnivora
1371	Rupicapra rupicapra	Rupicapra rupicapra balcanica	N	Y	Y	N	Mammals	Artiodactyla
1220	Emys orbicularis	Emys orbicularis	N	Y	Y	N	Reptiles	Chelonia
1222	Mauremys caspica	Mauremys rivulata	N	Y	Y	N	Reptiles	Chelonia
1219	Testudo graeca	Testudo graeca	N	Y	Y	N	Reptiles	Chelonia
1217	Testudo hermanni	Testudo hermanni	N	Y	Y	N	Reptiles	Chelonia
1279	Elaphe quatuorlineata	Elaphe quatuorlineata	N	Y	Y	N	Reptiles	Ophidia
6095	Elaphe situla	Zamenis situla	N	Y-CTC	Y-CTC	N	Reptiles	Ophidia
1298	Vipera ursinii	Vipera ursinii	N	Y	Y	N	Reptiles	Ophidia
5364	Triturus carnifex	Triturus macedonicus	N	Y-CTC	Y-CTC	N	Amphibians	Salamandridae
1171	Triturus karelinii	Triturus karelinii	N	Y	Y	N	Amphibians	Salamandridae
1193	Bombina variegata	Bombina variegata	N	Y	Y	N	Amphibians	Bombinatoridae



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Species code	HD_name	Scientific_name	PRIORITY	Annex II	Annex IV	Annex V	Group_name	Taxon Group
2484	Eudontomyzon spp.	Eudontomyzon mariae	N	Y-HTL	N	N	Fish	Petromyzonidae
1098	Eudontomyzon spp.	Eudontomyzon stankokaramani	N	Y	N	N	Fish	Petromyzonidae
1101	Acipenser sturio	Acipenser sturio	Y	Y	Y	N	Fish	Acipenseridae
1103	Alosa spp.	Alosa fallax	N	Y-HTL	N	Y-HTL	Fish	Clupeidae
5350	Salmo macrostigma	Salmo farioides	N	Y-CTC	N	N	Fish	Salmonidae
	Salmo macrostigma	Salmo letnica	N	Y-CTC	N	N	Fish	Salmonidae
5353	Salmo macrostigma	Salmo macedonicus	N	Y-CTC	N	N	Fish	Salmonidae
5354	Salmo macrostigma	Salmo pelagonicus	N	Y-CTC	N	N	Fish	Salmonidae
5355	Salmo macrostigma	Salmo peristericus	N	Y-CTC	N	N	Fish	Salmonidae
1107	Salmo marmoratus	Salmo marmoratus	N	Y	N	N	Fish	Salmonidae
5261	Barbus meridionalis	Barbus balcanicus	N	Y-CTC	N	Y-CTC	Fish	Cyprinidae
5255	Barbus meridionalis	Barbus rebeli	N	Y-CTC	N	Y-CTC	Fish	Cyprinidae
5095	Barbus plebejus	Barbus prespensis	N	Y-CTC	N	Y-CTC	Fish	Cyprinidae
5263	Barbus plebejus	Barbus strumicae	N	Y-CTC	N	Y-CTC	Fish	Cyprinidae
5093	Barbus spp.	Barbus macedonicus	N	N	N	Y-HTL	Fish	Cyprinidae
5327	Gobio kessleri	Romanogobio banarescui	N	Y-CTC	N	N	Fish	Cyprinidae
5330	Gobio uranoscopus	Romanogobio stankoi	N	Y-CTC	N	N	Fish	Cyprinidae
	Phoxinellus spp.	Pelagus minutus	N	Y-CTC	N	N	Fish	Cyprinidae
6264	Phoxinellus spp.	Pelagus prespensis	N	Y-CTC	N	N	Fish	Cyprinidae
5339	Rhodeus sericeus amarus	Rhodeus amarus	N	Y-CTC	N	N	Fish	Cyprinidae



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Species code	HD_name	Scientific_name	PRIORITY	Annex II	Annex IV	Annex V	Group_name	Taxon Group
5340	Rhodeus sericeus amarus	Rhodeus meridionalis	N	Y-CTC	N	N	Fish	Cyprinidae
	Rutilus rubilio	Rutilus ohridanus	N	Y-CTC	N	N	Fish	Cyprinidae
5342	Rutilus rubilio	Rutilus prespensis	N	Y-CTC	N	N	Fish	Cyprinidae
5310	Cobitis taenia	Cobitis meridionalis	N	Y-CTC-EXCP	N	N	Fish	Cobitidae
5308	Cobitis taenia	Cobitis ohridana	N	Y-CTC-EXCP	N	N	Fish	Cobitidae
5299	Cobitis taenia	Cobitis strumicae	N	Y-CTC-EXCP	N	N	Fish	Cobitidae
5309	Cobitis taenia	Cobitis vardarensis	N	Y-CTC-EXCP	N	N	Fish	Cobitidae
5197	Sabanejewia aurata	Sabanejewia balcanica	N	Y-CTC	N	N	Fish	Cobitidae
5356	Zingel spp.	Zingel balcanicus	N	Y-HTL	N	N	Fish	Percidae
1091	Astacus astacus	Astacus astacus	N	N	N	Y	Invertebrates	Crustacea
1093	Austropotamobius torrentium	Austropotamobius torrentium	Y	Y	N	Y	Invertebrates	Crustacea
4014	Carabus variolosus	Carabus variolosus	N	Y	Y	N	Invertebrates	Coleoptera
1088	Cerambyx cerdo	Cerambyx cerdo	N	Y	Y	N	Invertebrates	Coleoptera
1086	Cucujus cinnaberinus	Cucujus cinnaberinus	N	Y	Y	N	Invertebrates	Coleoptera
1083	Lucanus cervus	Lucanus cervus	N	Y	N	N	Invertebrates	Coleoptera
1089	Morimus funereus	Morimus asper funereus	N	Y	N	N	Invertebrates	Coleoptera
1084	Osmoderma eremita	Osmoderma barnabita	Y	Y	Y	N	Invertebrates	Coleoptera
1087	Rosalia alpina	Rosalia alpina	Y	Y	Y	N	Invertebrates	Coleoptera



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Species code	HD_name	Scientific_name	PRIORITY	Annex II	Annex IV	Annex V	Group_name	Taxon Group
6199	Callimorpha quadripunctaria	Euplagia quadripunctaria	Y	Y	N	N	Invertebrates	Lepidoptera
1074	Eriogaster catax	Eriogaster catax	N	Y	Y	N	Invertebrates	Lepidoptera
1065	Euphydryas aurinia	Euphydryas aurinia	N	Y	N	N	Invertebrates	Lepidoptera
6169	Hypodryas maturna	Euphydryas maturna	N	Y-CTC	Y-CTC	N	Invertebrates	Lepidoptera
1060	Lycaena dispar	Lycaena dispar	N	Y	Y	N	Invertebrates	Lepidoptera
6265	Maculinea arion	Phengaris arion	N	N	Y	N	Invertebrates	Lepidoptera
4039	Nymphalis vaualbum	Nymphalis vaualbum	Y	Y	Y	N	Invertebrates	Lepidoptera
1054	Papilio alexanor	Papilio alexanor	N	N	Y	N	Invertebrates	Lepidoptera
1057	Parnassius apollo	Parnassius apollo	N	N	Y	N	Invertebrates	Lepidoptera
1056	Parnassius mnemosyne	Parnassius mnemosyne	N	N	Y	N	Invertebrates	Lepidoptera
4042	Polyommatus eroides	Polyommatus eroides	N	Y	Y	N	Invertebrates	Lepidoptera
1076	Proserpinus proserpina	Proserpinus proserpina	N	N	Y	N	Invertebrates	Lepidoptera
4043	Pseudophilotes bavius	Pseudophilotes bavius	N	Y	Y	N	Invertebrates	Lepidoptera
1053	Zerynthia polyxena	Zerynthia polyxena	N	N	Y	N	Invertebrates	Lepidoptera
1044	Coenagrion mercuriale	Coenagrion mercuriale	N	Y	N	N	Invertebrates	Odonata
4045	Coenagrion ornatum	Coenagrion ornatum	N	Y	N	N	Invertebrates	Odonata
4046	Cordulegaster heros	Cordulegaster heros	N	Y	Y	N	Invertebrates	Odonata
1042	Leucorrhinia pectoralis	Leucorrhinia pectoralis	N	Y	Y	N	Invertebrates	Odonata
1043	Lindenia tetraphylla	Lindenia tetraphylla	N	Y	Y	N	Invertebrates	Odonata
1037	Ophiogomphus cecilia	Ophiogomphus cecilia	N	Y	Y	N	Invertebrates	Odonata



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Species code	HD_name	Scientific_name	PRIORITY	Annex II	Annex IV	Annex V	Group_name	Taxon Group
6167	Stylurus flavipes	Gomphus flavipes	N	N	Y	N	Invertebrates	Odonata
4053	Paracaloptenus caloptenoides	Paracaloptenus caloptenoides	N	Y	Y	N	Invertebrates	Orthoptera
1050	Saga pedo	Saga pedo	N	N	Y	N	Invertebrates	Orthoptera
4055	Stenobothrus eurasius	Stenobothrus eurasius macedonicus	N	Y	Y	N	Invertebrates	Orthoptera
1026	Helix pomatia	Helix pomatia	N	N	N	Y	Invertebrates	Mollusca
1032	Unio crassus	Unio crassus	N	Y	Y	N	Invertebrates	Mollusca
1014	Vertigo angustior	Vertigo angustior	N	Y	N	N	Invertebrates	Mollusca
1034	Hirudo medicinalis	Hirudo medicinalis	N	N	N	Y	Invertebrates	Annelida
1617	Angelica palustris	Angelica palustris	N	Y	Y	N	Vascular plants	Apiaceae
6282	Serratula lycopifolia	Klasea lycopifolia	Y-CTC	Y-CTC	Y	N	Vascular plants	Asteraceae
4067	Echium russicum	Echium russicum	N	Y	Y	N	Vascular plants	Boraginaceae
1516	Aldrovanda vesiculosa	Aldrovanda vesiculosa	N	Y	Y	N	Vascular plants	Droseraceae
1739	Ramonda serbica	Ramonda serbica	N	N	Y	N	Vascular plants	Gesneriaceae
1845	Fritillaria gussichiae	Fritillaria gussichiae	N	N	Y	N	Vascular plants	Liliaceae
1725	Lindernia procumbens	Lindernia procumbens	N	N	Y	N	Vascular plants	Linderniaceae
1428	Marsilea quadrifolia	Marsilea quadrifolia	N	Y	Y	N	Vascular plants	Marsileaceae
6302	Anacamptis urvilleana	Anacamptis pyramidalis	N	Y	Y	N	Vascular plants	Orchidaceae
2327	Himantoglossum caprinum	Himantoglossum caprinum	N	Y	Y	N	Vascular plants	Orchidaceae
6244	Tozzia carpathica	Tozzia alpina ssp. carpathica	N	Y-CTC	Y	N	Vascular plants	Orobanchaceae



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Species code	HD_name	Scientific_name	PRIORITY	Annex II	Annex IV	Annex V	Group_name	Taxon Group
1386	Buxbaumia viridis	Buxbaumia viridis	N	Y	N	N	Non-vascular plants	Bryophyta
6216	Hamatocaulis vernicosus	Drepanocladus (Hamatocaulis) vernicosus	N	Y	N	N	Non-vascular plants	Bryophyta
1379	Mannia triandra	Mannia triandra	N	Y	N	N	Non-vascular plants	Bryophyta

3.3 Birds

Order_BD	Family_BD	Code	Name	Birds Directive	National Draft List EU importance
Gaviiformes	Gaviidae	A001	Gavia stellata	Annex I	Relevant Annex I species
Gaviiformes	Gaviidae	A002	Gavia arctica	Annex I	Relevant Annex I species
Pelecaniformes	Pelecanidae	A019	Pelecanus onocrotalus	Annex I	Relevant Annex I species
Pelecaniformes	Pelecanidae	A020	Pelecanus crispus	Annex I	Relevant Annex I species
Pelecaniformes	Phalacrocoracidae	A393	Phalacrocorax pygmeus	Annex I	Relevant Annex I species
Ciconiiformes	Ardeidae	A022	Ixobrychus minutus	Annex I	Relevant Annex I species
Ciconiiformes	Ardeidae	A023	Nycticorax nycticorax	Annex I	Relevant Annex I species
Ciconiiformes	Ardeidae	A024	Ardeola ralloides	Annex I	Relevant Annex I species
Ciconiiformes	Ardeidae	A026	Egretta garzetta	Annex I	Relevant Annex I species
Ciconiiformes	Ardeidae	A027	Egretta alba (Ardea alba)	Annex I	Relevant Annex I species
Ciconiiformes	Ardeidae	A029	Ardea purpurea	Annex I	Relevant Annex I species
Ciconiiformes	Ardeidae	A021	Botaurus stellaris	Annex I	Relevant Annex I species
Ciconiiformes	Ciconiidae	A030	Ciconia nigra	Annex I	Relevant Annex I species



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Order_BD	Family_BD	Code	Name	Birds Directive	National Draft List EU importance
Ciconiiformes	Ciconiidae	A031	Ciconia ciconia	Annex I	Relevant Annex I species
Ciconiiformes	Threskiornithidae	A032	Plegadis falcinellus	Annex I	Relevant Annex I species
Ciconiiformes	Threskiornithidae	A034	Platalea leucorodia	Annex I	Relevant Annex I species
Anseriformes	Anatidae	A060	Aythya nyroca	Annex I	Relevant Annex I species
Anseriformes	Anatidae	A068	Mergus albellus (Mergellus albellus)	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A094	Pandion haliaetus	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A402	Accipiter brevipes	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A079	Aegypius monachus	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A404	Aquila heliaca	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A091	Aquila chrysaetos	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A403	Buteo rufinus	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A089	Aquila pomarina	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A080	Circaetus gallicus	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A081	Circus aeruginosus	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A084	Circus pygargus	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A076	Gypaetus barbatus	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A078	Gyps fulvus	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A075	Haliaeetus albicilla	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A092	Hieraaetus pennatus	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A073	Milvus migrans	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A077	Neophron percnopterus	Annex I	Relevant Annex I species
Falconiformes	Accipitridae	A072	Pernis apivorus	Annex I	Relevant Annex I species
Falconiformes	Falconidae	A095	Falco naumanni	Annex I	Relevant Annex I species

Order_BD	Family_BD	Code	Name	Birds Directive	National Draft List EU importance
Falconiformes	Falconidae	A097	Falco vespertinus	Annex I	Relevant Annex I species
Falconiformes	Falconidae	A101	Falco biarmicus	Annex I	Relevant Annex I species
Falconiformes	Falconidae	A511	Falco cherrug	Annex I	Relevant Annex I species
Falconiformes	Falconidae	A103	Falco peregrinus	Annex I	Relevant Annex I species
Galliformes	Tetraonidae	A108	Tetrao urogallus	Annexes I; II/B; III/B	Relevant Annex I species
Galliformes	Tetraonidae	A104	Bonasa bonasia	Annexes I; II/B	Relevant Annex I species
Galliformes	Phasianidae	A109	Alectoris graeca	Annexes I; II/A	Relevant Annex I species
Gruiformes	Rallidae	A119	Porzana porzana	Annex I	Relevant Annex I species
Gruiformes	Rallidae	A120	Porzana parva	Annex I	Relevant Annex I species
Gruiformes	Rallidae	A121	Porzana pusilla	Annex I	Relevant Annex I species
Gruiformes	Rallidae	A122	Crex crex	Annex I	Relevant Annex I species
Charadriiformes	Recurvirostridae	A131	Himantopus himantopus	Annex I	Relevant Annex I species
Charadriiformes	Burhinidae	A133	Burhinus oedicnemus	Annex I	Relevant Annex I species
Charadriiformes	Scolopacidae	A151	Philomachus pugnax	Annexes I; II/B	Relevant Annex I species
Charadriiformes	Sternidae	A193	Sterna hirundo	Annex I	Relevant Annex I species
Charadriiformes	Sternidae	A195	Sterna albifrons	Annex I	Relevant Annex I species
Charadriiformes	Sternidae	A196	Chlidonias hybridus	Annex I	Relevant Annex I species
Charadriiformes	Sternidae	A197	Chlidonias niger	Annex I	Relevant Annex I species
Strigiformes	Strigidae	A215	Bubo bubo	Annex I	Relevant Annex I species
Strigiformes	Strigidae	A220	Strix uralensis	Annex I	Relevant Annex I species
Strigiformes	Strigidae	A222	Asio flammeus	Annex I	Relevant Annex I species
Strigiformes	Strigidae	A223	Aegolius funereus	Annex I	Relevant Annex I species
Caprimulgiformes	Caprimulgidae	A224	Caprimulgus europaeus	Annex I	Relevant Annex I species



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Order_BD	Family_BD	Code	Name	Birds Directive	National Draft List EU importance
Coraciiformes	Alcedinidae	A229	Alcedo atthis	Annex I	Relevant Annex I species
Coraciiformes	Coraciidae	A231	Coracias garrulus	Annex I	Relevant Annex I species
Piciformes	Picidae	A234	Picus canus	Annex I	Relevant Annex I species
Piciformes	Picidae	A236	Dryocopus martius	Annex I	Relevant Annex I species
Piciformes	Picidae	A238	Dendrocopos medius	Annex I	Relevant Annex I species
Piciformes	Picidae	A239	Dendrocopos leucotos	Annex I	Relevant Annex I species
Piciformes	Picidae	A429	Dendrocopos syriacus	Annex I	Not included
Passeriformes	Alaudidae	A243	Calandrella brachydactyla	Annex I	Relevant Annex I species
Passeriformes	Alaudidae	A242	Melanocorypha calandra	Annex I	Relevant Annex I species
Passeriformes	Alaudidae	A246	Lullula arborea	Annex I	Relevant Annex I species
Passeriformes	Motacillidae	A255	Anthus campestris	Annex I	Relevant Annex I species
Passeriformes	Muscicapidae (Sylviinae)	A293	Acrocephalus melanopogon	Annex I	Relevant Annex I species
Passeriformes	Muscicapidae (Sylviinae)	A439	Hippolais olivetorum	Annex I	Relevant Annex I species
Passeriformes	Muscicapidae (Sylviinae)	A307	Sylvia nisoria	Annex I	Relevant Annex I species
Passeriformes	Muscicapidae (Muscicapinae)	A321	Ficedula albicollis	Annex I	Relevant Annex I species
Passeriformes	Muscicapidae (Muscicapinae)	A320	Ficedula parva	Annex I	Relevant Annex I species
Passeriformes	Muscicapidae (Muscicapinae)	A442	Ficedula semitorquata	Annex I	Relevant Annex I species
Passeriformes	Laniidae	A338	Lanius collurio	Annex I	Relevant Annex I species
Passeriformes	Laniidae	A339	Lanius minor	Annex I	Relevant Annex I species
Passeriformes	Laniidae	A433	Lanius nubicus	Annex I	Relevant Annex I species
Passeriformes	Corvidae	A346	Pyrrhocorax pyrrhocorax	Annex I	Relevant Annex I species
Passeriformes	Emberizidae (Emberizinae)	A379	Emberiza hortulana	Annex I	Relevant Annex I species
Anseriformes	Anatidae	A051	Anas strepera	Annex II/A	Migratory species



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Order_BD	Family_BD	Code	Name	Birds Directive	National Draft List EU importance
Anseriformes	Anatidae	A059	Aythya ferina	Annexes II/A; III/B	Migratory species
Anseriformes	Anatidae	A036	Cygnus olor	Annex II/B	Migratory species
Anseriformes	Anatidae	A058	Netta rufina	Annex II/B	Migratory species
Anseriformes	Anatidae	A070	Mergus merganser	Annex II/B	Migratory species
Charadriiformes	Charadriidae	A136	Charadrius dubius	Not included	Migratory species
Charadriiformes	Scolopacidae	A153	Gallinago gallinago	Annexes II/A; III/B	Migratory species
Charadriiformes	Charadriidae	A142	Vanellus vanellus	Annex II/B	Migratory species
Charadriiformes	Scolopacidae	A155	Scolopax rusticola	Annexes II/A; III/B	Migratory species
Columbiformes	Columbidae	A210	Streptopelia turtur	Annex II/B	Migratory species
Gruiformes	Rallidae	A125	Fulica atra	Annexes II/A; III/B	Migratory species
Caprimulgiformes	Apodidae	A228	Tachymarptis melba	Not included	Migratory species
Passeriformes	Muscicapidae (Sylviinae)	A299	Hippolais icterina	Not included	Migratory species
Passeriformes	Emberizidae (Emberizinae)	A382	Emberiza melanocephala	Not included	Migratory species
Passeriformes	Muscicapidae (Turdinae)	A268	Cercotrichas galactotes	Not included	Migratory species
Passeriformes	Muscicapidae (Turdinae)	A281	Monticola solitarius	Not included	Migratory species
Passeriformes	Muscicapidae (Turdinae)	A278	Oenanthe hispanica	Not included	Migratory species
Passeriformes	Laniidae	A341	Lanius senator	Not included	Migratory species
Passeriformes	Muscicapidae (Sylviinae)	A292	Locustella luscinioides	Not included	Migratory species
Passeriformes	Muscicapidae (Sylviinae)	A314	Phylloscopus orientalis	Not included	Migratory species
Passeriformes	Muscicapidae (Sylviinae)	A314	Phylloscopus sibilatrix	Not included	Migratory species
Passeriformes	Remizidae	A336	Remiz pendulinus	Not included	Migratory species
Passeriformes	Muscicapidae (Sylviinae)	A304	Sylvia cantillans	Not included	Migratory species
Passeriformes	Muscicapidae (Sylviinae)	A571	Sylvia crassirostris	Not included	Migratory species



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Order_BD	Family_BD	Code	Name	Birds Directive	National Draft List EU importance
Passeriformes	Muscicapidae (Sylviinae)	A305	<i>Sylvia melanocephala</i>	Not included	Migratory species
Ciconiiformes	Ardeidae	A028	<i>Ardea cinerea</i>	Not included	Deserve strict protection
Columbiformes	Columbidae	A207	<i>Columba oenas</i>	Annex II/B	Deserve strict protection
Passeriformes	Emberizidae (Emberizinae)	A381	<i>Emberiza schoeniclus</i>	Not included	Deserve strict protection
Passeriformes	Alaudidae	A248	<i>Eremophila alpestris</i>	Not included	Deserve strict protection
Charadriiformes	Laridae	A604	<i>Larus michahellis</i>	Annex II/B	Deserve strict protection
Passeriformes	Passeridae	A358	<i>Montifringilla nivalis</i>	Not included	Deserve strict protection
Passeriformes	Corvidae	A344	<i>Nucifraga caryocatactes</i>	Not included	Deserve strict protection
Passeriformes	Panuridae	A323	<i>Panurus biarmicus</i>	Not included	Deserve strict protection
Passeriformes	Passeridae	A357	<i>Petronia petronia</i>	Not included	Deserve strict protection
Pelecaniformes	Phalacrocoracidae	A017	<i>Phalacrocorax carbo</i>	Not included	Deserve strict protection
Phoenicopteriformes	Podicipedidae	A005	<i>Podiceps cristatus</i>	Not included	Deserve strict protection
Phoenicopteriformes	Podicipedidae	A008	<i>Podiceps nigricollis</i>	Not included	Deserve strict protection
Passeriformes	Paridae	A326	<i>Poecile montanus</i>	Not included	Deserve strict protection
Passeriformes	Prunellidae	A267	<i>Prunella collaris</i>	Not included	Deserve strict protection
Passeriformes	Corvidae	A345	<i>Pyrrhocorax graculus</i>	Not included	Deserve strict protection
Passeriformes	Sittidae	A445	<i>Sitta neumayer</i>	Not included	Deserve strict protection
Phoenicopteriformes	Podicipedidae	A004	<i>Tachybaptus ruficollis</i>	Not included	Deserve strict protection
Passeriformes	Sittidae	A333	<i>Tichodroma muraria</i>	Not included	Deserve strict protection
Passeriformes	Muscicapidae (Turdinae)	A282	<i>Turdus torquatus</i>	Not included	Deserve strict protection