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MEETING TO CONCLUDE THE MEMORANDUM OF UNDERSTANDING ON THE CONSERVATION OF MIGRATORY BIRDS OF PREY IN AFRICA AND EURASIA UNDER THE CONVENTION ON MIGRATORY SPECIES Abu Dhabi, United Arab Emirates, 20-22 October 2008 Agenda item 9.0

# FINAL TEXT ACTION PLAN FOR THE CONSERVATION OF MIGRATORY BIRDS OF PREY IN AFRICA AND EURASIA

(as at 9 September 2008)





## ACTION PLAN FOR THE CONSERVATION OF MIGRATRY BIRDS OF PREY IN AFRICA AND EURASIA

### 1. General Aim

The general aim is to ensure that all populations of African-Eurasian migratory birds of prey (including owls) are maintained in, or returned to, Favourable Conservation Status within the meaning of Article 1(c) of the Convention.

### 2. Objectives

For the effective period of this Action Plan, the following objectives are set:

- a) To halt and reverse the population declines<sup>1</sup> of globally threatened (Critically Endangered, Endangered and Vulnerable) and Near Threatened birds of prey and alleviate threats to them such that they are no longer globally threatened or Near Threatened;
- b) Where possible to halt and reverse the population declines of other birds of prey with an Unfavourable Conservation Status within Africa and Eurasia and alleviate threats to them in order to return their populations to Favourable Conservation Status; and
- c) To anticipate, reduce and avoid potential and new threats to all bird of prey species, especially to prevent the populations of any species undergoing long-term decline.

### 3. Species Categories

3.1. The bird of prey species included in Annex 1 of this Memorandum of Understanding (MoU) are assigned within the following categories:

<u>Category 1</u>: Globally threatened and Near Threatened species as defined according to the latest IUCN Red List and listed as such in the BirdLife International World Bird Database:

<u>Category 2</u>: Species considered to have Unfavourable Conservation Status at a regional level within the range States and territories listed in Annex 2 to the MoU; and

Category 3: all other migratory species.

3.2. The species in Annex 1 of this MoU are assigned to the categories provided for in paragraph 3.1 as given in Table 1, for the effective period of this Action Plan, unless Table 1 is amended in accordance with a procedure to be agreed by the Signatories at the first session of the Meeting of Signatories.

<sup>&</sup>lt;sup>1</sup> Population decline is taken to mean a reduction in abundance or range.

### 4. Priority Actions

Taking into account the predicted impacts of threats and opportunities for reducing them, the actions for achieving the objectives given in paragraph 2 are considered to be (in order of importance):

- Protecting all species from unlawful killing, including poisoning and shooting, persecution and unsustainable exploitation;
- Promoting, as far as possible, high environmental standards in the planning and construction of structures to minimise their impact on species, and seeking to minimise the impact of existing structures where it becomes evident that they constitute a negative impact for the species concerned;
- Conserving bird of prey habitats by encouraging an Ecosystem Approach to sustainable development and sectoral land use practices, as envisaged in the Convention on Biological Diversity (CBD) Ecosystem Approach (CBD V/6 and VII/11);
- Protecting and/or appropriately managing important sites: especially where Category 1 species breed, and all migration bottlenecks (known important sites are listed in Table 3);
- Taking into account the needs of bird of prey conservation in sectors and related policies such as agriculture, forestry, fisheries, industries, tourism, energy, chemicals and pesticides;
- Raising awareness about birds of prey, their current plight and the threats that they face, and the measures that need to be taken to conserve them;
- Assessing and monitoring of populations throughout the Range States to establish reliable population trends; conducting research to establish the impacts of threats on them and the measures that are needed to alleviate them; and, sharing information between Signatories and other Range States;
- Conducting research on species ecology and migratory behaviour, including analysing available data in order to describe flyway boundaries and migratory patterns, and routes, at the level of species' populations; and
- Building capacity for conservation actions (in relevant institutions and local communities) by developing knowledge and monitoring of birds of prey.

### 5. Implementation Framework

5.1. **Activities** The principal activities Signatories ought to undertake in order to implement the general provisions of the MoU and the specific issues addressed in this Action Plan are set out in Table 2. These activities will be addressed by the strategies, or equivalent documents, as envisaged by paragraph 11 of the MoU.

5.2. **Priorities** The activities in Table 2 are accorded the following orders of priority:

First: an activity needed to prevent global extinction of a species.

<u>Second</u>: an activity needed to prevent or reverse population declines in any globally threatened or Near Threatened species, or the majority of other species with an Unfavourable Conservation Status.

<u>Third</u>: an activity needed to restore populations of a globally threatened or Near Threatened species, or to prevent population declines in any species with an Unfavourable Conservation Status.

<u>Fourth</u>: an activity needed to restore populations in any species with an Unfavourable Conservation Status, or to prevent population declines in any species with a Favourable Conservation Status.

These priorities ought to be taken into account in the preparation of strategies, or equivalent documents, for birds of prey as envisaged under paragraph 11 of the MoU.

5.3. **Time schedule** The activities in Table 2 are accorded the following time schedules:

<u>Immediate</u>: an activity expected to be completed within two years from the date that the MoU has become effective for that Signatory;

<u>Short term</u>: an activity expected to be completed within three years from the date that the MoU has become effective for that Signatory;

<u>Medium</u>: an activity expected to be completed within five years from the date that the MoU has become effective for that Signatory;

<u>Long term</u>: an activity expected to be completed within seven years from the date that the MoU has become effective for that Signatory; and

Ongoing: an activity expected to be undertaken throughout the period that the MoU is effective for that Signatory.

- 5.4. **Responsibilities** The organisations expected to lead on the various activities are indicated in Table 2. Signatories are urged to encourage the full range of necessary organisations to participate in the implementation of this Action Plan whether or not they are currently Signatories to the MoU.
- 5.5. **Targets** The coordinating unit will monitor the progress and efficacy of this Action Plan according to the performance targets for certain activities given in Table 2.

### 6. Synergy with MEAs

Insofar as a Range State or a Regional Economic Integration Organisation (REIO) Signatory which is represented as a Signatory to this Memorandum of Understanding is also Contracting Party to one or more Multilateral Environmental Agreements (MEAs) that has or have provisions that achieve or otherwise assist the aims, objectives and activities of this Action Plan, such MEAs will be applied as appropriate and to their full extent in the first instance.

### 7. Progress Reports

Signatories and the Secretariat will report on progress with implementing the Action Plan in accordance with paragraphs 11 and 13 of the MoU.

### 8. Period of Effectiveness

This Action Plan comes into effect on the same date as the MoU for a period of seven years. At least two years before the expiry of this period, a full review of the Action Plan will be undertaken and a revised version prepared for the approval of the Signatories.

Table 1: Categorisation of African-Eurasian birds of prey covered by the Action Plan(1, 2)

### Category 1(3)

Falco naumanni	Lesser Kestrel	VU
Falco vespertinus	Red-footed Falcon	NT
Falco cherrug	Saker Falcon	EN
Milvus milvus	Red Kite	NT
Haliaeetus leucoryphus	Pallas's Fish-eagle	VU
Haliaeetus pelagicus	Steller's Sea-eagle	VU
Aegypius monachus	Cinereous Vulture	NT
Circus maurus	Black Harrier	VU
Circus macrourus	Pallid Harrier	NT
Aquila clanga	Greater Spotted Eagle	VU
Aquila adalberti	Spanish Imperial Eagle	VU
Aquila heliaca	Eastern Imperial Eagle	VU
Neophron percnopterus	Egyptian Vulture	EN

### Category 2(4)

Falco tinnunculus	Common Kestrel
Falco eleonorae	Eleonora's Falcon
Falco biarmicus	Lanner Falcon
Falco rusticolus	Gyrfalcon
Pandion haliaetus	Osprey
Pernis ptilorhyncus	Oriental Honey-buzzard
Chelictinia riocourii	African Swallow-tailed Kite
Milvus migrans	Black Kite
Milvus lineatus	Black-eared Kite
Haliaeetus albicilla	White-tailed Eagle
Circaetus gallicus	Short-toed Snake-eagle
Circus spilonotus	Eastern Marsh-harrier
Circus cyaneus	Northern Harrier
Accipiter brevipes	Levant Sparrowhawk
Butastur indicus	Grey-faced Buzzard
Buteo rufinus	Long-legged Buzzard
Buteo hemilasius	Upland Buzzard
Aquila pomarina	Lesser Spotted Eagle
Aquila rapax	Tawny Eagle
Aquila nipalensis	Steppe Eagle
Aquila chrysaetos	Golden Eagle
Hieraaetus pennatus	Booted Eagle
Otus brucei	Pallid Scops-owl
Otus scops	Common Scops-owl
Nyctea scandiaca	Snowy Owl
Asio flammeus	Short-eared Owl

### Category 3(5)

Falco alopex	Fox Kestrel
Falco amurensis	Amur Falcon
Falco concolor	Sooty Falcon
Falco columbarius	Merlin
Falco subbuteo	Eurasian Hobby
Falco severus	Oriental Hobby
Falco peregrinus	Peregrine Falcon
Falco pelegrinoides	Barbary Falcon
Aviceda cuculoides	African Baza
Aviceda jerdoni	Jerdon's Baza
Aviceda leuphotes	Black Baza
Pernis apivorus	European Honey-buzzard
Gyps fulvus	Griffon Vulture
Circus aeruginosus	Western Marsh-harrier
Circus melanoleucos	Pied Harrier
Circus pygargus	Montagu's Harrier
Accipiter badius	Shikra
Accipiter soloensis	Chinese Goshawk
Accipiter gularis	Japanese Sparrowhawk
Accipiter virgatus	Besra
Accipiter ovampensis	Ovampo Sparrowhawk
Accipiter nisus	Eurasian Sparrowhawk
Accipiter gentilis	Northern Goshawk
Butastur rufipennis	Grasshopper Buzzard
Buteo buteo	Common Buzzard
Buteo oreophilus	Mountain Buzzard
Buteo lagopus	Rough-legged Buzzard
Buteo auguralis	Red-necked Buzzard
Aquila wahlbergi	Wahlberg's Eagle
Spizaetus nipalensis	Mountain Hawk-eagle
Otus sunia	Oriental Scops-owl
Strix uralensis	Ural Owl
Strix nebulosa	Great Grey Owl
Surnia ulula	Northern Hawk Owl
Aegolius funereus	Boreal Owl
Ninox scutulata	Brown Hawk-owl
Asio otus	Long-eared Owl

### Notes

- 1: Listed in Annex 1 of this MoU
- 2: Some species have uncertain migratory status and are not currently included in Annex 1 of this MoU
- 3: Globally threatened and Near Threatened species as defined by IUCN and listed on BirdLife International's World Bird Database (EN = Endangered; VU = Vulnerable; NT = Near Threatened)
- 4: Species that are considered to have Unfavourable Conservation Status at a regional level within the area (defined in Annex 2) of the MoU
- 5: All other migratory species

Table 2: Activities to be done under paragraph 5 of the Action Plan

Activities	Species	Countries	Priority Level	Time-scale	Organisations	Target	
Activity 1: Improvement of legal protection							
1.1. Update CMS Appendix 1 to include all Category 1 species	Cat. 1	-	Second	Short	CMS Secretariat / CoP	CMS Appendix 1 amended	
1.2. Review relevant legislation and take steps where possible to make sure that it protects all birds of prey from all forms of a) deliberate killing, b) deliberate disturbance at nest sites and communal roost sites (particularly in wintering grounds) where this is considered detrimental to the conservation of the species; and c) egg-collection and taking from the wild. Unless this is authorised by the competent body and only where there is no other satisfactory course of action and the action is not detrimental to the conservation status of the species concerned	All	All	First	Immediate	Governments	All birds of prey given full protection in the relevant legislation of all Signatories and unsustainable taking of birds is prohibited	
1.3 Review relevant legislation and take steps where possible to ban the use of exposed poison baits for predator control and those chemicals where they have been shown to cause significant avian mortalities	All	All	First	Immediate	Governments	The relevant legislation of all Signatories bans use of exposed poison baits and those chemicals that have been shown to cause significant avian mortalities	
1.4 Review relevant legislation and take steps where possible to make sure that it requires all new power lines to be designed to avoid bird of prey electrocution-	All	All	Second	Medium	Governments	The relevant legislation of all Signatories requires power line design to avoid electrocution	
1.5 Strengthen the application of legal protection, and reporting of persecution, for birds of prey by ensuring appropriate penalties, training law enforcement authorities, and raising public awareness to boost surveillance and reporting of illegal activities	All	All	Second	Ongoing	Governments, law enforcement agencies and NGOs	Effective, proportionate and dissuasive penalties are implemented and a strategy to tackle illegal activities against birds of prey is introduced. Details are relayed to Secretariat and included in national reports	
1.6 Identify gaps in existing MEAs where bird of prey protection and conservation can be improved and draw these to the attention of the relevant Secretariat and other Parties	All	All	Third	Immediate	CMS Secretariat / Governments / NGOs	Provisions of existing MEAs strengthened with respect to bird of prey protection and conservation	
Activity 2: Protect and/or manage	e importa	nt sites and f	lyways				
2.1 Designate nationally and internationally important sites (including those listed in Table 3) as protected areas with management plans or as appropriately managed sites taking bird of prey conservation requirements into account	All	All countries listed in Table 3	Second	Medium	Governments, BirdLife International and site stakeholders	All important sites have conservation measures in place	

Activities	Species	Countries	Priority Level	Time-scale	Organisations	Target	
2.2 Undertake EIAs in accordance with the CBD guidelines (CBD Decision VI/7A and any subsequent amendments) and CMS Resolution 7.2 on Impact Assessment and Migratory Species for any projects potentially adversely impacting sites listed in Table 3 and any other sites holding significant populations of Category 1 and 2 species	Cat 1 and 2	All	Third	Medium	Governments, forestry, energy and infrastructure sectors	National EIA regulations require EIAs for projects impacting bird of prey sites; results of specialist studies relating to the impacts on birds of prey in EIAs relayed to the Secretariat and included in national reports	
2.3 Conduct risk analysis at important sites (including those listed in Table 3) to identify and address actual or potential causes of significant incidental mortality from human causes (including fire, laying poisons, pesticide use, power lines, wind turbines)	Cat. 1 and 2	All	Third	Ongoing	Governments and land managers	Incidental mortality of birds of prey reduced to insignificant levels	
2.4 Conduct Strategic Environmental Assessments of planned significant infrastructure developments within major flyways to identify key risk areas	All	All countries with bottleneck sites	Third	Medium	Governments	SEAs carried out and results relayed to the Secretariat and included in national reports	
Activity 3: Habitat conservation a	nd sustai	nable manag	gement				
3.1 Survey, maintain and restore natural vegetation cover in former habitats (especially grasslands) in the range of globally threatened species	Cat. 1	All range states of Cat. 1 species	Third	Long	Government, land managers	Inventories of grassland areas supporting Cat. 1 species prepared and at least 30% of former grassland habitats having natural vegetation cover and under sustainable management	
3.2 Where feasible, take necessary actions to ensure that existing power lines that pose the greatest risk to birds of prey are modified to avoid bird of prey electrocution	All species	All	Second	Medium	Governments, energy and infrastructure sectors	Highest risk power lines modified to avoid bird of prey electrocution	
3.3 Endeavour to facilitate feeding opportunities for necrophagous birds of prey as far as it is possible taking into account sanitary considerations	All relevant species	All relevant countries	Second	Short	Governments in collaboration with relevant NGOs	Feeding stations established as appropriate and feasible	
3.4 Taking into account the needs of bird of prey conservation in sectors and related policies such as agriculture, forestry, fisheries, industries, tourism, energy, chemicals and pesticides	All	All	Second	Ongoing	Governments and relevant sectors and organisations	Conservation of birds of prey is integrated in sectors and corresponding policies	
Activity 4: Raise awareness of problems faced by birds of prey and measures needed to conserve them							
4.1 Develop a programme of public awareness, using electronic and print media to publicise the migrations undertaken by birds of prey, their current status, the threats to them and actions, including review of superstitions about them, that can be taken to conserve them	All species	All countries	Second	Short	Governments in collaboration with NGOs	Programme implemented, and conservation needs of birds of prey widely understood amongst public	

Activities	Species	Countries	Priority Level	Time-scale	Organisations	Target
4.2 Develop an awareness programme within forestry, agriculture, fisheries, energy, industry and transport and other relevant sectors to inform decision makers of the current status of birds of prey, the threats to them and the sectoral actions that can be taken to conserve them	All species	All	Second	Medium	Governments in collaboration with NGOs	Programme implemented, and conservation needs of birds of prey widely understood amongst government departs
4.3 Develop a school educational programme and teaching resources to inform school children of the migrations undertaken by birds of prey, their current status, the threats to them and actions that can be taken to conserve them	All species	All countries	Third	Medium	Governments in collaboration with NGOs	Programme implemented, and conservation needs of birds of prey widely understood by teachers and taught in schools
4.4 Establish information notices and provide leaflets at bottleneck sites informing people of their importance for birds of prey and the measures that they can take to conserve them	All species	All countries with bottleneck sites	Second	Short	Governments and NGOs	Programme implemented, and conservation needs of birds of prey known within bottleneck sites
4.5 Organise sub-regional and national training workshops to improve skills in the monitoring of birds of prey	All species	All countries	Second	Medium	Governments and relevant NGOs	Training programmes established
4.6 Educate and raise awareness of local communities to the importance of birds of prey, and the need to monitor and protect them	All species	All countries	Second	Medium	Governments and relevant NGOs	Training programmes established
Activity 5: Monitor bird of prey p	opulation	ns, carry out	conservation	research and	d take appropri	iate remedial measures
5.1 Establish flyway-scale monitoring networks comprising a representative range of sites where systematic and coordinated monitoring of breeding populations, reproduction and migration numbers (spring and autumn) can be undertaken	All	To be defined	First	Immediate	Governments, Birdlife International, national ornithological and relevant research organisations	Monitoring network established and adopted by Signatories
5.2 Design and undertake a coordinated monitoring programme and develop monitoring protocols based on the monitoring network established under 5.1	All	To be defined	First	Ongoing	Governments, Birdlife International, national ornithological and relevant research organisations	Monitoring guidelines / manual prepared for national and transboundary data collection; data relayed to the Secretariat and included in national reports; breeding and migratory population trends reliably established
5.3 Assess and then address the impacts of habitat loss on breeding, passage and wintering populations of birds of prey, and identify required measures to maintain Favourable Conservation Status	Cat. 1 and 2 species	All countries	Second	Medium	Appropriate NGOs and research organisations	Habitat problems and required mitigation measures identified and addressed

Activities	Species	Countries	Priority Level	Time-scale	Organisations	Target
5.4 Assess and then address the impacts of the use of toxic chemicals, including heavy metals (for example lead in shot pellets), on breeding, passage and wintering populations of birds of prey, and their survival, identify and then implement appropriate measures to assist in achieving and maintaining Favourable Conservation Status	Cat. 1 and 2 species	All countries	First	Medium	Governments, appropriate NGOs and research organisations	Toxic chemical and heavy metal problems assessed and mitigation measures identified if required and addressed
5.5 Monitor power line and wind farm impacts on birds of prey, including through analysis of existing data such as ringing data	All species	All relevant countries	First	Ongoing	Governments, NGOs, relevant research organisations, and energy sectors	Programmes established to monitor the impacts of power lines and wind farms
5.6. Undertake research into the desirability of re-introducing birds of prey, and implement appropriate conservation programmes (including those involving captive breeding), where this is shown to improve their conservation status in the wild, and where these are in accord with IUCN guidelines	All relevant species	All countries	Second	Short	Governments, NGOs and relevant conservation organisations	Re-introduction projects investigated and implemented where found to bring conservation benefit
5.7. Seek to promote appropriate programmes of captive breeding so as to alleviate the pressure of wild harvests on populations of birds of prey	Cat. 1 and 2 species	All relevant countries	Second	Long	Governments, NGOs and relevant conservation organisations	Appropriate programmes established
5.8. Assess the scale of harvests so as to evaluate the implications for the populations concerned	All species	All countries	Second	Medium	Governments, NGOs and relevant conservation organisations	Systems of recording and reporting harvests established
5.9 Undertake relevant surveillance for diseases which may pose a threat to birds of prey populations, so as to inform conservation and management responses	All species	All countries	Second	Medium	Governments and relevant research organisations	Effective disease surveillance programmes in place
5.10 Initiate collaborative research into the effects of climate change on birds of prey and their habitats, and implement appropriate adaptation measures	All species	All countries	Second	Medium	Governments, NGOs and relevant research organisations	Climate change impacts assessed and measures implemented to facilitate adaptation
<b>Activity 6: Supporting measures</b>						
6.1 Prepare National, Regional or Sub-Regional strategies, or equivalent documents, for birds of prey (taking into account the need for collaborative trans-boundary measures with adjacent Signatory States)	Cat. 1 and 2 species	All	Second	Immediate	Governments, national ornithological organisations	National, Regional or sub-regional strategies, or equivalent documents, describing how this Action Plan will be implemented with particular regard for Cat. 1 and Cat. 2 species submitted to the Secretariat before the first meeting of Signatories

Activities	Species	Countries	Priority Level	Time-scale	Organisations	Target
6.2 Prepare single species action, or, if more appropriate, multispecies action plans for all globally threatened species, taking account of existing international plans and where necessary extending them to cover the entire African-Eurasian range of each species	Cat. 1 species	All range states of Cat. 1 species	First	Medium	Governments, Birdlife International, national ornithological & relevant research organisations	Conservation plans developed, approved and being implemented for all globally threatened species
6.3 Update Tables 1 and 3 according to new information emerging from the monitoring programme	All	All	Third	Ongoing	Secretariat	On the basis of information collected and collated from the Signatories, the Secretariat proposes amendments to Tables 1 and 3 of this Action Plan for approval by the Signatories
6.4 Encourage Signatories to improve international cooperation through organising conferences, seminars and workshops concerning monitoring, scientific research and conservation activities	All	All	Second	Ongoing	Secretariat	Effective programmes of international cooperation established

### Table 3: Important Bird Areas that are currently known to be important congregatory bird of prey sites in Africa and Eurasia

These include sites that qualify according to global and regional criteria for Globally Threatened species and congregations of migratory birds.

This indicative list should be treated as a minimum list of internationally important areas.

### Bulgaria

Atanasovo lake

Mandra-Poda complex

### China (mainland)

Beidaihe

Changdao Islands

Changtang plateau

Laotieshan Nature Reserve

### **Denmark**

Gilleleje area

Hellebæk

Korshage, Hundested and surrounding sea area

Marstal Bugt and the coast of south-west Langeland

Skagen

Stevns

### Djibouti

Kadda Guéïni - Doumêra

### Egypt

Ain Sukhna

El Qa plain

Gebel El Zeit

Ras Mohammed National Park

Suez

#### **Finland**

Merenkurkku archipelago

### France

Basses Corbières

Col de l'Escrinet

Col de Lizarrieta

Etangs de Leucate et Lapalme

Etangs Narbonnais

Gorges de la Dordogne

Haute chaîne du Jura: défilé de l'écluse, Etournel et

Mont Vuache

Haute Soule : Forêt d'Irraty, Organbidexka et Pic

des Escaliers

Hautes Corbières

Hautes garrigues du Montpellierais

Massif du Canigou-Carança

Montagne de la Clape

Montagne de la Serre

Monts et Plomb du Cantal

Pointe de Grave

Val d'Allier : Saint-Yorre-Joze

Val de Drôme: Les Ramières-printegarde Vallée de la Nive des Aldudes-Col de Lindux

### Georgia

Batumi

Meskheti

Khevi

### Gibraltar (to UK)

Rock of Gibraltar

### Greece

North, east and south Kithira island

### Iraq

Samara dam

Israel

Cliffs of Zin and the Negev highlands

Hula valley

Jezre'el, Harod and Bet She'an valleys

Judean desert

Judean foothills

Northern Arava valley

Northern lower Jordan valley

Southern Arava valley and Elat mountains

Western Negev

Italy

Aspromonte

Cape Otranto

Costa Viola

Maritime Alps

Mount Beigua

Mount Conero

Mount Grappa

Peloritani mountains

Piave river

Jordan

Aqaba mountains

Jordan valley

Petra area

Wadi Dana - Finan

Wadi Mujib

Kuwait

Al-Jahra Pool Nature Reserve

Latvia

Slitere Nature Reserve

Lebanon

Ammiq swamp

Lithuania

Kuronian spit

Malta

Buskett and Wied il-Luq

Morocco

Cap Spartel - Perdicaris

Jbel Moussa

### **Palestinian Authority Territories**

Jericho

Northern Lower Jordan Valley

Portugal

South-west coast of Portugal

Russia

Caucasus Biosphere Reserve

Chudsko-Pskovski Lake and adjacent areas

Delta of the River Don

Irendyk ridge

South Baikal migratory corridor

Teberdinski Nature Reserve

Saudi Arabia

Taif escarpment

Wadi Jawwah

Wadi Rabigh springs

Spain

Bujeo, Ojén, del Niño and Blanquilla mountain

ranges

Cabras, Aljibe and Montecoche mountain range

Cadí mountains

Ceuta

De la Plata mountain range

Guadalquivir marshes

La Janda

Roncesvalles-Irati-Abodi mountain range

Tarifa

Sweden

Bay of Skälderviken

Falsterbo-Bay of Foteviken

**Switzerland** Pre-alpine region of Gurnigel

Syria
Jabal Slenfeh

Tunisia

Djebel el Haouaria

**Turkey** Bosporus

North-east Turkey

Nur mountains

Yemen

Area of Al Kadan

Bab El Mendab – Dubab

Wadi Mawzii

Mafraq Al Makha Wadi Rajaf Wadi Toaz – Wadi Rasiane

Jabal Iref wa Kharaz