

CMS



## CONVENTION ON MIGRATORY SPECIES

Distr: General

UNEP/CMS/Inf.9.12.22 7 June 2008

Original: English

NINTH MEETING OF THE CONFERENCE OF THE PARTIES Rome, 1-5 December 2008 Agenda Item 10(a)

#### **REVIEW OF IMPLEMENTATION OF THE CONVENTION**

National Reports Submitted by Contracting Parties

Report of: Pakistan (received: 7.06.2008)

The Secretariat is making available, for the information of participants in the Ninth Meeting of the Conference of the Parties to the Convention on Migratory Species, the national reports provided by Contracting Parties. For the most part, the national reports have been reproduced in the form in which they were received, apart from minor formatting.

#### **REVUE DE L'APPLICATION DE LA CONVENTION**

Rapports nationaux soumis aux parties contractantes

Rapport de: Pakistan (reçu: 7.06.2008)

Pour l'information des participants à la Neuvième Réunion de la Conférence des Parties à la Convention sur les Espèces migratrices, le Secrétariat met à leur disposition des rapports nationaux fournis par les parties contractantes. Dans la plupart des cas, les rapports nationaux ont été reproduits dans la forme même sous laquelle nous les avons reçus, abstraction faite de formatages miners.

#### **REVISION DE LA APLICACION DE LA CONVENCION**

Reportes Nacionales Enviados por los Miembros del Acuerdo

Reporte de: Pakistán (recibido: 7.06.2008)

Los reportes nacionales enviados por los Miembros del Acuerdo están a disposición de los participantes del Novena Reunión de la Conferencia de los Miembros de la Convención sobre Especies Migratorias en la Secretaría. La mayoría de ellos se encuentran en la versión original en la que se enviaron, con excepción de pequeños ajustes de formato.

For reasons of economy, documents are printed in a limited number, and will not be distributed at the meeting. Delegates are kindly requested to bring their copy to the meeting and not to request additional copies.



# Convention on the Conservation of Migratory Species of Wild Animals



#### FORMAT FOR NATIONAL REPORT OF PARTIES ON THE IMPLEMENTATION OF THE CONVENTION ON THE CONSERVATION OF MIGRATORY SPECIES OF WILD ANIMALS

# Reporting format agreed by the Standing Committee at its 32nd Meeting (Bonn, November 2007) for mandatory use by Parties, for reports submitted to the Ninth Meeting of the Conference of the Parties (COP9) (Rome, 2008).

The questions below combine elements of Resolution 4.1 (Party Reports) adopted by the Fourth Meeting of the Conference of the Parties (Nairobi, June 1994) and Resolution 6.4 (Strategic Plan for the Convention on Migratory Species 2000-2005), adopted by the Sixth Meeting of the Conference of the Parties (Cape Town, November 1999), the COP8 Strategic Plan 2006-2011 and Resolution 8.24 adopted by the Conference of the Parties (Nairobi 2005), as well as commitments arising from other operational Resolutions and Recommendations of the Conference of the Parties.

Parties are encouraged to respond to all questions. Parties are also requested to provide comprehensive answers, including, where appropriate, a summary of activities, information on factors limiting action and details of any assistance required.

This document has been designed with semi-automated text-form fields. Please double click on the grey boxes to enter the field. You can then enter the required information. Continue to do so with each text-field or jump to the next field directly by using the tab key. Where checkboxes are available you might check these with a single click.

Please enter here the name of your country: PAKISTAN

Which agency has been primarily responsible for the preparation of this report?
National Council for Conservation of Wildlife (NCCW), Ministry of Environment, Government of Pakistan.
Please list any other agencies that have provided input:
Ministry of Environment's Pakistan Wetlands Programme

## I(a). General Information

#### Please enter the required information in the table below:

| Party  |   |  |
|--|---|--|
| Date of entry into force of the Convention in [country name]                                     | 01-12-1987  |  |
| Period covered   | 21 years  |  |
| Territories to which the Convention applies  | Entire country  |  |
| DESIG  | NATED NATIONAL FOCAL POINT  |  |
| Full name of the institution   | National Council for Conservation of Wildlife (NCCW)  |  |
| Name and title of designated Focal Point   | Mr. Umeed Khalid, Conservator Wildlife  |  |
| Mailing address  | NCCW, Ministry of Environment, Building No. 14-D, 2 <sup>nd</sup> Floor, F-8 Markaz, Islamabad, Pakistan.   |  |
| Telephone  | 0092-51-9262270   |  |
| Fax  | 0092-51-9262270   |  |
| E-mail   | umeed_khalid@yahoo.com  |  |
| APPOINTN   | AENT TO THE SCIENTIFIC COUNCIL  |  |
| Full name of the institution   | National Council for Conservation of Wildlife (NCCW)  |  |
| Name and title of contact officer  | Mr. Umeed Khalid, Conservator Wildlife  |  |
| Mailing address  | NCCW, Ministry of Environment, Building No. 14-D, 2 <sup>nd</sup> Floor, F-8 Markaz, Islamabad, Pakistan  |  |
| Telephone  | 0092-51-9262270   |  |
| Fax  | 0092-51-9262270   |  |
| E-mail   | umeed_khalid@yahoo.com  |  |
|  | SUBMISSION  |  |
| Name and Signature of officer responsible for submitting national report                         | Name:Mr. Umeed Khalid, Conservator WildlifeAddress:NCCW, Ministry of Environment, Building No. 14-D, 2 <sup>nd</sup> Floor, F-8 Markaz, Islamabad, PakistanTel.:0092-51-9262270Fax:0092-51-9262270E-mail:umeed_khalid@yahoo.com |  |
| Date of submission   |   |  |
| Membership of the Standing Committee (if applicable):  | Name:<br>Address:<br>Tel.:<br>Fax:<br>E-mail:   |  |
| Competent Authority:   | Inspector General Forests, Ministry of Environment  |  |
| Relevant implemented legislation:  | Provincial/Territorial Wildlife Laws  |  |
| Other relevant Conventions/ Agreements (apart from CMS) to which <i>country name</i> is a Party: | Ramsar, CITES, CBD  |  |
| National policy instruments (e.g. national biodiversity conservation strategy, etc.):            | National Conservation Strategy, Biodiversity Action Plan  |  |

## Please indicate whether your country is part of the following Agreements/MoU. If so, please indicate the competent national institution

| Wadden Sea Seals:   | Party             | 1   |      | Non-party Range State                    |
|---|-------------------|---|------|--|
|   | 🗌 Sign            | ed but not yet entered force                                      |      | Non Range State                          |
| National Focal Point/Competent authority<br>Name:<br>Address:   |                   | Membership of the Trilateral<br>Name:<br>Address:                 | Seal | l Expert Group                           |
| Tel:<br>Fax:<br>E-mail:   |                   | Tel.:<br>Fax:<br>E-mail:  |      |  |
| Eurobats  | □ Party<br>□ Sign | ed but not yet entered force                                      |      | Non-party Range State<br>Non Range State |
| Competent authority<br>Name:<br>Address:<br>Tel.:<br>Fax:       |                   | Appointed member of the Ad<br>Name:<br>Address:<br>Tel.:<br>Fax:  | viso |  |
| E-mail:<br>ASCOBANS   | Party             | E-mail:   |      | Non-party Range State                    |
|   | 🗌 Sign            | ed but not yet entered force                                      |      | Non Range State                          |
| Co-ordinating authority<br>Name:<br>Address:                    |                   | Appointed member of the Advisory Committee<br>Name:<br>Address:   |      |  |
| Tel.:<br>Fax:<br>E-mail:  |                   | Tel.:<br>Fax:<br>E-mail:  |      |  |
| Membership of other committees or wor<br>groups:                | rking             |   |      |  |
| AEWA:   | □ Party<br>□ Sign | ed but not yet entered force                                      |      | Non-party Range State<br>Non Range State |
| Administrative Authority<br>Name:<br>Address:<br>Tel.:<br>Fax:  |                   | Appointed member of the Tec<br>Name:<br>Address:<br>Tel.:<br>Fax: | chni |  |
| E-mail:<br>ACCOBAMS   | Party             | E-mail:   |      | Non-party Range State                    |
|   |                   | ed but not yet entered force                                      |      | Non Range State                          |
| National Focal Point<br>Name:<br>Address:                       |                   | Appointed member of the Sci<br>Name:<br>Address:                  | enti | fic Committee                            |
| Tel.:<br>Fax:<br>E-mail:<br>Membership of committees or working | orouns.           | Tel.:<br>Fax:<br>E-mail:  |      |  |

| ACAP                                      | Party       | 7   | □ Non-party Range State   |  |
|---|-------------|---|---|--|
|   | 🗆 Sign      | ed but not yet entered force                                  | □ Non Range State   |  |
| Designated Authority<br>Name:<br>Address: |             | National Contact Point<br>Name:<br>Address:                   |   |  |
| Tel.:<br>Fax:<br>E-mail:                  |             | Tel.:<br>Fax:<br>E-mail:                                      |   |  |
| Membership of Advisory Committee          |             | Name:<br>Address:   |   |  |
|   |             | Tel.:<br>Fax:<br>E-mail:                                      |   |  |
| Siberian Crane MoU: X S                   | Signatory [ | ☐ Non-signatory Range State                                   | □ Non Range State   |  |
| Competent authority                       |             |   | Forests, Ministry of Environment<br><sup>d</sup> Floor, China Chowk, Blue Area, |  |
|   |             | Tel.:0092-51-9203726Fax:0092-51-9202142E-mail:wani48@hotmail. |   |  |
| Slender-billed Curlew MoU:                | Signatory   | □ Non-signatory Range S                                       | State 🔲 Non Range State   |  |
| Competent Authority                       |             | Name:<br>Address:   |   |  |
|   |             | Tel.:<br>Fax:<br>E-mail:                                      |   |  |
| Marine Turtle – Africa MoU:               | Signatory   | □ Non-signatory Range S                                       | State 🗌 Non Range State   |  |
| National Contact Point                    |             | Name:<br>Address:<br>Tel.:                                    |   |  |
|   |             | Fax:<br>E-mail:   |   |  |
| Great Bustard MoU:                        | Signatory   | □ Non-signatory Range S                                       | State 🗌 Non Range State   |  |
| Competent Authority<br>Name:<br>Address:  |             | National Contact Point<br>Name:<br>Address:                   |   |  |
| Tel.:<br>Fax:<br>E-mail:                  |             | Tel.:<br>Fax:<br>E-mail:                                      |   |  |
| Marine Turtle MoU - IOSEA: X S            | Signatory   | Non-signatory Range S   | State 🗌 Non Range State   |  |
| Competent national authority              |             |   | Forests, Ministry of Environment<br><sup>d</sup> Floor, China Chowk, Blue Area, |  |
|   |             | Tel.:0092-51-9203726Fax:0092-51-9202142E-mail:wani48@hotmail. |   |  |

| Bukhara Deer MoU:                                 | □ Signatory   |   | Ion-signatory Range State                   | Non Range State   |
|---|---------------|---|---|-------------------|
| Competent national authority                      |               | Name:<br>Addres<br>Tel.:<br>Fax:<br>E-mail: |   |                   |
| Aquatic Warbler MoU:                              | □ Signatory   | □ N   | on-signatory Range State                    | Non Range State   |
| Competent national authority<br>Name:<br>Address: |               |   | National Contact Point<br>Name:<br>Address: |                   |
| Tel.:<br>Fax:<br>E-mail:                          |               |   | Tel.:<br>Fax:<br>E-mail:                    |                   |
| African Elephant MoU:                             | □ Signatory   | □ N   | on-signatory Range State                    | Non Range State   |
| Competent national authority<br>Name:<br>Address: |               |   | National Contact Point<br>Name:<br>Address: |                   |
| Tel.:<br>Fax:<br>E-mail:                          |               |   | Tel.:<br>Fax:<br>E-mail:                    |                   |
| Pacific Islands Cetaceans MoU:                    | □ Signatory   | □ N   | on-signatory Range State                    | □ Non Range State |
| Competent national authority<br>Name:<br>Address: |               |   | National Contact Point<br>Name:<br>Address: |                   |
| Tel.:<br>Fax:<br>E-mail:                          |               |   | Tel.:<br>Fax:<br>E-mail:                    |                   |
| Mediterranean Monk Seal MoU                       | : 🗌 Signatory | □ N   | on-signatory Range State                    | □ Non Range State |
| Competent national authority<br>Name:<br>Address: |               |   | National Contact Point<br>Name:<br>Address: |                   |
| Tel.:<br>Fax:<br>E-mail:                          |               |   | Tel.:<br>Fax:<br>E-mail:                    |                   |

| 1  | Which other government departments are involved in activities/initiatives for the conservation of migratory species in your country? (Please list.)                                 |  |  |  |
|----|---|--|--|--|
|    | Zoological Survey Department, Provincial/Territorial Wildlife Departments of four provinces, Northern Areas, Azad Jammu and Kashmir and Capital Development Authority.              |  |  |  |
| 2  | If more than one government department is involved, describe the interaction/relationship between these government departments:   |  |  |  |
|    | National Council for Conservation of Wildlife (NCCW)  |  |  |  |
| 3  | Has a national liaison system or committee been established in your country? Please provide contact information   |  |  |  |
|    | X Yes 🗌 No  |  |  |  |
|    | National Council for Conservation of Wildlife (NCCW), Ministry of Environment   |  |  |  |
| 4  | List the main non-governmental organizations actively involved in activities/initiatives for the conservation of migratory species in your country, and describe their involvement: |  |  |  |
|    | WWF Pakistan, IUCN Pakistan, Houbara Foundation International Pakistan, Falcon Foundation International Pakistan  |  |  |  |
| 4a | Please provide detail on any devolved government/overseas territory authorities involved.   |  |  |  |
|    | NIL   |  |  |  |
| 5  | Describe any involvement of the private sector in the conservation of migratory species in your country:  |  |  |  |
|    | Pakistan State Oil (PSO);   |  |  |  |
| 6  | Note any interactions between these sectors in the conservation of migratory species in your country:   |  |  |  |
|    | Financial support for satellite tracking of marine turtles on coast of Balochistan  |  |  |  |

## I(b). Information about involved Authorities

Identify the ministry, agency/department or organization that is responsible for leading actions relating to Appendix I species

| 1 | Birds               | National Council for Conservation of<br>Wildlife (NCCW), Ministry of Environment                                 |
|---|---------------------|--|
| 2 | Marine Mammals      | National Institute of Oceanography (NIO), Ministry<br>of Science and Technology; Zoological Survey<br>Department |
| 3 | Marine Turtles      | Sindh Wildlife Department and Balochistan Forest<br>and Wildlife Department                                      |
| 4 | Terrestrial Mammals | National Council for Conservation of<br>Wildlife (NCCW), Ministry of Environment                                 |
| 5 | Bats                | Pakistan Museum of Natural History   |
| 6 | Other Taxa          | Pakistan Museum of Natural History; Zoological<br>Survey Department  |

## II. Appendix I species

## 1. BIRDS

## 1.1 General questions on Appendix I bird species

| 1  | Is the taking of all Appendix I bird species prohibited by the national implementing X Yes No legislation cited in Table I(a) (General Information)?  |  |  |  |  |
|----|---|--|--|--|--|
|    | If other legislation is relevant, please provide details:   |  |  |  |  |
| 1a | If the taking of Appendix I bird species is prohibited by law, have any exceptions<br>been granted to the prohibition?  |  |  |  |  |
|    | If Yes, please provide details (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7):   |  |  |  |  |
| 2  | Identify any obstacles to migration that exist in relation to Appendix I bird species:  |  |  |  |  |
|    | By-catch 🗌 Electrocution X  |  |  |  |  |
|    | Habitat destruction X Wind turbines   |  |  |  |  |
|    | Pollution X   |  |  |  |  |
|    | Other (please provide details)  |  |  |  |  |
| 2a | What actions are being undertaken to overcome these obstacles?  |  |  |  |  |
|    | For all mega developmental projects, Environmental Impact Assessment has been made obligatory   |  |  |  |  |
| 2b | Please report on the progress / success of the actions taken.   |  |  |  |  |
|    | A positive change is expected in future   |  |  |  |  |
| 2c | What assistance, if any, does your country require in order to overcome these obstacles?  |  |  |  |  |
|    | Financial and technical support from donors   |  |  |  |  |
|    | Improved coordination amongst range states  |  |  |  |  |
|    | Training in recent advancement in technology e.g. radio-tracking  |  |  |  |  |
| 3  | What are the major threats to Appendix I bird species (transcending mere obstacles to migration)?   |  |  |  |  |
|    | Illegal trade Deaching X  |  |  |  |  |
|    | Other (please specify)  |  |  |  |  |
| 3a | What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger bird species beyond actions to prevent disruption to migrating behaviour? |  |  |  |  |
|    | Strict enforcement of Provincial/Territorial Laws   |  |  |  |  |
|    | Involvement of local stakeholders e.g. communities  |  |  |  |  |
| 3b | Please report on the progress / success of the actions taken.   |  |  |  |  |
|    | A number of community based organisations have been mobilised and registered for nature conservation and to protect resident and migratory species  |  |  |  |  |
| 3c | Describe any factors that may limit action being taken in this regard:  |  |  |  |  |
|    | Financial and capacity constraints and remoteness of the habitats   |  |  |  |  |
| 3d | What assistance, if any, does your country require to overcome these factors?   |  |  |  |  |
|    | Financial and technical support from donors   |  |  |  |  |
|    | Improved coordination amongst range states  |  |  |  |  |

#### 1.2 Questions on specific Appendix I bird species

In the following section, using the table format below, please fill in each Appendix I bird species for which your country is considered to be a Range State. Please complete each table as appropriate, providing information in summary form. Where appropriate, please cross-reference to information already provided in national reports that have been submitted under other conventions (e.g. Convention on Biological Diversity, Ramsar Convention, CITES). (Attach annexes as necessary.)

| -  | Species name – Common Name(s) White-headed Duck, Siberian Crane, Sociable Lapwing, Dalmatian Pelican, Greater Spotted Eagle, Lesser Kestrel  |  |  |  |  |  |
|----|--|--|--|--|--|--|
| 1  | 1 Please provide published distribution reference: Birds of Pakistan, by T. J. Roberts   | Please provide published distribution reference: Birds of Pakistan, by T. J. Roberts |  |  |  |  |
| 2a | 2a Summarise information on population size (if known):  | Summarise information on population size (if known):                                 |  |  |  |  |
|    | increasing $\Box$ decreasing $\boxtimes$ stable $\Box$ not known $\Box$ unclear $\Box$   |  |  |  |  |  |
| 2b | 2b Summarise information on distribution (if known):   |  |  |  |  |  |
|    | increasing $\Box$ decreasing $\boxtimes$ stable $\Box$ not known $\Box$ unclear $\Box$   |  |  |  |  |  |
| 3  | 3 Indicate (with an 'X') and briefly describe any activities that have been carried out in favor reporting period. (Please provide the title of the project and contact details, where available |  |  |  |  |  |
|    | Research 🛛   |  |  |  |  |  |
|    | Identification and establishment of protected areas $\square$  |  |  |  |  |  |
|    | Monitoring 🛛   |  |  |  |  |  |
|    | Education/awareness rising   |  |  |  |  |  |
|    | Species protection   |  |  |  |  |  |
|    | Control hunting / poaching   |  |  |  |  |  |
|    | Species restoration  |  |  |  |  |  |
|    | Habitat protection   |  |  |  |  |  |
|    | Habitat restoration  |  |  |  |  |  |
|    | Other 🗆  |  |  |  |  |  |
| 4  | 4 If no activities have been carried out for this species in the reporting period, what has previate no taken?   | vented such action being   |  |  |  |  |
|    | NA   |  |  |  |  |  |
| 5  | 5 Describe any future activities that are planned for this species:  |  |  |  |  |  |
|    | Species specific conservation action plans are being drafted under the Ministry of Environm Wetlands Programme.  | nent's Pakistan  |  |  |  |  |

Miscellaneous information or comments on Appendix I birds in general:

Pakistan is part of the regional conservation action plan for the Siberian Crane

## 2. MARINE MAMMALS

## 2.1 General questions on Appendix I marine mammals

| 1  | Is the taking of all Appendix I marine mammals prohibited by the national X Yes No implementing legislation cited in Table I(a) (General Information)?  |  |  |  |  |
|----|---|--|--|--|--|
|    | If other legislation is relevant, please provide details: Marine Fisheries law  |  |  |  |  |
| 1a | If the taking of Appendix I marine mammals is prohibited by law, have any exceptions Yes No been granted to the prohibition?  |  |  |  |  |
|    | If Yes, please provide details (Include the date on which the exception was notified  |  |  |  |  |
|    | to the CMS Secretariat pursuant to CMS Article III(7)):   |  |  |  |  |
| 2  | Identify any obstacles to migration that exist in relation to Appendix I marine mammals:  |  |  |  |  |
|    | By-catch X Collision with fishing traffic 🛛   |  |  |  |  |
|    | Pollution X Illegal hunting   |  |  |  |  |
|    | Other threats to migration (please provide details)   |  |  |  |  |
| 2a | What actions are being undertaken to overcome these obstacles?  |  |  |  |  |
|    | Awareness campaign for fishermen community  |  |  |  |  |
|    | Disaster mitigation / management plan in case of major oil spills   |  |  |  |  |
| 2b | Please report on the progress / success of the actions taken.   |  |  |  |  |
|    | Ministry of Environment's Pakistan Wetlands Programme is involved in raising awareness amongst the stakeholders including fishermen communities   |  |  |  |  |
| 2c | What assistance, if any, does your country require in order to overcome these obstacles?  |  |  |  |  |
|    | Financial and technical support from donors   |  |  |  |  |
|    | Improved coordination amongst range states  |  |  |  |  |
|    | Training in recent advancement in technology e.g. radio-tracking  |  |  |  |  |
| 3  | What are the major pressures on Appendix I marine mammal species (transcending mere obstacles to migration)?  |  |  |  |  |
|    | Pollution D By-catch X  |  |  |  |  |
|    | Other (please specify)  |  |  |  |  |
| 3a | What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine mammal beyond actions to prevent disruption to migrating behaviour? |  |  |  |  |
|    | Awareness of the fishermen communities  |  |  |  |  |
| 3b | Please report on the progress / success of the actions taken.   |  |  |  |  |
|    | A positive change is expected in future   |  |  |  |  |
| 3c | Describe any factors that may limit action being taken in this regard:  |  |  |  |  |
|    | Limited financial and technical capacity  |  |  |  |  |
| 3d | What assistance, if any, does your country require to overcome these factors?   |  |  |  |  |
|    | Financial and technical support from donors   |  |  |  |  |
|    | Improved coordination amongst range states  |  |  |  |  |

#### 2.2 Questions on specific Appendix I marine mammals

In the following section, using the table format below, please fill in each Appendix I marine mammal species for which your country is considered to be a Range State. Please complete each table as appropriate, providing information in summary form. Where appropriate, please cross-reference to information already provided in national reports that have been submitted under other conventions (e.g. Convention on Biological Diversity, Ramsar Convention, CITES). (Attach annexes as necessary.)

| Spe | Species name – Common Name(s)  |                     |  |  |  |
|-----|--|---------------------|--|--|--|
| 1   | Please provide published distribution reference:   |                     |  |  |  |
| 2a  | Summarise information on population size (if known):   |                     |  |  |  |
|     | increasing $\Box$ decreasing $\Box$ stable $\Box$  | not known           | unclear 🗖                                    |  |  |
|     |  |                     |  |  |  |
| 2b  | Summarise information on distribution (if known):  |                     |  |  |  |
|     | increasing $\Box$ decreasing $\Box$ stable $\Box$  | not known 🗌         | unclear                                      |  |  |
|     |  |                     |  |  |  |
| 3   | Indicate (with an 'X') and briefly describe any active reporting period. (Please provide the title of the provide the tit |                     |  |  |  |
|     | Research   |                     |  |  |  |
|     | Identification and establishment of protected areas  |                     |  |  |  |
|     | Monitoring   |                     |  |  |  |
|     | Education / awareness rising   |                     |  |  |  |
|     | Species protection   |                     |  |  |  |
|     | Control hunting / poaching   |                     |  |  |  |
|     | Species restoration  |                     |  |  |  |
|     | Habitat protection   |                     |  |  |  |
|     | Habitat restoration  |                     |  |  |  |
|     | Other  |                     |  |  |  |
| 4   | If no activities have been carried out for this species taken?   | es in the reporting | period, what has prevented such action being |  |  |
| 5   | Describe any future activities that are planned for the  | nis species:        |  |  |  |

Miscellaneous information or comments on Appendix I marine mammals in general:

## **3** MARINE TURTLES

## **3.1** General questions on Appendix I marine turtles

| 1              | Is the taking of all Appendix I marine turtles prohibited by the national implementing X Yes No legislation cited in Table I(a) (General Information)?  |  |  |  |  |
|----------------|---|--|--|--|--|
|                | If other legislation is relevant, please provide details:   |  |  |  |  |
| 1a             | If the taking of Appendix I marine turtles is prohibited by law, have any exceptions<br>been granted to the prohibition?  |  |  |  |  |
|                | If Yes, please provide details (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)):  |  |  |  |  |
| 2              | Identify any obstacles to migration that exist in relation to Appendix I marine turtles:  |  |  |  |  |
|                | By-catch X Pollution  |  |  |  |  |
|                | Other threats to migration (please provide details)   |  |  |  |  |
| 2a             | What actions are being undertaken to overcome these obstacles?  |  |  |  |  |
|                | Use of TED, awareness campaign for fishermen community  |  |  |  |  |
| 2b             | Please report on the progress / success of the actions taken.   |  |  |  |  |
|                | The Ministry of Environment's Pakistan Wetlands Programme has initiated an awareness campaign for communities and other stakeholders living along the coastline for marine turtle protection  |  |  |  |  |
| 2c             | What assistance, if any, does your country require in order to overcome these obstacles?  |  |  |  |  |
|                | Financial and technical support from donors   |  |  |  |  |
|                | Improved coordination amongst range states  |  |  |  |  |
|                |   |  |  |  |  |
| 3              | What are the major pressures on Appendix I marine turtles (transcending mere obstacles to migration)?   |  |  |  |  |
| 3              | What are the major pressures on Appendix I marine turtles (transcending mere obstacles to migration)?      Collection of eggs      Predation of eggs X  |  |  |  |  |
| 3              |   |  |  |  |  |
| 3              | Collection of eggs  Predation of eggs X   |  |  |  |  |
| 3<br>3a        | Collection of eggs  Predation of eggs X Destruction of nesting beaches  |  |  |  |  |
|                | Collection of eggs  Predation of eggs X Destruction of nesting beaches  Other (please specify) What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further   |  |  |  |  |
|                | Collection of eggs □       Predation of eggs X         Destruction of nesting beaches ⊠       Other (please specify)         What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine turtles beyond actions to prevent disruption to migrating behaviour?         Predation of eggs usually by the stray dogs and other species is being controlled. Specific EIAs have been made   |  |  |  |  |
| 3a             | Collection of eggs □       Predation of eggs X         Destruction of nesting beaches ⊠       Other (please specify)         What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine turtles beyond actions to prevent disruption to migrating behaviour?         Predation of eggs usually by the stray dogs and other species is being controlled. Specific EIAs have been made mandatory for any mega developmental projects along the coastline in critical habitats  |  |  |  |  |
| 3a             | Collection of eggs □       Predation of eggs X         Destruction of nesting beaches ⊠       Other (please specify)         What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine turtles beyond actions to prevent disruption to migrating behaviour?         Predation of eggs usually by the stray dogs and other species is being controlled. Specific EIAs have been made mandatory for any mega developmental projects along the coastline in critical habitats         Please report on the progress / success of the actions taken.  |  |  |  |  |
| 3a<br>3b       | Collection of eggs □       Predation of eggs X         Destruction of nesting beaches ⊠       Other (please specify)         What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine turtles beyond actions to prevent disruption to migrating behaviour?         Predation of eggs usually by the stray dogs and other species is being controlled. Specific EIAs have been made mandatory for any mega developmental projects along the coastline in critical habitats         Please report on the progress / success of the actions taken.         A positive change is expected in future  |  |  |  |  |
| 3a<br>3b       | Collection of eggs □       Predation of eggs X         Destruction of nesting beaches ⊠       Other (please specify)         What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine turtles beyond actions to prevent disruption to migrating behaviour?         Predation of eggs usually by the stray dogs and other species is being controlled. Specific EIAs have been made mandatory for any mega developmental projects along the coastline in critical habitats         Please report on the progress / success of the actions taken.         A positive change is expected in future         Describe any factors that may limit action being taken in this regard:   |  |  |  |  |
| 3a<br>3b<br>3c | Collection of eggs □       Predation of eggs X         Destruction of nesting beaches ⊠       Other (please specify)         What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine turtles beyond actions to prevent disruption to migrating behaviour?         Predation of eggs usually by the stray dogs and other species is being controlled. Specific EIAs have been made mandatory for any mega developmental projects along the coastline in critical habitats         Please report on the progress / success of the actions taken.         A positive change is expected in future         Describe any factors that may limit action being taken in this regard:         Limited technical and financial capacity, remoteness of the areas |  |  |  |  |

#### **3.2** Questions on specific Appendix I marine turtles

In the following section, using the table format below, please fill in each Appendix I marine turtle species for which your country is considered to be a Range State. Please complete each table as appropriate, providing information in summary form. Where appropriate, please cross-reference to information already provided in national reports that have been submitted under other conventions (e.g. Convention on Biological Diversity, Ramsar Convention, CITES). (Attach annexes as necessary.)

| Specie | pecies name – Common Name(s) Green Turtle   |                  |  |  |  |
|--------|---|------------------|--|--|--|
| 1      | Please provide published distribution reference:  |                  |  |  |  |
| 2a     | Summarise information on population size (if known):  |                  |  |  |  |
|        | increasing $\Box$ decreasing $\Box$ stable $\Box$   | not known 🛛      | unclear                                      |  |  |
|        |   |                  |  |  |  |
| 2b     | Summarise information on distribution (if known):   | _                |  |  |  |
|        | increasing decreasing stable  | not known 🗌      | unclear 🛛                                    |  |  |
|        |   |                  |  |  |  |
| 3      | Indicate (with an 'X') and briefly describe any active<br>reporting period. (Please provide the title of the pro- |                  |  |  |  |
|        | Research  | $\boxtimes$      |  |  |  |
|        | Identification and establishment of protected areas   | $\boxtimes$      |  |  |  |
|        | Monitoring  | $\boxtimes$      |  |  |  |
|        | Education / awareness rising  | $\boxtimes$      |  |  |  |
|        | Species protection  | $\boxtimes$      |  |  |  |
|        | Control hunting / poaching  | $\boxtimes$      |  |  |  |
|        | Species restoration   | $\boxtimes$      |  |  |  |
|        | Habitat protection  | $\boxtimes$      |  |  |  |
|        | Habitat restoration   |                  |  |  |  |
|        | Other   |                  |  |  |  |
| 4      | If no activities have been carried out for this species taken?  | in the reporting | period, what has prevented such action being |  |  |
|        | NA  |                  |  |  |  |
| 5      | Describe any future activities that are planned for th  | is species:      |  |  |  |
|        | The Ministry of Environment's Pakistan Wetlands P conservation  | rogramme has sp  | ecific programme for the marine turtle       |  |  |

Miscellaneous information or comments on Appendix I marine turtles in general:

Satellite tracking in collaboration with PSO (Pakistan State Oil) and EAAD (Environment Agency, Abu Dhabi, UAE)

## 4 TERRESTRIAL MAMMALS (OTHER THAN BATS)

## 4.1 General questions on Appendix I terrestrial mammals (other than bats)

| 1  | Is the taking of all Appendix I terrestrial man   | nmals (other t  | han bats) prohibited by     | X Yes         | 🗌 No         |
|----|---|-----------------|-----------------------------|---------------|--------------|
|    | the national implementing legislation cited in Table I(a) (General Information)?                        |                 |                             |               |              |
|    | If <i>other</i> legislation is relevant, please provide   |                 | 1 / \ 1 1 1 1 1             |               | X7 X1        |
| 1a | If the taking of Appendix I terrestrial mamma<br>law, have any exceptions been granted to the           |                 | bats) is prohibited by      | ☐ Yes         | X No         |
|    | If Yes, please provide details (Include the dat   |                 | e exception was notified    |               |              |
|    | to the CMS Secretariat pursuant to CMS Arti   |                 |                             |               |              |
| 2  | Identify any obstacles to migration that exist  | in relation to  |                             | imals (other  | than bats):  |
|    | Lack of information   |                 | By-catch                    |               |              |
|    | Habitat fragmentation   | X               | Electrocution               |               |              |
|    | Wind turbines   |                 | Poaching                    |               | Х            |
|    | Insufficient legislation  |                 | Lack of trans-boundary n    | nanagement    | Х            |
|    | Poor communication amongst Range States   | Х               | Man-made barriers           |               | Х            |
|    | Climate change and drought  |                 |                             |               |              |
|    | Other threats to migration (please provide det  | tails)          |                             |               |              |
| 2a | What actions are being undertaken to overco   | me these obst   | acles?                      |               |              |
|    | Pakistan is a conservation partner to Snow Le<br>also participated in Snow Leopard Range with           |                 | 23 ( )/                     | e, USA in 20  | 02. Pakistan |
|    | Pakistan has developed and approved Snow I  | Leopard Survi   | val Strategy (SLSS) in col  | laboration w  | ith WWF-Pak. |
| 2b | Please report on the progress / success of the  | actions taken   |                             |               |              |
|    | Snow Leopard tracking with satellite transmi monitoring in its natural habitat                          | tters for home  | e range assessment and can  | nera traps fo | r population |
|    | SLIM Surveys, Snow Leopard Enterprise De  | velopment and   | d Livestock Health Improv   | ement Prog    | ramme.       |
| 2c | What assistance, if any, does your country re-  | quire in order  | to overcome these obstacl   | les?          |              |
|    | Assistance to build the technical and financia  | l capacity      |                             |               |              |
| 3  | What are the major threats to Appendix I terr   | estrial mamm    | als (transcending mere obs  | tacles to mig | gration)?    |
|    | Lack of information X Habitat fr  | ragmentation    | Х                           |               |              |
|    | Poaching X Insufficie   | ent legislation |                             |               |              |
|    | Illegal trade X Other (pl   | ease specify)   |                             |               |              |
| 3a | What actions have been taken to prevent, re<br>endanger species of terrestrial mammal (ot<br>behaviour? |                 |                             |               |              |
|    | Creation of Protected Areas System and invo   | lvement of the  | e local communities / stake | eholder       |              |
| 3b | Please report on the progress / success of the  | actions taken   |                             |               |              |
|    | Increase in Snow Leopard population has been  | en observed     |                             |               |              |
| 3c | Describe any factors which limit action being   | g taken in this | regard:                     |               |              |
|    | Remoteness of the areas and limited resource  | s               |                             |               |              |
| 3d | What assistance/measures, if any, does your   | country requi   | re to overcome these factor | rs?           |              |
|    | Financial and technical support from donors   |                 |                             |               |              |
|    | Improved coordination amongst range states  |                 |                             |               |              |

#### 4.2 Questions on specific Appendix I terrestrial mammals (other than bats)

In the following section, using the table format below, please fill in each Appendix I terrestrial mammal species (other than bats) for which your country is considered to be a Range State. Please complete each table as appropriate, providing information in summary form. Where appropriate, please cross-reference to information already provided in national reports that have been submitted under other conventions (e.g. Convention on Biological Diversity, Ramsar Convention, CITES). (Attach annexes as necessary.)

| Spe | pecies name – Common Name(s) Snow Leopard   |                    |   |
|-----|---|--------------------|---|
| 1   | Please provide published distribution reference: M  | lammals of Pakista | an by T.J. Roberts                          |
| 2a  | Summarise information on population size (if known  | n):                |   |
|     | increasing $\square$ decreasing $\square$ stable $\square$  | not known          | unclear                                     |
|     |   |                    |   |
| 2b  | Summarise information on distribution (if known):   |                    |   |
|     | increasing $\Box$ decreasing $\Box$ stable $\Box$   | not known 🛛        | unclear                                     |
|     |   |                    |   |
| 3   | Indicate (with an 'X') and briefly describe any active<br>reporting period. (Please provide the title of the pro- |                    |   |
|     | Research  | $\boxtimes$        |   |
|     | Identification and establishment of protected areas   | $\boxtimes$        |   |
|     | Monitoring  | $\boxtimes$        |   |
|     | Education / awareness rising  | $\boxtimes$        |   |
|     | Species protection  | $\boxtimes$        |   |
|     | Control hunting / poaching  | $\boxtimes$        |   |
|     | Species restoration   | $\bowtie$          |   |
|     | Habitat protection  | $\bowtie$          |   |
|     | Habitat restoration   |                    |   |
|     | Other   |                    |   |
| 4   | If no activities have been carried out for this species taken?  | in the reporting p | eriod, what has prevented such action being |
|     | NA  |                    |   |
| 5   | Describe any future activities that are planned for th  | is species?        |   |
|     | Pakistan will be a part of the Regional initiative for s  | snow leopard cons  | servation                                   |

Miscellaneous information or comments on Appendix I terrestrial mammals (other than bats) in general:

## 5. BATS

## 5.1 General questions on Appendix I bats

| 1  | Is the taking of all Appendix I bats prohibited by the national implementing<br>legislation cited in Table I(a) (General Information)?   |
|----|--|
|    | If other legislation is relevant, please provide details:  |
| 1a | If the taking of Appendix I bats is prohibited by law, have any exceptions<br>been granted to the prohibition?   |
|    | If Yes, please provide details (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)):   |
| 2  | Identify any obstacles to migration that exist in relation to Appendix I bats:   |
|    | Vandalism of bat caves   |
|    | Other threats to migration (please provide details)  |
| 2a | What actions are being undertaken to overcome these obstacles?   |
| 2b | Please report on the progress / success of the actions taken.  |
| 2c | What assistance, if any, does your country require in order to overcome these obstacles?   |
| 3  | What are the major threats to Appendix I bats (transcending mere obstacles to migration)?  |
|    | Pollution Habitat fragmentation and loss   |
|    | Other (please specify)   |
| 3a | What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of bats beyond actions to prevent disruption to migrating behaviour? |
| 3b | Please report on the progress / success of the actions taken.  |
| 3c | Describe any factors that may limit action being taken in this regard:   |
| 3d | What assistance/measures, if any, does your country require to overcome these factors?   |

#### 5.2 Questions on specific Appendix I bat species

In the following section, using the table format below, please fill in each Appendix I bat species for which your country is considered to be a Range State. Please complete each table as appropriate, providing information in summary form. Where appropriate, please cross-reference to information already provided in national reports that have been submitted under other conventions (e.g. Convention on Biological Diversity, Ramsar Convention, CITES). (Attach annexes as necessary.)

| Spec | ecies name – Common Name(s)  |  |  |
|------|--|--|--|
| 1    | Please provide published distribution reference:   |  |  |
| 2a   | Summarise information on population size (if known):   |  |  |
|      | increasing $\Box$ decreasing $\Box$ stable $\Box$ not known $\Box$ unclear $\Box$  |  |  |
| 2c   | Summarise information on trends (if known):  |  |  |
|      | increasing $\Box$ decreasing $\Box$ stable $\Box$ not known $\Box$ unclear $\Box$  |  |  |
| 2c   | Summarise information on distribution (if known):  |  |  |
|      | increasing decreasing stable not known unclear   |  |  |
|      |  |  |  |
| 3    | Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available): |  |  |
|      | Research   |  |  |
|      | Identification and establishment of protected areas  |  |  |
|      | Monitoring   |  |  |
|      | Education / awareness rising   |  |  |
|      | Species protection   |  |  |
|      | Control hunting / poaching   |  |  |
|      | Species restoration  |  |  |
|      | Habitat protection   |  |  |
|      | Habitat restoration  |  |  |
|      | Other 🗌  |  |  |
| 4    | If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?   |  |  |
| 5    | Describe any future activities that are planned for this species:  |  |  |

Miscellaneous information or comments on Appendix I terrestrial mammals (other than bats) in general:

## 6. OTHER TAXA

## 6.1 General questions on Appendix I species belonging to other taxa

| 1  | Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed species belonging to taxa not included in sections 1-5 above:  |
|----|--|
| 2  | Is the taking of all Appendix I species belonging to taxa not included in sections 1-5 above, prohibited by the national legislation listed as being implementing legislation in Table I(a) (General Information)?                                 |
|    | If other legislation is relevant, please provide details:  |
| 2a | If the taking of Appendix I species belonging to taxa not included in sections 1-5 above is prohibited by law, have any exceptions been granted to the prohibition?  |
|    | If Yes, please provide details (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)):   |
| 3  | Identify any obstacles to migration that exist in relation to Appendix I species belonging to taxa not included in sections 1-5 above:   |
|    | Lack of legislation  |
|    | Other threats to migration (please provide details)  |
| 3a | What actions are being undertaken to overcome these obstacles?   |
| 3b | Please report on the progress / success of the actions taken.  |
| 3с | What assistance, if any, does your country require in order to overcome these obstacles?   |
| 4  | What are the major threats to Appendix I species belonging to taxa not included in sections 1-5 above (transcending mere obstacles to migration)?  |
|    | Other (please specify)   |
| 4a | What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species belonging to taxa not included in section 1-5 above beyond actions to prevent disruption to migrating behaviour? |
| 4b | Please report on the progress / success of the actions taken.  |
| 4c | Describe any factors that may limit action being taken in this regard:   |
| 4d | What assistance, if any, does your country require to overcome these factors?  |

#### 6.2 Questions on specific Appendix I species belonging to other taxa

In the following section, using the table format below, please fill in each Appendix I species belonging to taxa not included in sections 1-5 above, for which your country is considered to be a Range State. Please complete each table as appropriate, providing information in summary form. Where appropriate, please cross-reference to information already provided in national reports that have been submitted under other conventions (e.g. Convention on Biological Diversity, Ramsar Convention, CITES). (Attach annexes as necessary.)

| Spec | ies name – Common Name(s)   |                                 |  |
|------|---|---------------------------------|--|
| 1    | Please provide published distribution reference:  |                                 |  |
| 2a   | Summarise information on population size (if know   | n):                             |  |
|      | increasing 🗌 decreasing 🗌 stable 🗌  | not known 🗌                     | unclear 🗖                                    |
|      |   |                                 |  |
| 2b   | Summarise information on distribution (if known):   |                                 |  |
|      | increasing 🗌 decreasing 🗌 stable 🗌  | not known 🗌                     | unclear 🗖                                    |
|      |   |                                 |  |
| 3    | Indicate (with an 'X') and briefly describe any active<br>reporting period. (Please provide the title of the pro- |                                 | 1  |
|      | Research  |                                 |  |
|      | Identification and establishment of protected areas   |                                 |  |
|      | Monitoring  |                                 |  |
|      | Education / awareness rising  |                                 |  |
|      | Species protection  |                                 |  |
|      | Control hunting / poaching  |                                 |  |
|      | Species restoration   |                                 |  |
|      | Habitat protection  |                                 |  |
|      | Habitat restoration   |                                 |  |
|      | Other   |                                 |  |
| 4    | If no activities have been carried out for this species taken?  | s in the reporting <sub>]</sub> | period, what has prevented such action being |
| 5    | Describe any future activities that are planned for the   | his species:                    |  |

Miscellaneous information or comments on Appendix I bats in general:

## 7 LISTING OF OTHER ENDANGERED MIGRATORY SPECIES IN APPENDIX I

| 1  | Is your country a Range State for any other endangered migratory species <sup>1</sup> Yes  No<br>not currently listed in Appendix I?<br>If Yes, please provide details:                              |
|----|--|
|    | N.B.: States in which a species occurs as a vagrant (i.e. not "on its normal migration route") should not be treated as Range States. Please refer to Article 1 of the Convention for clarification. |
| 1a | Is your country taking any steps to propose listing any of these species?  |
|    | If Yes, please provide details:  |
| 1b | What assistance/measures, if any, does your country require to initiate the listing of these species?  |
|    |  |

<sup>1</sup> according to the latest IUCN red data list

## **III.** Appendix II Species

#### 1. INFORMATION ON APPENDIX II SPECIES

Information pertaining to the conservation of Appendix II species that are the object of CMS Agreements will have been provided in periodic Party reports to those instruments. It will suffice therefore to reference (below), and preferably append, a copy of the latest report that has been submitted to the Secretariat of each of the Agreement/MoUs to which your country is a Party.

| WADDEN SEA SEALS (1991)   |                              |  |
|---|------------------------------|--|
| Date of last report:  | Period covered:              |  |
| SIBERIAN CRANE MoU (1993/1999)  |                              |  |
| Date of last report: Updated in meeting<br>held during 15-19 May 2007   | Period covered: Up to 2007   |  |
| EUROBATS (1994)   |                              |  |
| Date of last report:  | Period covered:              |  |
| ASCOBANS (1994)   |                              |  |
| Date of last report:  | Period covered:              |  |
| SLENDER-BILLED CURLEW MoU (19   | 994)                         |  |
| Date of last report:  | Period covered:              |  |
| MARINE TURTLES – AFRICA MoU (1  | 999)                         |  |
| Date of last report:  | Period covered:              |  |
| AEWA (1999)   |                              |  |
| Date of last report:  | Period covered:              |  |
| ACCOBAMS (2001)   |                              |  |
| Date of last report:  | Period covered:              |  |
| GREAT BUSTARD MoU (2001)  |                              |  |
| Date of last report:  | Period covered:              |  |
| MARINE TURTLES – INDIAN OCEAN   | V/ SOUTHEAST ASIA MoU (2001) |  |
| Date of last report: Updated in meeting<br>held during 29-31 March 2005 | Period covered: Up to 2005   |  |
| ALBATROSSES AND PETRELS (2001)  |                              |  |
| Date of last report:  | Period covered:              |  |
| BUKHARA DEER MoU (2002)   |                              |  |
| Date of last report:  | Period covered:              |  |
| AQUATIC WARBLER MoU (2003)  |                              |  |
| Date of last report:  | Period covered:              |  |
| AFRICAN ELEPHANT MoU <mark>(</mark> 2005)                               |                              |  |
| Date of last report:  | Period covered:              |  |
| PACIFIC ISLANDS CETACEANS (200  | 6)                           |  |
| Date of last report:  | Period covered:              |  |
| MEDITERRANEAN MONK SEAL (200  | 7)                           |  |
| Date of last report:  | Period covered:              |  |

## 2. QUESTIONS ON CMS AGREEMENTS

#### 2.1 Questions on the development of new CMS Agreements relating to birds

| 1 | In the current reporting period, has your country <b>initiated</b> the development of any new CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II bird species?<br>If Yes, what is the current state of development? |
|---|---|
| 2 | In the current reporting period, has your country <b>participated</b> in the development<br>of any new CMS Agreements, including Memoranda of Understanding, which address<br>the conservation needs of Appendix II bird species?<br>If Yes, please provide details:    |
| 3 | If your country has initiated or is participating in the development of a new Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development?                         |
| 4 | Is the development of any CMS Agreement for birds, including Memoranda of Understanding, planned by your country in the foreseeable future? If Yes, please provide details:   |

#### 2.2 Questions on the development of new CMS Agreements relating to marine mammals

| 1 | In the current reporting period, has your country <b>initiated</b> the development of any new CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II marine mammal species?<br>If Yes, what is the current state of development?                                       |
|---|--|
| 2 | In the current reporting period, has your country <b>participated</b> in the development<br>of any new CMS Agreements, including Memoranda of Understanding, which address<br>the conservation needs of Appendix II marine mammal species?<br>If Yes, please provide details: Regional Dugong Conservation Initiative  |
| 3 | If your country has initiated or is participating in the development of a new Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development? Confirmation / assessment of the Dugong presence/population estimation |
| 4 | Is the development of any CMS Agreement for marine mammals, including<br>Memoranda of Understanding, planned by your country in the foreseeable future?<br>If Yes, please provide details:   |

### 2.3 Questions on the development of new CMS Agreements relating to marine turtles

| 1 | In the current reporting period, has your country <b>initiated</b> the development of any new CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II marine turtles?<br>If Yes, what is the current state of development? |
|---|---|
| 2 | In the current reporting period, has your country <b>participated</b> in the development<br>of any new CMS Agreements, including Memoranda of Understanding, which address<br>the conservation needs of Appendix II marine turtles?<br>If Yes, please provide details:    |
| 3 | If your country has initiated or is participating in the development of a new Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development?                           |
| 4 | Is the development of any CMS Agreement for marine turtles, including<br>Memoranda of Understanding, planned by your country in the foreseeable future?<br>If Yes, please provide details:  |

## 2.4 Questions on the development of new CMS Agreements relating to terrestrial mammals (other than bats)

| 1 | In the current reporting period, has your country <b>initiated</b> the development of any new CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II terrestrial mammal species (other than bats)? If Yes, what is the current state of development? |
|---|--|
| 2 | In the current reporting period, has your country <b>participated</b> in the development<br>of any new CMS Agreements, including Memoranda of Understanding, which address<br>the conservation needs of Appendix II terrestrial mammal species (other than bats)?<br>If Yes, please provide details: |
| 3 | If your country has initiated or is participating in the development of a new Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development?  |
| 4 | Is the development of any CMS Agreement for terrestrial mammals (other than bats),<br>including Memoranda of Understanding, planned by your country in the foreseeable future?<br>If Yes, please provide details:  |

### 2.5 Questions on the development of new CMS Agreements relating to bats

| 1 | In the current reporting period, has your country <b>initiated</b> the development of any<br>new CMS Agreements, including Memoranda of Understanding, to address the<br>conservation needs of Appendix II bat species?<br>If Yes, what is the current state of development? | Tes Yes | No No |
|---|--|---------|-------|
| 2 | In the current reporting period, has your country <b>participated</b> in the development<br>of any new CMS Agreements, including Memoranda of Understanding, which address<br>the conservation needs of Appendix II bat species?<br>If Yes, please provide details:          | □ Yes   | □ No  |
| 3 | If your country has initiated or is participating in the development of a new Agreemen<br>Understanding, what assistance, if any, does your country require in order to initiate<br>instrument's development?  |         |       |
| 4 | Is the development of any CMS Agreement for bats, including Memoranda of<br>Understanding, planned by your country in the future?<br>If Yes, please provide details:   | ☐ Yes   | 🗌 No  |

#### 2.6 QUESTIONS ON THE DEVELOPMENT OF NEW CMS AGREEMENTS RELATING TO OTHER TAXA

| 1 | In the current reporting period, has your country <b>initiated</b> the development of any new<br>CMS Agreements, including Memoranda of Understanding, to address the conservation<br>needs of Appendix II species belonging to taxa not included in sections 1-6 above?<br>If Yes, what is the current state of development? |
|---|---|
| 2 | In the current reporting period, has your country <b>participated</b> in the development<br>of any new CMS Agreements, including Memoranda of Understanding, which address<br>the conservation needs of species belonging to taxa not included in sections 1-6 above?<br>If Yes, please provide details:                      |
| 3 | If your country has initiated or is participating in the development of a new Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development?   |
| 4 | Is the development of any CMS Agreement for other taxa, including Memoranda of<br>Understanding, planned by your country in the foreseeable future?<br>If Yes, please provide details:  |

### 3. LISTING OF MIGRATORY SPECIES IN APPENDIX II

| 1  | Is your country a Range State for any migratory species that has an unfavourable<br>conservation status, but is <u>not</u> currently listed in Appendix II and could benefit<br>from the conclusion of an Agreement for its conservation? |
|----|---|
|    | If Yes, please provide details:   |
|    | N.B.: States in which a species occurs as a vagrant (i.e. not "on its normal migration route") should not be treated as Range States. Please refer to Article 1 of the Convention for clarification.                                      |
| 1a | Is your country taking any steps to propose the listing of this/these species in Appendix II?  Yes No   |
|    | If Yes, please provide details:   |
| 1b | What assistance, if any, does your country require to initiate the listing of this/these species?   |
|    |   |

## **IV.** National and Regional Priorities

| 1       | wher  | t priority does your country assign to the conservation and,<br>e applicable, sustainable use of migratory species in<br>parison to other biodiversity-related issues   |  |  |  |  |  |
|---------|---|---|--|--|--|--|--|
| 2       | Are migratory species and their habitats addressed by your country's national Yes INO biodiversity strategy or action plan? |   |  |  |  |  |  |
|         | If Ye   | s, please indicate and briefly describe the extent to which it addresses the following issues:  |  |  |  |  |  |
|         | $\boxtimes$   | Conservation, sustainable use and/or restoration of migratory species   |  |  |  |  |  |
|         |   | Conservation, sustainable use and/or restoration of the habitats of migratory species, including protected areas  |  |  |  |  |  |
|         |   | Actions to prevent, reduce or control factors that are endangering or are likely to further endanger migratory species (e.g. alien invasive species or by-catch)  |  |  |  |  |  |
|         |   | Minimizing or eliminating barriers or obstacles to migration  |  |  |  |  |  |
|         | $\boxtimes$   | Research and monitoring of migratory species  |  |  |  |  |  |
|         | $\boxtimes$   | Transboundary co-operation  |  |  |  |  |  |
| 3       | or reg  | the conservation of migratory species currently feature in any other national 🛛 Yes 🗌 No gional policies/plans (apart from CMS Agreements) s, please provide details: National Conservation Strategy (NCS), Biodiversity Action Plan (BAP)                                    |  |  |  |  |  |
|         |   |   |  |  |  |  |  |
| 3a      | Do th   | nese policies/plans cover the following areas (if Yes, please provide details):   |  |  |  |  |  |
| 3a      | Do th<br>Yes  | nese policies/plans cover the following areas (if Yes, please provide details):<br>No   |  |  |  |  |  |
| 3a      |   |   |  |  |  |  |  |
| 3a      | Yes   | No  |  |  |  |  |  |
| 3a      | Yes<br>⊠  | No<br>Exploitation of natural resources (e.g. fisheries, hunting, etc.)   |  |  |  |  |  |
| 3a      | Yes<br>⊠<br>⊠   | No  Exploitation of natural resources (e.g. fisheries, hunting, etc.)  Economic development   |  |  |  |  |  |
| 3a      | Yes<br>⊠<br>□   | No  Exploitation of natural resources (e.g. fisheries, hunting, etc.)  Economic development Land-use planning   |  |  |  |  |  |
| 3a      | Yes<br>⊠<br>□<br>⊠  | No  Exploitation of natural resources (e.g. fisheries, hunting, etc.)  Economic development Land-use planning Pollution control   |  |  |  |  |  |
| 3a      | Yes   | No  Exploitation of natural resources (e.g. fisheries, hunting, etc.)  Economic development Land-use planning Pollution control Designation and development of protected areas  |  |  |  |  |  |
| 3a      | Yes   | No  Exploitation of natural resources (e.g. fisheries, hunting, etc.)  Economic development Land-use planning Pollution control Designation and development of protected areas Development of ecological networks   |  |  |  |  |  |
| 3a      | Yes   | No  Exploitation of natural resources (e.g. fisheries, hunting, etc.)  Economic development Land-use planning Pollution control Designation and development of protected areas Development of ecological networks Planning of power lines                                     |  |  |  |  |  |
| 3a      | Yes   | No  Exploitation of natural resources (e.g. fisheries, hunting, etc.) Economic development Land-use planning Pollution control Designation and development of protected areas Development of ecological networks Planning of power lines Planning of fences                   |  |  |  |  |  |
| 3a<br>4 | Yes   | No  Exploitation of natural resources (e.g. fisheries, hunting, etc.)  Economic development Land-use planning Pollution control Designation and development of protected areas Development of ecological networks Planning of power lines Planning of fences Planning of dams |  |  |  |  |  |

## V. Protected Areas

| 1  | Are migratory species taken into account in the selection, establishment and Yes No management of protected areas in your country?<br>If Yes, please provide details: A number of wetlands have been designated as Ramsar Sites especially for migratory birds. In addition, Protected Areas Network has been established for conservation of resident and migratory species   |
|----|--|
| 1a | Please identify the most important national sites for migratory species and their protection status: Chitral Gol<br>National Park, Northern Alpine Wetlands Complex, Salt Range Wetlands Complex, Central Indus Wetlands<br>Complex, Hingol National Park etc.   |
| 1b | Do these protected areas cover the following areas? (If Yes, please provide details and include the amount of protected areas):         Yes       No         Image: Image |
| 1c | Identify the agency, department or organization responsible for leading on this action in your country: National Council for Conservation of Wildlife (NCCW), Ministry of Environment, Islamabad.  |
| 2  | Results – please describe the positive outcomes of any actions taken<br>A positive change is expected in future  |

## VI. Policies on Satellite Telemetry

| 1 | In the current reporting period, has your country undertaken $X$ Yes $\square$ No conservation/research projects that use satellite telemetry? $\square$ In preparation $\square$ on-going $\square$ completed   |
|---|--|
| 2 | Are any future conservation/research projects planned that will use Yes No<br>satellite telemetry?<br>If Yes, please provide details (including the expected timeframe for these projects):<br>The Ministry of Environment's Pakistan Wetlands Programme (duration 2005-2012)<br>If No, please explain any impediments or requirements in this regard: |
| 3 | Results – please describe the positive outcomes of any actions taken<br>A positive change is expected in future  |

## VII. Membership

| 1  | Have actions been taken by your country to encourage non- Parties       If Yes       If No         If Yes, please provide details. (In particular, describe actions taken to recruit the non-Parties that have been identified by the Standing Committee as high priorities for recruitment.)       If Yes |
|----|--|
| 1a | Identify the agency, department or organization responsible for leading on this action in your country:  |
| 2  | Results – please describe the positive outcomes of any actions taken   |

## VIII. Global and National Importance of CMS

| 1 | <ul> <li>Have actions been taken by your country to increase national, regional Yes No and/or global awareness of the relevance of CMS and its global importance in the context of biodiversity conservation?</li> <li>If Yes, please provide details: A strong component of mass awareness is being implemented under the Ministry of Environment's Pakistan Wetlands Programme</li> </ul> |
|---|---|
| 2 | Identify the agency, department or organization responsible for leading on this action in your country:<br>Ministry of Environment  |
| 3 | Results – please describe the positive outcomes of any actions taken  |
|   | A positive change is expected in future   |

## IX. Mobilization of Resources

| 1 | Has your country made financial resources available for conservation activities having Xes INO direct benefits for migratory species in your country?   |
|---|---|
|   | If Yes, please provide details (Indicate the migratory species that have benefited from these activities): Snow Leopard, White Headed Duck and Green Turtles  |
| 2 | Has your country made voluntary contributions to the CMS Trust Fund to support requests from developing countries and countries with economies in transition? If Yes, please provide details:   |
| 3 | Has your country made other voluntary financial contributions to support       Image: Yes       Yes       No         conservation activities having direct benefits for migratory species in other countries (particularly developing countries)?       If Yes, please provide details (Indicate the migratory species that have benefited from these activities):       Image: Yes       < |
| 4 | Has your country provided technical and/or scientific assistance to<br>developing countries to facilitate initiatives for the benefit of migratory species?<br>If Yes, please provide details (Indicate the migratory species that have benefited from these activities):   |
| 5 | Has your country received financial assistance/support from the CMS Trust<br>Fund, via the CMS Secretariat, for national conservation activities having<br>direct benefits for migratory species in your country?<br>If Yes, please provide details (Indicate the migratory species that have benefited from these activities):   |
| 6 | Has your country received financial assistance/support from sources other<br>than the CMS Secretariat for conservation activities having direct benefit<br>for migratory species in your country?   |
|   | If Yes, please provide details (Indicate the migratory species that have benefited from these activities): Global Environment Facility (GEF), Netherlands Government and UNDP assisted Pakistan Wetlands Programme is under implementation which is taking care of a number of migratory species including Snow leopard, Cranes, marine turtles etc.  |

## X. Implementation of COP Resolutions and Recommendations

Please provide information about measures undertaken by your country relating to recent Resolutions and Recommendations since the last Report. For your convenience please refer to the list of COP Resolutions and Recommendations listed below.

| Resolutions   |
|---|
| Resolution 6.2 – By-catch, and Recommendation 7.2 – Implementation of Resolution 6.2 on By-catch                                    |
| Resolution 6.3 – Southern Hemisphere Albatross Conservation   |
| Resolution 7.2 – Impact Assessment and Migratory Species  |
| Resolution 7.3 – Oil Pollution and Migratory Species  |
| Resolution 7.4 – Electrocution of Migratory Birds   |
| Resolution 7.5 – Wind Turbines and Migratory Species  |
| Resolution 7.9 - Cooperation with Other Bodies and Processes  |
| Resolution 7.15 – Future Action on the Antarctic Minke, Bryde's and Pygmy Right Whales under the Convention on<br>Migratory Species |
| Resolution 8.1 – Sustainable Use  |
| Resolution 8.2 - CMS Strategic Plan 2006-2010   |
| Resolution 8.5 - Implementation of Existing Agreements and Development of Future Agreements   |
| Resolution 8.7 - Contribution of CMS in Achieving the 2010 Biodiversity Target  |
| Resolution 8.9 - Review of GROMS (Global Register on Migratory Species)   |
| Resolution 8.11 - Co-operation with other Conventions   |
| Resolution 8.13 - Climate Change and Migratory Species  |
| Resolution 8.14 – By-Catch  |
| Resolution 8.22 - Adverse Human Induced Impacts on Cetaceans  |
| Resolution 8.24 - National Reports for the Eight and Ninth Meetings of the Conference of the Parties                                |
| Resolution 8.27 - Migratory Species and Highly Pathogenic Avian Influenza   |
| Resolution 8.29 - Concerted Actions for Appendix I Species  |

#### Recommendations

Recommendation 7.5 - Range State Agreement for Dugong (Dugong dugon) Conservation

Recommendation 7.6 - Improving the Conservation Status of the Leatherback Turtle (Dermochelys coriacea)

Recommendation 7.7 – America Pacific Flyway Programme

Recommendation 8.12 - Improving the conservation status of raptors and owls in the African Eurasian region

Recommendation 8.16 - Migratory Sharks

Recommendation 8.17 - Marine Turtles

Recommendation 8.23 - Central Eurasian and Aridland Mammals

Recommendation 8.26 - Grassland Bird Species and their Habitats in Southern South America

Recommendation 8.28 - Cooperative Actions for Appendix II Species

#### **Other resolutions/recommendations:**

**Other remarks:** 

## **Annex: Updating Data on Appendix II Species**

The tables below contain the list of all species listed in Appendix II.

New Parties which have acceded since COP8 in 2005 and Parties which did not submit a National Report in 2005 are requested to complete the entire form.

Parties that did submit a report in 2005 need only which information has changed (e.g. new published distribution references and details concerning species added to Appendix II at COP8).

| Species  | Range<br>State | Extinct at<br>National<br>level | No<br>information<br>available | Published distribution reference |
|--|----------------|---------------------------------|--------------------------------|----------------------------------|
|  | CE             | ГАСЕА                           |                                |                                  |
| <i>Rhinolophus ferrumequinum</i> (only European populations)   |                |                                 |                                |                                  |
| <i>Rhinolophus hipposideros</i><br>(only European populations) |                |                                 |                                |                                  |
| <i>Rhinolophus euryale</i><br>(only European populations)      |                |                                 |                                |                                  |
| <i>Rhinolophus mehelyi</i><br>(only European populations)      |                |                                 |                                |                                  |
| Rhinolophus blasii<br>(only European populations)              |                |                                 |                                |                                  |
| Myotis bechsteini<br>(only European populations)               |                |                                 |                                |                                  |
| Myotis blythi<br>(only European populations)                   |                |                                 |                                |                                  |
| Myotis brandtii<br>(only European populations)                 |                |                                 |                                |                                  |
| Myotis capaccinii<br>(only European populations)               |                |                                 |                                |                                  |
| <i>Myotis dasycneme</i><br>(only European populations)         |                |                                 |                                |                                  |
| Myotis daubentoni<br>(only European populations)               |                |                                 |                                |                                  |
| <i>Myotis emarginatus</i><br>(only European populations)       |                |                                 |                                |                                  |
| Myotis myotis<br>(only European populations)                   |                |                                 |                                |                                  |
| Myotis mystacinus<br>(only European populations)               |                |                                 |                                |                                  |
| Myotis nattereri<br>(only European populations)                |                |                                 |                                |                                  |
| Pipistrellus kuhli<br>(only European populations)              |                |                                 |                                |                                  |
| Pipistrellus nathusii<br>(only European populations)           |                |                                 |                                |                                  |
| Pipistrellus pipistrellus<br>(only European populations)       |                |                                 |                                |                                  |
| Pipistrellus savii<br>(only European populations)              |                |                                 |                                |                                  |
| Nyctalus lasiopterus<br>(only European populations)            |                |                                 |                                |                                  |
| Nyctalus leisleri<br>(only European populations)               |                |                                 |                                |                                  |

| Species  | Range<br>State | Extinct at<br>National<br>level | No<br>information<br>available | Published distribution reference |
|--|----------------|---------------------------------|--------------------------------|----------------------------------|
| Nyctalus noctula<br>(only European populations)                              |                |                                 |                                |                                  |
| <i>Eptesicus nilssonii</i><br>(only European populations)                    |                |                                 |                                |                                  |
| <i>Eptesicus serotinus</i><br>(only European populations)                    |                |                                 |                                |                                  |
| Vespertilio murinus<br>(only European populations)                           |                |                                 |                                |                                  |
| Barbastella barbastellus<br>(only European populations)                      |                |                                 |                                |                                  |
| Plecotus auritus<br>(only European populations)                              |                |                                 |                                |                                  |
| Plecotus austriacus<br>(only European populations)                           |                |                                 |                                |                                  |
| Miniopterus schreibersii<br>(only European populations)                      |                |                                 |                                |                                  |
| Tadarida teniotis  |                |                                 |                                |                                  |
|  |                | TACEA                           |                                |                                  |
| Physeter macrocephalus   |                |                                 |                                |                                  |
| Platanista gangetica gangetica   |                |                                 |                                |                                  |
| Pontoporia blainvillei   |                |                                 |                                |                                  |
| Inia geoffrensis   |                |                                 |                                |                                  |
| Delphinapterus leucas  |                |                                 |                                |                                  |
| Monodon monoceros  |                |                                 |                                |                                  |
| Phocoena phocoena<br>(North and Baltic Sea populations)                      |                |                                 |                                |                                  |
| Phocoena phocoena<br>(western North Atlantic population)                     |                |                                 |                                |                                  |
| Phocoena phocoena<br>(Black Sea population)                                  |                |                                 |                                |                                  |
| Neophocaena phocaenoides   |                |                                 |                                |                                  |
| Phocoenoides dalli   |                |                                 |                                |                                  |
| Phocoena spinipinnis   |                |                                 |                                |                                  |
| Phocoena dioptrica   |                |                                 |                                |                                  |
| Sousa chinensis  |                |                                 |                                |                                  |
| Sousa teuszii  |                |                                 |                                |                                  |
| Sotalia fluviatilis  |                |                                 |                                |                                  |
| <i>Lagenorhynchus albirostris</i><br>(only North and Baltic Sea populations) |                |                                 |                                |                                  |
| Lagenorhynchus acutus<br>(only North and Baltic Sea populations)             |                |                                 |                                |                                  |
| Lagenorhynchus australis   |                |                                 |                                |                                  |
| Lagenorhynchus obscurus  |                |                                 |                                |                                  |
| <i>Grampus griseus</i><br>(only North and Baltic Sea populations)            |                |                                 |                                |                                  |
| <i>Tursiops aduncus</i><br>(Arafura/Timor Sea populations)                   |                |                                 |                                |                                  |
| <i>Tursiops truncatus</i><br>(North and Baltic Sea populations)              |                |                                 |                                |                                  |

| Species   | Range<br>State | Extinct at<br>National<br>level | No<br>information<br>available | Published distribution reference |  |  |
|---|----------------|---------------------------------|--------------------------------|----------------------------------|--|--|
| <i>Tursiops truncatus</i><br>(western Mediterranean population)   |                |                                 |                                |                                  |  |  |
| Tursiops truncatus<br>(Black Sea population)                      |                |                                 |                                |                                  |  |  |
| Stenella attenuata<br>(eastern tropical Pacific population)       |                |                                 |                                |                                  |  |  |
| Stenella attenuata<br>(Southeast Asian populations)               |                |                                 |                                |                                  |  |  |
| Stenella longirostris<br>(eastern tropical Pacific populations)   |                |                                 |                                |                                  |  |  |
| Stenella longirostris<br>(Southeast Asian populations)            |                |                                 |                                |                                  |  |  |
| Stenella coeruleoalba<br>(eastern tropical Pacific population)    |                |                                 |                                |                                  |  |  |
| Stenella coeruleoalba<br>(western Mediterranean population)       |                |                                 |                                |                                  |  |  |
| Delphinus delphis<br>(North and Baltic Sea populations)           |                |                                 |                                |                                  |  |  |
| Delphinus delphis<br>(western Mediterranean population)           |                |                                 |                                |                                  |  |  |
| Delphinus delphis<br>(Black Sea population)                       |                |                                 |                                |                                  |  |  |
| Delphinus delphis<br>(eastern tropical Pacific population)        |                |                                 |                                |                                  |  |  |
| Lagenodelphis hosei<br>(Southeast Asian populations)              |                |                                 |                                |                                  |  |  |
| Orcaella brevirostris   |                |                                 |                                |                                  |  |  |
| <i>Cephalorhynchus commersonii</i><br>(South American population) |                |                                 |                                |                                  |  |  |
| Cephalorhynchus eutropia  |                |                                 |                                |                                  |  |  |
| Cephalorhynchus heavisidii  |                |                                 |                                |                                  |  |  |
| Orcinus orca  |                |                                 |                                |                                  |  |  |
| <i>Globicephala melas</i> (only North and Baltic Sea populations) |                |                                 |                                |                                  |  |  |
| Berardius bairdii   |                |                                 |                                |                                  |  |  |
| Hyperoodon ampullatus   |                |                                 |                                |                                  |  |  |
| Balaenoptera bonaerensis  |                |                                 |                                |                                  |  |  |
| Balaenoptera edeni  |                |                                 |                                |                                  |  |  |
| Balaenoptera borealis   |                |                                 |                                |                                  |  |  |
| Balaenoptera physalus   |                |                                 |                                |                                  |  |  |
| Caperea marginata   |                |                                 |                                |                                  |  |  |
| CARNIVORA   |                |                                 |                                |                                  |  |  |
| Arctocephalus australis   |                |                                 |                                |                                  |  |  |
| Otaria flavescens   |                |                                 |                                |                                  |  |  |
| Phoca vitulina<br>(only Baltic and Wadden Sea populations)        |                |                                 |                                |                                  |  |  |
| Halichoerus grypus<br>(only Baltic Sea populations)               |                |                                 |                                |                                  |  |  |
| Monachus monachus   |                |                                 |                                |                                  |  |  |
| PROBOSCIDEA   |                |                                 |                                |                                  |  |  |

| Species  | Danga          | Extinct at | No                                    | Published distribution |
|--|----------------|------------|---------------------------------------|------------------------|
| Species  | Range<br>State | National   | information                           | reference              |
|  | State          | level      | available                             | reference              |
| Loxodonta africana   |                |            |                                       |                        |
| Loxodonia dji icana  |                |            |                                       |                        |
| Tuilland   |                | RENIA      |                                       |                        |
| <i>Trichechus manatus</i> (populations between Honduras and Panama)                                |                |            |                                       |                        |
| Trichechus senegalensis  |                |            |                                       |                        |
| Trichechus inunguis  |                |            |                                       |                        |
| Dugong dugon   |                |            |                                       |                        |
| Dugong uugon   |                |            |                                       |                        |
|  | PERISSO        | DDACTYLA   | _                                     |                        |
| <i>Equus hemionus</i><br>(includes <i>Equus hemionus, Equus onager</i> and<br><i>Equus kiang</i> ) |                |            |                                       |                        |
|  | ARTIO          | DACTYLA    |                                       |                        |
| Vicugna vicugna  |                |            |                                       |                        |
| Oryx dammah  |                |            |                                       |                        |
| Gazella gazella  |                |            |                                       |                        |
| (only Asian populations)   |                |            |                                       |                        |
| Gazella subgutturosa   |                |            |                                       |                        |
| Procapra gutturosa   |                |            |                                       |                        |
| Saiga tatarica tatarica  |                |            |                                       |                        |
|  | GAVII          | FORMES     | · · · · · · · · · · · · · · · · · · · |                        |
| Gavia stellata   |                |            |                                       |                        |
| (Western Palearctic populations)   |                |            |                                       |                        |
| Gavia arctica arctica  |                |            |                                       |                        |
| Gavia arctica suschkini  |                |            |                                       |                        |
| <i>Gavia immer immer</i> (Northwest European population)   |                |            |                                       |                        |
| Gavia adamsii  |                |            |                                       |                        |
| (Western Palearctic population)  | _              | _          | _                                     |                        |
|  | PODICIPI       | EDIFORMES  |                                       |                        |
| Podiceps grisegena grisegena   |                |            |                                       |                        |
| Podiceps auritus   |                |            |                                       |                        |
| (Western Palearctic populations)   |                |            |                                       |                        |
|  | PELECA         | NIFORMES   |                                       |                        |
| Phalacrocorax nigrogularis   |                |            |                                       |                        |
| Phalacrocorax pygmeus  |                |            |                                       |                        |
| Pelecanus onocrotalus<br>(Western Palearctic populations)  |                |            |                                       |                        |
| Pelecanus crispus  |                |            |                                       |                        |
| 4  | CICON          | IIFORMES   |                                       |                        |
| Botaurus stellaris stellaris   |                |            |                                       |                        |
| (Western Palearctic populations)   |                |            |                                       |                        |
| Ixobrychus minutus minutus   |                |            |                                       |                        |
| (Western Palearctic populations)<br>Ixobrychus sturmii   |                |            |                                       |                        |
| Ardeola rufiventris  |                |            |                                       |                        |
| Ardeola idae   |                |            |                                       |                        |
| Egretta vinaceigula  |                |            |                                       |                        |
| Casmerodius albus albus  |                |            |                                       |                        |
| (Western Palearctic populations)   |                |            |                                       |                        |
| Ardea purpurea purpurea<br>(populations breeding in the Western Palearctic)                        |                |            |                                       |                        |

| Species                                     | Range | Extinct at | No          | Published distribution |
|---|-------|------------|-------------|------------------------|
|   | State | National   | information | reference              |
|   |       | level      | available   |                        |
| Mycteria ibis                               |       |            |             |                        |
| Ciconia nigra                               |       |            |             |                        |
| Ciconia episcopus microscelis               |       |            |             |                        |
| Ciconia ciconia                             |       |            |             |                        |
| Plegadis falcinellus                        |       |            |             |                        |
| Geronticus eremita                          |       |            |             |                        |
| Threskiornis aethiopicus aethiopicus        |       |            |             |                        |
| Platalea alba                               |       |            |             |                        |
| (excluding Malagasy population)             |       |            |             |                        |
| Platalea leucorodia                         |       |            |             |                        |
| Phoenicopterus ruber                        |       |            |             |                        |
| Phoenicopterus minor                        |       |            |             |                        |
|   | ANSER | RIFORMES   |             |                        |
| Dendrocygna bicolor                         |       |            |             |                        |
| Dendrocygna viduata                         |       |            |             |                        |
| Thalassornis leuconotus                     |       |            |             |                        |
| Oxyura leucocephala                         |       |            |             |                        |
| Cygnus olor                                 |       |            |             |                        |
| Cygnus cygnus                               |       |            |             |                        |
| Cygnus columbianus                          |       |            |             |                        |
| Anser brachyrhynchus                        |       |            |             |                        |
| Anser fabalis                               |       |            |             |                        |
| Anser albifrons                             |       |            |             |                        |
| Anser erythropus                            |       |            |             |                        |
| Anser anser                                 |       |            |             |                        |
| Branta leucopsis                            |       |            |             |                        |
| Branta bernicla                             |       |            |             |                        |
| Branta ruficollis                           |       |            |             |                        |
|   |       |            |             |                        |
| Alopochen aegyptiacus<br>Tadorna ferruginea |       |            |             |                        |
| Tadorna jerruginea<br>Tadorna cana          |       |            |             |                        |
| Tadorna tadorna                             |       |            |             |                        |
| Plectropterus gambensis                     |       |            |             |                        |
| Sarkidiornis melanotos                      |       |            |             |                        |
| Nettapus auritus                            |       |            |             |                        |
| Anas penelope                               |       |            |             |                        |
| Anas strepera                               |       |            |             |                        |
| Anas crecca                                 |       |            |             |                        |
| Anas capensis                               |       |            |             |                        |
| Anas platyrhynchos                          |       |            |             |                        |
| Anas undulata                               |       |            |             |                        |
|   |       |            |             |                        |
| Anas acuta<br>Anas erythrorhyncha           |       |            |             |                        |
| Anas hottentota                             |       |            |             |                        |
|   |       |            |             |                        |
| Anas querquedula                            |       |            |             |                        |
| Anas clypeata                               |       |            |             |                        |
| Marmaronetta angustirostris                 |       |            |             |                        |
| Netta rufina                                |       |            |             |                        |
| Netta erythrophthalma                       |       |            |             |                        |
| Aythya ferina                               |       |            |             |                        |

| Species  | Danaa          | Entire at at           | No                | Dublished distribution              |
|--|----------------|------------------------|-------------------|-------------------------------------|
| Species  | Range<br>State | Extinct at<br>National | No<br>information | Published distribution<br>reference |
|  | State          | level                  | available         | reference                           |
| Aythya nyroca  |                |                        |                   |                                     |
| Aythya fuligula  |                |                        |                   |                                     |
| Aythya marila  |                |                        |                   |                                     |
| Somateria mollissima   |                |                        |                   |                                     |
| Somateria spectabilis  |                |                        |                   |                                     |
| Polysticta stelleri  |                |                        |                   |                                     |
| Clangula hyemalis  |                |                        |                   |                                     |
|  |                |                        |                   |                                     |
| Melanitta nigra<br>Melanitta fusca                                   |                |                        |                   |                                     |
|  |                |                        |                   |                                     |
| Bucephala clangula   |                |                        |                   |                                     |
| Mergellus albellus   |                |                        |                   |                                     |
| Mergus serrator  |                |                        |                   |                                     |
| Mergus merganser   |                |                        |                   |                                     |
| Dan dian halia dua   | FALCO          | NIFORMES               |                   |                                     |
| Pandion haliaetus  |                |                        |                   |                                     |
|  | GALL           | FORMES                 |                   |                                     |
| Coturnix coturnix coturnix   |                |                        |                   |                                     |
|  | SPHENIS        | CIFORMES               |                   |                                     |
| Spheniscus demersus  |                |                        |                   |                                     |
| *<br>  | PROCELL        | ARIIFORMES             |                   |                                     |
| Diomedea exulans   |                |                        |                   |                                     |
| Diomedea epomophora  |                |                        |                   |                                     |
| Diomedea irrorata  |                |                        |                   |                                     |
|  |                |                        |                   |                                     |
| Diomedea nigripes<br>Diomedea immutabilis                            |                |                        |                   |                                     |
|  |                |                        |                   |                                     |
| Diomedea melanophris<br>Diomedea bulleri                             |                |                        |                   |                                     |
|  |                |                        |                   |                                     |
| Diomedea cauta   |                |                        |                   |                                     |
| Diomedea chlororhynchos  |                |                        |                   |                                     |
| Diomedea chrysostoma   |                |                        |                   |                                     |
| Phoebetria fusca   |                |                        |                   |                                     |
| Phoebetria palpebrata  |                |                        |                   |                                     |
| Macronectes giganteus  |                |                        |                   |                                     |
| Macronectes halli  |                |                        |                   |                                     |
| Procellaria cinerea  |                |                        |                   |                                     |
| Procellaria aequinoctialis   |                |                        |                   |                                     |
| Procellaria aequinoctialis conspicillata                             |                |                        |                   |                                     |
| Procellaria parkinsoni   |                |                        |                   |                                     |
| Procellaria westlandica  |                |                        |                   |                                     |
|  | GRUI           | FORMES                 |                   |                                     |
| Porzana porzana  |                |                        |                   |                                     |
| (populations breeding in the Western Palearctic)                     |                |                        |                   |                                     |
| Porzana parva parva  |                |                        |                   |                                     |
| Porzana pusilla intermedia   |                |                        |                   |                                     |
| <i>Fulica atra atra</i><br>(Mediterranean and Black Sea populations) |                |                        |                   |                                     |
| Aenigmatolimnas marginalis   | $\square$      |                        |                   |                                     |
| Sarothrura boehmi  |                |                        |                   |                                     |
|  |                |                        |                   |                                     |
| Sarothrura ayresi  |                |                        |                   |                                     |
| Crex crex  |                |                        |                   |                                     |

| Species                                   | Range<br>State | Extinct at<br>National<br>level | No<br>information<br>available | Published distribution<br>reference |
|---|----------------|---------------------------------|--------------------------------|-------------------------------------|
| Grus leucogeranus                         |                |                                 |                                |                                     |
| Grus virgo (Syn. Anthropoides virgo)      |                |                                 |                                |                                     |
| Grus paradisea                            |                |                                 |                                |                                     |
| Grus carunculatus                         |                |                                 |                                |                                     |
|   |                |                                 |                                |                                     |
| Grus grus<br>Chlamydotis undulata         |                |                                 |                                |                                     |
| (only Asian populations)                  |                |                                 |                                |                                     |
| Otis tarda                                |                |                                 |                                |                                     |
|   | CHARAI         | RIIFORMES                       |                                |                                     |
| Himantopus himantopus                     |                |                                 |                                |                                     |
| Recurvirostra avosetta                    |                |                                 |                                |                                     |
| Dromas ardeola                            |                |                                 |                                |                                     |
| Burhinus oedicnemus                       |                |                                 |                                |                                     |
|   |                |                                 |                                |                                     |
| Glareola pratincola<br>Glareola nordmanni |                |                                 |                                |                                     |
|   |                |                                 |                                |                                     |
| Pluvialis apricaria                       |                |                                 |                                |                                     |
| Pluvialis squatarola                      |                |                                 |                                |                                     |
| Charadrius hiaticula                      |                |                                 |                                |                                     |
| Charadrius dubius                         |                |                                 |                                |                                     |
| Charadrius pecuarius                      |                |                                 |                                |                                     |
| Charadrius tricollaris                    |                |                                 |                                |                                     |
| Charadrius forbesi                        |                |                                 |                                |                                     |
| Charadrius pallidus                       |                |                                 |                                |                                     |
| Charadrius alexandrinus                   |                |                                 |                                |                                     |
| Charadrius marginatus                     |                |                                 |                                |                                     |
| Charadrius mongulus                       |                |                                 |                                |                                     |
| Charadrius leschenaultii                  |                |                                 |                                |                                     |
| Charadrius asiaticus                      |                |                                 |                                |                                     |
| Eudromias morinellus                      |                |                                 |                                |                                     |
| Vanellus vanellus                         |                |                                 |                                |                                     |
| Vanellus spinosus                         |                |                                 |                                |                                     |
| Vanellus albiceps                         |                |                                 |                                |                                     |
| Vanellus senegallus                       |                |                                 |                                |                                     |
| Vanellus lugubris                         |                |                                 |                                |                                     |
| Vanellus melanopterus                     |                |                                 |                                |                                     |
| Vanellus coronatus                        |                |                                 |                                |                                     |
| Vanellus superciliosus                    |                |                                 |                                |                                     |
| Vanellus gregarius (Syn Chettusia         |                |                                 |                                |                                     |
| gregaria)                                 |                |                                 |                                |                                     |
| Vanellus leucurus                         |                |                                 |                                |                                     |
| Gallinago media                           |                |                                 |                                |                                     |
| Gallinago gallinago                       |                |                                 |                                |                                     |
| Lymnocryptes minimus                      |                |                                 |                                |                                     |
| Limosa limosa                             |                |                                 |                                |                                     |
| Limosa lapponica                          |                |                                 |                                |                                     |
| Numenius phaeopus                         |                |                                 |                                |                                     |
| Numenius tenuirostris                     |                |                                 |                                |                                     |
| Numenius arquata                          |                |                                 |                                |                                     |
| Tringa erythropus                         |                |                                 |                                |                                     |
| Tringa totanus                            |                |                                 |                                |                                     |
| Tringa stagnatilis                        |                |                                 |                                |                                     |

| Species  | Range<br>State | Extinct at<br>National<br>level | No<br>information<br>available | Published distribution<br>reference |  |
|--|----------------|---------------------------------|--------------------------------|-------------------------------------|--|
| Tringa nebularia   |                |                                 |                                |                                     |  |
| Tringa ochropus  |                |                                 |                                |                                     |  |
| Tringa glareola  |                |                                 |                                |                                     |  |
| Tringa cinerea   |                |                                 |                                |                                     |  |
| Tringa hypoleucos  |                |                                 |                                |                                     |  |
| Arenaria interpres   |                |                                 |                                |                                     |  |
| Calidris tenuirostris                                      |                |                                 |                                |                                     |  |
| Calidris canutus   |                |                                 |                                |                                     |  |
| Calidris alba  |                |                                 |                                |                                     |  |
| Calidris minuta  |                |                                 |                                |                                     |  |
| Calidris temminckii  |                |                                 |                                |                                     |  |
| Calidris maritima  |                |                                 |                                |                                     |  |
| Calidris alpina  |                |                                 |                                |                                     |  |
| Calidris ferruginea  |                |                                 |                                |                                     |  |
| Limicola falcinellus                                       |                |                                 |                                |                                     |  |
| Philomachus pugnax   |                |                                 |                                |                                     |  |
| Phalaropus lobatus   |                |                                 |                                |                                     |  |
| Phalaropus fulicaria                                       |                |                                 |                                |                                     |  |
| Larus hemprichii   |                |                                 |                                |                                     |  |
| Larus leucophthalmus                                       |                |                                 |                                |                                     |  |
| Larus ichthyaetus  |                |                                 |                                |                                     |  |
| (West Eurasian and African population)                     |                |                                 |                                |                                     |  |
| Larus melanocephalus                                       |                |                                 |                                |                                     |  |
| Larus genei  |                |                                 |                                |                                     |  |
| Larus audouinii  |                |                                 |                                |                                     |  |
| Larus armenicus  |                |                                 |                                |                                     |  |
| Sterna nilotica nilotica                                   |                |                                 |                                |                                     |  |
| (West Eurasian and African populations)                    |                |                                 |                                |                                     |  |
| Sterna caspia  |                |                                 |                                |                                     |  |
| (West Eurasian and African populations)                    |                |                                 |                                |                                     |  |
| Sterna maxima albidorsalis                                 |                |                                 |                                |                                     |  |
| Sterna bergii<br>(African and Southwest Asian populations) |                |                                 |                                |                                     |  |
| Sterna bengalensis   |                |                                 |                                |                                     |  |
| (African and Southwest Asian populations)                  |                |                                 |                                |                                     |  |
| Sterna sandvicensis sandvicensis                           |                |                                 |                                |                                     |  |
| Sterna dougallii   |                |                                 |                                |                                     |  |
| (Atlantic population)                                      |                |                                 |                                |                                     |  |
| Sterna hirundo hirundo                                     |                |                                 |                                |                                     |  |
| (populations breeding in the Western Palearctic)           |                |                                 |                                |                                     |  |
| Sterna paradisaea  |                |                                 |                                |                                     |  |
| (Atlantic populations)                                     |                |                                 |                                |                                     |  |
| Sterna albifrons   |                |                                 |                                |                                     |  |
| Sterna saundersi   |                |                                 |                                |                                     |  |
| Sterna balaenarum  |                |                                 |                                |                                     |  |
| Sterna repressa  |                |                                 |                                |                                     |  |
| Chlidonias niger niger                                     |                |                                 |                                |                                     |  |
| Chlidonias leucopterus                                     |                |                                 |                                |                                     |  |
| (West Eurasian and African population)                     |                |                                 |                                |                                     |  |
| Strontonalia tuntur tuntur                                 |                | BIFORMES                        |                                |                                     |  |
| Streptopelia turtur turtur                                 |                |                                 |                                |                                     |  |

#### CORACIIFORMES

| Species                           | Denes          | Endin of at            | N                 | Derblichend dieterbertien           |  |
|-----------------------------------|----------------|------------------------|-------------------|-------------------------------------|--|
| Species                           | Range<br>State | Extinct at<br>National | No<br>information | Published distribution<br>reference |  |
|                                   | State          | level                  | available         | rererence                           |  |
| Merops apiaster                   |                |                        |                   |                                     |  |
| Coracias garrulus                 |                |                        |                   |                                     |  |
|                                   | PSITTA         | CIFORMES               |                   |                                     |  |
| Amazona tucumana                  |                |                        |                   |                                     |  |
|                                   |                |                        |                   |                                     |  |
|                                   |                | RIFORMES               |                   |                                     |  |
| Hirundo atrocaerulea              |                |                        |                   |                                     |  |
| Pseudocolopteryx dinellianus      |                |                        |                   |                                     |  |
| Polystictus pectoralis pectoralis |                |                        |                   |                                     |  |
| Sporophila ruficollis             |                |                        |                   |                                     |  |
| Acrocephalus paludicola           |                |                        |                   |                                     |  |
|                                   | TEST           | JDINATA                |                   |                                     |  |
| Chelonia depressa                 |                |                        |                   |                                     |  |
| Chelonia mydas                    |                |                        |                   |                                     |  |
| Caretta caretta                   |                |                        |                   |                                     |  |
| Eretmochelys imbricata            |                |                        |                   |                                     |  |
| Lepidochelys kempii               |                |                        |                   |                                     |  |
| Lepidochelys olivacea             |                |                        |                   |                                     |  |
| Dermochelys coriacea              |                |                        |                   |                                     |  |
| Podocnemis expansa                |                |                        |                   |                                     |  |
|                                   | CROC           | CODYLIA                |                   |                                     |  |
| Crocodylus porosus                |                |                        |                   |                                     |  |
|                                   | ACIPENS        | ERIFORMES              | 1                 |                                     |  |
| Huso huso                         |                |                        |                   |                                     |  |
| Huso dauricus                     |                |                        |                   |                                     |  |
| Acipenser baerii baicalensis      |                |                        |                   |                                     |  |
| Acipenser fulvescens              |                |                        |                   |                                     |  |
| Acipenser gueldenstaedtii         |                |                        |                   |                                     |  |
| Acipenser medirostris             |                |                        |                   |                                     |  |
| Acipenser mikadoi                 |                |                        |                   |                                     |  |
| Acipenser naccarii                |                |                        |                   |                                     |  |
| Acipenser nudiventris             |                |                        |                   |                                     |  |
| Acipenser persicus                |                |                        |                   |                                     |  |
| Acipenser ruthenus                |                |                        |                   |                                     |  |
| (Danube population)               |                |                        |                   |                                     |  |
| Acipenser schrenckii              |                |                        |                   |                                     |  |
| Acipenser sinensis                |                |                        |                   |                                     |  |
| Acipenser stellatus               |                |                        |                   |                                     |  |
| Acipenser sturio                  |                |                        |                   |                                     |  |
| Pseudoscaphirhynchus kaufmanni    |                |                        |                   |                                     |  |
| Pseudoscaphirhynchus hermanni     |                |                        |                   |                                     |  |
| Pseudoscaphirhynchus fedtschenkoi |                |                        |                   |                                     |  |
| Psephurus gladius                 |                |                        |                   |                                     |  |
| ORECTOLOBIFORMES                  |                |                        |                   |                                     |  |
| Rhincodon typus                   |                |                        |                   |                                     |  |
|                                   | I<br>I AMN     | IFORMES                |                   |                                     |  |
| Carcharodon carcharias            |                |                        |                   |                                     |  |
|                                   |                |                        |                   |                                     |  |
|                                   | -              |                        |                   |                                     |  |
| Danaus plexippus                  |                | OPTERA                 |                   |                                     |  |

All species of each of the Families below are listed in Appendix II. If your country is a Range State for any of the species in these Families, please enter the species name in the first column, under the relevant Family heading. Please indicate (with a 'X') whether your country is a Range State or the species is extinct and, where appropriate, please provide published distribution references. (Space is provided for ten species in each Family. If additional lines are required, please attach the information as an annex).

| Species     | Range State                             | Extinct        | Published distribution reference |  |  |  |  |  |
|-------------|---|----------------|----------------------------------|--|--|--|--|--|
|             | Order FALCONIFORMES, Family Cathartidae |                |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Order FALCONI                           | FORMES, Famil  | y Accipitridae                   |  |  |  |  |  |
| Buzzard spp | X Range State                           | Extinct        | Birds of Pakistan by T.J Roberts |  |  |  |  |  |
| Hawk spp    | X Range State                           | Extinct        | Birds of Pakistan by T.J Roberts |  |  |  |  |  |
| Kite spp    | X Range State                           | Extinct        | Birds of Pakistan by T.J Roberts |  |  |  |  |  |
| Vulture spp | X Range State                           | Extinct        | Birds of Pakistan by T.J Roberts |  |  |  |  |  |
| Eagle spp   | X Range State                           | Extinct        | Birds of Pakistan by T.J Roberts |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Order FALCON                            | IFORMES , Fami | ly Falconidae                    |  |  |  |  |  |
| Kestrel spp | X Range State                           | Extinct        | Birds of Pakistan by T.J Roberts |  |  |  |  |  |
| Hobby spp   | X Range State                           | Extinct        | Birds of Pakistan by T.J Roberts |  |  |  |  |  |
| Falcon spp  | X Range State                           | Extinct        | Birds of Pakistan by T.J Roberts |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | Range State                             | Extinct        |                                  |  |  |  |  |  |
|             | □ Range State                           | Extinct        |                                  |  |  |  |  |  |
|             | Order PASSERIF                          | ORMES, Family  | Muscicapidae                     |  |  |  |  |  |
|             | Range State                             | Extinct 🗌      |                                  |  |  |  |  |  |

| Range State   | Extinct |  |
|---------------|---------|--|
| Range State   | Extinct |  |
| Range State   | Extinct |  |
| □ Range State | Extinct |  |
| Range State   | Extinct |  |
| Range State   | Extinct |  |
| Range State   | Extinct |  |
| Range State   | Extinct |  |
| □ Range State | Extinct |  |