

Convention on the Conservation of Migratory Species of Wild Animals



Format for reports of Parties on implementation of the Convention on the Conservation of Migratory Species of Wild Animals (revision of June 2003)

Reporting format agreed by the Standing Committee at its 26th Meeting (Bonn, June 2003) for mandatory use by Parties, for reports submitted to the Eighth Meeting of the Conference of the Parties (COP8) (Nairobi, 2005).

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), as well as commitments arising from other operational Resolutions and Recommendations of the Conference of the Parties.

<u>Please refer to the separate instructions on completing the report</u>. Parties are encouraged to respond to all questions, since it cannot be assumed that the absence of a response indicates that no activities taken have place in the current reporting period. 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.

Which agency has been primarily responsible for the preparation of this report?

National Council for Conservation of Wildlife, Ministry of Environment.

List any other agencies that have provided input:

I(a). General Information

Please complete any unfilled boxes and amend and/or update as appropriate the information provided in the table below:

Reports submitted:	2002
Period covered by this report:	2002 to 2005
Date of entry into force of the Convention in Pakistan:	1 December 1987
Territory to which the Convention applies:	Islamic Republic of Pakistan
Reservations (against species listings):	None
Designated Focal Point:	Appointment to the Scientific Council:
Inspector General Forests Ministry of Environment,	Mr. Umeed Khalid, Conservator (Wildlife)
2 nd Floor, CDA Block # 4, Civic Centre, Old Naval HQ,	National Council for Conservation of Wildlife (NCCW)
Islamabad	Ministry of Environment.
Pakistan	14-D, F-8 Markaz,
	Islamabad,
Tel.: (+92 51) 920 3726	Pakistan
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E-mail: wani48@hotmail.com	Fax. 0092 51 9202211
	E-mail: nccw@isb.paknet.com.pk
Membership of the Standing Committee:	Inspector General Forests
	Ministry of Environment.

Competent authority:	Inspector General Forests Ministry of Environment.
Implementing legislation:	Conservation of migratory species is done through provincial wildlife laws because wildlife conservation is a provincial subject.
Other relevant conventions/agreements (apart from CMS) to	Convention on Wetlands 1971 ("Ramsar Convention")
which Pakistan is a Party:	Convention for the Protection of the World Cultural and Natural Heritage 1972 ("World Heritage Convention")
	Convention on International Trade in Endangered Species of Wild Fauna and Flora 1973 (CITES)
	United Nations Framework Convention on Climate Change 1992 ("Climate Change Convention")
	Convention on Biological Diversity 1992 (CBD)
	Convention to Combat Desertification in those Countries Experiencing Serious Drought and/or Desertification, particularly in Africa 1994
National policy instruments (e.g. national biodiversity	National Conservation Strategy (NCS)
conservation strategy, etc.):	Biodiversity Action Plan (BAP)
	Forest Policy
	Provincial Conservation Strategies
	Provincial BAPs (in progress)
Marine Turtle MoU - Indian Ocean / South-East Asia: x Sign	natory Non-signatory
Competent national authority	Dr. Bashir Ahmad Wani Inspector General of Forests
	Tel.: 0092 51 9203726 Fax: 0092 51 9202142 E-mail: wani48@hotmail.com
Siberian Crane MoU: x Signatory	
Competent authority	Dr. Bashir Ahmad Wani Inspector General of Forests.
	Tel.: 0092 51 9203726 Fax: 0092 51 9202142 E-mail: wani48@hotmail.com

I(b). Additional General Information

Which other government departments are involved in activities/initiatives for the conservation of migratory species in your country? (Please list.)

Wildlife conservation is a provincial subject in Pakistan. All field-oriented conservation activities are carried out by the Provincial Wildlife Departments. (Four provinces, AJK, and Northern Areas). These include:

- Punjab Parks and Wildlife Department;
- Sindh Wildlife Department;
- NWFP Wildlife Department;
- Balochistan Forest Department;
- Northern Areas Forest Department; and
- Tourism, Wildlife, Archeology and Fisheries (TWAF) Department, AJK.

1a	If more than one government department is involved, describe the interaction/relationship between these government departments:
	NCCW is acting as coordinating agency for liaison.
2	List the main non-governmental organizations actively involved in initiatives for the conservation of migratory species in your country, and describe their involvement:
	• IUCN.
	• WWF.
	Houbara Foundation International.
	Falcon Foundation International.
3	Describe any involvement of the private sector in the conservation of migratory species in your country:
	Private sector have initiated a number of activities like aforestation etc.
4	Note any interactions between these sectors in the conservation of migratory species in your country:
	Federal and Provincial Governments in collaboration with the renowned NGOs are implementing a number of projects for conservation of migratory species.

II. Appendix I species

1. BIRDS

1.1 General questions on Appendix I bird species

1	Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I bird species:
	The responsible agency at Federal level is NCCW but field-related initiatives are undertaken by the provinces.
2	Is the taking of all Appendix I bird species prohibited by the national implementing legislation cited in Table I(a) (General Information)?
	If <i>other</i> legislation is relevant, please provide details:
2a	If the taking of Appendix I bird species 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)):
3	Identify any obstacles to migration that exist in relation to Appendix I bird species:
	Due to the drought in the past, wintering habitats for the migratory waterbird species have reduced.
3a	What actions are being undertaken to overcome these obstacles?
	NCCW, with the help of a GEF-funded Pakistan Wetlands Project, is trying to update the inventory of wetlands, especially in northwest alpine areas of the country.
3b	What assistance, if any, does your country require in order to overcome these obstacles?
	Technical and financial assistance.
4	What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger bird species, including strictly controlling the introduction of, or controlling or eliminating, already introduced exotic species (Article III(4)(c))?
	Endangered species are given legal protection. The introduction of exotic species is not a serious problem.
4a	Describe any factors that may limit action being taken in this regard:
	Financial and technical constraints.
4b	What assistance, if any, does your country require to overcome these factors?
	CMS may include Pakistan in regional projects, such as the initiative for the conservation of the Siberian crane <i>Grus leucogeranus</i> and other endangered species of cranes.

1.2 Questions on specific Appendix I bird species

The following section contains a table for 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.)

Spe	Species Haliaeetus albicilla – Common Name(s) White-tailed Eagle		
1	Is your country a Range State for this species?	⊠ Yes □ No	
2	Please provide published distribution reference:		
	Roberts, T.J. The Birds of Pakistan. 1991.		
3	Summarise information on population size, trends and distribution (if known):		
	There is no record of recent sightings. It reportedly winters on the Indus plains.		

4	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
	x Species protection
	☐ Species restoration
	Habitat protection
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
	There is a lack of data due to the lack of technical expertise in surveying raptors.
6	Describe any future activities that are planned for this species:
	It casually winters in Pakistan. Training of field staff may help to obtain recent data on the species.
Spe	cies Aquila clanga – Common Name(s) Greater Spotted Eagle
1	Is your country a Range State for this species? x Yes No
2	Please provide published distribution reference:
	Roberts, T.J., The Birds of Pakistan. 1991.
3	Summarise information on population size, trends and distribution (if known):
	No authentic data is available.
4	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
	Monitoring
	x Species protection
	☐ Species restoration
	Habitat protection
	☐ Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
	Lack of data and technical expertise.
6	Describe any future activities that are planned for this species:
	Training of field staff is the most essential activity to be carried out. CMS can help Pakistan in this regard.
Spe	cies Aquila heliaca – Common Name(s) Imperial Eagle
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
	Roberts, T.J., The Birds of Pakistan. 1991.
3	Summarise information on population size, trends and distribution (if known):
	No authentic data is available. However its status is scarce.

4	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
	—
	x Species protection
	Species restoration
	Habitat protection
	Habitat restoration
	☐ Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
	Lack of technical and financial resources.
6	Describe any future activities that are planned for this species:
	Data collection.
Spec	cies Falco naumanni – Common Name(s) Lesser Kestrel
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
	Roberts, T.J. The Birds of Pakistan. 1991.
3	Summarise information on population size, trends and distribution (if known):
	A rare straggler to Pakistan, with the status of vagrant.
4	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
	Monitoring Monitoring
	x Species protection
	☐ Species restoration
	Habitat protection
	Habitat restoration
	☐ Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
	Lack of data.
6	Describe any future activities that are planned for this species:
	Collection of data.
Spec	cies Grus leucogeranus – Common Name(s) Siberian Crane
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
	Roberts, T.J. The Birds of Pakistan. 1991.
_	ZSD. Cranes of Pakistan.
3	Summarise information on population size, trends and distribution (if known):
	There is no authenticated record of recent sightings in Pakistan. However, it is believed that Siberian cranes pass through Pakistan on their way to India and on their return to the breeding grounds. The population is alarmingly low.

4	reporting period. (Please provide the title of the project and contact details, where available.)
	Research
	x Species protection
	☐ Species restoration
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
	N/a.
6	Describe any future activities that are planned for this species:
	Public education, data collection and research. The Pakistan Wetlands Project will address such issues in detail.
Spec	cies Anser erythropus – Common Name(s) Lesser White-fronted Goose
1	Is your country a Range State for this species?
	There is no record of recent sightings of this species.
2	Please provide published distribution reference:
3	Summarise information on population size, trends and distribution (if known):
4	
4	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
	x Monitoring
	☐ Species protection
	☐ Species restoration
	Habitat protection
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
Spec	cies Marmaronetta angustirostris – Common Name(s) Marbled Teal
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
	Roberts, T.J. The Birds of Pakistan. 1991.
3	Summarise information on population size, trends and distribution (if known):
	This species is declining due to habitat loss and other ecological factors. An estimated population of 5,000 birds is wintering in Pakistan. In some parts of the country there are few records of its breeding, i.e. in Sindh and Punjab provinces.

4	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.)
	x Research
	x Species protection
	☐ Species restoration
	☐ Habitat protection
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
	Since the species has not been recorded in Pakistan for a long time, it might have changed its route.
6	Describe any future activities that are planned for this species:
	Data collection and research.
Spec	cies Aythya nyroca – Common Name(s) Ferruginous Pochard, Ferruginous Duck
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
	Roberts, T.J. The Birds of Pakistan. 1991.
3	Summarise information on population size, trends and distribution (if known):
	The estimated total wintering population is 2,000. This species is declining in Sindh and Punjab.
4	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
	☐ Species protection
	☐ Species restoration
	☐ Habitat protection
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
	Data collection. The Pakistan Wetlands Project will address all conservation issues.
Spec	cies Oxyura leucocephala - Common Name(s) White-headed Duck
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
	Roberts, T.J. The Birds of Pakistan. 1991.
3	Summarise information on population size, trends and distribution (if known):
	This species is rapidly declining, despite the protection of its wintering habitat. Wetlands International is conducting a study of it and the results are awaited. It visits the Ucchali Complex (Ramsar site) in the Salt Range of Punjab.

4	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
	x Species protection
	☐ Species restoration
	Habitat restoration
	X Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
	The wintering habitat of this species is included in the sites where Pakistan Wetlands Project is being implemented.
Spec	cies Pelecanus crispus – Common Name(s) Dalmatian Pelican
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
	Roberts, T.J., The Birds of Pakistan. 1991.
3	Summarise information on population size, trends and distribution (if known):
	The wintering population is declining. It mainly winters in Sindh and Balochistan.
4	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
	Monitoring Monitoring
	x Species protection
	☐ Species restoration
	Habitat protection
	Habitat restoration
	☐ Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
	Data collection and habitat restoration. The Pakistan Wetland Project will address all conservation issues for this important species.
<i>a</i>	
Spec	cies Pelecanus onocrotalus – Common Name(s) White Pelican
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
	Roberts, T.J. The Birds of Pakistan. 1991.
3	Summarise information on population size, trends and distribution (if known):
	The population is declining.

4	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
	x Species protection
	☐ Species restoration
	Habitat protection
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
	Data collection and habitat restoration.
Spec	cies Vanellus gregarius – Common Name(s) Sociable Plover
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
	Roberts, T.J. The Birds of Pakistan. 1991.
3	Summarise information on population size, trends and distribution (if known):
	A very rare wintering species.
4	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
	Monitoring
	Species protection
	Species restoration
	Habitat protection
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
	Data collection.
	have information indicating that your country should be considered a Range State for any other bird species that is in CMS Appendix I, but which is not included in the tables above, please complete a table (provided below) for each es.
Spec	cies name, Common Name(s):
1	Please provide published distribution reference:
2	Summarise information on population size, trends and distribution (if known):
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

	☐ Monitoring
	☐ Species protection
	☐ 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:
Miso	cellaneous information or comments on Appendix I birds in general:

2. MARINE MAMMALS

2.1 General questions on Appendix I marine mammals

1	Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed marine mammals:	
	• Ministry of Environment.	
	• Marine Fisheries Department.	
	National Institute of Oceanography.	
2	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:	
2a	If the taking of Appendix I marine mammals is prohibited by law, have any exceptions Yes No	
Za	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 marine mammals:	
	• There is insufficient data.	
	Lack of technical/financial resources.	
	• Heavy oil tanker traffic from Gulf countries is considered to be major obstacle. However, study is required.	
	• Offshore oil/gas exploration activities may be a threat for marine mammals.	
3a	What actions are being undertaken to overcome these obstacles?	
	National Institute of Oceanography is being strengthened to study the marine environment in detail and to assess the ecological impact of the developmental activities.	
3b	What assistance, if any, does your country require in order to overcome these obstacles?	
	Pakistan should be part of a regional study or project. Pakistan lacks the specialised vessels needed to conduct the necessary studies.	
4	What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine mammal, including strictly controlling the introduction of, or controlling or eliminating, already introduced exotic species (Article III(4)(c))?	
	There does not seem to be a problem with the introduction of exotic species.	
4a	Describe any factors that may limit action being taken in this regard:	
	Lack of financial and technical resources.	
4b	What assistance, if any, does your country require to overcome these factors?	
	Financial and technical capacity building.	

2.2 Questions on specific Appendix I marine mammals

The following section contains a table for 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.)

Species Balaenoptera musculus – Common Name(s) Blue Whale

1	Is your country a Range State for this species?	⊠ Yes	☐ No
2	Please provide published distribution reference:		
	Roberts, T.J. The Mammals of Pakistan.		
3	Summarise information on population size, trends and distribution (if known):		
	It is casually sighted during and after the monsoon season.		
4	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 Monitoring x Species protection □ Species restoration □ Habitat protection		ies in the
	Habitat restoration		
	Other		
5	If no activities have been carried out for this species in the reporting period, what has prev	vented such act	ion being taken?
	Lack of sensitisation and a lack of financial and technical resources.		
6	Describe any future activities that are planned for this species:		
	Data collection.		
Spec	cies Megaptera novaeangliae – Common Name(s) Humpback Whale		
1	Is your country a Range State for this species?	☐ Yes	⊠ No
	There is no recent record of its sighting in Pakistan.		
2	Please provide published distribution reference:		
3	Summarise information on population size, trends and distribution (if known):		
5	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 Monitoring Species protection Species restoration Habitat protection Habitat restoration Other If no activities have been carried out for this species in the reporting period, what has preventing the provided service of the project and contact details, where available to the project and contact details and the project and contact details, where available to the project and contact details, where available to the project and contact details, where available to the project and contact details are project and contact details and contact details are project and contact details are	ble.)	
6	Describe any future activities that are planned for this species:		
Spec	cies Balaenoptera physalus – Common Name(s) Common Rorqual; Fin Whale; Finba	ıck; Fin-backed	Whale
1	Is your country a Range State for this species?	Yes	x No
2	Please provide published distribution reference:		
3	Summarise information on population size, trends and distribution (if known):		

4	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
	☐ Monitoring
	☐ Species protection
	☐ Species restoration
	Habitat protection
	☐ Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
	have information indicating that your country should be considered a Range State for any other marine mammal is that is listed in CMS Appendix I, but which is <u>not</u> included in the tables above, please complete a table (provided
) for each species.
Sna	cies name, Common name(s):
-	
1	Please provide published distribution reference:
2	Summarise information on population size, trends and distribution (if known):
3	Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the
5	reporting period. (Please provide the title of the project and contact details, where available):
	Research
	☐ Monitoring
	☐ Species protection
	☐ 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:
5	Describe any future activities that are plained for this species.
Misc	rellaneous information or comments on Appendix I marine mammals in general:

3 MARINE TURTLES

3.1 General questions on Appendix I marine turtles

1	Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed marine turtles:
	Ministry of Environment.
	Zoological Survey Department.
	• Sindh Wildlife Department.
	Balochistan Forest and Wildlife Department.
2	Is the taking of all Appendix I marine turtles prohibited by the national implementing Yes No legislation cited in Table I(a) (General Information)? If <i>other</i> legislation is relevant, please provide details:
2a	If the taking of Appendix I marine turtles is prohibited by law, have any exceptions Uses 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)):
3	Identify any obstacles to migration that exist in relation to Appendix I marine turtles:
	Heavy traffic of ships and oil tankers, fishing trawlers and oil/gas exploration activities may affect the turtle migration. However, no study in this regard has been carried out.
3a	What actions are being undertaken to overcome these obstacles?
	Studies will be initiated in this regard.
3b	What assistance, if any, does your country require in order to overcome these obstacles?
	A study may be carried out.
	Pakistan should be included in regional studies on marine turtles.
4	What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine turtles, including strictly controlling the introduction of, or controlling or eliminating, already introduced exotic species (Article III(4)(c))?
	There is no problem as regards exotic species. Marine turtles visiting the coastline of Sindh and Balochistan are protected by law.
4a	Describe any factors that may limit action being taken in this regard:
_	Pollution and disturbance are the main factors.
4b	What assistance, if any, does your country require to overcome these factors?
	Financial and technical assistance.

3.2 Questions on specific Appendix I marine turtles

The following section contains a table for 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.)

Spec	cies Chelonia mydas – Common Name(s) Green Turtle	
1	Is your country a Range State for this species?	⊠ Yes □ No

2	Please provide published distribution reference:
	Publications of Sindh Wildlife Department.
3	Summarise information on population size, trends and distribution (if known):
	Insufficient data: no authentic data is available. However visiting females are being tagged.
4	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
	Monitoring Monitoring
	x Species protection
	☐ Species restoration
	Habitat protection
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
	Financial and technical constraints.
6	Describe any future activities that are planned for this species:
	Radio-telemetry may provide facts about the migration pattern and other information.
Spec	cies Caretta caretta – Common Name(s) Loggerhead Turtle
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
3	Summarise information on population size, trends and distribution (if known):
4	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
	Monitoring Monitoring
	Species protection
	Species restoration
	Habitat protection
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
Snei	cies Eretmochelys imbricata – Common Name(s) Hawksbill Turtle
1	Is your country a Range State for this species? Yes No
2	Please provide published distribution reference:
3	Summarise information on population size, trends and distribution (if known):

4	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
	☐ Monitoring
	Species protection
	Species restoration
	Habitat protection
	Habitat restoration
	Other
5	_
3	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
Spec	cies Lepidochelys olivacea – Common Name(s) Ridley Turtle, Olive Ridley Turtle
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
	Publications of the Sindh Wildlife Department.
3	Summarise information on population size, trends and distribution (if known):
	No data is available.
4	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
	Monitoring Monitoring
	x Species protection
	☐ Species restoration
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
	Lack of financial and technical capacity.
6	Describe any future activities that are planned for this species:
	As part of the Pakistan Wetlands Project, satellite tracking will be used to determine the movement of turtles.
Spec	cies Dermochelys coriacea – Common Name(s) Leatherback Turtle, Leathery Turtle
1	Is your country a Range State for this species?
2	Please provide published distribution reference:
3	Summarise information on population size, trends and distribution (if known):
4	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 Monitoring

	☐ Species protection
	☐ Species restoration
	Habitat protection
	Habitat restoration
	Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
specie	have information indicating that your country should be considered a Range State for any other marine turtle es that is listed in CMS Appendix I, but which is <u>not</u> included in the tables above, please complete a table (provided of for each species.
Spec	cies name, Common name(s):
1	Please provide published distribution reference:
2	Summarise information on population size, trends and distribution (if known):
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 Monitoring Species protection 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?
Misc	cellaneous information or comments on Appendix I marine turtles in general:

4. TERRESTRIAL MAMMALS (OTHER THAN BATS)

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

1	Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed terrestrial mammals (other than bats):
	Ministry of Environment.
2	Is the taking of all Appendix I terrestrial mammals (other than bats) prohibited by the national implementing legislation cited in Table I(a) (General Information)? If <i>other</i> legislation is relevant, please provide details:
	Harvesting of mammals is prohibited, except where exceptions are specifically permitted.
2a	If the taking of Appendix I terrestrial mammals (other than bats) is prohibited by Yes No No No
	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 terrestrial mammals (other than bats):
	Fencing at the international border with India.
3a	What actions are being undertaken to overcome these obstacles?
	None.
3b	What assistance, if any, does your country require in order to overcome these obstacles?
	Data collection is important.
4	What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of terrestrial mammal (other than bats), including strictly controlling the introduction of, or controlling or eliminating, already introduced exotic species (Article III(4)(c))?
	These species are protection under provincial wildlife legislation.
4a	Describe any factors which limit action being taken in this regard:
	Technical and financial constraints.
4b	What assistance, if any, does your country require to overcome these factors?
	Regional consultation and collaborative research.

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

The following section contains a table for 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	cies Uncia uncia – Common Name(s) Snow Leopard		
1	Is your country a Range State for this species?	⊠ Yes	☐ No
2	Please provide published distribution reference:		
	Roberts, T.J. The Mammals of Pakistan. 1997.		
3	Summarise information on population size, trends and distribution (if known):		
	No authentic data is available and there are differing reports.		

4	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.)
	x Research
	x Species protection
	☐ Species restoration
	x Habitat restoration
	☐ Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
	NA
6	Describe any future activities that are planned for this species?
	Raising public awareness.
	Data collection.
	ISLT, in collaboration with WWF-Pakistan, is working on conservation-related issues.
	Recently another NGO, Snow Leopard Conservancy has started monitoring of snow leopard population in Pakistan.
mamı	n have information indicating that your country should be considered a Range State for any other terrestrial mal species (other than bats) that is listed in CMS Appendix I, but which is <u>not</u> included in the tables above, please elete a table (provided below) for each species.
Spec	cies name, Common name(s):
1	Please provide published distribution reference:
2	Summarise information on population size, trends and distribution (if known):
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
	☐ Monitoring
	☐ Species protection
	☐ 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:
	<u> </u>
Misc	cellaneous information or comments on Appendix I terrestrial mammals (other than bats) in general:
1	

5 BATS

5.1 General questions on Appendix I bats

1	Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed bats: N/a
2	Is the taking of all Appendix I bats prohibited by the national implementing Legislation cited in Table I(a) (General Information)? If other legislation is relevant, please provide details:
2a	If the taking of Appendix I bats 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 bats:
3a	What actions are being undertaken to overcome these obstacles?
3b	What assistance, if any, does your country require in order to overcome these obstacles?
4	What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of bats, including strictly controlling the introduction of, or controlling or eliminating, already introduced exotic species (Article III(4)(c))?
4a	Describe any factors that may limit action being taken in this regard:
4b	What assistance, if any, does your country require to overcome these factors?

5.2 Questions on specific Appendix I bat species

If you have information indicating that your country should be considered a Range State for any bat species that is listed in CMS Appendix I, please complete a table (provided below) for each species.

Spec	cies name, Common name(s):
1	Please provide published distribution reference:
2	Summarise information on population size, trends and distribution (if known):
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
	☐ Monitoring
	☐ Species protection
	☐ Species restoration
	Habitat protection

Habitat restoration
☐ Other
If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
Describe any future activities that are planned for this species?
rellaneous information or comments on Appendix I bats in general:

OTHER TAXA 6

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:
	Ministry of Environment.
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 <i>other</i> 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:
	Insufficient data.
3a	What actions are being undertaken to overcome these obstacles?
3b	What assistance, if any, does your country require in order to overcome these obstacles?
	Pakistan needs assistance to carry out detailed studies of migratory species.
4	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, including strictly controlling the introduction of, or controlling or eliminating, already introduced exotic species (Article III(4)(c))?
4a	Describe any factors that may limit action being taken in this regard:
	Technical expertise.
4b	What assistance, if any, does your country require to overcome these factors?
	Pakistan may be included in the regional studies.
which in sun	6.2 Questions on specific Appendix I species belonging to other taxa ollowing section contains a table for each Appendix I species belonging to taxa not included in sections 1-5 above, for a your country is considered to be a Range State. Please complete each table as appropriate, providing information and the appropriate, please cross-reference to information already provided in national reports that been submitted under other conventions (e.g. Convention on Biological Diversity, Ramsar Convention, CITES).
	ch annexes as necessary.)
Spec	cies Gavialis gangeticus – Common Name(s) Gharial, Indian Gavial
1	Is your country a Range State for this species?
	Garials are now extinct in Pakistan.
2	Please provide published distribution reference:

3	Summarise information on population size, trends and distribution (if known):
4	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
	☐ Monitoring
	☐ Species protection
	☐ Species restoration
	☐ Habitat protection
	☐ Habitat restoration
	X Other
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
6	Describe any future activities that are planned for this species:
	Captive breeding and a reintroduction programme are planned. Pakistan Wetlands Project will look into the possibility of reintroduction of this species in suitable habitat.
	have information indicating that your country should be considered a Range State for any <u>other</u> Appendix I listed s that belongs to taxa not included in sections 1-5 above, please complete a table (provided below) for each species.
Spec	cies name, Common name(s):
1	Please provide published distribution reference:
2	Summarise information on population size, trends and distribution (if known):
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
	☐ Monitoring
	Species protection
	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?
Misc	ellaneous information or comments on Appendix I species that belong to taxa not included in sections 1-5 above:

7 LISTING OF OTHER ENDANGERED MIGRATORY SPECIES IN APPENDIX I

1	Is your country a Range State for any other endangered migratory species	Yes	☐ No
	Not currently listed in Appendix I?		
	If Yes, please provide details:		
1a	Is your country taking any steps to propose listing any of these species?	Yes	☐ No
	If Yes, please provide details:		
1b	What assistance, if any, does your country require to initiate the listing of these species?		

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 each of the Agreement/MoUs to which your country is a Party.

	21		
MA	RINE TURTL	ES – INDIAN OCEA	N / SOUTHEAST ASIA MoU (2001)
Date	e of last report:	2004	Period covered:
SIB	ERIAN CRAN	E MoU (1993/1999)	
Date	e of last report:	22 July 2000	Period covered: 1999-2000
	2.1	2. Questions on C	QUESTIONS ON CMS AGREEMENTS the development of new MS Agreements relating to birds
1	CMS Agreeme conservation n		•
2	of any CMS A the conservation If Yes, please	greements, including I on needs of Appendix provide details:	our country participated in the development x Yes No Memoranda of Understanding, which address II bird species? ara bustard will be part of MoU which has been drafted Royal Kingdom of Saudi
3	If your country what assistance		ticipating in the development of an Agreement or Memorandum of Understanding, untry require in order to initiate or participate in the instrument's development? amined.

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

The Saudi Arabian Government has circulated a Memorandum of Understanding for the Houbara Bustard, Chlamydotis

X Yes ☐ No

Is the development of any CMS Agreement for birds, including Memoranda of

undulata. Pakistan will support the regional initiative of this species if any MoU is finalized.

Understanding, planned by your country in the foreseeable future?

If Yes, please provide details:

1	In the current reporting period, has your country initiated the development of any CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II marine mammal species? If Yes, what is the current state of development?
2	In the current reporting period, has your country participated in the development of any CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II marine mammal species? If Yes, please provide details: Pakistan is expected to attend the process initiated for conservation of Dugong and will be part of any agreement when finalized.
3	If your country has initiated or is participating in the development of an 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 mammals, including Memoranda of Understanding, planned by your country in the foreseeable future?
	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 initiated the development of any CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II marine turtles?
	If Yes, what is the current state of development?
	Pakistan is expected to sign the Memorandum of Understanding on the Conservation and Management of Dugong and their Habitats.
2	In the current reporting period, has your country participated in the development of any CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II marine turtles? If Yes, please provide details:
	Pakistan has signed IOSEA Marine Turtle MoU.
3	If your country has initiated or is participating in the development of an 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 Memoranda of Understanding, planned by your country in the foreseeable future? If Yes, please provide details: Pakistan has signed IOSEA Marine Turtle MoU.
	Takistan nas signed 100L/1 Waitine Turbe 1000.
	2.4 Questions on the development of new CMS Agreements relating to terrestrial mammals (other than bats)
1	2.4 Questions on the development of new CMS Agreements relating to terrestrial
2	2.4 Questions on the development of new CMS Agreements relating to terrestrial mammals (other than bats) In the current reporting period, has your country initiated the development of any CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II terrestrial mammal species (other than bats)?
2 3	2.4 Questions on the development of new CMS Agreements relating to terrestrial mammals (other than bats) In the current reporting period, has your country initiated the development of any 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? In the current reporting period, has your country participated in the development of any CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II terrestrial mammal species (other than bats)? If Yes, please provide details: If your country has initiated or is participating in the development of an Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development?
	2.4 Questions on the development of new CMS Agreements relating to terrestrial mammals (other than bats) In the current reporting period, has your country initiated the development of any 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? In the current reporting period, has your country participated in the development of any CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II terrestrial mammal species (other than bats)? If Yes, please provide details: If your country has initiated or is participating in the development of an Agreement or Memorandum of Understanding,
3	2.4 Questions on the development of new CMS Agreements relating to terrestrial mammals (other than bats) In the current reporting period, has your country initiated the development of any 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? In the current reporting period, has your country participated in the development of any CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II terrestrial mammal species (other than bats)? If Yes, please provide details: If your country has initiated or is participating in the development of an Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development? Not at present. Is the development of any CMS Agreement for terrestrial mammals (other than bats),
3	2.4 Questions on the development of new CMS Agreements relating to terrestrial mammals (other than bats) In the current reporting period, has your country initiated the development of any 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? In the current reporting period, has your country participated in the development of any CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II terrestrial mammal species (other than bats)? If Yes, please provide details: If your country has initiated or is participating in the development of an Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development? Not at present. Is the development of any CMS Agreement for terrestrial mammals (other than bats),
3	2.4 Questions on the development of new CMS Agreements relating to terrestrial mammals (other than bats) In the current reporting period, has your country initiated the development of any 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? In the current reporting period, has your country participated in the development X Yes No of any CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II terrestrial mammal species (other than bats)? If Yes, please provide details: If your country has initiated or is participating in the development of an Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development? Not at present. Is the development of any CMS Agreement for terrestrial mammals (other than bats), Yes No Including Memoranda of Understanding, planned by your country in the foreseeable future? If Yes, please provide details: 2.5 Questions on the development of new CMS Agreements relating to bats In the current reporting period, has your country initiated the development of any Yes No CMS Agreements, including Memoranda of Understanding, to address the

	the conservation needs of Appendix II bat species?
	If Yes, please provide details:
3	If your country has initiated or is participating in the development of an 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 bats, including Memoranda of Understanding, planned by your country in the future? If Yes, please provide details:
	2.6 Questions on the development of new CMS Agreements relating to other taxa
1	In the current reporting period, has your country initiated the development of any CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II species belonging to taxa not included in sections 1-6 above? If Yes, what is the current state of development?
2	In the current reporting period, has your country participated in the development of any CMS Agreements, including Memoranda of Understanding, which address the conservation needs of species belonging to taxa not included in sections 1-6 above? If Yes, please provide details:
3	If your country has initiated or is participating in the development of an 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 Understanding, planned by your country in the foreseeable future? 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 Conservation status, but is not currently listed in Appendix II and could benefit From the conclusion of an Agreement for its conservation? If Yes, please provide details:
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	What priority does your country assign to the conservation and, where applicable, sustainable use of migratory species in comparison to other biodiversity-related issues?
2	Are migratory species and their habitats addressed by your country's national x Yes No
	biodiversity strategy or action plan?
	If Yes, please indicate and briefly describe the extent to which it addresses the following issues:
	x Conservation, sustainable use and/or restoration of migratory species
	x Conservation, sustainable use and/or restoration of the habitats of migratory species, including protected areas
	x 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)
	Minimising or eliminating barriers or obstacles to migration
	x Research and monitoring of migratory species
	X Transboundary co-operation
3	Does the conservation of migratory species currently feature in any other national Or regional policies/plans (apart from CMS Agreements) Yes x No
	If Yes, please provide details:
2-	
3a	Do these policies/plans cover the following areas (if Yes, please provide details):
	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 powerlines
	Planning of fences
	Planning of dams
	Other
	V. Protected Areas
1	Are migratory species taken into account in the selection, establishment and x Yes No management of protected areas in your country?
	If Yes, please provide details:
	Many desert and semi-desert area and wetlands which are wintering habitats for migratory species are covered by the
	protected areas network.
1a	Do these protected areas cover the following areas? (If Yes, please provide details and include the amount of protected areas coverage and the number of protected areas):
	Yes No
	x Terrestrial
	x Aquatic

	x Marine
1b	Identify the agency, department or organization responsible for leading on this action in your country:
	VI. Policies on Satellite Telemetry
1	In the current reporting period, has your country undertaken
	If Yes, please provide details (Indicate <i>inter alia</i> the scientific justification for the research, describe briefly the measures taken to ensure that risks to the welfare of individual animals and – in the case of severely depleted populations – to the species are minimised, and summarise the results obtained):
	Pakistan is helping NARC Abu Dhabi to conduct research using satellite telemetry for Marine turtles, Houbara bustard and falcon species.
2	Are any future conservation/research projects planned that will use Yes No satellite telemetry?
	If Yes, please provide details (including the expected timeframe for these projects):
	The Pakistan Wetlands Project now under implementation includes the use of satellite telemetry to study migratory and other endangered species that are associated with wetlands.
	If No, please explain any impediments or requirements in this regard:
1	Have actions been taken by your country to encourage non-Parties U Yes No to join CMS and its related Agreements?
1a	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.) Identify the agency, department or organization responsible for leading on this action in your country:
1a	
1a	the Standing Committee as high priorities for recruitment.)
1a	the Standing Committee as high priorities for recruitment.) Identify the agency, department or organization responsible for leading on this action in your country: VIII. Global and National Importance of CMS Have actions been taken by your country to increase national, regional and/or global awareness of the relevance of CMS and its global importance in the context of biodiversity conservation?
	the Standing Committee as high priorities for recruitment.) Identify the agency, department or organization responsible for leading on this action in your country: VIII. Global and National Importance of CMS Have actions been taken by your country to increase national, regional and/or global awareness of the relevance of CMS and its global importance
	the Standing Committee as high priorities for recruitment.) Identify the agency, department or organization responsible for leading on this action in your country: VIII. Global and National Importance of CMS Have actions been taken by your country to increase national, regional and/or global awareness of the relevance of CMS and its global importance in the context of biodiversity conservation?
	the Standing Committee as high priorities for recruitment.) Identify the agency, department or organization responsible for leading on this action in your country: **VIII.** Global and National Importance of CMS Have actions been taken by your country to increase national, regional and/or global awareness of the relevance of CMS and its global importance in the context of biodiversity conservation? If Yes, please provide details: Workshops and seminars are conducted to raise awareness of CMS and other Conventions. Currently under a UNEP funded activity, Ministry of Environment is in process to organize workshops to raise awareness for better implementation
1	the Standing Committee as high priorities for recruitment.) Identify the agency, department or organization responsible for leading on this action in your country: **VIII.** Global and National Importance of CMS** Have actions been taken by your country to increase national, regional and/or global awareness of the relevance of CMS and its global importance in the context of biodiversity conservation? If Yes, please provide details: Workshops and seminars are conducted to raise awareness of CMS and other Conventions. Currently under a UNEP funded activity, Ministry of Environment is in process to organize workshops to raise awareness for better implementation of CBD,CMS, CITES and Ramsar Convention in Pakistan.
1	the Standing Committee as high priorities for recruitment.) Identify the agency, department or organization responsible for leading on this action in your country: VIII. Global and National Importance of CMS Have actions been taken by your country to increase national, regional
1	Identify the agency, department or organization responsible for leading on this action in your country: **VIII.** Global and National Importance of CMS** Have actions been taken by your country to increase national, regional and/or global awareness of the relevance of CMS and its global importance in the context of biodiversity conservation? If Yes, please provide details: Workshops and seminars are conducted to raise awareness of CMS and other Conventions. Currently under a UNEP funded activity, Ministry of Environment is in process to organize workshops to raise awareness for better implementation of CBD,CMS, CITES and Ramsar Convention in Pakistan. Identify the agency, department or organization responsible for leading on this action in your country: The Ministry of Environment and IUCN.

	Resources are allocated by the provincial governments for the conservation of endangered species, including migratory species. (Wildlife conservation is a provincial matter in Pakistan.)
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 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):
4	Has your country provided technical and/or scientific assistance to developing countries to facilitate initiatives for the benefit of migratory species?
	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 Fund, via the CMS Secretariat, for national conservation activities having direct benefits for migratory species in your country?
	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 than the CMS Secretariat for conservation activities having direct benefit for migratory species in your country?
	If Yes, please provide details (Indicate the migratory species that have benefited from these activities):
	The Ramsar Small Grants Fund assisted Pakistan in the identification and documentation of new Ramsar sites which are wintering habitats for migratory species.
	GEF/UNDP funded Pakistan Wetland Project will address conservation issues related to migratory species.

X. Implementation of COP Resolutions and Recommendations

Please summarize the measures undertaken by your country to implement the substantive, operational Resolutions and Recommendations adopted by the Conference of the Parties, where these have not been mentioned elsewhere in this report, giving particular emphasis to those identified below (as appropriate).

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 Migratory Species:
Recommendations
Recommendation 7.5 – Range State Agreement for Dugong (<i>Dugong dugon</i>) Conservation:
Recommendation 7.6 – Improving the Conservation Status of the Leatherback Turtle (<i>Dermochelys coriacea</i>):
Recommendation 7.7 – America Pacific Flyway Programme:
Other resolutions/recommendations:

Other remarks:

Annex: Questions on specific Appendix II species

The tables below contain the list of all species listed in Appendix II. Boxes have been checked to indicate the species for which your country is considered to be a Range State. Please amend the boxes where appropriate. (If you wish to provide further information on any of these species, please attach as an annex.) Please also provide published distribution references where available.

	Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference	
CHIROPTERA							
I	Rhinolophus ferrumequinum		\boxtimes				
	(only European populations)						
I	Rhinolophus hipposideros		\boxtimes				
	(only European populations)						
	Rhinolophus euryale						
l	(only European populations)						
	Rhinolophus mehelyi						
l	(only European populations)						
	Rhinolophus blasii						
ļ	(only European populations)						
	Myotis bechsteini						
ļ	(only European populations)						
	Myotis blythi						
ļ	(only European populations)						
	Myotis brandtii						
ļ	(only European populations)						
	Myotis capaccinii						
ŀ	(only European populations)						
	Myotis dasycneme						
ŀ	(only European populations)						
	Myotis daubentoni						
ŀ	(only European populations)						
	Myotis emarginatus						
ŀ	(only European populations)						
	Myotis myotis						
ŀ	(only European populations)						
	Myotis mystacinus						
ŀ	(only European populations)						
	Myotis nattereri						
l	(only European populations)						
	Pipistrellus kuhli						
l	(only European populations)						
	Pipistrellus nathusii						
I	(only European populations)		1				

Pipistrellus pipistrellus	Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference		
Pipistrellus savii	Pipistrellus pipistrellus		\boxtimes					
Conty European populations	(only European populations)							
Nyctalus lasioptemus	Pipistrellus savii		\boxtimes					
Conty European populations)	(only European populations)							
Nyctalus leisleri	Nyctalus lasiopterus		\boxtimes					
Conty European populations	(only European populations)							
Nyetalus noetula	Nyctalus leisleri		\boxtimes					
Conty European populations	(only European populations)							
Eptesicus seriorius	Nyctalus noctula							
Conty European populations	(only European populations)							
Eptesicus serotinus	Eptesicus nilssonii		\boxtimes					
Conly European populations	(only European populations)							
Vespertitio murinus	Eptesicus serotinus		\boxtimes					
Conty European populations	(only European populations)							
Barbastellus	Vespertilio murinus		\boxtimes					
Conty European populations	(only European populations)							
Plecotus auritus (only European populations) Plecotus austriacus (only European populations) Miniopterus schreibersii (only European populations) Tadarida teniotis CETACEA Physeter macrocephalus Platanista gangetica gangetica Pontoporia blainvillei Inia geoffrensis Delphinapterus leucas Monodon monoceros Phocoena phocoena (North and Baltic Sea populations) Phocoena phocoena (Western North Atlantic population) Phocoena phocoena (Black Sea population) Neophocaena phocaenoides The status of this species is uncertain. No significant work has	Barbastella barbastellus		\boxtimes					
Conty European populations	(only European populations)							
Plecotus austriacus (only European populations) Miniopterus schreibersii (only European populations) Tadarida teniotis CETACEA Physeter macrocephalus Platanista gangetica gangetica Pontoporia blainvillei Inia geoffrensis Delphinapterus leucas Monodon monoceros Phocoena phocoena (North and Baltic Sea populations) Phocoena phocoena (western North Atlantic population) Phocoena phocoena (Black Sea population) Neophocaena phocaenoides	Plecotus auritus		\boxtimes					
(only European populations) Miniopterus schreibersii	(only European populations)							
Miniopterus schreibersii (only European populations) CETACEA Physeter macrocephalus Platanista gangetica gangetica gangetica Pontoporia blainvillei Inia geoffrensis Delphinapterus leucas Monodon monoceros Phocoena phocoena North and Baltic Sea populations) <td>Plecotus austriacus</td> <td></td> <td>\boxtimes</td> <td></td> <td></td> <td></td>	Plecotus austriacus		\boxtimes					
Cetacea Ceta	(only European populations)							
Tadarida teniotis CETACEA Physeter macrocephalus Platanista gangetica gangetica Pontoporia blainvillei Inia geoffrensis Delphinapterus leucas Monodon monoceros Phocoena phocoena (North and Baltic Sea populations) Phocoena phocoena (western North Atlantic population) Neophocaena phocaenoides Neophocaena phocaenoides Neophocaena phocaenoides The status of this species is uncertain. No significant work has	Miniopterus schreibersii		\boxtimes					
CETACEA Physeter macrocephalus	(only European populations)							
Physeter macrocephalus	Tadarida teniotis		\boxtimes					
Platanista gangetica gangetica Pontoporia blainvillei Inia geoffrensis Delphinapterus leucas Monodon monoceros Phocoena phocoena (North and Baltic Sea populations) Phocoena phocoena (western North Atlantic population) Phocoena phocoena (Black Sea population) Neophocaena phocaenoides The status of this species is uncertain. No significant work has		Сетасеа						
Platanista gangetica gangetica Pontoporia blainvillei Inia geoffrensis Delphinapterus leucas Monodon monoceros Phocoena phocoena (North and Baltic Sea populations) Phocoena phocoena (western North Atlantic population) Phocoena phocoena (Black Sea population) Neophocaena phocaenoides The status of this species is uncertain. No significant work has	Physeter macrocephalus		\boxtimes					
gangetica Pontoporia blainvillei Inia geoffrensis Delphinapterus leucas Monodon monoceros Phocoena phocoena (North and Baltic Sea populations) Phocoena phocoena (western North Atlantic population) Phocoena phocoena (Black Sea population) Neophocaena phocaenoides The status of this species is uncertain. No significant work has								
Inia geoffrensis	0 0							
Delphinapterus leucas	Pontoporia blainvillei							
Delphinapterus leucas	Inia geoffrensis		\boxtimes					
Monodon monoceros Image: Comparison of the status of this species is uncertain. No significant work has Monodon monoceros Image: Comparison of the status of this species is uncertain. No significant work has			\boxtimes					
Phocoena phocoena (North and Baltic Sea populations) Phocoena phocoena (western North Atlantic population) Phocoena phocoena (Black Sea population) Neophocaena phocaenoides The status of this species is uncertain. No significant work has								
(North and Baltic Sea populations) Phocoena phocoena								
Phocoena phocoena Image: Comparison of the status of this species is uncertain. No significant work has Phocoena phocoena Image: Comparison of the status of the species of								
(western North Atlantic population) Phocoena phocoena (Black Sea population) Neophocaena phocaenoides D		П	\square	П	П			
Phocoena phocoena (Black Sea population) Neophocaena phocaenoides The status of this species is uncertain. No significant work has								
(Black Sea population) Neophocaena phocaenoides D		П	\square	П	П			
Neophocaena phocaenoides								
* * * * * * * * * * * * * * * * * * *						uncertain. No significant work has		
Phocoenoides dalli	Phocoenoides dalli							

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Phocoena spinipinnis		\boxtimes			
Phocoena dioptrica		\boxtimes			
Sousa chinensis					The status of this species is uncertain. No significant work has been done on marine mammals.
Sousa teuszii		\boxtimes			
Sotalia fluviatilis		\boxtimes			
Lagenorhynchus albirostris		\boxtimes			
(only North and Baltic Sea populations)					
Lagenorhynchus acutus					
(only North and Baltic Sea populations)					
Lagenorhynchus australis					
Lagenorhynchus obscurus					
Grampus griseus		\boxtimes			
(only North and Baltic Sea populations)					
Tursiops aduncus		\boxtimes			
(Arafura/Timor Sea populations)					
Tursiops truncatus					
(North and Baltic Sea populations)					
Tursiops truncatus					
(western Mediterranean population)					
Tursiops truncatus					
(Black Sea population)					
Stenella attenuata					
(eastern tropical Pacific population)		_			
Stenella attenuata	Ш		Ш		
(Southeast Asian populations)					
Stenella longirostris (eastern tropical Pacific					
populations)					
Stenella longirostris (Southeast Asian populations)					
Stenella coeruleoalba	П				
(eastern tropical Pacific population)					
Stenella coeruleoalba	П				
(western Mediterranean population)]]		
Delphinus delphis					
(North and Baltic Sea populations)					
Delphinus delphis		\boxtimes			
(western Mediterranean population)					

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference			
Delphinus delphis		\boxtimes						
(Black Sea population)								
Delphinus delphis		\boxtimes						
(eastern tropical Pacific population)								
Lagenodelphis hosei								
(Southeast Asian populations)								
Orcaella brevirostris								
Cephalorhynchus commersonii								
(South American population)								
Cephalorhynchus eutropia								
Cephalorhynchus heavisidii								
Orcinus orca								
Globicephala melas		\boxtimes						
(only North and Baltic Sea populations)								
Berardius bairdii								
Hyperoodon ampullatus								
Balaenoptera bonaerensis		\boxtimes						
Balaenoptera edeni	\boxtimes							
Balaenoptera borealis		\boxtimes						
Balaenoptera physalus								
Caperea marginata		\boxtimes						
		C	ARNIVORA	<u> </u>				
Arctocephalus australis		\boxtimes						
Otaria flavescens		\boxtimes						
Phoca vitulina		\boxtimes						
(only Baltic and Wadden Sea populations)								
Halichoerus grypus		\boxtimes						
(only Baltic Sea populations)								
Monachus monachus								
		Pro	OBOSCIDEA	,				
Loxodonta africana		\boxtimes						
	SIRENIA							
Trichechus manatus (populations between Honduras and Panama)								
Trichechus senegalensis								
Trichechus inunguis								
Dugong dugon					The presence of Dugongs in Pakistan's territorial waters is uncertain.			

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference			
PERISSODACTYLA								
Equus hemionus		\boxtimes						
(includes Equus hemionus, Equus onager and Equus kiang)								
		ART	TODACTYLA					
Vicugna vicugna		\boxtimes						
Oryx dammah		\boxtimes						
Gazella gazelle	X	\boxtimes						
(only Asian populations)								
Gazella subgutturosa								
Procapra gutturosa		\boxtimes						
Saiga tatarica tatarica		\boxtimes						
		GA	VIIFORMES					
Gavia stellata		\boxtimes						
(Western Palearctic populations)								
Gavia arctica arctica								
Gavia arctica suschkini		\boxtimes						
Gavia immer immer		\boxtimes						
(Northwest European population)								
Gavia adamsii								
(Western Palearctic population)								
			CIPEDIFORMES					
Podiceps grisegena grisegena								
Podiceps auritus								
(Western Palearctic populations)								
		PELE	CANIFORMES					
Phalacrocorax nigrogularis					The status of this species is not confirmed.			
Phalacrocorax pygmeus								
Pelecanus onocrotalus								
(Western Palearctic populations)								
Pelecanus crispus					Dalmatian pelican visits Pakistan in small numbers during the winter season.			
CICONIIFORMES								
Botaurus stellaris stellaris		\boxtimes						
(Western Palearctic populations)								
Ixobrychus minutus minutus		\boxtimes						
(Western Palearctic populations)								
Ixobrychus sturmii								
Ardeola rufiventris								
Ardeola idea		\boxtimes						

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Egretta vinaceigula					
Casmerodius albus albus		\boxtimes			
(Western Palearctic populations)					
Ardea purpurea purpurea					
(populations breeding in the Western Palearctic)					
Mycteria ibis					
Ciconia nigra					Black storks are casually sighted in Pakistan.
Ciconia episcopus microscelis					
Ciconia ciconia					This species is casually sighted in Pakistan.
Plegadis falcinellus					The Glossy ibis visits wetlands of Sindh in limited numbers.
Geronticus eremita					
Threskiornis aethiopicus aethiopicus					
Platalea alba		\boxtimes			
(excluding Malagasy population)					
Platalea leucorodia					Significant numbers of Eurasian spoonbills visit the wetlands of Sindh. Wetlands International have published mid-winter waterfowl data.
Phoenicopterus ruber					Wetlands International have published data on mid-winter waterfowl counts.
Phoenicopterus minor					Lesser flamingo has not been recorded from Pakistan for a long time.
	1	ANS	SERIFORMES	•	
Dendrocygna bicolor		\boxtimes			
Dendrocygna viduata		\boxtimes			
Thalassornis leuconotus					
Oxyura leucocephala					The wintering population of White-headed ducks had declined rapidly. Wetlands International has recently conducted a study for this globally threatened species.
Cygnus olor	\boxtimes				The Mute swan has not been recorded in Pakistan for a long time.
Cygnus Cygnus	\boxtimes				This species has not been recorded in Pakistan for a long time.
Cygnus columbianus	\boxtimes				This species has not been recorded in Pakistan for a long time.
Anser brachyrhynchus					
Anser fabalis					This species has not been recorded

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
					in Pakistan for a long time.
Anser albifrons					This species has not been recorded in Pakistan for a long time.
Anser erythropus					This species has not been recorded in Pakistan for a long time.
Anser anser					The Greylag goose winters in Pakistan in significant numbers. Published data can be obtained from Wetlands International.
Branta leucopsis		\boxtimes			
Branta bernicla		\boxtimes			
Branta ruficollis					
Alopochen aegyptiacus		\boxtimes			
Tadorna ferruginea	\boxtimes				Mid-winter data is available from Wetlands International.
Tadorna cana		\boxtimes			
Tadorna tadorna					This species winters in Pakistan in small numbers. Data may be obtained from Wetlands International.
Plectropterus gambensis		\boxtimes			
Sarkidiornis melanotos	\boxtimes				
Nettapus auritus		\boxtimes			
Anas Penelope	\boxtimes				Wetlands International has published mid-winter data.
Anas strepera					Wetlands International has published mid-winter data.
Anas crecca					The Common teal winters in Pakistan in good numbers.
Anas capensis		\boxtimes			
Anas platyrhynchos					Data has been published by Wetlands International.
Anas undulate		\boxtimes			
Anas acuta	\boxtimes				Wetlands International has published data.
Anas erythrorhyncha		\boxtimes			
Anas hottentota					
Anas querquedula					Small numbers of Gargany winter in Pakistan. Data is available from Wetlands International.
Anas clypeata	\boxtimes				
Marmaronetta angustirostris					Small numbers of Marbled teal winter and breed in Pakistan.
Netta rufina	\boxtimes				Small numbers of Red-crested Pochards winter in Pakistan.
Netta erythrophthalma					

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Aythya ferina					A significant number of common pochards winter in Pakistan.
Aythya nyroca					Small numbers of Ferruginous duck winter in Pakistan.
Aythya fuligula					Small numbers of Tufted ducks winter in Pakistan.
Aythya marila					
Somateria mollissima		\boxtimes			
Somateria spectabilis		\boxtimes			
Polysticta stelleri		\boxtimes			
Clangula hyemalis		\boxtimes			
Melanitta nigra					
Melanitta fusca					
Bucephala clangula		\boxtimes			
Mergellus albellus	\boxtimes				No recent sightings in Pakistan.
Mergus serrator					The Red-breasted Merganser is occasionally sighted in Pakistan.
Mergus merganser	\boxtimes				No recent sightings in Pakistan.
	1	FAL	CONIFORMES	•	
Pandion haliaetus					The Osprey is occasionally sighted in Pakistan during winter season.
		GA	LLIFORMES		
Coturnix coturnix coturnix	\boxtimes				No published data is available.
		SPHE	NISCIFORMES		
Spheniscus demersus		\boxtimes			
	•	PROCE	LLARIIFORME	S	
Diomedea exulans		\boxtimes			
Diomedea epomophora		\boxtimes			
Diomedea irrorata		\boxtimes			
Diomedea nigripes		\boxtimes			
Diomedea immutabilis		\boxtimes			
Diomedea melanophris		\boxtimes			
Diomedea bulleri		\boxtimes			
Diomedea cauta					
Diomedea chlororhynchos					
Diomedea chrysostoma					
Phoebetria fusca		\boxtimes			
Phoebetria palpebrata					
Macronectes giganteus					
Macronectes halli		\boxtimes			
Procellaria cinerea					

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Procellaria aequinoctialis					
Procellaria aequinoctialis conspicillata					
Procellaria parkinsoni		\boxtimes			
Procellaria westlandica		\boxtimes			
		Gr	RUIFORMES		
Porzana porzana		\boxtimes			
(populations breeding in the Western Palearctic)					
Porzana parva parva					
Porzana pusilla intermedia		\boxtimes			
Fulica atra atra					
(Mediterranean and Black Sea populations)					
Aenigmatolimnas marginalis					
Sarothrura boehmi					
Sarothrura ayresi		\boxtimes			
Crex crex					
Grus leucogeranus					There are no recent records of sightings in Pakistan.
Grus virgo (Syn. Anthropoides virgo)					The Demoiselle crane migrates through Pakistan in good numbers.
Grus paradisea		\boxtimes			
Grus carunculatus					
Grus grus	\boxtimes				The Common crane migrates through Pakistan in good numbers. Data is available from ICF.
Chlamydotis undulata (only Asian populations)					Data is available from NARC Abu Dhabi.
Otis tarda					Great bustard is very occasionally sighted in Balochistan.
		CHAR	ADRIIFORMES		
Himantopus himantopus					There are considerable numbers of Black winged stilts, which are migratory as well as resident in Pakistan.
Recurvirostra avosetta					Good numbers of Avocet winter on coastal wetlands. Mid-winter data is published by Wetlands International.
Dromas ardeola	\boxtimes				Data deficient.
Burhinus oedicnemus	\boxtimes				The Stone curlew is very occasionally sighted in Pakistan.
Glareola pratincola	\boxtimes				This species is very occasionally sighted in Pakistan.
Glareola nordmanni					

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Pluvialis apricaria					
Pluvialis squatarola					This species is very occasionally sighted in Pakistan.
Charadrius hiaticula		\boxtimes			
Charadrius dubius					
Charadrius pecuarius		\boxtimes			
Charadrius tricollaris		\boxtimes			
Charadrius forbesi		\boxtimes			
Charadrius pallidus		\boxtimes			
Charadrius alexandrinus					
Charadrius marginatus		\boxtimes			
Charadrius mongulus					Data deficient.
Charadrius leschenaultii					Data deficient.
Charadrius asiaticus		\boxtimes			
Eudromias morinellus		\boxtimes			
Vanellus vanellus					The Common lapwing winters in Pakistan in fair number.
Vanellus spinosus		\boxtimes			
Vanellus albiceps		\boxtimes			
Vanellus senegallus		\boxtimes			
Vanellus lugubris		\boxtimes			
Vanellus melanopterus		\boxtimes			
Vanellus coronatus		\boxtimes			
Vanellus superciliosus		\boxtimes			
Vanellus gregarius (Syn Chettusia gregaria)					The Sociable lapwing is very occasionally sighted in Pakistan during winter season.
Vanellus leucurus					Data deficient.
Gallinago media		\boxtimes			
Gallinago gallinago					Data deficient.
Lymnocryptes minimus					Data deficient.
Limosa limosa					Winters in Pakistan in fair numbers.
Limosa lapponica					Very occasionally sighted during winter.
Numenius phaeopus					Data deficient.
Numenius tenuirostris		\boxtimes			
Numenius arquata					Very casually sighted during winter.
Tringa erythropus					Data deficient.
Tringa tetanus					Winters in Pakistan in fair numbers.
Tringa stagnatilis					Data deficient.
Tringa nebularia	\boxtimes				Very casually sighted during winter.

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Tringa ochropus	\boxtimes				Data deficient.
Tringa glareola	\boxtimes				Data deficient.
Tringa cinerea	\boxtimes				Data deficient.
Tringa hypoleucos	\boxtimes				Winters in Pakistan in fair number.
Arenaria interpres	\boxtimes				Data deficient.
Calidris tenuirostris	\boxtimes				Data deficient.
Calidris canutus		\boxtimes			
Calidris alba	\boxtimes				Winters in coastal areas in good numbers.
Calidris minuta					Winters in coastal areas in good numbers.
Calidris temminckii					Data deficient.
Calidris maritima		\boxtimes			
Calidris alpine					Winters on the coast in good numbers.
Calidris ferruginea					Data deficient.
Limicola falcinellus	\boxtimes				Data deficient.
Philomachus pugnax					Winters in Pakistan in small numbers.
Phalaropus lobatus	\boxtimes				Data deficient.
Phalaropus fulicaria		\boxtimes			
Larus hemprichii		\boxtimes			
Larus leucophthalmus		\boxtimes			
Larus ichthyaetus (West Eurasian and African population)					
Larus melanocephalus		\boxtimes			
Larus genei		\boxtimes			
Larus audouinii		\boxtimes			
Larus armenicus					
Sterna nilotica nilotica					
(West Eurasian and African populations)					
Sterna caspia					
(West Eurasian and African populations)					
Sterna maxima albidorsalis					
Sterna bergii (African and Southwest Asian populations)					Data deficient.
Sterna bengalensis (African and Southwest Asian populations)					Data deficient.

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference		
Sterna sandvicensis sandvicensis							
Sterna dougallii (Atlantic population)		\boxtimes					
Sterna hirundo hirundo (populations breeding in the Western Palearctic)							
Sterna paradisaea (Atlantic populations)		\boxtimes					
Sterna albifrons	\boxtimes				Winters in Pakistan in fair numbers.		
Sterna saundersi	\boxtimes				Data deficient.		
Sterna balaenarum		\boxtimes					
Sterna repressa					Data deficient.		
Chlidonias niger niger		\boxtimes					
Chlidonias leucopterus							
(West Eurasian and African population)							
COLUMBIFORMES							
Streptopelia turtur turtur		\boxtimes					
		Cor	ACIIFORMES				
Merops apiaster	\boxtimes				Resident and migratory populations.		
Coracias garrulus	\boxtimes				Resident population.		
		PSIT	TACIFORMES				
Amazona tucumana		\boxtimes					
		PASS	SERIFORMES				
Hirundo atrocaerulea							
Pseudocolopteryx dinellianus		\boxtimes					
Polystictus pectoralis pectoralis		\boxtimes					
Sporophila ruficollis		\boxtimes					
Acrocephalus paludicola		\boxtimes					
		TE	STUDINATA				
Chelonia depressa							
Chelonia mydas					Visits the coast for breeding. Tagging data is available for visiting females.		
Caretta caretta	\boxtimes				Data deficient.		
Eretmochelys imbricata		\boxtimes					
Lepidochelys kempii		\boxtimes					
Lepidochelys olivacea	\boxtimes				Data deficient.		
Dermochelys coriacea	\boxtimes				Data deficient.		
Podocnemis expansa							

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference			
CROCODYLIA								
Crocodylus porosus		\boxtimes						
		ACIPE	NSERIFORMES					
Huso huso		\boxtimes						
Huso dauricus		\boxtimes						
Acipenser baerii baicalensis		\boxtimes						
Acipenser fulvescens		\boxtimes						
Acipenser gueldenstaedtii		\boxtimes						
Acipenser medirostris		\boxtimes						
Acipenser mikadoi								
Acipenser naccarii		\boxtimes						
Acipenser nudiventris		\boxtimes						
Acipenser persicus		\boxtimes						
Acipenser ruthenus		\boxtimes						
(Danube population)								
Acipenser schrenckii								
Acipenser sinensis								
Acipenser stellatus								
Acipenser sturio		\boxtimes						
Pseudoscaphirhynchus kaufmanni								
Pseudoscaphirhynchus hermanni								
Pseudoscaphirhynchus fedtschenkoi								
Psephurus gladius		\boxtimes						
ORECTOLOBIFORMES								
Rhincodon typus	\boxtimes				Data deficient.			
		LAN	MNIFORMES					
Carcharodon carcharias								
		LE	PIDOPTERA					
Danaus plexippus								

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					

Species	Range State	Extinct	Published distribution reference		
	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 FALCONIFORMES, Family Accipitridae					
	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 FALCONIFORMES, Family Falconidae					
	Range State	☐ Extinct			
	Range State	Extinct			
	Range State	Extinct			
	Range State	Extinct			

Species	Range State	Extinct	Published distribution reference	
	Range State	Extinct		
	Range State	☐ Extinct		
	Range State	☐ Extinct		
	Range State	☐ Extinct		
	Range State	☐ Extinct		
	Range State	☐ Extinct		
Order PASSERIFORMES, 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		