

Convention on the Conservation of Migratory Species of Wild Animals



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

Reporting format agreed by the Standing Committee at its 32nd Meeting (Bonn, November 2007) for mandatory use by Parties, for reports submitted to the Tenth Meeting of the Conference of the Parties (COP10) (Norway, 2011).

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

COP Resolution 9.4 adopted at Rome called upon the Secretariats and Parties of CMS Agreements to collaborate in the implementation and harmonization of online reporting implementation. If the development of an online reporting system advances sufficiently, Parties may have the option of reporting in this manner. There are however no guarantees at this stage that this will be the case.

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

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

Please enter here the name of your country: Bermuda

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

Department of Conservation Services

Please list any other agencies that have provided input:

The Bermuda Audubon Society

The Department of Environmental Protection, Marine Resources Section

The Bermuda Turtle Project

I(a). General Information

Please enter the required information in the table below:

Party	United Kingdom of Great Britain and Northern Ireland			
Date of entry into force of the Convention in [country name]	UK 1 October 1985			
Period covered	2008-2010			
Territories to which the Convention applies	Bermuda			
DESIGNATED NATIONAL FOCAL POINT				
Full name of the institution	Department of Conservation Services			
Name and title of designated Focal Point	Alison Copeland, Biodiversity Strategy and Action Plan Coordinator			
Mailing address	Dept. of Conservation Services, PO Box FL588, Flatts, FL BX, Bermuda			
Telephone	+1 (441) 293-2727			
Fax				
E-mail	aicopeland@gov.bm			
APPOINTMENT TO THE SCIENTIFIC COUNCIL				

SUBMISSION

Implementing legislation referred to in following sections:

Protected Species Act 2003

Protection of Birds Act 1975

Fisheries Act 1972

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

Eurobats	Party		☐ Non-party Range State			
☐ Signe		ed but not yet entered force Non Range State				
Competent authority Name:		Name:	Appointed member of the Advisory Committee Name:			
Address:		Address:	Address:			
Tel.: Fax:		Tel.: Fax:	Fax:			
E-mail:		E-mail:	T —			
ASCOBANS	☐ Pa	•	Non-party Range State			
	∐ Sig	gned but not yet entered force				
Co-ordinating authority Name:		Appointed member of the Ac Name:	lvisory Committee			
Address:		Address:				
Tel.:		Tel.:				
Fax: E-mail:		Fax: E-mail:				
Membership of other committees or wo	rking	D man.				
groups:	rang					
AEWA:	☐ Pa	rty	☐ Non-party Range State			
	☐ Sig	gned but not yet entered force				
Administrative Authority			Appointed member of the Technical Committee			
Name: Address:		Name: Address:	Name:			
Tel.: Fax:		Tel.: Fax:	Fax:			
E-mail:		E-mail:				
ACCOBAMS	☐ Pa	rty	☐ Non-party Range State			
☐ Sign		gned but not yet entered force	ed but not yet entered force Non Range State			
National Focal Point		Appointed member of the Scientific Committee				
Name: Address:		Name: Address:				
Tel.: Fax:		Tel.: Fax:	Tel.: Fax:			
E-mail:		E-mail:				
Membership of committees or working groups:						
ACAP Party		rty	☐ Non-party Range State			
☐ Sign		ned but not yet entered force Non Range State				
Designated Authority		National Contact Point				
Name: Address:		Name: Address:				
Tel.: Fax:		Tel.: Fax:				
E-mail:		E-mail:				
Membership of Advisory Committee		Name:				
		Address:				
		Tel.:				

	Fax: E-mail:
Marine Turtle – Africa MoU: Signator	
National Contact Point	Name:
	Address:
	Tel.: Fax:
	E-mail:
Marine Turtle MoU - IOSEA: Signator	y Non-signatory Range State Non Range State
Competent national authority	Name:
	Address:
	Tel.: Fax:
	E-mail:
Aquatic Warbler MoU: Signator	y Non-signatory Range State Non Range State
Competent national authority	National Contact Point
	Name: Address:
	Tel.: Fax:
	E-mail:
Pacific Islands Cetaceans MoU: Signatory	Non-signatory Range State Non Range State
Competent national authority	National Contact Point
Name:	Name: Address:
Address:	
Tel.: Fax:	Tel.: Fax:
E-mail:	E-mail:
Mediterranean Monk Seal MoU: Signatory	y Non-signatory Range State Non Range State
Competent national authority	National Contact Point
Name:	Name: Address:
Address:	
Tel.:	Tel.: Fax:
Fax: E-mail:	E-mail:
Birds of Prey MoU: Signatory	Non-signatory Range State Non Range State
	National Contact Point
	Name: Address:
	Tel.: Fax:
	E-mail:
Sharks MoU: Signator	y 🛮 Non-signatory Range State 🔲 Non Range State
	National Contact Point
	Name: Address:
	Tel.: Fax:
	E-mail:

I(b). Information about involved Authorities

1	Which other government departments are involved in activities/initiatives for the conservation of migratory species in your country? (Please list.)
	Department of Conservation Services (DCS), Department of Environmental Protection (DEP)
2	If more than one government department is involved, describe the interaction/relationship between these government departments:
	The DCS is responsible for enforcement of the Protected Species Act 2003, and develops and implements Recovery Plans for listed species. DCS is also responsible for enforcement of the Protection of Birds Act 1975. DCS carries out research and monitoring on listed species and their habitats. DCS also operates the Bermuda Aquarium, Museum and Zoo, which houses a wildlife rehabilitation hospital that deals regularly with CMS listed species. The DEP is responsible for enforcement of the Fisheries Act 1972 and related regulations, along with marine and fisheries research, fisheries licensing and catch statistics.
3	Has a national liaison system or committee been established in your country? Please provide contact information
	☐ Yes ☐ No
4	List the main non-governmental organizations actively involved in activities/initiatives for the conservation of migratory species in your country, and describe their involvement:
	The Bermuda Audubon Society – members conduct bird counts and monitor migrant/vagrant bird sightings. The BAS also conducts public awareness and education programmes for birds, particularly the Bermuda Petrel (Pterodroma cahow).
	The Bermuda Zoological Society funds research on CMS species (turtles, Humpback Whale, Bermuda Petrel) and operates the Bermuda Turtle Project with the Bermuda Aquarium. The BZS also operates an extensive environmental education programme.
	Bermuda Humpback Whale Film and Research Project – films humpback whales in Bermuda waters and matches fluke identification photos with catalogues from North America. They also conduct outreach and education activities particularly with school children.
4a	Please provide detail on any devolved government/overseas territory authorities involved.
5	Describe any involvement of the private sector in the conservation of migratory species in your country:
	Corporate/private sector funds given to NGOs provide financing in part for the Humpback Whale Project and the Bermuda Turtle Project. A public/private partnership between the Bermuda Government and local corporate donors also fund aspects of the Cahow Recovery Programme.
6	Note any interactions between these sectors in the conservation of migratory species in your country:
	The Bermuda Government and corporate/private sector donors together sponsor aspects of the Cahow Recovery Programme for <i>Pterodroma cahow</i> and the Bermuda turtle Project which tags 2 CMS listed species, and provides training to Caribbean and Latin American colleagues.

	II. Appendix I species
	1. BIRDS
1.1	General questions on Appendix I bird species

1	Is the taking of all Appendix I bird species prohibited by the national implementing Yes No legislation cited in Table I(a) (General Information)?					
	If other legislation is relevant, please provide details: The Protected Species Act 2003 protects Pterodroma cahow. The Protection of Birds Act 1975 protects all migrant and vagrant and locally resident birds.					
1a	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):					
2	Identify any obstacles to migration that exist in relation to Appendix I bird species:					
	By-catch					
	Habitat destruction Wind turbines					
	Pollution					
	Other (please provide details)					
2a	What actions are being undertaken to overcome these obstacles?					
	Mitigation measures have been undertaken to reduce coastal erosion which is causing loss of <i>P. cahow</i> nest sites. A successful translocation project was undertaken by moving <i>P.cahow</i> chicks from low lying nesting islands to establish a new nesting colony on the larger and more elevated Nonsuch Island. The establishment of a second colony on Nonsuch Island is planned to provide added security should a catastrophic event affect the first colony.					
2b	Please report on the progress / success of the actions taken.					
	The following report outlines the success for the first <i>Pterodroma cahow</i> translocation project and future plans for management of the species. Madeiros, J. 2010. Cahow Recovery Program Breeding Season Report for 2010. Department of Conservation Services Report. Available online at: http://www.conservation.bm/publications/projects-reports/CAHOW%20RECOVERY%20PROGRAM%202010_s.pdf					
2c	What assistance, if any, does your country require in order to overcome these obstacles?					
	Financial assistance for the second phase of the Translocation Project to establish a second colony of P. cahow at Nonsuch Island.					
3	What are the major threats to Appendix I bird species (transcending mere obstacles to migration)?					
	Illegal trade Poaching					
	Other (please specify) invasive species (esp. rats), land development, climate change					
3a	What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger bird species beyond actions to prevent disruption to migrating behaviour?					
	Wooden baffles are placed on the entrances to cahow nesting burrows to prevent the slightly larger White-tailed Tropicbirds (<i>Phaethon lepturus catesbyi</i>) from entering the nest and killing the Cahow chick. Artificial nesting sites for the native tropicbird are also being installed to reduce nest site competition. The cahow nesting islands are carefully monitored for the presence of rats and poison is deployed throughout the cahow breeding season.					
3b	Please report on the progress / success of the actions taken.					

3c	Describe any factors that may limit action being taken in this regard:
3d	What assistance, if any, does your country require to overcome these factors?

1.2 Questions on specific Appendix I bird species

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

Spec	cies name – Common Name(s) Pterodroma cahow Pterodroma cahow Cahow, Bermuda Petrel
1	Please provide published distribution reference: Madeiros, J. 2010. Cahow Recovery Program Breeding
	Season Report for 2010. Department of Conservation Services Report. Available online at: http://www.conservation.bm/publications/projects-reports/CAHOW%20RECOVERY%20PROGRAM%202010_s.pdf
2a	Summarise information on population size (if known):
	increasing decreasing stable not known unclear
	92 breeding pairs in 2010 season. (Madeiros, J. 2010. Cahow recovery plan breeding season report 2010).
2b	Summarise information on distribution (if known):
	increasing decreasing stable not known unclear
	A new nesting colony has been established on Nonsuch Island. At sea distribution was previously unknown, but geolocator tags have been deployed and birders in other localities have been asked to look out for cahows at sea.
3	Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):
	Research
	Identification and establishment of protected areas Cooper's Island Nature Reserve was established adjacent to breeding areas in 2008. contact the Department of Conservation Services
	Monitoring Monitoring of birds continues through a banding project and developmental measurements taken from chicks. Contact is Jeremy Madeiros at the Department of Conservation Services.
	Education/awareness rising
	Species protection
	Control hunting / poaching None known
	Species restoration
	Habitat protection
	Habitat restoration Nonsuch Island has been restored to a pre-colonial forest habitat, and invasive species are strictly controlled. Artificial nest burrows are still being constructed to encourage new nesting pairs.
	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:				
	Tracking of oceanic ranges through the use of geolocator tags will continue. A second nesting colony on Nonsuch Island will be established through proven translocation methods.				
	See Madeiros, J. 2010. Cahow Recovery Program Breeding Season Report for 2010. Department of Conservation Services Report. Available online at: http://www.conservation.bm/publications/projects-reports/CAHOW%20RECOVERY%20PROGRAM%202010_s.pdf				
Spec	cies name – Common Name(s) Tryngites subruficollis Buff-breasted Sandpiper				
1	Please provide published distribution reference: frequent, perhaps regular but rather rare fall vagrant (Amos, Eric J. R, 1991. A guide to the birds of Bermuda). Uncommon migrant (Dobson, Andrew. 2002. A birdwatching guide to Bermuda. Arlequin Press.) Occasional vagrant (Raine, Andre. 2003. A field guide to the Birds of Bermuda.)				
2a	Summarise information on population size (if known):				
	increasing ☐ decreasing ☐ stable ☐ not known ☒ unclear ☐				
2b	Summarise information on distribution (if known):				
	increasing ☐ decreasing ☐ stable ☐ not known ☒ unclear ☐				
3	Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):				
	Research				
	Identification and establishment of protected areas				
	Monitoring				
	Education/awareness rising				
	Species protection				
	Control hunting / poaching				
	Species restoration				
	Habitat protection				
	Habitat restoration				
	Other				
4	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?				
	infrequent occurrence.				
5	Describe any future activities that are planned for this species:				
Spec	cies name – Common Name(s) Dendroica caerulea Cerulean warbler				
1	Please provide published distribution reference: frequent by rare vagrant,(Amos 1991); Rare vagrant (Dobson, 2002; Raine, 2003)				
2a	Summarise information on population size (if known):				
	increasing ☐ decreasing ☐ stable ☐ not known ☒ unclear ☐				
2b	Summarise information on distribution (if known):				
	increasing ☐ decreasing ☐ stable ☐ not known ☒ unclear ☐				

3	Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):			
	Research			
	Identification and establishment of protected areas			
	Monitoring Audubon Society		Local sightings are recorded by the Bermuda	
	Education/awareness rising			
	Species protection			
	Control hunting / poaching			
	Species restoration			
	Habitat protection			
	Habitat restoration			
	Other			
4	If no activities have been carried out for this species taken?	in the reportin	g period, what has prevented such action being	
	rare occurrence			
5	Describe any future activities that are planned for thi	s species:		
Misc	cellaneous information or comments on Appendix I bir	ds in general:		

2	M	A D	INE	\mathbf{N}	[A]	/TN	T A T	C
<i>_</i>	IVI	ΆK	HNP.	IV	l A I	VIIV	IAI	~

2.1 General questions on Appendix I marine mammals

1	Is the taking of all Appendix I marine mammals prohibited by the national implementing legislation cited in Table I(a) (General Information)?				
	If <i>other</i> legislation is relevant, please provide details: The taking of all whales, dolphins and porpoises within Bermuda's EEZ is prohibited by the Fisheries (Protected Species) Order 1978.				
1a	If the taking of Appendix I marine mammals is prohibited by law, have any exceptions Yes No been granted to the prohibition?				
	If Yes, please provide details (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)):				
2	Identify any obstacles to migration that exist in relation to Appendix I marine mammals:				
	By-catch Collision with fishing traffic				
	Pollution				
	Other threats to migration (please provide details) collision with cruise ships or commercial ship traffic				
2a	What actions are being undertaken to overcome these obstacles?				
2b	Please report on the progress / success of the actions taken.				
2c	What assistance, if any, does your country require in order to overcome these obstacles?				
3	What are the major pressures on Appendix I marine mammal species (transcending mere obstacles to migration)?				
	Pollution By-catch				
	Other (please specify)				
3a	What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine mammal beyond actions to prevent disruption to migrating behaviour?				
3b	Please report on the progress / success of the actions taken.				
3c	Describe any factors that may limit action being taken in this regard:				
3d	What assistance, if any, does your country require to overcome these factors?				

2.2 Questions on specific Appendix I marine mammals

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

Spe	ries name – Common Name(s) Physeter macrocephalus Sperm Whale			
1	Please provide published distribution reference: occasional sightings in local EEZ and 4 stranded individuals between 1974 and 2002 (Bermuda Aquarium, Museum and Zoo marine mammal stranding records).			
2a	Summarise information on population size (if known):			
	increasing ☐ decreasing ☐ stable ☐ not known ☒ unclear ☐			
2b	Summarise information on distribution (if known):			
	increasing ☐ decreasing ☐ stable ☐ not known ☒ unclear ☐			
3	Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):			
	Research			
	Identification and establishment of protected areas			
	Monitoring Strandings are recorded by the Bermuda Aquarium, Museum and Zoo (BAMZ) and if possible samples/measurements are collected from dead animals. Members of the public an report sightings to the Natural History Museum at BAMZ.			
	Education / awareness rising			
	Species protection			
	Control hunting / poaching			
	Species restoration			
	Habitat protection			
	Habitat restoration			
	Other \square			
4	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?			
	rarely seen in local waters. Offshore distribution.			
5	Describe any future activities that are planned for this species:			
	no future activities are planned.			
Spe	ries name – Common Name(s) Megaptera novaeangliae Humpback Whale			
1	Please provide published distribution reference: regularly seen in winter and spring.			
2a	Summarise information on population size (if known): increasing □ decreasing □ stable □ not known ⊠ unclear □			
2b	Summarise information on distribution (if known):			
	increasing ☐ decreasing ☐ stable ☐ not known ☒ unclear ☐			

	reporting period. (Please provide the title of the pro-	ect and contact detail	ls, where available):	5
	Research Andrew Stevenson through the Bermuda Humpback identification photos were collected and matched to	Whale Project, begin		
	Identification and establishment of protected areas			
	Monitoring			
	Education / awareness rising Andrew Stevenson) visited schools on the island to g film was created which has won international award	give presentations on		
	Species protection			
	Control hunting / poaching			
	Species restoration			
	Habitat protection			
	Habitat restoration			
	Other			
4	If no activities have been carried out for this specie taken?	s in the reporting per	iod, what has prevented such action being	3
5	Describe any future activities that are planned for the	s species:		
	The Humpback Whale Research Project (www video and fluke photos will continue to be collected.		m) is ongoing. Hydrophone recordings,	
<u> </u>	·	, , , , , , , , , , , , , , , , , , ,	Wh. I	
Sne	cies name – Common Name(s) Balaenop	<i>tera musculus</i> Blu	e whale	
	D1			
1	Please provide published distribution reference: could be found	Bermuda is a like	ly range state, but no recorded sightings	
			ly range state, but no recorded sightings	
1	could be found		ly range state, but no recorded sightings unclear	
1	Summarise information on population size (if known	n):		
1 2a	could be found Summarise information on population size (if known increasing decreasing stable stable	n):		

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:				
	none planned				
Spe	cies name – Common Name(s) Eubalaena glacialis North Atlantic Right Whale				
1	Please provide published distribution reference: Bermuda is a likely range state, but no records of this species locally could be found.				
2a	Summarise information on population size (if known):				
	increasing ☐ decreasing ☐ stable ☐ not known ☒ unclear ☐				
2b	Summarise information on distribution (if known):				
	increasing ☐ decreasing ☐ stable ☐ not known ☐ unclear ☐				
3	Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):				
	Research				
	Identification and establishment of protected areas				
	Monitoring				
	Education / awareness rising				
	Species protection				
	Control hunting / poaching				
	Species restoration				
	Habitat protection				
	Habitat restoration				
	Other				
4	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?				
5	Describe any future activities that are planned for this species:				
	none planned				
Mis	cellaneous information or comments on Appendix I marine mammals in general:				
por	The Bermuda Fisheries (Protected Species Order 1978) prohibits the taking of any whale, dolphin or porpoise in Bermuda's EEZ.				

	3	MARINE TURTLES
3.1	General qu	uestions on Appendix I marine turtles

1	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: The Fisheries (Protected Species) Order 1978 prohibits the taking of any species of marine turtle in Bermuda's EEZ. 4 species of marine turtle are protected under the Protected Species Act 2003.
1a	If the taking of Appendix I marine turtles is prohibited by law, have any exceptions Yes No been granted to the prohibition?
	If Yes, please provide details (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)):
2	Identify any obstacles to migration that exist in relation to Appendix I marine turtles:
	By-catch ☐ Pollution ⊠
	Other threats to migration (please provide details) collision with boats
2a	What actions are being undertaken to overcome these obstacles?
	Turtle alert signs and public awareness campaigns have been used to make boat operators aware that they should move slowly in turtle habitats. Turtles that are injured by boats are rehabilitated at the Bermuda Aquarium, Museum and Zoo animal hospital. Containers were erected a popular shoreside fishing spots by the Bermuda National Trust to collect fishing line to prevent turtles becoming entangled. The intentional release of helium balloons has been banned to reduce the threat of ingestion of this plastic waste.
2b	Please report on the progress / success of the actions taken.
	Many turtles are successfully treated at the animal hospital and released each year. Turtles that arrive
	dead or succumb to their injuries undergo necropsies by the Bermuda Turtle Project and BAMZ staff.
2c	dead or succumb to their injuries undergo necropsies by the Bermuda Turtle Project and BAMZ staff. What assistance, if any, does your country require in order to overcome these obstacles?
2c	
2c	What assistance, if any, does your country require in order to overcome these obstacles?
	What assistance, if any, does your country require in order to overcome these obstacles? Regional marine plastics clean up.
	What assistance, if any, does your country require in order to overcome these obstacles? Regional marine plastics clean up. What are the major pressures on Appendix I marine turtles (transcending mere obstacles to migration)?
	What assistance, if any, does your country require in order to overcome these obstacles? Regional marine plastics clean up. What are the major pressures on Appendix I marine turtles (transcending mere obstacles to migration)? Collection of eggs Predation of eggs
	What assistance, if any, does your country require in order to overcome these obstacles? Regional marine plastics clean up. What are the major pressures on Appendix I marine turtles (transcending mere obstacles to migration)? Collection of eggs Predation of eggs Destruction of nesting beaches
3	What assistance, if any, does your country require in order to overcome these obstacles? Regional marine plastics clean up. What are the major pressures on Appendix I marine turtles (transcending mere obstacles to migration)? Collection of eggs Predation of eggs Destruction of nesting beaches Other (please specify) Loss of seagrass habitat What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further
3	What assistance, if any, does your country require in order to overcome these obstacles? Regional marine plastics clean up. What are the major pressures on Appendix I marine turtles (transcending mere obstacles to migration)? Collection of eggs Predation of eggs Destruction of nesting beaches Other (please specify) Loss of seagrass habitat What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine turtles beyond actions to prevent disruption to migrating behaviour? Seagrass restoration techniques are being tested in Bermuda. A ban on plastic shopping bags is being
3 3a	What assistance, if any, does your country require in order to overcome these obstacles? Regional marine plastics clean up. What are the major pressures on Appendix I marine turtles (transcending mere obstacles to migration)? Collection of eggs Predation of eggs Destruction of nesting beaches Other (please specify) Loss of seagrass habitat What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of marine turtles beyond actions to prevent disruption to migrating behaviour? Seagrass restoration techniques are being tested in Bermuda. A ban on plastic shopping bags is being considered.

3.2 Questions on specific Appendix I marine turtles

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

Specie	es name – Common Name(s)	Chelonia mydas	Green tu	ırtle	
1	Please provide published distribution	on reference:			
2a	Summarise information on populat	tion size (if known):			
	increasing decreasing decreasing	stable	not knov	wn 🗌	unclear 🛛
2b	Summarise information on distribu	tion (if known):			
	increasing decreasing	stable	not knov	wn 🗌	unclear 🛛
	Bermuda has experienced a large (Murdoch et al. 2007 Mar. Eco.). The results of a long-term taggin grass meadow study sites (where the sea grass decline (unpub. data	Prog. Ser.) which he study indicate the depth of water <2	has affect hat the (20 feet) (cted green turtle of CPUE in 5 of the did dropped signification	distribution in the last decade. near shore and off shore sea ntly throughout the period of
3	Indicate (with an 'X') and briefly or reporting period. (Please provide t				
	Research juveniles in the developmental ha		⊠ Turtle Pi		ng and recapture studies on
	Identification and establishment of	protected areas			
	Monitoring (Bermuda Aquarium Museum an Conservation Services)		⊠ f grazinį		in the Bermuda Platform ass meadows (Dept.
	Education / awareness rising		\boxtimes	Public presentat	tions and articles in local media
	Species protection Protected Species Act (Protected		⊠ 07)	C. mydas is prot	ected under the Bermuda
	Control hunting / poaching		\boxtimes	Thought to be el	liminated
	Species restoration				
	Habitat protection been extended seaward to include mydas		⊠ e sea gr		of some coastal parks have ch support foraging juvenile <i>C</i> .
	Habitat restoration				
	Other				
4	If no activities have been carried of taken?	ut for this species in	n the rep	porting period, who	at has prevented such action being
5	Describe any future activities that a	are planned for this	species:		
	The tagging, monitoring and	l education activitie	es of the	Bermuda Turtle P	Project will continue.

Specie	cies name – Common Name(s) Eretmochelys imbricata Hawksbill turtle				
1	Please provide published distribution reference:				
2a	Summarise information on population size (if known):				
	increasing ☐ decreasing ☐ stable ☐ not known ☐ unclear ☐				
2b	Summarise information on distribution (if known):				
	increasing decreasing not known unclear unclear				
3	Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):				
	Research				
	Identification and establishment of protected areas				
	Monitoring Strandings within the Bermuda Platform (Bermuda Aquarium Museum and Zoo)				
	Education / awareness rising Public presentations and articles in local media				
	Species protection E. imbricata is protected under the Bermuda Protected Species Act (Protected Species Order 2007)				
	Control hunting / poaching Thought to be eliminated				
	Species restoration				
	Habitat protection				
	Habitat restoration				
	Other \square				
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:				
	The tagging, monitoring and education activities of the Bermuda Turtle Project will continue.				
Specie	es name – Common Name(s) Caretta caretta Loggerhead turtle				
1	Please provide published distribution reference:				
2a	Summarise information on population size (if known):				
	increasing				
	Bermuda has no resident population				
2b	Summarise information on distribution (if known):				
	increasing decreasing stable not known unclear				

3	Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):
	Research
	Identification and establishment of protected areas
	Monitoring Strandings within the Bermuda Platform (Bermuda Aquarium Museum and Zoo)
	Education / awareness rising
	Species protection C. caretta is protected under the Bermuda Protected Species Act (Protected Species Order 2007)
	Control hunting / poaching
	Species restoration
	Habitat protection
	Habitat restoration
	Other
4	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
5	Describe any future activities that are planned for this species:
Specie	es name – Common Name(s) Dermochelys coriacea Leatherback turtle
1	Please provide published distribution reference:
2a	Summarise information on population size (if known):
	increasing decreasing stable not known unclear
	Bermuda has no resident population
2b	Summarise information on distribution (if known):
	increasing decreasing stable not known unclear
3	Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):
	Research
	Identification and establishment of protected areas
	Monitoring Strandings within the Bermuda Platform (Bermuda Aquarium Museum and Zoo
	Education / awareness rising
	Species protection Protected Species Act (Protected Species Order 2007) D. coriacea is protected under the Bermuda
	Control hunting / poaching
	Species restoration
	Habitat protection
	Habitat restoration
	Other
4	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
5	Describe any future activities that are planned for this species:

Species name – Common Name(s)		Lepidochelys ke	mpii Ke	mp's Ridle	y Turtle	
1	Please provide published distribution reference:					
2a	Summarise information on population size (if known):					
	increasing decreasing s	stable	not kno	wn 🗌	unclear	
	Bermuda has no resident populat	ion				
2b	Summarise information on distributi	ion (if known):				
	increasing decreasing s	stable	not kno	wn 🗌	unclear 🗌	
3	Indicate (with an 'X') and briefly de reporting period. (Please provide the				carried out in favour of this species in this, where available):	he
	Research					
	Identification and establishment of p	protected areas				
	Monitoring	1.7		Strandin	gs within the Bermuda Platform	
	(Bermuda Aquarium Museum and	d Zoo				
	Education / awareness rising					
	Species protection					
	Control hunting / poaching					
	Species restoration					
	Habitat protection					
	Habitat restoration					
	Other					
4	If no activities have been carried out taken?	t for this species	in the re	porting per	iod, what has prevented such action beir	ng
5	Describe any future activities that ar	re planned for thi	s species	:		

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

The Bermuda Protected Species Act 2003 (Protected Species Order 2007) protects *Chelonia mydas*, *Eretmochelys imbricata*, *Caretta caretta* and *Dermochelys coriacea*. The Bermuda Fisheries Act (Protected Species Order 1978) protects all marine turtles within Bermuda's EEZ.

4 TERRESTRIAL MAMMALS (OTHER THAN BATS)

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

Bermuda has no native terrestrial mammals. None are protected by legislation.

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

5. BATS

5.1 General questions on Appendix I bats

Appendix I bat species do not occur in Bermuda

5.2 Questions on specific Appendix I bat species

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

6	Ω TH	rd T	Γ_{Λ}	V۸
U. '	(<i>)</i> H	r, K	A	$\mathbf{A} \mathbf{A}$

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:
	Department of Conservation Services (Ministry of Public Works), Department of Environmental Protection (Ministry of the 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 other legislation is relevant, please provide details:
2a	If the taking of Appendix I species belonging to taxa not included in sections 1-5 above is prohibited by law, have any exceptions been granted to the prohibition? If Yes, please provide details (Include the date on which the exception was
	notified to the CMS Secretariat pursuant to CMS Article III(7)):
3	Identify any obstacles to migration that exist in relation to Appendix I species belonging to taxa not included in sections 1-5 above:
	Lack of legislation
	Other threats to migration (please provide details)
3a	What actions are being undertaken to overcome these obstacles?
3b	Please report on the progress / success of the actions taken.
3c	What assistance, if any, does your country require in order to overcome these obstacles?
4	What are the major threats to Appendix I species belonging to taxa not included in sections 1-5 above (transcending mere obstacles to migration)?
	Other (please specify) Fishing
4a	What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species belonging to taxa not included in section 1-5 above beyond actions to prevent disruption to migrating behaviour?
	The fisheries regulations 2010 made the fining of sharks at sea an offense.
4b	Please report on the progress / success of the actions taken.
4c	Describe any factors that may limit action being taken in this regard:
4d	What assistance, if any, does your country require to overcome these factors?

6.2 Questions on specific Appendix I species belonging to other taxa

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

Spec	ies name – Common Name(s) Carcharodon carcharias Great White Shark				
1	Please provide published distribution reference:				
2a	Summarise information on population size (if known):				
	increasing				
2b	Summarise information on distribution (if known):				
	increasing accreasing accrea				
3	Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):				
	Research				
	Identification and establishment of protected areas				
	Monitoring				
	Education / awareness rising				
	Species protection				
	Control hunting / poaching				
	Species restoration				
	Habitat protection				
	Habitat restoration				
	Other				
4	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?				
	Rarely encountered – only one credible recorded sighting in local waters (Smith-Vaniz et al. 1999)				
5	Describe any future activities that are planned for this species:				
	Any reports of sightings will be recorded at the Bermuda Natural History Museum.				
Misce	ellaneous information or comments on Appendix I bats in general:				

_	T	
7	LISTING OF OTHER ENDANGERED MIGRATORY SPECIES IN A	A PPFNDIY I
,	- 1210 1 1190 070 071 071 071 11190 191912601901901912 191101066 10710 1 091 19071190 119 7	31111/1/1/1/

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

 $^{^{\}rm 1}$ according to the latest IUCN red data list

III. Appendix II Species

1. INFORMATION ON APPENDIX II SPECIES

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

2.	QUESTIONS ON CMS AGREEMENTS
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	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 Yes No						
	biodiversity strategy or action plan?						
	If Yes, please indicate and briefly describe the extent to which it addresses the following issues:						
	Conservation, sustainable use and/or restoration of migratory species Species Recovery Plans are required for all species listed under the Bermuda Protected Species Act 2003. This includes the following appendix I species: Pterodroma cahow, Chelonia mydas, Caretta caretta, Eretmochelys imbricata, Dermochelys coriacea.						
	Conservation, sustainable use and/or restoration of the habitats of migratory species, including protected areas Objective I of the NBSAP deals with Protected Areas and Objective J calls for species and habitat management plans. Particular emphasis is placed on habitats of Protected Species.						
	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) management of invasive species, including feral animals are called for in the NBSAP.						
	Minimizing or eliminating barriers or obstacles to migration						
	Research and monitoring of migratory species research and monitoring are addressed in Objective K of the NBSAP.						
	☐ Transboundary co-operation the NBSAP calls for participation in regional biodiversity conservation activities, workshops and conferences. It also encourages collaboration with colleagues in other jurisdictions, particularly overseas experts for research and monitoring projects.						
3	Does the conservation of migratory species currently feature in any other national Yes or regional policies/plans (apart from CMS Agreements) If Yes, please provide details:						
3a	Do these policies/plans cover the following areas (if Yes, please provide details):						
Su	Yes No						
	Exploitation of natural resources (e.g. fisheries, hunting, etc.)						
	☐ Economic development						
	Land-use planning						
	☐ Pollution control						
	☐ ☐ Designation and development of protected areas						
	☐ Development of ecological networks						
	☐ Planning of power lines						
	☐ Planning of fences						
	☐ ☐ Planning of dams						
	☐ ☐ Other						

4	Results – please describe the positive outcomes of any actions taken

1	Are migratory species taken into account in the selection, establishment and management of protected areas in your country?							
	If Yes, please provide details: Most of the wetlands designated as Ramsar sites were nominated, in part, because they are important sites for migratory birds. Most of these ponds, marshes and associated woodlands are also nature reserves. The marine extensions of some coastal nature reserves were added as they contain seagrass beds which are important foraging habitats for Green Turtles (<i>Chelonia mydas</i>).							
1a	Please identify the most important national sites for migratory species and their protection status:							
	• Spittal Pond Nature Reserve – the inner part is a bird sanctuary owned by the Bermuda National Trust, the outer part is nature reserve owned by the Bermuda Government. The entire area is a Ramsar Site (UK41007).							
	 Castle Harbour Islands Nature Reserve – This reserve is owned by the Bermuda Government and public access is strictly controlled. It is listed by BirdLife International as an Important Bird Area (IBA) and is proposed for listing as a Ramsar Site (UK41015). 							
	 Somerset Long Bay Pond (West) – a nature reserve owned by the Bermuda Audubon Society, with strictly controlled public access; also a Ramsar Site (UK41006). 							
	 Somerset Long Bay Pond (East) – nature reserve jointly owned by the Bermuda Audubon Society and Bermuda National Trust. 							
	 Hungry Bay Nature Reserve – Government owned nature reserve with limited public access; also a Ramsar site (UK41002). 							
	 Cooper's Island Nature Reserve (including marine areas) – nature reserve owned by the Bermuda Government. It is listed by BirdLife International as an Important Bird Area (IBA) and is proposed for listing as a Ramsar Site (UK41015). 							
	 Devonshire Marsh – portions owned by the Bermuda Audubon Society and Bermuda National Trust as nature reserves. Proposed as a Ramsar Site (UK41001). 							
	 Paget Marsh – nature reserve jointly owned by the Bermuda National Trust and Bermuda Audubon Society; also a Ramsar Site (UK41007). 							
	 Pembroke Marsh – Government owned nature reserve with limited public access; also a Ramsar Site (UK41005). 							
1b	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							
	⊠ ☐ Aquatic							
1c	Identify the agency, department or organization responsible for leading on this action in your country:							
2	Results – please describe the positive outcomes of any actions taken							
L								

VI. Policies on Satellite Telemetry

VII. Membership

VIII. Global and National Importance of CMS

IX. Mobilization of Resources

X. Implementation of COP Resolutions and Recommendations

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

Resolutions

Resolution 6.2 – By-catch, and Recommendation 7.2 – Implementation of Resolution 6.2 on By-catch

Resolution 6.3 – Southern Hemisphere Albatross Conservation

Resolution 7.2 – Impact Assessment and Migratory Species

Resolution 7.3 – Oil Pollution and Migratory Species

Resolution 7.4 – Electrocution of Migratory Birds

Resolution 7.5 – Wind Turbines and Migratory Species

Resolution 7.9 – Cooperation with Other Bodies and Processes

Resolution 7.15 – Future Action on the Antarctic Minke, Bryde's and Pygmy Right Whales under the Convention on Migratory Species

Resolution 8.1 – Sustainable Use

Resolution 8.2 – CMS Strategic Plan 2006-2011

Resolution 8.5 - Implementation of Existing Agreements and Development of Future Agreements

Resolution 8.7 - Contribution of CMS in Achieving the 2010 Biodiversity Target

Resolution 8.9 - Review of GROMS (Global Register on Migratory Species)

Resolution 8.11 - Co-operation with other Conventions

Resolution 8.13 - Climate Change and Migratory Species

Resolution 8.14 – By-Catch

Resolution 8.22 - Adverse Human Induced Impacts on Cetaceans

Resolution 8.24 - National Reports for the Eighth and Ninth Meetings of the Conference of the Parties

Resolution 8.27 - Migratory Species and Highly Pathogenic Avian Influenza

Resolution 8.29 - Concerted Actions for Appendix I Species

Resolution 9.1 – Concerted and Cooperative Actions

Resolution 9.2 – Priorities for CMS Agreements

Resolution 9.3 – CMS Information Priorities

Resolution 9.5 – Outreach and Communication Issues

Resolution 9.7 – Climate Change Impacts on Migratory Species

Resolution 9.9 – Migratory Marine Species

Resolution 9.12 - Capacity Building Strategy

Resolution 9.18 – By-catch

Resolution 9.19 - Adverse Anthropogenic Marine/Ocean Noise Impacts on Cetaceans and other Biota

Resolution 9.20 - the Saker Falcon

Recommendations

Recommendation 7.5 – Range State Agreement for Dugong (*Dugong dugon*) Conservation

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

Recommendation 7.7 – America Pacific Flyway Programme

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

Recommendation 8.16 – Migratory Sharks

Recommendation 8.17 – Marine Turtles

Recommendation 8.23 - Central Eurasian and Aridland Mammals

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

Recommendation 8.28 - Cooperative Actions for Appendix II Species

Recommendation 9.1 – Central Eurasian Aridland Mammals

Recommendation 9.2 – Sahelo-Saharan Megafauna

Recommendation 9.3 – Tigers and Other Asian Big Cats

Recommendation 9.5 - Cooperative Action for the Elephant (Loxodonta africana) in Central Africa

Other resolutions/recommendations:

Other remarks:

Annex: Updating Data on Appendix II Species

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

New Parties which have acceded since COP9 in 2008 and Parties which did not submit a National Report in 2008 are requested to complete the entire form.

Parties that did submit a report in 2008 need only which information has changed (e.g. new published distribution references and details concerning species added to Appendix II at COP8 and COP9).

Chirolophus ferrumequinum	Species	Range State	Extinct at National level	No information available	Published distribution reference
Conly European populations Conly European		CHIR	OPTERA		
Rhinolophus hipposideros	Rhinolophus ferrumequinum				
Conly European populations	(only European populations)	_		_	
Rhinolophus euryale					
Conly European populations					
Rhinolophus mehelyi (only European populations) Rhinolophus blasii (only European populations) Myotis bechsteini (only European populations) Myotis blythi (only European populations) Myotis brandtii (only European populations) Myotis brandtii (only European populations) Myotis brandtii (only European populations) Myotis dayscneme (only European populations) Myotis daubentoni (only European populations) Myotis myotis daubentoni (only European populations) Myotis myotis (only European populations) Myotis myotis (only European populations) Myotis mystacinus (only European populations) Myotis mystacinus (only European populations) Myotis mystacinus (only European populations) Myotis nattereri (only European populations) Pipistrellus kuhli (only European populations) Pipistrellus kuhlii (only European populations) Pipistrellus rathusii (only European populations)	÷ *				
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	Pipistrellus nathusii	П	П	П	
District and Horse and independent of the Control o	(only European populations)				
Pipistreilus pipistreilus	Pipistrellus pipistrellus				
(only European populations)					
Pipistrellus pygmaeus					
(only European populations)					
Pipistrellus savii	-				
(only European populations)			_		
Nyctalus lasiopterus	*				

Species	Range State	Extinct at National level	No information available	Published distribution reference
Nyctalus leisleri (only European populations)				
Nyctalus noctula	П	П	П	
(only European populations)				
Eptesicus nilssonii				
(only European populations)				
Eptesicus serotinus (only European populations)				
Vespertilio murinus		П		
(only European populations)				
Barbastella barbastellus				
(only European populations)			_	
Plecotus auritus (only European populations)				
Plecotus austriacus				
(only European populations)				
Miniopterus schreibersii				
(only European populations)	_	<u> </u>	_	
Miniopterus schreibersii				
(African populations) Tadarida teniotis				
			Ш	
Eidolon helvum				
Otomops martiensseni				
Otomops madagascariensis				
	CE	ГАСЕА	•	
Physeter macrocephalus				sightings and strandings recorded at Bermuda Aquarium, Museum and Zoo (BAMZ)
Platanista gangetica gangetica				, ,
Pontoporia blainvillei				
Inia geoffrensis	П	П	П	
Delphinapterus leucas				
Monodon monoceros				
Phocoena phocoena (North and Baltic Sea populations)				
Phocoena phocoena				
(western North Atlantic population)				
Phocoena phocoena (Black Sea population)				
Phocoena phocoena (NW African popuolation)				
Neophocaena phocaenoides				
Phocoenoides dalli				
Phocoena spinipinnis				
Phocoena dioptrica				
Sousa chinensis				
Sousa teuszii				
Sotalia fluviatilis			<u> </u>	

Species	Range State	Extinct at National level	No information available	Published distribution reference
Sotalia guiansensis				
Lagenorhynchus albirostris (only North and Baltic Sea populations)				
Lagenorhynchus acutus				
(only North and Baltic Sea populations) Lagenorhynchus australis				
Lagenorhynchus obscurus				
Grampus griseus (only North and Baltic Sea populations)				
Grampus griseus (only Mediterranean populations)				
Tursiops aduncus				
(Arafura/Timor Sea populations) Tursiops truncatus				
(North and Baltic Sea populations) Tursiops truncatus				
(Mediterranean population) Tursiops truncatus				
(Black Sea population)				
Stenella attenuata (eastern tropical Pacific population)				
Stenella attenuata (Southeast Asian populations)				
Stenella clymene				
(West African population) Stenella longirostris				
(eastern tropical Pacific populations) Stenella longirostris				
(Southeast Asian populations) Stenella coeruleoalba				
(eastern tropical Pacific population)				
Stenella coeruleoalba (western Mediterranean population)			Ш	
Delphinus delphis (North and Baltic Sea populations)				
Delphinus delphis (western Mediterranean population)				
Delphinus delphis				
(Black Sea population) Delphinus delphis				
(eastern tropical Pacific population) Lagenodelphis hosei				
(Southeast Asian populations) Orcaella brevirostris				
Orcaella heinsohni				
Cephalorhynchus commersonii (South American population)				
Cephalorhynchus eutropia				
Cephalorhynchus heavisidii				
Orcinus orca				
Globicephala melas (only North and Baltic Sea populations)				

Species	Range State	Extinct at National level	No information available	Published distribution reference		
Berardius bairdii						
Hyperoodon ampullatus						
Balaenoptera bonaerensis	П		П			
Balaenoptera edeni						
Balaenoptera borealis						
Balaenoptera mourai						
Balaenoptera physalus						
Caperea marginata						
Caperea marginaia						
Arctocephalus australis	CAR	NIVORA				
Otaria flavescens		Ш	Ш			
Phoca vitulina (only Baltic and Wadden Sea populations)						
Halichoerus grypus	П					
(only Baltic Sea populations)						
Monachus monachus						
Lycaon pictus						
	Prob	OSCIDEA				
Loxodonta africana						
Loxodonta cyclotis						
	SII	RENIA				
Trichechus manatus (populations between Honduras and Panama)						
Trichechus senegalensis						
Trichechus inunguis						
Dugong dugon						
	PERISSO	DDACTYLA				
Equus hemionus (includes Equus hemionu and, Equus onage)						
Equus kiang						
	ARTIO	DACTYLA				
Vicugna vicugna						
Cervus elaphus yarkendensis						
Oryx dammah						
Gazella gazella						
(only Asian populations)						
Gazella erlangeri						
Gazella subgutturosa Procapra gutturosa						
Ammotragus lervia						
Saiga tatarica						
Saiga borealis						
GAVIIFORMES						
Gavia stellata (Western Palearctic populations)						

Species	Range State	Extinct at National	No information	Published distribution reference
		level	available	
Gavia arctica arctica				
Gavia arctica suschkini				
Gavia immer immer (Northwest European population)				Rare vagrant (Amos, 1991; Dobson, 2002)
Gavia adamsii				
(Western Palearctic population)				
	PODICIP	EDIFORMES		
Podiceps grisegena grisegena				Rare vagrant (Amos, 1991; Dobson, 2002; Raine, 2003)
Podiceps auritus (Western Palearctic populations)				occasional vagrant (Amos, 1991)rare vagrant (Dobson, 2002) uncommon vagrant (Raine, 2003)
	PELECA	NIFORMES		
Phalacrocorax nigrogularis				
Phalacrocorax pygmeus				
Pelecanus onocrotalus				
(Western Palearctic populations)				
Pelecanus crispus				
	CICON	IIFORMES		
Botaurus stellaris stellaris (Western Palearctic populations)				
Ixobrychus minutus minutus (Western Palearctic populations)				
Ixobrychus sturmii				
Ardeola rufiventris				
Ardeola idae				
Egretta vinaceigula				
Casmerodius albus albus (Western Palearctic populations)				regular vagrant (Amos, 1991) frequent vagrant (Raine, 2003) Migrant, winter resident, occasional summer resident (Dobson, 2002).
Ardea purpurea purpurea				
(populations breeding in the Western Palearctic)				
Mycteria ibis				
Ciconia nigra				
Ciconia episcopus microscelis				
Ciconia ciconia				
Plegadis falcinellus				
Geronticus eremita				
Threskiornis aethiopicus aethiopicus				
Platalea alba				
(excluding Malagasy population) Platalea leucorodia				
	PHOENICO	PTERIFORMES		
Phoenicopterus ruber				Rare vagrant (Amos, 1991; Dobson, 2002;Raine, 2003)
Phoenicopterus minor				,
	ANSER	RIFORMES	ı	ı
Dendrocygna bicolor				frequent but erratic vagrant (Amos, 1991)

Species	Range State	Extinct at National level	No information available	Published distribution reference
				vagrant, occasional summer resident (Dobson, 2002) frequent vagrant (Raine, 2003)
Dendrocygna viduata			Ш	
Thalassornis leuconotus				
Oxyura leucocephala				
Cygnus olor				
Cygnus cygnus				
Cygnus columbianus				
Anser brachyrhynchus				
Anser fabalis				
Anser albifrons				
Anser erythropus				
Anser anser				
Branta leucopsis				
Branta bernicla				rare vagrant (Amos, 1991; Dobson, 2002; Raine, 2003)
Branta ruficollis				
Alopochen aegyptiacus				
Tadorna ferruginea				
Tadorna cana				
Tadorna tadorna				
Plectropterus gambensis				
Sarkidiornis melanotos				
Nettapus auritus				
Anas penelope				frequent but rare vagrant (Amos, 1991); rare vagrant (Raine, 2003) vagrant, occasional winter resident (Dobson, 2002)
Anas strepera				frequent but rare vagrant (Amos, 1991); rare vagrant (Raine, 2003) vagrant, occasional winter resident (Dobson, 2002)
Anas crecca				common vagrant (Amos, 1991); frequent vagrant (Raine, 2003) vagrant, occasional winter resident (Dobson, 2002)
Anas capensis				1 1
Anas platyrhynchos				common breeding (Amos, 1991) Resident, uncommon vagrant (Raine, 2003)Permanent resident, occasional winter resident (Dobson, 2002)
Anas undulata				
Anas acuta				regular but uncommon vagrant (Amos, 1991) uncommon vagrant (Raine, 2003) Vagrant, occasional winter resident (Dobson, 2002)

Species	Range State	Extinct at National	No information	Published distribution reference
	State	level	available	reference
Anas erythrorhyncha				
Anas hottentota				
Anas querquedula				very rare vagrant (1
This que que una				record)(Amos, 1991) rare vagrant (Raine, 2003) vagrant (Dobson, 2002)
Anas clypeata				regular but uncommon vagrant (Amos, 1991) uncommon vagrant (Raine, 2003) Vagrant, occasional winter resident (Dobson, 2002)
Marmaronetta angustirostris				
Netta rufina				
Netta erythrophthalma				
Aythya ferina				
Aythya nyroca				
Aythya fuligula				vagrant (Dobson, 2002) uncommon vagrant (Raine, 2003)
Aythya marila				regular but scarce vagrant (Amos, 1991) occasional vagrant (Raine, 2003) vagrant, occasional winter resident (Dobson, 2002)
Somateria mollissima				,
Somateria spectabilis				
Polysticta stelleri				
Clangula hyemalis				rare vagrant (Amos, 1991; Dobson, 2002;Raine, 2003)
Melanitta nigra				occasional vagrant (Amos, 1991) rare vagrant (Dobson, 2002) uncommon vagrant (Raine, 2003)
Melanitta fusca				very rare vagrant (Amos, 1991) rare vagrant (Dobson, 2002; Raine, 2003)
Bucephala clangula				frequent but scarce vagrant (Amos, 1991) uncommon vagrant (Raine, 2003) vagrant, occasional winter resident (Dobson, 2002)
Mergellus albellus				
Mergus serrator				frequent but uncommon vagrant (Amos, 1991) uncommon vagrant (Raine, 2003) vagrant, occasional winter resident (Dobson, 2002)
Mergus merganser				occasional vagrant (Amos, 1991; Raine, 2003) vagrant, occasional winter resident (Dobson, 2002)
	FALCO	NIFORMES		

Species	Range	Extinct at	No	Published distribution
•	State	National	information	reference
		level	available	1
Pandion haliaetus				regular transient (Amos, 1991) frequent migrant (Raine, 2003) migrant, occasional summer and winter resident (Dobson, 2002)
	GALL	IFORMES		
Coturnix coturnix coturnix				
	SPHENI	SCIFORMES		
Spheniscus demersus				
	PROCELL	ARIIFORMES		
Diomedea exulans				
Diomedea epomophora				
Diomedea irrorata				
Diomedea nigripes				
Diomedea immutabilis				
Diomedea melanophris				
Diomedea bulleri				
Diomedea cauta				
Diomedea chlororhynchos				
Diomedea chrysostoma				
Phoebetria fusca				
Phoebetria palpebrata				
Macronectes giganteus				
Macronectes halli				
Procellaria cinerea				
Procellaria aequinoctialis				
Procellaria aequinoctialis conspicillata				
Procellaria parkinsoni				
Procellaria westlandica				
	GRUI	FORMES		
Porzana porzana				
(populations breeding in the Western Palearctic)				
Porzana parva parva				
Porzana pusilla intermedia				
Fulica atra atra				
(Mediterranean and Black Sea populations)				
Aenigmatolimnas marginalis				
Sarothrura boehmi				
Sarothrura ayresi				
Crex crex				rare vagrant (Amos 1991; Dobson, 2002;Raine, 2003)
Grus leucogeranus				
Grus virgo (Syn. Anthropoides virgo)				
Grus paradisea				
Grus carunculatus				
Grus grus				
Chlamydotis undulata				
(only Asian populations)				
Otis tarda				

Species	Range	Extinct at	No	Published distribution			
	State	National	information	reference			
		level	available				
CHARADRIIFORMES							
Himantopus himantopus							
Recurvirostra avosetta							
Dromas ardeola							
Burhinus oedicnemus							
Glareola pratincola							
Glareola nordmanni							
Glareola nuchalis							
Pluvialis apricaria							
Pluvialis squatarola				common migrant (Amos, 1991; Raine, 2003) migrant, winter resident, occasional summer resident (Dobson, 2002)			
Charadrius hiaticula							
Charadrius dubius							
Charadrius pecuarius							
Charadrius tricollaris							
Charadrius forbesi							
Charadrius pallidus							
Charadrius alexandrinus							
Charadrius marginatus							
Charadrius mongulus							
Charadrius leschenaultii							
Charadrius asiaticus							
Eudromias morinellus				very rare vagrant (Amos, 1991; Dobson, 2002) rare vagrant (Raine, 2003)			
Vanellus vanellus				rare vagrant (Amos, 1991; Dobson, 2002;Raine, 2003)			
Vanellus spinosus				,			
Vanellus albiceps							
Vanellus senegallus							
Vanellus lugubris							
Vanellus melanopterus							
Vanellus coronatus							
Vanellus superciliosus							
Vanellus gregarius (Syn Chettusia gregaria)							
Vanellus leucurus							
Gallinago media							
Gallinago gallinago				common but erratic migrant (Amos, 1991) common migrant (Raine, 2003) rare vagrant (Dobson, 2002)			
Lymnocryptes minimus							
Limosa limosa				?			
Limosa lapponica				rare vagrant (Dobson, 2002; Raine, 2003)			
Numenius phaeopus				regular but			

Species	Range State	Extinct at National level	No information available	Published distribution reference
				uncommon vagrant (Amos, 1991) uncommon vagrant (Raine, 2003) vagrant, occasional winter resident (Dobson, 2002)
Numenius tenuirostris				
Numenius arquata				
Tringa erythropus				
Tringa totanus				
Tringa stagnatilis				
Tringa nebularia				very rare vagrant (Amos, 1991); rare vagrant (Dobson, 2002;Raine, 2003)
Tringa ochropus				
Tringa glareola				rare vagrant (Amos, 1991; Dobson, 2002; Raine, 2003)
Tringa cinerea				
Tringa hypoleucos				
Arenaria interpres				common migrant (Amos, 1991) abundant migrant (Raine, 2003) migrant, summer and winter resident (Dobson, 2002)
Calidris tenuirostris				
Calidris canutus				uncommon migrant (Dobson, 2002)occasional migrant (Raine, 2003)
Calidris alba				regular migrant (Amos, 1991) common migrant (Raine, 2003) migrant and winter resident (Dobson, 2002)
Calidris minuta				very rare vagrant (Amos, 1991) rare vagrant (Dobson, 2002;Raine, 2003)
Calidris temminckii				
Calidris maritima				?
Calidris alpina				frequent but scarce vagrant (Amos, 1991) vagrant, occasional winter resident (Dobson, 2002) occasional vagrant (Raine, 2003)
Calidris ferruginea				rare vagrant (Amos, 1991; Dobson, 2002;Raine, 2003)
Limicola falcinellus				
Philomachus pugnax				frequent vagrant (Amos, 1991) rare vagrant (Dobson, 2002) occasional vagrant (Raine, 2003)
Phalaropus lobatus				spring pelagic transient (Amos, 1991) rare vagrant (Dobson, 2002)

Species	Range State	Extinct at National level	No information available	Published distribution reference
				frequent pelagic migrant (Raine, 2003)
Phalaropus fulicaria				regular spring pelagic transient (Amos, 1991) rare vagrant (Dobson, 2002) frequent pelagic migrant(Raine, 2003)
Larus hemprichii				2000)
Larus leucophthalmus				
Larus ichthyaetus (West Eurasian and African population)				
Larus melanocephalus				
Larus genei				
Larus audouinii				
Larus armenicus				
Sterna nilotica nilotica (West Eurasian and African populations)				occasional vagrant (Amos, 1991) rare vagrant (Dobson, 2002) uncommon vagrant (Raine, 2003)
Sterna caspia (West Eurasian and African populations)				rare vagrant (Amos, 1991; Dobson, 2002;Raine, 2003)
Sterna maxima albidorsalis				frequent vagrant (Amos, 1991) occasional vagrant (Raine, 2003) vagrant and occasional winter resident (Dobson, 2002)
Sterna bergii (African and Southwest Asian populations)				
Sterna bengalensis (African and Southwest Asian populations)				
Sterna sandvicensis sandvicensis				frequent but uncommon vagrant (Amos, 1991) rare vagrant (Dobson, 2002) uncommon vagrant (Raine, 2003)
Sterna dougallii (Atlantic population)				occasional vagrant (Amos, 1991) rare vagrant (Dobson, 2002) uncommon vagrant (Raine, 2003)
Sterna hirundo hirundo (populations breeding in the Western Palearctic)				Locally common breeder. Common transient and seasonal resident (Amos, 1991). Migrant, visits to breed (Dobson, 2002) Common resident and migrant. Breeds April-Nov. (Raine, 2003) Nature Reserves (Tern Nesting Areas) Order 1976 made under the Protection of Birds Act 1975
Sterna paradisaea				common spring

Species	Range State	Extinct at National level	No information available	Published distribution reference
(Atlantic populations)				pelagic transient (Amos, 1991) migrant (Dobson, 2002) common pelagic migrant. (Raine 2003)
Sterna albifrons				
Sterna saundersi	Ц		Ш	
Sterna balaenarum	Ш		Ш	
Sterna repressa	Ш		Ш	
Chlidonias niger niger				regular but often scarce vagrant (Amos, 1991) uncommon vagrant (Dobson, 2002) occasional vagrant (Raine, 2003)
Chlidonias leucopterus (West Eurasian and African population)				?
Rynchops flavirostris				
, , , , , , , , , , , , , , , , , , ,	COLUM	BIFORMES	<u> </u>	<u>l</u>
Streptopelia turtur turtur				
	Contro	IIFORMES		
Merops apiaster		IIFORMES		
Coracias garrulus				
Coracias garraius	PSITTA	CIFORMES		
Amazona tucumana				
	PASSEI	RIFORMES		
Acrocephalus paludicola				
Hirundo atrocaerulea				
Alectrurus risora				
Alectrurus tricolor				
Pseudocolopteryx dinellianus				
Polystictus pectoralis pectoralis				
Sporophila ruficollis				
Sporophila zelichi				
Sporophila cinnamomea				
Sporophila hypochroma				
Sporophila palustris				
Agelaius flavus	Ш		Ш	
	TEST	UDINATA		
Chelonia depressa				
Chelonia mydas				
Caretta caretta				
Eretmochelys imbricata				
Lepidochelys kempii				
Lepidochelys olivacea Dermochelys coriacea				
Podocnemis expansa				
1 опоснения ехранза	Свое	CODYLIA		
Crocodylus porosus				
	ACIPENS	ERIFORMES	• 	
Huso huso				
Huso dauricus				
Acipenser baerii baicalensis				

Species	Range State	Extinct at National level	No information available	Published distribution reference
Acipenser fulvescens				
Acipenser gueldenstaedtii				
Acipenser medirostris				
Acipenser mikadoi				
Acipenser naccarii				
Acipenser nudiventris				
Acipenser persicus				
Acipenser ruthenus (Danube population)				
Acipenser schrenckii				
Acipenser sinensis				
Acipenser stellatus				
Acipenser sturio				
Pseudoscaphirhynchus kaufmanni				
Pseudoscaphirhynchus hermanni				
Pseudoscaphirhynchus fedtschenkoi				
Psephurus gladius				
	ORECTOI	OBIFORMES		
Rhincodon typus				Smith-Vaniz et al. 1999.
				R. typus is protected under the Protected Species Act 2003 (Protected Species Order 2007).
	LAMN	IFORMES		
Cetorhinus maximus				
Carcharodon carcharias				1 recorded sighting with photo (Smith-Vaniz et al. 1999)
Isurus oxyrinchus				Smith-Vaniz et al. 1999
Isurus paucus				Smith-Vaniz et al. 1999??
Lamna nasus				Smith-Vaniz et al. 1999. Canadian researchers have tracked them to the Sargasso Sea
	SQUAL	IFORMES		
Squalus acanthias (Northern Hemisphere populations)				
		OOPTERA		
Danaus plexippus				a roosting swarm of migratory D. plexippus are shown in the frontispiece of Ferguson et al. 1991.

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).

Pandionidae - Opsrey Falconidae - American Kestrel, Eurasian Kestrel, Merlin, Gyrfalcon, Peregrine Falcon

Accipitridae - Swallow-tailed Kite, Mississippi Kite, Bald Eagle, Northern Harrier, Sharp-shinned Hawk, Cooper's Hawk, Northern Goshawk, Red-tailed Hawk, Rough-legged Hawk, Booted Eagle

Species	Range State	Extinct	Published distribution reference					
Order FALCONIFORMES, Family Cathartidae								
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Order FALCON	IFORMES, Famil	y Accipitridae					
Pandion haliaetus	☐ Range State	☐ Extinct	Dobson, A. 2002. p159 regular transient Amos 1991. Migrant, occasional summer and winter resident (Dobson, 2002)					
Elanoides forficatus swallowtailed kite	Range State	☐ Extinct	rare vagrant (Dobson, 2002) occasional vagrant (Raine, 2003)					
Accipiter striatus sharp shinned	Range State	☐ Extinct	vagrant, occasional winter resident (Dobson, 2002) occasional vagrant (Raine, 2003)					
Ictinia mississippiensis miss kite	Range State	☐ Extinct	rare vagrant, recorded in Bermuda for the first time May 2002 (Raine, 2003)					
Haliaeetus leucocephalus bald	Range State	☐ Extinct	vagrant, occasional winter resident (Dobson, 2002) rare vagrant (Raine, 2003)					
Circus cyaneus harrier	Range State	Extinct	vagrant, occasional winter resident (Dobson, 2002) rare vagrant (Raine, 2003)					
Accipiter cooperii coopers	Range State	Extinct	rare vagrant (Dobson, 2002) rare vagrant (Raine, 2003)					
Accipiter gentilis goshawk	Range State	Extinct	rare vagrant (Dobson, 2002) occasional vagrant (Raine, 2003)					
Buteo jamaicensisredta	Range State	☐ Extinct	rare vagrant (Dobson, 2002) rare vagrant (Raine, 2003). One long-staying, possibly resident pair (http://www.audubon.bm/Bird%20News%20and %20Reports.htm)					
Buteo lagopusrough legg	Range State	☐ Extinct	rare vagrant (Dobson, 2002) rare vagrant (Raine, 2003)					
Hieraaetus pennatusbooted	Range State	☐ Extinct	rare vagrant 1 record 1989 (Dobson, 2002) rare vagrant (Raine, 2003)					

Order FALCONIFORMES, Family Falconidae								
Falco sparverius kestrel	☐ Range State	Extinct	Migrant and winter resident (Dobson, 2002) frequent vagrant (Raine, 2003)					
Falco columbarius merlin	☐ Range State	☐ Extinct	Migrant and winter resident (Dobson, 2002) common vagrant (Raine, 2003)					
Falco peregrinus	⊠ Range State	☐ Extinct	Migrant and occasional winter resident (Dobson, 2002) occasional migrant (Raine, 2003)					
Falco rusticolus gyrfalcon	Range State	☐ Extinct	rare vagrant 1 record 1992 (Dobson, 2002) rare vagrant (Raine, 2003)					
Falco tinnunculus eur kestrel	Range State	☐ Extinct	rare vagrant (Dobson, 2002) 1 record 1960s; rare vagrant (Raine, 2003)					
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Order PASSERIE	FORMES, Family	Muscicapidae					
Sialia sialis	Range State	Extinct	common permanent resident (Dobson, 2002); frequent resident (Raine, 2003)					
Catharus ustulatus swainsons thrush	Range State	☐ Extinct	occasional migrant (Raine, 2003)					
Catharus minimus	Range State	Extinct	occasional migrant (Raine, 2003)					
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	☐ Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						
	Range State	☐ Extinct						

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