

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?

Department of the Environment, Heritage and Local Government,

National Parks and Wildlife Service

List any other agencies that have provided input: None

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:	1988, 1991, 2002
Period covered by this report:	2002 - 2004
Date of entry into force of the Convention in Ireland:	1 November 1983
Territory to which the Convention applies:	Ireland
Reservations (against species listings):	None
Designated Focal Point:	Appointment to the Scientific Council:
Mr Christopher O'Grady Department of the Environment, Heritage and Local Government, National Parks and Wildlife Service, 7 Ely PlaceDublin 2 Ireland Tel.: (+353 1) 8883228 Fax: (+353 1) 8883276 E-mail: <u>chris_o'grady@environ.ie</u>	Mr. H. John Wilson Senior Research Scientist Department of the Environment, Heritage and Local Government National Parks and Wildlife Service, 7, Ely Place, Dublin 2 Ireland Tel.: (+353 1) 8883294 Fax: (+353 1) 8883278 E-mail: john_wilson@environ.ie
Membership of the Standing Committee:	Not applicable

Competent authority:	Department of the Environment, Heritage and Local Government
	National Parks and Wildlife Service, 7 Ely Place Dublin 2, Ireland
Implementing legislation:	Whale Fisheries Act 1937
	European Communities Act 1972
	The Wildlife Act 1976
	The Birds Directive, Council Directive 79/409/EEC of 2 nd April 1979 on the Conservation of Wild Birds.
	The Habitats Directive, Council Directive 92/43/EEC of 21 May 1992 on the Conservation of Natural Habitats and of Wild Fauna and Flora.
	European Communities Council Regulation (EC) No. 338/97 on the implementation in the European Community of the Washington Convention on International Trade in Endangered Species of Fauna and Flora (CITES).
	The Wildlife (Amendment) Act, 2000
	Various orders and regulations under the above Acts, for example:
	Whale Fisheries Act 1937 (Extension to mammals of the Order Cetacea) Order, 1982, (S.I. No. 240)
	Wildlife Act 1976, Annual Open Seasons Orders for Wild Birds and Mammals (1977 onwards)
	European Communities (Wild Birds) (Gadwall and Goldeneye) Regulations, 1982 (S.I. No. 241)
	European Communities (Prohibition of Importation of Skins of Certain Seal Pups and Related Products) Regulations, 1983 (S.I. No. 274)
	Wildlife Act 1976 (Control of Importation of Wild Animals and Wild Birds) Regulations, 1989 (S.I. No. 296)
	Habitats Regulations: European Communities (Natural Habitats) Regulations 1997 (SI No. 94/1997). This Regulation is currently under review.
Other relevant conventions/agreements (apart from CMS) to	Ramsar
which Ireland is a Party:	Berne Convention
	CITES
	Convention on Biological Diversity
	International Convention for the Regulation of Whaling
	AEWA
National policy instruments (e.g. national biodiversity	National Biodiversity Plan (2002)
conservation strategy, etc.):	National Heritage Plan (2002)
EUROBATS: Party Signed but not yet entered	ed force Non-party
Competent authority	Appointed member of the Advisory Committee
Name: Mr Christopher O'Grady Address: Department of the Environment, Heritage and Local Government National Parks & Wildlife Service,	Name: Dr. Ferdia Marnell Address: National Parks & Wildlife Service, 7, Ely Place, Dublin 2,
	2 uom 2,

	7 Ely Place	Ireland
Tel.: Fax: E-mail:	Dublin 2, Ireland (+353 1) 8883228 (+353 1) 8883276 chris_o`grady@environ.ie	Tel.: (+353 1) 8883290 Fax: (+353 1) 8883278 E-mail: <u>ferdia marnell@environ.ie</u>
Membersh	hip of other committees or working groups:	
AEWA:	X Party Signed but not yet entered force N	fon-party
Administr	rative Authority	Appointed member of the Technical Committee
Name: Address: Tel.: Fax: E-mail:	Mr Christopher O'Grady Department of the Environment, Heritage and Local Government National Parks & Wildlife Service, 7 Ely Place Dublin 2, Ireland (+353 1) 8883228 (+353 1) 8883276 chris o'grady@environ.ie	Name:Dr Philip BuckleyAddress:Department of the Environment, Heritage and Local Government National Parks & Wildlife Service, Plaza Offices Headford Road Galway IrelandTel.:(+353 91) 704209 Fax:Fax:(+353 91) 758430 E-mail:
Membersh	hip of other committees or working groups:	N/A

I(b). Additional General Information

1	Which other government departments are involved in activities/initiatives for the conservation of migratory species in your country?
	Department of Communications, Marine & Natural Resources
	Department of Agriculture and Food
	The Heritage Council
	The Marine Institute
	Teagasc
1a	If more than one government department is involved, describe the interaction/relationship between these government departments:
	Ongoing official contacts at Departmental level as appropriate.
2	List the main non-governmental organizations actively involved in initiatives for the conservation of migratory species in your country, and describe their involvement:
	Bird Watch Ireland – All aspects of bird conservation and protection, including education, research and policy campaigns.
	Whale & Dolphin Group – Recording of strandings and resightings, surveys, autopsy and research.
	Irish Wildlife Trust – All aspects of wildlife conservation and protection, including education, research and policy campaigns.
	Vincent Wildlife Trust – Primary involvement in Ireland in relation to bats and their conservation
	An Taisce (National Trust for Ireland) – Heritage protection in all its aspects and a prescribed body under national planning legislation.
	Irish Peatland Conservation Council – Conservation of peatlands and fens, including site conservation and management, education and public awareness campaign, as habitats for migratory birds
	Heritage Council – provide heritage policy advice and administer wildlife grant scheme which funds wildlife related projects including migratory species
3	Describe any involvement of the private sector in the conservation of migratory species in your country:
	The Electricity Supply Board (ESB) supports Birdwatch Ireland programs
4	Note any interactions between these sectors in the conservation of migratory species in your country:
	Interactions primarily related to inputs to the planning and development processes under informal and statutory consultation procedures, e.g. windfarms, gas pipelines, river maintenance and other developments.

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:
	Department of the Environment, Heritage and Local Government,
	National Parks and Wildlife Service
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 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:
	None
3a	What actions are being undertaken to overcome these obstacles?
	Not Applicable
3b	What assistance, if any, does your country require in order to overcome these obstacles?
	Not Applicable
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))?
	Tighter control on the use of poisons, which may benefit White-tailed Eagle Haliaeetus albicilla
4a	Describe any factors that may limit action being taken in this regard:
	Continued illegal use of poisons
4b	What assistance, if any, does your country require to overcome these factors?
	None

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: Checklist of the Birds of Ireland Ireland 1998	Irish Rare Birds Committee, BirdWatch

3	Summarise information on population size, trends and distribution (if known): Estimated early 20 th Century; vagrant since then despite success of the re-introduction programme in Scotland
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
	None in reporting period. Legalisation on poisons pre dates the reporting period.
5	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
	None necessary
6	Describe any future activities that are planned for this species:
	To date birds from Scottish re-introduction programme have not extended their range to Ireland. Consideration is being given to a separate re-introduction programme in the SW of Ireland based on the success to date with the re-introduction of the Golden Eagle <i>Aquila chryaetos</i> .
G	

Spe	Species Haliaeetus leucocephalus – Common Name(s) Bald Eagle; White-headed Eagle		
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		
	C 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:		

If you have information indicating that your country should be considered a Range State for any other bird species that is listed in CMS Appendix I, but which is not included in the tables above, please complete a table (provided below) for each species.

Spec	Species name, Common Name(s): NONE	
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:

Miscellaneous 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: Department of the Environment, Heritage and Local Government,
	National Parks and Wildlife Service
2	Is the taking of all Appendix I marine mammals 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 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)):
3	Identify any obstacles to migration that exist in relation to Appendix I marine mammals:
	No known major obstacles identified to date.
3a	What actions are being undertaken to overcome these obstacles?
	Environmental Impact Assessments in relation to exploration and development of offshore oil and gas fields have regard to potential impacts on marine mammals. A study to examine cetacean distribution and abundance was undertaken. Vessels also operate a voluntary code of conduct when operating seismic arrays.
3b	What assistance, if any, does your country require in order to overcome these obstacles?
	None. However, further surveying and continued monitoring would be useful. Research in the areas of acoustic work to help identify concentrations and movement patterns, and photo identification programmes might help elucidate breeding and wintering grounds
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))?
	Legislation has been strengthened through the Wildlife (Amendment) Act, 2000.
4a	Describe any factors that may limit action being taken in this regard: None
4b	What assistance, if any, does your country require to overcome these factors? None

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:
	Berrow, S.D. & Rogan, E. (1997). Review of Irish Cetacean records, 1901 - 1995. Mammal Review.27 (1), 51 - 76.
	Charif, R.A., and Clark, C.W. 2000. Acoustic monitoring of large whales off north west Britain and Ireland: a two year

	study, October 1996 - September 1998. Report for JNCC. ISSN 0963 8091
3	Summarise information on population size, trends and distribution (if known):
	Population size not known. Acoustic detections of blue whales showed seasonal cycles, increasing from mid-July to December
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: Cetaceans and seabirds in Ireland's Atlantic margin. Contact E.Rogan, Dept Zoology and Animal Ecology, University College, Cork, Ireland.
	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:
	None planned as yet
Spe	cies Megaptera novaeangliae – Common Name(s) Humpback Whale
1	Is your country a Range State for this species? Xes No
2	Please provide published distribution reference:
	Berrow, S.D. & Rogan, E. (1997). Review of Irish Cetacean records, 1901 - 1995. Mammal Review.27 (1), 51 - 76.
	Charif, R.A., Clapham, P.J., Clark, C.W. 2001. Acoustic detections of singing humpback whales off the British Isles. Marine Mammal Science, 17(4), 751 - 769.

Rogan, E. 2001. A review of humpback whales (Megaptera novaeangliae) from Irish waters.	SC/53/NAH26 presented
to the International Whaling Commission meeting, London, 2001.	

3 Summarise information on population size, trends and distribution (if known):

Population size/trends not known. Acoustic detections indicate that the waters to the west of Ireland may be a migration
corridor to summer breeding grounds, either in the West Indies or Cape Verde islands. Recent recordings indicate that the
species occurs off the south coast of Ireland aswell

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

Research: Cetaceans and seabirds in Ireland's Atlantic margin. Contact E.Rogan, Dept Zoology and Animal Ecology, University College, Cork, Ireland

A strandings programme records species stranded, and collects samples for biological, genetic and chemical analysis.

The Irish Whale and Dolphin Group records observations of whales around the coast through casual and effort-related watches

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?

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 6
 Describe any future activities that are planned for this species:

 Ongoing strandings/research programme

Species Balaena glacialis glacialis – Common Name(s) Northern Right Whale, Biscayan Right Whale	
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):
	Considered as a vagrant and now rarely sighted in Irish Waters. There has been a single sighting of a northern right whale in deep waters off the Rockall Trough in 2001.
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?
	Vagrant Species
6	Describe any future activities that are planned for this species:
	None

Species Balaenoptera borealis – Common Name(s) Coalfish Whale; Pollack Whale; Rudophi's Rorqual	
1	Is your country a Range State for this species? X Yes No
2	Please provide published distribution reference:
3	Summarise information on population size, trends and distribution (if known):
	Vagrant, population size not known despite programme of casual and effort-related watches
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:

Species Balaenoptera physalus – Common Name(s) Common Rorqual; Fin Whale; Finback; Fin-backed Whale		
1	Is your country a Range State for this species? X Yes No	
2	Please provide published distribution reference:	
	Berrow, S.D. and Rogan, E. (1997) Review of Irish Cetacean Records, 1901-1995. Mammal Review 27 (1), 51-76	
3	Summarise information on population size, trends and distribution (if known):	
	Population size and trends not known although recorded with increasing frequency. Recorded along the south coast of Ireland with peak numbers seen in the period October to January	
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:	

Spe	Species Physeter macrocephalus – Common Name(s) Sperm Whale		
1	Is your country a Range State for this species? X Yes No		
2	Please provide published distribution reference:		
3	Summarise information on population size, trends and distribution (if known):		
	Population size and trends not 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:		

If you have information indicating that your country should be considered a Range State for any other marine mammal species that is listed in CMS Appendix I, but which is <u>not</u> included in the tables above, please complete a table (provided below) for each species.

Spee	Species 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:	

Miscellaneous information or comments on Appendix I marine mammals in general:
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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:
	Department of Environment, Heritage and Local Government National Parks and Wildlife Service.
2	Is the taking of all Appendix I marine turtles prohibited by the national implementing Xes 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 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)): NPWS has licensed the Dingle Aquarium to keep a number of loggerhead turtles to allow them to be rehabilitated and returned to the wild.
3	Identify any obstacles to migration that exist in relation to Appendix I marine turtles:
	A number (10-50) Leatherback turtles are caught accidentally in lobster lines and other fishing gear each year off the west coast of Ireland as they migrate past our coasts.
3a	What actions are being undertaken to overcome these obstacles?
	Information leaflet and poster have been published and distributed to all fishermen along the west and south coasts. This includes information on how to rescue and release entangled turtles. A project underway in UCC is examining this phonomenon further and is attempting to use satellite tracking to expand our knowledge of the migration routes of this turtle species.
3b	What assistance, if any, does your country require in order to overcome these obstacles?
	More information on the migratory patterns of Atlantic Leatherbacks is essential. See 3a.
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))?
	See 3a above
4a	Describe any factors that may limit action being taken in this regard:
	See 3b above
4b	What assistance, if any, does your country require to overcome these factors?
	See 3b above

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.)

Species 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:	

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:

Spe	Species 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		
	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:		

Species 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 reporting period. (Please provide the title of the project and contact details, where av		becies in the
	Research		

	Monitoring
	Species protection
	Species restoration
	Habitat protection
	Habitat restoration
	C 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:

Spe	pecies Lepidochelys kempii – Common Name(s) Kemp's Ridley Turtle, Atlantic Ridley 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 reporting period. (Please provide the title of the project and contact details, where available	1	ecies in the
	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 preve	ented such a	ction being taken?
6	Describe any future activities that are planned for this species:		

Spee	Species Dermochelys coriacea – Common Name(s) Leatherback Turtle, Leathery Turtle		
1	Is your country a Range State for this species? Xes No		
2	Please provide published distribution reference:		
	Pierpoint, C (2000). By-catch of Marine Turtles in UK and Irish Waters. JNCC Report No. 310		
3	Summarise information on population size, trends and distribution (if known):		
	Migrations of this species along Irish coasts peak in late summer (August – October), but we have no hard data on numbers. Most sightings are off the west and south-west coasts.		
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 A small number of turtles were tagged by University College Cork (UCC) and Bórd Iascaigh Mhara (BIM) before being released from fishermen's nets off the SW coast. See 3a in 3.1 above.		
	Species protection		
	Species restoration		

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	Habitat protection
	Habitat restoration
	Other An information leaflet was published and distributed on the recognition, rescue and release of stranded and entangled leatherback turtles
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:
	NPWS will continue to support UCC in their efforts to satellite tag a number of these turtles. One Leatherback successfully tagged with a satellite transmitter in September 2005. At the time of writing it is heading south off the west coast of Portugal – see <u>www.turtle.ie</u> for latest position.

If you have information indicating that your country should be considered a Range State for any other marine turtle species that is listed in CMS Appendix I, but which is <u>not</u> included in the tables above, please complete a table (provided below) for each species.

Spe	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 Habitat protection Habitat restoration Other
4	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
5	Describe any future activities that are planned for this species?

Miscellaneous information or comments on Appendix I 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):
	Not applicable
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:
2a	If the taking of Appendix I terrestrial mammals (other than 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 terrestrial mammals (other than 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 terrestrial mammal (other than bats), including strictly controlling the introduction of, or controlling or eliminating, already introduced exotic species (Article III(4)(c))?
4a	Describe any factors which limit action being taken in this regard:
4b	What assistance, if any, does your country require to overcome these factors?

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

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

Spe	Species name, Common name(s): NONE		
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		

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	Species restoration
	Habitat protection
	Habitat restoration
	Other
4	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
5	Describe any future activities that are planned for this species:

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

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:
	Not Applicable
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 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 bats:
	None that we are aware of.
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.

Spe	Species 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		

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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?

Miscellaneous information or comments on Appendix I bats in general:

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: Not applicable		
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:		
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 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:		
4b	What assistance, if any, does your country require to overcome these factors?		

6.2 Questions on specific Appendix I species belonging to other taxa

If you have information indicating that your country should be considered a Range State for any Appendix I listed species that belongs to taxa not included in sections 1-5 above, please complete a table (provided below) for each species.

Species 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
	C Other
4	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
5	Describe any future activities that are planned for this species?

Miscellaneous information or comments on Appendix I 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?		
	None		

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.

EUROBATS (1994)		
Date of last report: 2003 and 2004 annual reports to Eurobats advisory committee; 2005 report in prep.	Period covered	
AEWA (1999)		
Date of last report: First report submitted for 2005 COP in Senegal	Period covered: Up to 2004	

2. QUESTIONS ON CMS AGREEMENTS

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

1	In the current reporting period, has your country initiated the development of any CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II bird 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 bird 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? Not applicable		
4	Is the development of any CMS Agreement for birds, including Memoranda of Yes No Understanding, planned by your country in the foreseeable future? If Yes, please provide details: NPWS is currently working with the Wildfowl and Wetlands Trust (UK) and the Environment and Heritage Service of Northern Ireland under the auspices of AEWA to produce a flyway conservation plan for the North Eastern Canadian population of the Brent Goose <i>Branta bernicla hrota</i> . Other Range States are Canada, Greenland and Iceland.		

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

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:	
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?		
	Not applicable		
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?		
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:		
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? Not applicable		
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:		

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

1	In the current reporting period, has your country 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?		
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 terrestrial mammal species (other than bats)? 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? Not applicable		
4	Is the development of any CMS Agreement for terrestrial mammals (other than bats), 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

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 bat species? If Yes, what is the current state of development?	Tyes	🛛 No
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 bat species? If Yes, please provide details:	Tes Yes	🛛 No
3	If your country has initiated or is participating in the development of an Agreement or Memorandum of Understanding,		Understanding,

	what assistance, if any, does your country require in order to initiate or participate in the instrument's development?				
	Not applicable				
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? Not applicable
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 <u>not</u> 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

V. Protected Areas

Are migratory species taken into account in the selection, establishment and X Yes No management of protected areas in your country?

1

	If Yes, please provide details:							
	Under National legislation Natural Heritage Areas may be designated for migratory species. EU legislation requires the designation of Special Protection Areas under the Birds Directive and Special Areas of Conservation under the Habitats Directive, which include migratory species. SPAs are selected for							
	• Listed rare and vulnerable species migratory species, such Whooper and Bewick's swans, Greenland White- fronted Goose, Corncrake, and Sandwich, Roseate, Common, Arctic and Little terns							
	• Regularly occurring migratory species, such as ducks, geese and waders							
	• Wetlands, especially those of international importance as determined by the RAMSAR Convention, which attract large numbers of migratory birds.							
	• For fish species, see note on SACs at IV, 3 above.							
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							
	The SPA network consists of c.260,000 ha equal parts land, marine and freshwater. The SAC network is c.1.16 million hectares, of which c.65% is terrestrial, 25% marine and 10% freshwater. It is not possible to ascribe the proportions of these areas designated for migratory species.							
1b	Identify the agency, department or organization responsible for leading on this action in your country:							
	Department of the Environment, Heritage and Local Government							
	National Parks and Wildlife Service.							

VI. Policies on Satellite Telemetry

1	In the current reporting period, has your country undertaken conservation/research projects that use satellite telemetry?	🛛 Yes 🗌 No					
	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):						
	A project is underway in UCC to attach satellite transmitters to leatherback turtles. No publications yet.						
	Satellite transmitters have been attached to the Brent Goose <i>Branta bernicla hrota</i> in Ireland and Iceland by NPWS and the Wildfowl and Wetlands Trust, UK [see www.wwt.org.uk/supergoose/brent2005/) and the Greenland White Fronted goose in Ireland since 1998. (See Glahder, C.M., Fox, A.D. and Walsh, A.J. 1999. Satellite tracking of Greenland White fronted geese. Dansk. Orn. Foren. Tidsskr. 93: 271-276						
2	Are any future conservation/research projects planned that will use satellite telemetry?	Yes No					
	If Yes, please provide details (including the expected timeframe for these projects):						
	See above continuing projects but no other						
	If No, please explain any impediments or requirements in this regard:						

VII. Membership

1	Have actions been taken by your country to encourage non-Parties	Xes Yes	🗌 No
	to join CMS and its related Agreements?		
	No specific actions taken but supportive of participation and ratification by non mem	ber countries	

 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.)

 1a
 Identify the agency, department or organization responsible for leading on this action in your country:

 Department of the Environment, Heritage and Local Government

 National Parks and Wildlife Service

VIII. Global and National Importance of CMS

1	Have actions been taken by your country to increase national, regional Xes No and/or global awareness of the relevance of CMS and its global importance in the context of biodiversity conservation?
	If Yes, please provide details: Relevance and importance of CMS to biodiversity conservation recognised in published National Biodiversity Plan.
2	Identify the agency, department or organization responsible for leading on this action in your country:
	Department of the Environment, Heritage and Local Government,
	National Parks and Wildlife Service

IX. Mobilization of Resources

1	Has your country made financial resources available for conservation activities having Yes No direct benefits for migratory species in your country? If Yes, please provide details (Indicate the migratory species that have benefited from these activities):
	Government funding for migratory species research and survey predates the introduction of comprehensive 'wildlife' legislation, namely the Wildlife Act, in 1976 and continues to this day. The emphasis has been on supporting repeatable baseline surveys to provide information on populations, their status, trends and distribution. It has supported research programmes that have employed ringing and marking methods and both radio and satellite telemetry.
	Given the geographical location of Ireland at the junction of two important flyways, one originating in NW Europe and the other in Canada there has been considerable focus on waterbirds, particularly waders, ducks, geese and swans. An example is The Irish Wetland Bird Survey, a partnership with BirdWatch Ireland and linked to WeBS in the UK and the International Waterfowl Census run by Wetlands International. Other single species research and survey programmes are maintained very often in an international context, e.g. the Greenland White-fronted goose study, 1969 to date.
	Woodcock <i>Scolopax rusticola</i> , Corncrake <i>Crex crex</i> and Hen Harrier <i>Circus cyaneus</i> have or are the subject of intensive study in relation to habitat utilisation and changing land use practices.
	Funding has been continuously made available for breeding seabird survey work of which Seabird 2000, covering both Britain and Ireland, is an example.
	The Countryside Bird Survey was launched in 1998 in partnership with BirdWatch Ireland. Included in its focus are all the 'common' migratory species of the countryside.
	A national bat monitoring programme is now entering its third year. This is providing robust data for three species, namely Common Pipistrelle, Soprano Pipistrelle and Leisler's.
	NPWS have also paid for repairs to a number of important lesser horseshoe bat roosts in the last two years and have funded foraging surveys at 8 lesser horseshoe roosts.
	NPWS and the Heritage Council supported recent national NGO organised conferences on Irish Wildlife in general and on Bats in particular, and are both providing funds towards the 10 th European Bat Research Symposium which will be held in Galway in August 2005.
	The Vincent Wildlife Trust continues to survey for Lesser Horseshoe roosts.
	In latter years there has been an increase in funding for surveys of Common seal <i>Phoca vitulina</i> and Grey seal <i>Halichoerus grypus</i> , and the Cetaceans with particular emphasis on the Bottle-nosed dolphin <i>Tursiops truncatus</i> .
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:

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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 Yes If Yes, please provide details (Indicate the migratory species that have benefited from these activities): No EU LIFE funding provided to BirdWatchIreland for two projects related to the management and restoration of habitats for migratory birds.

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: Ireland is subject to the provisions of the EU's EIA and SEA Directives

Resolution 7.3 – Oil Pollution and Migratory Species:

Resolution 7.4 – Electrocution of Migratory Birds:

Resolution 7.5 – Wind Turbines and Migratory Species: Ireland is close to publishing updated guidelines for planners in relation to terrestrial windfarms. These will take account of the requirements of migratory species, specifically birds.

Resolution 7.9 – Cooperation with Other Bodies and Processes: Through EU membership.

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 (Dugong dugon) Conservation:

Recommendation 7.6 – Improving the Conservation Status of the Leatherback Turtle (Dermochelys coriacea): See section 3.2

Recommendation 7.7 – America Pacific Flyway Programme:

Other resolutions/recommendations:

Ireland is a member of the European Union which is also a contracting member to the Convention. The European Union furnishes a report on behalf of member states on the implementation of the Convention on the conservation of migratory species of wild animals. The objectives of the Convention are attained in the European Union through the implementation of the relevant provisions of Directive 92/43EEC on the conservation of natural habitats and of flora and fauna, and of Directive 79/409/EEC on the conservation of wild birds.

More particularly, in relation to by-catch during the period of report, research was initiated in relation to cetacean by-catch under reference "Feasibility and options for establishing a system to monitor cetacean by-catch in Ireland", Dr Emer Rogan, Report to the Department of Arts, Heritage, Gaeltacht and the Islands.

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						
Rhinolophus ferrumequinum						
(only European populations)						
<i>Rhinolophus hipposideros</i> (only European populations)					O'Sullivan, P. 1994. Bats in Ireland. The Irish Naturalists Journal. Special Zoological Supplement, pp 21	
					Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381	
					Kelleher, C. 2004. An update on the lesser horseshoe bat in Ireland. Irish Naturalists Journal 27: 387-392.	
<i>Rhinolophus euryale</i> (only European populations)		\square				
Rhinolophus mehelyi						
(only European populations)						
Rhinolophus blasii						
(only European populations)						
Myotis bechsteini						
(only European populations)						
Myotis blythi		\square				
(only European populations)						
Myotis brandtii		\square				
(only European populations)						
Myotis capaccinii						
(only European populations)						
Myotis dasycneme						
(only European populations)						
<i>Myotis daubentoni</i> (only European populations)					O'Sullivan, P. 1994. Bats in Ireland. The Irish Naturalists Journal. Special Zoological Supplement, pp 21 Hayden, T. & Harrington, R. 2000	
					Exploring Irish Mammals, Town House, Dublin, pp 381	
Myotis emarginatus						
(only European populations)						
Myotis myotis		\square				

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
(only European populations)					
<i>Myotis mystacinus</i> (only European populations)					O'Sullivan, P. 1994. Bats in Ireland. The Irish Naturalists Journal. Special Zoological Supplement, pp 21 Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
<i>Myotis nattereri</i> (only European populations)	\boxtimes				O'Sullivan, P. 1994. Bats in Ireland. The Irish Naturalists Journal. Special Zoological Supplement, pp 21 Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
Pipistrellus kuhli (only European populations)					
Pipistrellus nathusii (only European populations)					O'Sullivan, P. 1994. Bats in Ireland. The Irish Naturalists Journal. Special Zoological Supplement, pp 21 Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town
					House, Dublin, pp 381
Pipistrellus pipistrellus(only European populations)A new species of Pipistrellehas been recognised inrecent years, but is not listedhere $-P.$ pygmaeus. Thisspecies occurs in Irelandand the same informationgiven here for P. pipistrellusapplies.					O'Sullivan, P. 1994. Bats in Ireland. The Irish Naturalists Journal. Special Zoological Supplement, pp 21 Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381 Catto, C., Russ, J. & Langton, S. 2004. Development of a car survey monitoring protocol for the Republic of Ireland – Conservation of Ireland's bats. Heritage Council.
Pipistrellus savii (only European populations)					
Nyctalus lasiopterus (only European populations)					
Nyctalus leisleri (only European populations)					 O'Sullivan, P. 1994. Bats in Ireland. The Irish Naturalists Journal. Special Zoological Supplement, pp 21 Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381 Catto, C., Russ, J. & Langton, S. 2004. Development of a car survey monitoring protocol for the Republic of Ireland – Conservation of Ireland's bats. Heritage Council.

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Nyctalus noctula		\square			
(only European populations)					
Eptesicus nilssonii		\boxtimes			
(only European populations)					
Eptesicus serotinus		\square			
(only European populations)					
Vespertilio murinus		\boxtimes			
(only European populations)					
Barbastella barbastellus		\square			
(only European populations)					
<i>Plecotus auritus</i> (only European populations)					O'Sullivan, P. 1994. Bats in Ireland. The Irish Naturalists Journal. Special Zoological Supplement, pp 21 Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
Plecotus austriacus		\boxtimes			
(only European populations)					
Miniopterus schreibersii		\square			
(only European populations)					
Tadarida teniotis					
		(Cetacea		
Physeter macrocephalus	\boxtimes				Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
Platanista gangetica gangetica					
Pontoporia blainvillei		\boxtimes			
Inia geoffrensis					
Delphinapterus leucas	\boxtimes				Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
Monodon monoceros					
Phocoena phocoena					
(North and Baltic Sea populations)					
Phocoena phocoena					
(western North Atlantic population)					
Phocoena phocoena					
(Black Sea population)					
Neophocaena phocaenoides					
Phocoenoides dalli					
Phocoena spinipinnis	\square				
Phocoena dioptrica					
Sousa chinensis					
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Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Sousa teuszii		\boxtimes			
Sotalia fluviatilis		\boxtimes			
Lagenorhynchus albirostris		\square			
(only North and Baltic Sea populations)					
Lagenorhynchus acutus		\boxtimes			
(only North and Baltic Sea populations)					
Lagenorhynchus australis		\square			
Lagenorhynchus obscurus		\boxtimes			
Grampus griseus		\square			
(only North and Baltic Sea populations)					
Tursiops aduncus		\boxtimes			
(Arafura/Timor Sea populations)					
Tursiops truncatus		\boxtimes			
(North and Baltic Sea populations)					
Tursiops truncatus		\boxtimes			
(western Mediterranean population)					
Tursiops truncatus		\boxtimes			
(Black Sea population)					
Stenella attenuata		\boxtimes			
(eastern tropical Pacific population)					
Stenella attenuata		\boxtimes			
(Southeast Asian populations)		<u> </u>			
Stenella longirostris		\boxtimes			
(eastern tropical Pacific populations)					
Stenella longirostris		\boxtimes			
(Southeast Asian populations)					
Stenella coeruleoalba		\boxtimes			
(eastern tropical Pacific population)					
Stenella coeruleoalba		\boxtimes			
(western Mediterranean population)					
Delphinus delphis		\boxtimes			
(North and Baltic Sea populations)					
Delphinus delphis		\boxtimes			
(western Mediterranean population)					
Delphinus delphis		\boxtimes			
(Black Sea population)					

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Delphinus delphis (eastern tropical Pacific population)					
Lagenodelphis hosei					
(Southeast Asian populations) Orcaella brevirostris					
Cephalorhynchus commersonii					
(South American population)					
Cephalorhynchus eutropia		\square			
Cephalorhynchus heavisidii		\boxtimes			
Orcinus orca	\boxtimes				Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
<i>Globicephala melas</i> (only North and Baltic Sea populations)		\boxtimes			
Berardius bairdii		\boxtimes			
Hyperoodon ampullatus	\boxtimes				Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
Balaenoptera bonaerensis		\square			
Balaenoptera edeni		\boxtimes			
Balaenoptera borealis	\boxtimes				Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
Balaenoptera physalus	\boxtimes				Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
Caperea marginata		\boxtimes			
		CA	ARNIVORA		
Arctocephalus australis		\square			
Otaria flavescens		\square			
Phoca vitulina (only Baltic and Wadden Sea populations)					
Halichoerus grypus (only Baltic Sea populations)					
Monachus monachus		\square	\Box		
			DBOSCIDEA		
Loxodonta africana					
			SIRENIA		
Trichechus manatus					
(populations between Honduras and Panama)					

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference			
Trichechus inunguis		\boxtimes						
Dugong dugon								
PERISSODACTYLA								
Equus hemionus		\boxtimes						
(includes Equus hemionus, Equus onager and Equus kiang)								
ARTIODACTYLA								
Vicugna vicugna		\boxtimes						
Oryx dammah		\boxtimes						
Gazella gazella (only Asian populations)								
Gazella subgutturosa		\boxtimes						
Procapra gutturosa								
Saiga tatarica tatarica		\square						
		GA	VIIFORMES	1				
<i>Gavia stellata</i> (Western Palearctic populations)					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998			
Gavia arctica arctica					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998			
Gavia arctica suschkini		\square						
<i>Gavia immer immer</i> (Northwest European population)					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998			
<i>Gavia adamsii</i> (Western Palearctic population)	□Vagrant							
	•	Podic	CIPEDIFORMES	•				
Podiceps grisegena grisegena	🛛 Rare							
Podiceps auritus (Western Palearctic populations)					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998			
	•	Pele	CANIFORMES					
Phalacrocorax nigrogularis		\boxtimes						
Phalacrocorax pygmeus								
Pelecanus onocrotalus								
(Western Palearctic populations)								
Pelecanus crispus		\boxtimes						
		Сісе	ONIIFORMES					
Botaurus stellaris stellaris	\square		\boxtimes					
(Western Palearctic populations)	Rare		Breeding					
<i>Ixobrychus minutus minutus</i> (Western Palearctic populations)	Uery Rare							
· · · · · · · · · · · · · · · · · · ·	, ery nure							

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Ixobrychus sturmii		\boxtimes			
Ardeola rufiventris					
Ardeola idae					
Egretta vinaceigula		\square			
Casmerodius albus albus		\square			
(Western Palearctic populations)					
Ardea purpurea purpurea		\boxtimes			
(populations breeding in the Western Palearctic)	Very Rare				
Mycteria ibis		\square			
Ciconia nigra		\boxtimes			
	Vagrant				
Ciconia episcopus microscelis					
Ciconia ciconia	Uery Rare				
Plegadis falcinellus	Very Rare				
Geronticus eremita					
Threskiornis aethiopicus aethiopicus					
Platalea alba					
(excluding Malagasy population)					
Platalea leucorodia	⊠ Rare				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Phoenicopterus ruber		\square			
Phoenicopterus minor		\square			
	1	Ans	SERIFORMES	1	
Dendrocygna bicolor		\boxtimes			
Dendrocygna viduata		\square			
Thalassornis leuconotus		\boxtimes			
Oxyura leucocephala					
Cygnus olor					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Cygnus cygnus					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Cygnus columbianus					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Anser brachyrhynchus					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Anser fabalis					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Anser albifrons					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Anser erythropus	□ Vagrant	\square			
Anser anser					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Branta leucopsis					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Branta bernicla					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Branta ruficollis	□ Vagrant				
Alopochen aegyptiacus		\boxtimes			
Tadorna ferruginea	□ Vagrant				
Tadorna cana		\square			
Tadorna tadorna					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Plectropterus gambensis		\boxtimes			
Sarkidiornis melanotos		\boxtimes			
Nettapus auritus		\boxtimes			
Anas penelope					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Anas strepera					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Anas crecca					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Anas capensis					
Anas platyrhynchos					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Anas undulata		\square			
Anas acuta					
Anas erythrorhyncha		\square			
Anas hottentota					
Anas querquedula					Checklist of the Birds of Ireland.

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
					Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Anas clypeata					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Marmaronetta angustirostris					
Netta rufina	Rare				
Netta erythrophthalma		\square			
Aythya ferina					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Aythya nyroca	U Very Rare				
Aythya fuligula					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Aythya marila					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird
					Watch Ireland, Autumn 1998
Somateria mollissima					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Somateria spectabilis	U Vagrant				
Polysticta stelleri					
Clangula hyemalis					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Melanitta nigra					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Melanitta fusca	Scarce				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Bucephala clangula					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Mergellus albellus					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Mergus serrator					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Mergus merganser					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference				
FALCONIFORMES									
Pandion haliaetus	⊠ Rare				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998				
	GALLIFORMES								
Coturnix coturnix coturnix					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998				
Sphenisciformes									
Spheniscus demersus		\boxtimes							
		PROCE	LLARIIFORME	s					
Diomedea exulans		\boxtimes							
Diomedea epomophora		\boxtimes							
Diomedea irrorata		\boxtimes							
Diomedea nigripes		\boxtimes							
Diomedea immutabilis		\boxtimes							
Diomedea melanophris	U Vagrant								
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		\boxtimes							
Procellaria westlandica		\boxtimes							
	•	GR	RUIFORMES						
Porzana porzana	\square	\boxtimes							
(populations breeding in the Western Palearctic)	Rare – Has Bred								
Porzana parva parva	U Vagrant								
Porzana pusilla intermedia	Vagrant								
<i>Fulica atra atra</i> (Mediterranean and Black Sea									

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
populations)					
Aenigmatolimnas marginalis		\boxtimes			
Sarothrura boehmi		\boxtimes			
Sarothrura ayresi		\square			
Crex crex					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Grus leucogeranus		\boxtimes			
Grus virgo (Syn. Anthropoides virgo)		\boxtimes			
Grus paradisea		\square			
Grus carunculatus		\square			
Grus grus		\boxtimes			
	Rare				
Chlamydotis undulata		\square			
(only Asian populations)					
Otis tarda		\boxtimes			
_	Vagrant				
		1	ADRIIFORMES		
Himantopus himantopus	Rare				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Recurvirostra avosetta	Rare – Has Bred				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Dromas ardeola		\boxtimes			
Burhinus oedicnemus	Very Rare	\square			
Glareola pratincola					
Ĩ	Vagrant				
Glareola nordmanni					
	Vagrant				
Pluvialis apricaria					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Pluvialis squatarola					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Charadrius hiaticula					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Charadrius dubius	⊠ Rare				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998

Charadrius pecuariusCharadrius tricollarisCharadrius forbesiCharadrius pallidusCharadrius alexandrinusCharadrius marginatusCharadrius marginatusCharadrius songulusCharadrius leschenaultiiCharadrius asiaticusEudromias morinellusVanellus vanellus				
Charadrius forbesiCharadrius pallidusCharadrius alexandrinusCharadrius marginatusCharadrius mongulusCharadrius leschenaultiiCharadrius asiaticusEudromias morinellus	□□□ □□ □□ Rare – Has			
Charadrius pallidusCharadrius alexandrinusCharadrius marginatusCharadrius mongulusCharadrius leschenaultiiCharadrius asiaticusEudromias morinellus	□□□ □□ □□ Rare – Has			
Charadrius alexandrinus Charadrius marginatus Charadrius mongulus Charadrius leschenaultii Charadrius asiaticus Eudromias morinellus	□□□ □□ □□ Rare – Has			
Charadrius marginatus Charadrius mongulus Charadrius leschenaultii Charadrius asiaticus Eudromias morinellus	□□□ □□ □□ Rare – Has			
Charadrius mongulus Charadrius leschenaultii Charadrius asiaticus Eudromias morinellus	□□□ □□ □□ Rare – Has			
Charadrius mongulus Charadrius leschenaultii Charadrius asiaticus Eudromias morinellus	Rare – Has			
Charadrius leschenaultii Charadrius asiaticus Eudromias morinellus	Rare – Has	\boxtimes		
Charadrius asiaticus Eudromias morinellus	Rare – Has			
Eudromias morinellus	Rare – Has			
	Rare – Has			
Vanallug vanallug	Bred			Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
vanenus vanenus	\boxtimes			Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Vanellus spinosus		\square		
Vanellus albiceps		\boxtimes		
Vanellus senegallus		\boxtimes		
Vanellus lugubris		\boxtimes		
Vanellus melanopterus		\boxtimes		
Vanellus coronatus		\boxtimes		
Vanellus superciliosus		\boxtimes		
Vanellus gregarius (Syn Chettusia gregaria)	U Vagrant	\boxtimes		
Vanellus leucurus		\boxtimes		
Gallinago media	⊠ Very Rare			Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Gallinago gallinago				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Lymnocryptes minimus				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Limosa limosa				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Limosa lapponica				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Numenius phaeopus	\boxtimes			Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Numenius tenuirostris		\boxtimes		

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Numenius arquata					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Tringa erythropus					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Tringa totanus					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Tringa stagnatilis	□ Vagrant				
Tringa nebularia					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Tringa ochropus					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Tringa glareola					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Tringa cinerea	□ Vagrant				
Tringa hypoleucos					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Arenaria interpres					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Calidris tenuirostris		\boxtimes			
Calidris canutus					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Calidris alba					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Calidris minuta					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Calidris temminckii	Rare				Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Calidris maritima					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Calidris alpina					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Calidris ferruginea					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Limicola falcinellus	U Vary Rare				
Philomachus pugnax					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Phalaropus lobatus					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Phalaropus fulicaria					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Larus hemprichii		\boxtimes			
Larus leucophthalmus					
<i>Larus ichthyaetus</i> (West Eurasian and African population)		\boxtimes			
Larus melanocephalus	Scarce- Breeding				
Larus genei		\boxtimes			
Larus audouinii		\square			
Larus armenicus		\boxtimes			
Sterna nilotica nilotica		\boxtimes			
(West Eurasian and African populations)	Vagrant				
Sterna caspia (West Eurasian and African populations)					
Sterna maxima albidorsalis		\square			
Sterna bergii		\boxtimes			
(African and Southwest Asian populations)					
Sterna bengalensis		\boxtimes			
(African and Southwest Asian populations)	Vagrant				
Sterna sandvicensis sandvicensis					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Sterna dougallii</i> (Atlantic population)					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Sterna hirundo hirundo (populations breeding in the Western Palearctic)					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Sterna paradisaea (Atlantic populations)					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
Sterna albifrons					Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference			
					Watch Ireland, Autumn 1998			
Sterna saundersi		\square						
Sterna balaenarum		\square						
Sterna repressa		\boxtimes						
Chlidonias niger niger	\boxtimes	\boxtimes						
	Scarce – Has Bred							
Chlidonias leucopterus	\boxtimes	\boxtimes						
(West Eurasian and African population)	Rare							
Columbiformes								
Streptopelia turtur turtur	\square							
		COR	ACIIFORMES					
Merops apiaster		\square						
	Very Rare							
Coracias garrulus		\boxtimes						
	Very Rare							
PSITTACIFORMES								
Amazona tucumana		\boxtimes						
PASSERIFORMES								
Hirundo atrocaerulea		\square						
Pseudocolopteryx dinellianus		\boxtimes						
Polystictus pectoralis pectoralis		\boxtimes						
Sporophila ruficollis		\boxtimes						
Acrocephalus paludicola		\boxtimes						
	Very Rare							
		ТЕ	STUDINATA					
Chelonia depressa		\boxtimes						
Chelonia mydas		\boxtimes						
Caretta caretta		\boxtimes						
Eretmochelys imbricata		\boxtimes						
Lepidochelys kempii		\boxtimes						
Lepidochelys olivacea		\boxtimes						
Dermochelys coriacea	\boxtimes							
Podocnemis expansa		\boxtimes						
		CR	ROCODYLIA					
Crocodylus porosus		\square						
		ACIPE	INSERIFORMES					
Huso huso		\boxtimes						

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Huso dauricus		\boxtimes			
Acipenser baerii baicalensis		\boxtimes			
Acipenser fulvescens		\boxtimes			
Acipenser gueldenstaedtii		\boxtimes			
Acipenser medirostris		\boxtimes			
Acipenser mikadoi		\boxtimes			
Acipenser naccarii		\boxtimes			
Acipenser nudiventris		\boxtimes			
Acipenser persicus		\boxtimes			
Acipenser ruthenus		\boxtimes			
(Danube population)					
Acipenser schrenckii		\square			
Acipenser sinensis		\square			
Acipenser stellatus		\boxtimes			
Acipenser sturio	\boxtimes				
Pseudoscaphirhynchus kaufmanni		\boxtimes			
Pseudoscaphirhynchus hermanni		\boxtimes			
Pseudoscaphirhynchus fedtschenkoi		\boxtimes			
Psephurus gladius		\boxtimes			
		ORECT	OLOBIFORME	s	
Rhincodon typus		\boxtimes			
		LAN	MNIFORMES		
Carcharodon carcharias		\square			
		LE	PIDOPTERA		
Danaus plexippus	\boxtimes				

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 FAL	CONIFORMES, F	amily Cathartidae
	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			
	Range State	Extinct			
Order FALCONIFORMES, Family Accipitridae					
Pandion haliaetus	Range State	Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998		
Haliaeetus albicilla	Range State	Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998		
Aquila chrysaetos	Range State	Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998		
Accipiter nisus	Range State	Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998		
Buteo buteo	Range State	Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998		
Circus cyaneus	Range State	Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998 Re-introduction program initiated 2001		
	Range State	Extinct			
	Range State	Extinct			
	Range State	Extinct			
	Range State	Extinct			
Order FALCONIFORMES, Family Falconidae					
Falco peregrinus	Range State	Extinct			
Falco columbarius	Range State	Extinct			
Falco tinnunculus	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			
Order PASSERIFORMES, Family Muscicapidae					
Muscicapa striata	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			