

IRELAND / IRLANDE / IRLANDA



**Format for reports of Parties on implementation of the
Convention on the Conservation of Migratory Species
of Wild Animals** (revision of January 2002)

Reporting format agreed by the Standing Committee at its 23rd meeting (Bonn, December 2001) for voluntary use by Parties, on a trial basis, for reports submitted to COP7. Refer to separate instructions on completing the report.

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.

<p>Which agency has been primarily responsible for the preparation of this report?</p> <p>Department of the Environment and Local Government, Dúchas – The Heritage Service</p> <p>List any other agencies that have provided input: None</p>

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
Period covered by this report:	To 2001
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
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Membership of the Standing Committee:	Not applicable
Competent authority: Minister for the Environment and Local Government	Dúchas The Heritage Service, National Parks and Wildlife, Dún Scéine, Harcourt Lane, Dublin 2, Ireland

<p>Implementing legislation:</p>	<p>Whale Fisheries Act 1937</p> <p>European Communities Act 1972</p> <p>The Wildlife Act 1976</p> <p>The Birds Directive, Council Directive 79/409/EEC of 2nd April 1979 on the Conservation of Wild Birds.</p> <p>The Habitats Directive, Council Directive 92/43/EEC of 21 May 1992 on the Conservation of Natural Habitats and of Wild Fauna and Flora.</p> <p>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).</p> <p>The Wildlife (Amendment) Act, 2000</p> <p>Various orders and regulations under the above Acts, for example:</p> <p style="padding-left: 40px;">Whale Fisheries Act 1937 (Extension to mammals of the Order Cetacea) Order, 1982, (S.I. No. 240)</p> <p style="padding-left: 40px;">Wildlife Act 1976, Annual Open Seasons Orders for Wild Birds and Mammals (1977 onwards)</p> <p style="padding-left: 40px;">European Communities (Wild Birds) (Gadwall and Goldeneye) Regulations, 1982 (S.I. No. 241)</p> <p style="padding-left: 40px;">European Communities (Prohibition of Importation of Skins of Certain Seal Pups and Related Products) Regulations, 1983 (S.I. No. 274)</p> <p style="padding-left: 40px;">Wildlife Act 1976 (Control of Importation of Wild Animals and Wild Birds) Regulations, 1989 (S.I. No. 296)</p> <p style="padding-left: 40px;">Habitats Regulations: European Communities (Natural Habitats) Regulations 1997 (SI No. 94/1997)</p>
<p>Other relevant conventions/agreements (apart from CMS) to which Ireland is a Party:</p>	<p>Ramsar</p> <p>Berne Convention</p> <p>CITES</p> <p>International Convention on the Regulation of Whaling</p>
<p>National policy instruments (e.g. national biodiversity conservation strategy, etc.):</p>	<p>National Biodiversity Plan (2002)</p> <p>National Heritage Plan (2002)</p>
<p>EUROBATS: <input checked="" type="checkbox"/> Party <input type="checkbox"/> Signed but not yet entered force <input type="checkbox"/> Non-party</p>	
<p>Competent authority</p> <p>Name: Mr Michael Canny</p> <p>Address: Dúchas The Heritage Service, National Parks & Wildlife, Dún Scéine, Harcourt Lane, Dublin 2, Ireland</p> <p>Tel.: (+353 1) 411 7107</p> <p>Fax: (+353 1) 411 7120</p> <p>E-mail: Mcanny@ealga.ie</p>	<p>Appointed member of the Advisory Committee</p> <p>Name: Dr. Ferdia Marnell</p> <p>Address: Dúchas The Heritage Service, National Parks & Wildlife, 7, Ely Place, Dublin 2, Ireland</p> <p>Tel.: (+353 1) 647 2390</p> <p>Fax: (+353 1) 678 8123</p> <p>E-mail: Fmarnell@ealga.ie</p>

Membership of other committees or working groups:	
AEWA: <input type="checkbox"/> Party <input checked="" type="checkbox"/> Signed but not yet entered force <input type="checkbox"/> Non-party	
Administrative Authority Name: Mr Michael Canny Address: Dúchas The Heritage Service, National Parks & Wildlife, Dún Scéine, Harcourt Lane, Dublin 2, Ireland Tel.: (+353 1) 411 7107 Fax: (+353 1) 411 7120 E-mail: Mcanny@ealga.ie	Appointed member of the Technical Committee Name: Mr Oscar Merne Address: Dúchas The Heritage Service, National Parks & Wildlife, 7 Ely Place, Dublin 2, Ireland Tel.: (+353 1) 647 2389 Fax: (+353 1) 662 0283 E-mail: Omerne@ealga.ie
Membership of other committees or working groups:	N/A

I(b). Additional General Information

1	<p>Which other government departments are involved in activities/initiatives for the conservation of migratory species in your country?</p> <p>Department of Communications, Marine & Natural Resources</p> <p>Department of Agriculture, Food & Rural Development</p> <p>The Heritage Council</p> <p>The Marine Institute</p>
1a	<p>If more than one government department is involved, describe the interaction/relationship between these government departments:</p> <p>Ongoing official contacts at Departmental level as appropriate.</p>
2	<p>List the main non-governmental organizations actively involved in initiatives for the conservation of migratory species in your country, and describe their involvement:</p> <p>Bird Watch Ireland – All aspects of bird conservation and protection, including education, research and policy campaigns.</p> <p>Whale & Dolphin Group – Recording of strandings and resightings, surveys, autopsy and research.</p> <p>Irish Wildlife Trust – All aspects of wildlife conservation and protection, including education, research and policy campaigns.</p> <p>Vincent Wildlife Trust – Primary involvement in Ireland in relation to bats and their conservation</p> <p>An Taisce (National Trust for Ireland) – Heritage protection in all its aspects and a prescribed body under national planning legislation.</p> <p>Irish Peatland Conservation Council – Conservation of peatlands and ferns, including site conservation and management, education and public awareness campaign.</p>
3	<p>Describe any involvement of the private sector in the conservation of migratory species in your country:</p> <p>The Electricity Supply Board (ESB) support Birdwatch Ireland programs</p>
4	<p>Note any interactions between these sectors in the conservation of migratory species in your country:</p> <p>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.</p>

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 and Local Government, Dúchas The Heritage Service
2	Is the taking of all Appendix I bird species prohibited by the national implementing legislation cited in Table I(a) (General Information)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please provide details:
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 poisons, which may benefit White-tailed Eagle <i>Haliaeetus albicilla</i>
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.)

<i>Species Haliaeetus albicilla</i> – Common Name(s) White-tailed Eagle	
1	Is your country a Range State for this species? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2	Please provide published distribution reference: Checklist of the Birds of Ireland. Irish Rare Birds Committee, BirdWatch Ireland 1998
3	Summarise information on population size, trends and distribution (if known): Estimated early 20 th Century; vagrant

	since then (3-4 occurrences)
4	<p>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.)</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Monitoring</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input type="checkbox"/> Other</p> <p>None in reporting period. Legalisation on poisons pre dates the reporting period.</p>
5	<p>If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?</p> <p>None necessary</p>
6	<p>Describe any future activities that are planned for this species:</p> <p>None, unless birds from Scottish re-introduction programme extend their range to Ireland.</p>

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.

<i>Species name, Common Name(s):</i> NONE	
1	Please provide published distribution reference:
2	Summarise information on population size, trends and distribution (if known):
3	<p>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.)</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Monitoring</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input type="checkbox"/> Other</p>
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:

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 and Local Government, Dúchas – The Heritage Service.
2	Is the taking of all Appendix I marine mammals prohibited by the national implementing legislation cited in Table I(a) (General Information)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If <i>other</i> legislation is relevant, please provide details:
2a	If the taking of Appendix I marine mammals is prohibited by law, have any exceptions been granted to the prohibition? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please provide details:
3	Identify any obstacles to migration that exist in relation to Appendix I marine mammals: No known major obstacles.
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.)

<i>Species</i> <i>Balaenoptera musculus</i> – Common Name(s) Blue Whale	
1	Is your country a Range State for this species? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2	<p>Please provide published distribution reference:</p> <p>Berrow, S.D. & Rogan, E. (1997). Review of Irish Cetacean records, 1901 - 1995. <i>Mammal Review</i>.27 (1), 51 – 76.</p> <p>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</p>
3	<p>Summarise information on population size, trends and distribution (if known):</p> <p>Population size not known. Acoustic detections of blue whales showed seasonal cycles, increasing from mid-July to December</p>
4	<p>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.)</p> <p><input checked="" type="checkbox"/> Research: Cetaceans and seabirds in Ireland's Atlantic margin. Contact E.Rogan, Dept Zoology and Animal Ecology, University College, Cork, Ireland.</p> <p><input type="checkbox"/> Monitoring</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input type="checkbox"/> Other</p>
5	<p>If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?</p>
6	<p>Describe any future activities that are planned for this species:</p> <p>None planned as yet</p>

<i>Species Megaptera novaeangliae</i> – Common Name(s) Humpback Whale	
1	<p>Is your country a Range State for this species? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
2	<p>Please provide published distribution reference:</p> <p>Berrow, S.D. & Rogan, E. (1997). Review of Irish Cetacean records, 1901 - 1995. <i>Mammal Review</i>.27 (1), 51 – 76.</p> <p>Charif, R.A., Clapham, P.J., Clark, C.W. 2001. Acoustic detections of singing humpback whales off the British Isles. <i>Marine Mammal Science</i>, 17(4), 751 - 769.</p> <p>Rogan, E. 2001. A review of humpback whales (<i>Megaptera novaeangliae</i>) from Irish waters. SC/53/NAH26 presented to the International Whaling Commission meeting, London, 2001.</p>
3	<p>Summarise information on population size, trends and distribution (if known):</p> <p>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.</p>
4	<p>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.)</p> <p><input checked="" type="checkbox"/> Research</p> <p>Research Cetaceans and seabirds in Ireland's Atlantic margin. Contact E.Rogan, Dept Zoology and Animal Ecology, University College, Cork, Ireland</p> <p>A strandings programme records species stranded, and collects samples for biological, genetic and chemical analysis.</p> <p><input type="checkbox"/> Monitoring</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input type="checkbox"/> Other</p>

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: Ongoing strandings/research programme

<i>Species Balaena glacialis glacialis</i> – Common Name(s) Northern Right Whale, Biscayan Right Whale	
1	Is your country a Range State for this species? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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.) <input type="checkbox"/> Research <input type="checkbox"/> Monitoring <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input type="checkbox"/> 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

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 not included in the tables above, please complete a table (provided below) for each species.

<i>Species name, Common name(s): NONE</i>	
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.) <input type="checkbox"/> Research <input type="checkbox"/> Monitoring <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input type="checkbox"/> 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:

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 and Local Government Dúchas The Heritage Service.
2	Is the taking of all Appendix I marine turtles prohibited by the national implementing legislation cited in Table I(a) (General Information)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please provide details:
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. This includes information on how to rescue and release entangled turtles.
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.
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.)

<i>Species Chelonia mydas</i> – Common Name(s) Green Turtle	
1	Is your country a Range State for this species? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.) <input type="checkbox"/> Research <input type="checkbox"/> Monitoring <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input type="checkbox"/> 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:

<i>Species Caretta caretta</i> – Common Name(s) Loggerhead Turtle	
1	Is your country a Range State for this species? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.) <input type="checkbox"/> Research <input type="checkbox"/> Monitoring <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input type="checkbox"/> 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:

<i>Species Eretmochelys imbricata</i> – Common Name(s) Hawksbill Turtle	
1	Is your country a Range State for this species? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.) <input type="checkbox"/> Research <input type="checkbox"/> Monitoring <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input type="checkbox"/> 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:
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<i>Species Lepidochelys kempii</i> – Common Name(s) Kemp's Ridley Turtle, Atlantic Ridley Turtle	
1	Is your country a Range State for this species? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.) <input type="checkbox"/> Research <input type="checkbox"/> Monitoring <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input type="checkbox"/> 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:

<i>Species Dermochelys coriacea</i> – Common Name(s) Leatherback Turtle, Leathery Turtle	
1	Is your country a Range State for this species? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.) <input type="checkbox"/> Research <input checked="" type="checkbox"/> 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. <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input checked="" type="checkbox"/> 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: If funding becomes available, Dúchas the Heritage Service hope to support UCC in their efforts to satellite tag a number of these turtles.

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 not included in the tables above, please complete a table (provided below) for each species.

<i>Species name, Common name(s): NONE</i>	
1	Please provide published distribution reference:
2	Summarise information on population size, trends and distribution (if known):
3	<p>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):</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Monitoring</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input type="checkbox"/> Other</p>
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?

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)? <input type="checkbox"/> Yes <input type="checkbox"/> No 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? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please provide details:
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.

<i>Species name, Common name(s): NONE</i>	
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.) <input type="checkbox"/> Research <input type="checkbox"/> Monitoring <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration

	<input type="checkbox"/> Other
4	If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
5	Describe any future activities that are planned for this species:

5 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)? <input type="checkbox"/> Yes <input type="checkbox"/> No If <i>other</i> legislation is relevant, please provide details:
2a	If the taking of Appendix I bats is prohibited by law, have any exceptions Been granted to the prohibition? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please provide details:
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.

<i>Species name, Common name(s): NONE</i>	
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): <input type="checkbox"/> Research <input type="checkbox"/> Monitoring <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration

	<input type="checkbox"/> 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?

6 OTHER TAXA

6.1 General questions on Appendix I species belonging to other taxa

1	Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed species belonging to taxa not included in sections 1-5 above: 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)? <input type="checkbox"/> Yes <input type="checkbox"/> No If <i>other</i> legislation is relevant, please provide details:
2a	If the taking of Appendix I species belonging to taxa not included in sections 1-5 above is prohibited by law, have any exceptions been granted to the prohibition? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please provide details:
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.

<i>Species name, Common name(s):</i> 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): <input type="checkbox"/> Research <input type="checkbox"/> Monitoring

	<input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input type="checkbox"/> 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?

7 LISTING OF OTHER ENDANGERED MIGRATORY SPECIES IN APPENDIX I

1	Is your country a Range State for any other endangered migratory species not currently listed in Appendix I? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please provide details:
1a	Is your country taking any steps to propose listing any of these species? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: 2002	Period covered: 1998 to April 2002
AEWA (1999)	
Date of last report: Not applicable	Period covered:

2. QUESTIONS ON CMS AGREEMENTS

2.1 Questions on 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 bird species? If Yes, please provide details:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 Memorandum of Understanding, planned by your country in the foreseeable future? If Yes, please provide details: Dúchas The Heritage Service is currently working with the Wildfowl and Wetlands Trust (UK) to produce a flyway agreement for the North Eastern Canadian population of the Brent Goose <i>Branta bernicla hrota</i> . Other Range States are Canada, Greenland and Iceland.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2.2 Questions on 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 marine mammal species? If Yes, please provide details:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 Memorandum of Understanding, planned by your country in the foreseeable future? If Yes, please provide details:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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2.3 Questions on 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 marine turtles? If Yes, please provide details:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 Memorandum of Understanding, planned by your country in the foreseeable future? If Yes, please provide details:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

2.4 Questions on 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 terrestrial mammal species (other than bats)? If Yes, please provide details:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 Memorandum of Understanding, planned by your country in the foreseeable future? If Yes, please provide details:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

2.5 Questions on 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 bats, including Memorandum of Understanding, planned by your country in the future? If Yes, please provide details:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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2.6 Questions on 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?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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 species belonging to taxa not included in sections 1-6 above? If Yes, please provide details:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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 Memorandum of Understanding, planned by your country in the foreseeable future? If Yes, please provide details:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

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:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
1a	Is your country taking any steps to propose the listing of this/these species in Appendix II? If Yes, please provide details:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
1b	What assistance, if any, does your country require to initiate the listing of this/these species?		

IV. National and Regional Priorities

1	<p>Does the conservation of migratory species currently feature in any national or regional policies/plans (apart from CMS Agreements) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, please provide details: National Biodiversity Plan, National Heritage Plan, both published in 2002</p>																											
1a	<p>Do these policies/plans cover the following areas (if yes, please provide details):</p> <p>Copies of these plans sent under separate cover to the Secretariat.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 10%; text-align: center;">Yes</td> <td style="width: 10%; text-align: center;">No</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Economic development</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Land-use planning</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Designation and development of reserves</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Development of ecological networks</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Planning of powerlines</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Planning of fences</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Planning of dams</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Other</td> </tr> </table>	Yes	No		<input type="checkbox"/>	<input type="checkbox"/>	Economic development	<input type="checkbox"/>	<input type="checkbox"/>	Land-use planning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Designation and development of reserves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Development of ecological networks	<input type="checkbox"/>	<input type="checkbox"/>	Planning of powerlines	<input type="checkbox"/>	<input type="checkbox"/>	Planning of fences	<input type="checkbox"/>	<input type="checkbox"/>	Planning of dams	<input type="checkbox"/>	<input type="checkbox"/>	Other
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<input type="checkbox"/>	<input type="checkbox"/>	Planning of fences																										
<input type="checkbox"/>	<input type="checkbox"/>	Planning of dams																										
<input type="checkbox"/>	<input type="checkbox"/>	Other																										

V. Policies on Satellite Telemetry

1	<p>In the current reporting period, has your country undertaken conservation/research projects that use satellite telemetry? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, please provide details (Indicate inter alia 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):</p> <p>Satellite transmitters have been attached to the Brent Goose <i>Branta bernicla hrota</i> in Iceland by the Wildfowl and Wetlands Trust, UK [see www.wwt.org.uk/brent] 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</p>
2	<p>Are any future conservation/research projects planned that will use satellite telemetry? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, please provide details (including the expected timeframe for these projects):</p> <p>See above continuing projects but no other</p> <p>If No, please explain any impediments or requirements in this regard:</p>

VI. Membership

1	<p>Have actions been taken by your country to encourage non-Parties to join CMS and its related Agreements? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>No specific actions taken but supportive of participation and ratification by non member countries</p> <p>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.)</p>
1a	<p>Identify the agency, department or organization responsible for leading on this action in your country:</p> <p>Minister for the Environment and Local Government</p> <p>Dúchas The Heritage Service</p>

VII. Global and National Importance of CMS

1	<p>Have actions been taken by your country to increase national, regional and/or global awareness of the relevance of CMS and its global importance in the context of biodiversity conservation? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, please provide details: Relevance and importance of CMS to biodiversity conservation recognised in published National Biodiversity Plan.</p>
2	<p>Identify the agency, department or organization responsible for leading on this action in your country:</p> <p>Minister for the Environment and Local Government, Dúchas The Heritage Service.</p>

VIII. Mobilization of Resources

1	<p>Has your country made financial resources available for conservation activities having direct benefits for migratory species in your country? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, please provide details:</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Funding has been continuously made available for breeding seabird survey work of which Seabird 2000, covering both Britain and Ireland, is an example.</p> <p>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.</p> <p>In latter years there has been an increase in funding for surveys of all resident bat species, in particular the Lesser Horseshoe <i>Rhinolophus hipposideros</i>, the 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>.</p>
U	<p>Has your country made voluntary contributions to the CMS Trust Fund to support requests from developing countries and countries with economies in transition? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, please provide details:</p>
3	<p>Has your country made other voluntary financial contributions to support conservation activities having direct benefits for migratory species in other countries (particularly developing countries)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, please provide details:</p>
4	<p>Has your country provided technical and/or scientific assistance to developing countries to facilitate initiatives for the benefit of migratory species? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, please provide details:</p>
5	<p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

	If Yes, please provide details:	
6	Has your country received financial assistance/support from sources other than the CMS Secretariat for conservation activities having direct benefit for migratory species in your country?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	If Yes, please provide details: LIFE funding for SPAs/Aquaculture under EU Directive 79/409/EEC on conservation of wild birds	

IX. 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 adopted by at the Sixth Meeting (Cape Town, November 1999).

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 92/43/Eec 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.

While Ireland has a very small population of Ruddy Duck, the species has been added to the Hunting List to facilitate control if necessary.

Other remarks:

Annex: Questions on specific Appendix II species

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

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
CHIROPTERA					
<i>Rhinolophus ferrumequinum</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Rhinolophus hipposideros</i> (only European populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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>Rhinolophus euryale</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Rhinolophus mehelyi</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Rhinolophus blasii</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Myotis bechsteini</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Myotis blythi</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Myotis brandtii</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Myotis capaccinii</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Myotis dasycneme</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Myotis daubentoni</i> (only European populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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 emarginatus</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Myotis myotis</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Myotis mystacinus</i> (only European populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	O'Sullivan, P. 1994. Bats in Ireland. The Irish Naturalists Journal. Special Zoological Supplement, pp

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
					21 Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
<i>Myotis nattereri</i> (only European populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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>Pipistrellus kuhli</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Pipistrellus nathusii</i> (only European populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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>Pipistrellus pipistrellus</i> (only European populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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>Pipistrellus savii</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Nyctalus lasiopterus</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Nyctalus leisleri</i> (only European populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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>Nyctalus noctula</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Eptesicus nilssonii</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Eptesicus serotinus</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Vespertilio murinus</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Barbastella barbastellus</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Plecotus auritus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	O'Sullivan, P. 1994. Bats in Ireland.

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
(only European populations)					The Irish Naturalists Journal. Special Zoological Supplement, pp 21 Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
<i>Plecotus austriacus</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Miniopterus schreibersii</i> (only European populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Tadarida teniotis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CETACEA					
<i>Platanista gangetica gangetica</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Pontoporia blainvillei</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Inia geoffrensis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Delphinapterus leucas</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
<i>Monodon monoceros</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Phocoena phocoena</i> (North and Baltic Sea populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Phocoena phocoena</i> (western North Atlantic population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Phocoena phocoena</i> (Black Sea population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Neophocaena phocaenoides</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Phocoenoides dalli</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Phocoena spinipinnis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Phocoena dioptrica</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sousa chinensis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sousa teuszii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sotalia fluviatilis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Lagenorhynchus albirostris</i> (only North and Baltic Sea populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Lagenorhynchus acutus</i> (only North and Baltic Sea populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Lagenorhynchus australis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Lagenorhynchus obscurus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Grampus griseus</i> (only North and Baltic Sea populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Tursiops aduncus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
(Arafura/Timor Sea populations)					
<i>Tursiops truncatus</i> (North and Baltic Sea populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Tursiops truncatus</i> (western Mediterranean population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Tursiops truncatus</i> (Black Sea population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Stenella attenuata</i> (eastern tropical Pacific population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Stenella attenuata</i> (Southeast Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Stenella longirostris</i> (eastern tropical Pacific populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Stenella longirostris</i> (Southeast Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Stenella coeruleoalba</i> (eastern tropical Pacific population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Stenella coeruleoalba</i> (western Mediterranean population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Delphinus delphis</i> (North and Baltic Sea populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Delphinus delphis</i> (western Mediterranean population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Delphinus delphis</i> (Black Sea population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Delphinus delphis</i> (eastern tropical Pacific population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Lagenodelphis hosei</i> (Southeast Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Orcaella brevirostris</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Cephalorhynchus commersonii</i> (South American population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Cephalorhynchus eutropia</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Cephalorhynchus heavisidii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Orcinus orca</i> (eastern North Atlantic population)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
<i>Orcinus orca</i> (eastern North Pacific population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Globicephala melas</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
(only North and Baltic Sea populations)					
<i>Berardius bairdii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Hyperoodon ampullatus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hayden, T. & Harrington, R. 2000 Exploring Irish Mammals, Town House, Dublin, pp 381
PINNIPEDIA					
<i>Phoca vitulina</i> (only Baltic and Wadden Sea populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Halichoerus grypus</i> (only Baltic Sea populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Monachus monachus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PROBOSCIDEA					
<i>Loxodonta africana</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SIRENIA					
<i>Trichechus manatus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Dugong dugon</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ARTIODACTYLA					
<i>Vicugna vicugna</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Oryx dammah</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Gazella gazella</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
GAVIIFORMES					
<i>Gavia stellata</i> (Western Palearctic populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Gavia arctica arctica</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Gavia arctica suschkini</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Gavia immer immer</i> (Northwest European population)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Gavia adamsii</i> (Western Palearctic population)	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PODICIPEDIFORMES					
<i>Podiceps grisegena grisegena</i>	<input checked="" type="checkbox"/> Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Podiceps auritus</i> (Western Palearctic populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
PELECANIFORMES					
<i>Phalacrocorax nigrogularis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Phalacrocorax pygmeus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Pelecanus onocrotalus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
(Western Palearctic populations)					
<i>Pelecanus crispus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CICONIIFORMES					
<i>Botaurus stellaris stellaris</i> (Western Palearctic populations)	<input checked="" type="checkbox"/> Rare	<input type="checkbox"/>	<input checked="" type="checkbox"/> Breeding	<input type="checkbox"/>	
<i>Ixobrychus minutus minutus</i> (Western Palearctic populations)	<input type="checkbox"/> Very Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Ixobrychus sturmii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Ardeola rufiventris</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Ardeola idae</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Egretta vinaceigula</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Casmerodius albus albus</i> (Western Palearctic populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Ardea purpurea purpurea</i> (populations breeding in the Western Palearctic)	<input type="checkbox"/> Very Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Mycteria ibis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Ciconia nigra</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Ciconia episcopus microscelis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Ciconia ciconia</i>	<input type="checkbox"/> Very Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Plegadis falcinellus</i>	<input type="checkbox"/> Very Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Geronticus eremita</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Threskiornis aethiopicus aethiopicus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Platalea alba</i> (excluding Malagasy population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Platalea leucorodia</i>	<input checked="" type="checkbox"/> Rare	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Phoenicopterus ruber</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Phoenicopterus minor</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ANSERIFORMES					
<i>Dendrocygna bicolor</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Dendrocygna viduata</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Thalassornis leucotis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Oxyura leucocephala</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Cygnus olor</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998

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<i>Cygnus cygnus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Cygnus columbianus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Anser brachyrhynchus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Anser fabalis</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Anser albifrons</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Anser erythropus</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Anser anser</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Branta leucopsis</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Branta bernicla</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Branta ruficollis</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Alopochen aegyptiacus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Tadorna ferruginea</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Tadorna cana</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Tadorna tadorna</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Plectropterus gambensis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sarkidiornis melanotos</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Nettapus auritus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Anas penelope</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Anas strepera</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Anas crecca</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Anas capensis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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<i>Anas platyrhynchos</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Anas undulata</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Anas acuta</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Anas erythrorhyncha</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Anas hottentota</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Anas querquedula</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Anas clypeata</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Marmaronetta angustirostris</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Netta rufina</i>	<input checked="" type="checkbox"/> Rare	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Netta erythrophthalma</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Aythya ferina</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Aythya nyroca</i>	<input type="checkbox"/> Very Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Aythya fuligula</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Aythya marila</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Somateria mollissima</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Somateria spectabilis</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Polysticta stelleri</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Clangula hyemalis</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Melanitta nigra</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Melanitta fusca</i>	<input checked="" type="checkbox"/> Scarce	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Bucephala clangula</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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
<i>Mergellus albellus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Mergus serrator</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Mergus merganser</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
FALCONIFORMES					
<i>Pandion haliaetus</i>	<input checked="" type="checkbox"/> Rare	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
GALLIFORMES					
<i>Coturnix coturnix coturnix</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
SPHENISCIFORMES					
<i>Spheniscus demersus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PROCELLARIIFORMES					
<i>Diomedea exulans</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Diomedea epomophora</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Diomedea irrorata</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Diomedea nigripes</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Diomedea immutabilis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Diomedea melanophris</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Diomedea bulleri</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Diomedea cauta</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Diomedea chlororhynchos</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Diomedea chrysostoma</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Phoebetria fusca</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Phoebetria palpebrata</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Macronectes giganteus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Macronectes halli</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Procellaria cinerea</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Procellaria aequinoctialis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Procellaria aequinoctialis conspicillata</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Procellaria parkinsoni</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Procellaria westlandica</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
GRUIFORMES					
<i>Porzana porzana</i> (populations breeding in the	<input checked="" type="checkbox"/> Rare – Has	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
Western Palearctic)	Bred				
<i>Porzana parva parva</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Porzana pusilla intermedia</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Fulica atra atra</i> (Mediterranean and Black Sea populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Aenigmatolimnas marginalis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sarothrura boehmi</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sarothrura ayresi</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Crex crex</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Grus leucogeranus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Grus virgo</i> (Syn. <i>Anthropoides virgo</i>)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Grus paradisea</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Grus carunculatus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Grus grus</i>	<input checked="" type="checkbox"/> Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Chlamydotis undulata</i> (only Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Otis tarda</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CHARADRIIFORMES					
<i>Himantopus himantopus</i>	<input checked="" type="checkbox"/> Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Recurvirostra avosetta</i>	<input checked="" type="checkbox"/> Rare – Has Bred	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Dromas ardeola</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Burhinus oedicnemus</i>	<input type="checkbox"/> Very Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Glareola pratincola</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Glareola nordmanni</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Pluvialis apricaria</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Pluvialis squatarola</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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
<i>Charadrius hiaticula</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Charadrius dubius</i>	<input checked="" type="checkbox"/> Rare	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Charadrius pecuarius</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Charadrius tricollaris</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Charadrius forbesi</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Charadrius pallidus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Charadrius alexandrinus</i>	<input type="checkbox"/> Very Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Charadrius marginatus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Charadrius mongulus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Charadrius leschenaultii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Charadrius asiaticus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Eudromias morinellus</i>	<input checked="" type="checkbox"/> Rare – Has Bred	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Vanellus vanellus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Vanellus spinosus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Vanellus albiceps</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Vanellus senegallus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Vanellus lugubris</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Vanellus melanopterus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Vanellus coronatus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Vanellus superciliosus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Vanellus gregarius</i> (<i>Syn Chettusia gregaria</i>)	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Vanellus leucurus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Gallinago media</i>	<input checked="" type="checkbox"/> Very Rare	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Gallinago gallinago</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Lymnocyptes minimus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Limosa limosa</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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
<i>Limosa lapponica</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Numenius phaeopus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Numenius tenuirostris</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Numenius arquata</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Tringa erythropus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Tringa totanus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Tringa stagnatilis</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Tringa nebularia</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Tringa ochropus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Tringa glareola</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Tringa cinerea</i>	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Tringa hypoleucos</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Arenaria interpres</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Calidris tenuirostris</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Calidris canutus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Calidris alba</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Calidris minuta</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Calidris temminckii</i>	<input checked="" type="checkbox"/> Rare	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Calidris maritima</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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
<i>Calidris alpina</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Calidris ferruginea</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Limicola falcinellus</i>	<input type="checkbox"/> Vary Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Philomachus pugnax</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Phalaropus lobatus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Phalaropus fulicaria</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Larus hemprichii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Larus leucophthalmus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Larus ichthyaetus</i> (West Eurasian and African population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Larus melanocephalus</i>	<input checked="" type="checkbox"/> Scarce-Breeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Larus genei</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Larus audouinii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Larus armenicus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sterna nilotica nilotica</i> (West Eurasian and African populations)	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sterna caspia</i> (West Eurasian and African populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sterna maxima albidorsalis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sterna bergii</i> (African and Southwest Asian populations)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sterna bengalensis</i> (African and Southwest Asian populations)	<input type="checkbox"/> Vagrant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sterna sandvicensis sandvicensis</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Sterna dougallii</i> (Atlantic population)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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
<i>Sterna hirundo hirundo</i> (populations breeding in the Western Palearctic)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Sterna paradisaea</i> (Atlantic populations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Sterna albifrons</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Bird Watch Ireland, Autumn 1998
<i>Sterna saundersi</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sterna balaenarum</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sterna repressa</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Chlidonias niger niger</i>	<input checked="" type="checkbox"/> Scarce – Has Bred	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Chlidonias leucopterus</i> (West Eurasian and African population)	<input checked="" type="checkbox"/> Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CORACIIFORMES					
<i>Merops apiaster</i>	<input type="checkbox"/> Very Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Coracias garrulus</i>	<input type="checkbox"/> Very Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PSITTACIFORMES					
<i>Amazona tucumana</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PASSERIFORMES					
<i>Hirundo atrocaerulea</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acrocephalus paludicola</i>	<input type="checkbox"/> Very Rare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TESTUDINATA					
<i>Chelonia depressa</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Chelonia mydas</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Caretta caretta</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Eretmochelys imbricata</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Lepidochelys kempii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Lepidochelys olivacea</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Dermochelys coriacea</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Podocnemis expansa</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CROCODYLIA					
<i>Crocodylus porosus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ACIPENSERIFORMES					
<i>Huso huso</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Huso dauricus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Species	Range State	Not a Range State	Extinct	No information available	Published distribution reference
<i>Acipenser baerii baicalensis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser fulvescens</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser gueldenstaedtii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser medirostris</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser mikadoi</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser naccarii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser nudiventris</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser persicus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser ruthenus</i> (Danube population)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser schrenckii</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser sinensis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser stellatus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Acipenser sturio</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Pseudoscaphirhynchus kaufmanni</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Pseudoscaphirhynchus hermanni</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Pseudoscaphirhynchus fedtschenkoi</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Psephurus gladius</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LEPIDOPTERA					
<i>Danaus plexippus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ORECTOLOBIFORMES					
<i>Rhincodon typus</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

Species	Range State	Extinct	Published distribution reference
Order FALCONIFORMES, Family Cathartidae			
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	

Species	Range State	Extinct	Published distribution reference
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
Order FALCONIFORMES, Family Accipitridae			
<i>Pandion haliaetus</i>	<input type="checkbox"/> Range State	<input checked="" type="checkbox"/> Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998
<i>Haliaeetus albicilla</i>	<input type="checkbox"/> Range State	<input checked="" type="checkbox"/> Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998
<i>Aquila chrysaetos</i>	<input type="checkbox"/> Range State	<input checked="" type="checkbox"/> Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998
<i>Accipiter nisus</i>	<input checked="" type="checkbox"/> Range State	<input type="checkbox"/> Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998
<i>Buteo buteo</i>	<input checked="" type="checkbox"/> Range State	<input type="checkbox"/> Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998
<i>Circus cyaneus</i>	<input checked="" type="checkbox"/> Range State	<input type="checkbox"/> Extinct	Checklist of the Birds of Ireland. Irish Rare Birds Committee. Birdwatch Ireland, 1998 Re-introduction program initiated 2001
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
Order FALCONIFORMES, Family Falconidae			
<i>Falco peregrinus</i>	<input checked="" type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
<i>Falco columbarius</i>	<input checked="" type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
<i>Falco tinnunculus</i>	<input checked="" type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	

Species	Range State	Extinct	Published distribution reference
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
Order PASSERIFORMES, Family Muscicapidae			
<i>Muscicapa striata</i>	<input checked="" type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	
	<input type="checkbox"/> Range State	<input type="checkbox"/> Extinct	