



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

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

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

Please refer to the separate instructions on completing the report. Parties are encouraged to respond to all questions, since it cannot be assumed that the absence of a response indicates that no activities taken have place in the current reporting period. Parties are also requested to provide comprehensive answers, including, where appropriate, a summary of activities, information on factors limiting action and details of any assistance required.

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

INSTITUTO DA CONSERVAÇÃO DA NATUREZA (ICN), Ministry of Environment, Landscape Planning and Regional Development

List any other agencies that have provided input:

Department of Oceanography – University of Azores;

Autonomous Government of the Azores – Regional Directorate for the Environment

Autonomous Government of Madeira – Regional Secretariat for the Environment and Natural Resources

Department of Biology, Marine Biology and Oceanography - University of Madeira;

Madeira Natural Park;

Whale Museum – Madeira

SPEA – Portuguese Society for the Study of Birds

I(a). General Information

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

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| Reports submitted: | 1999, 2002, 2005 |
| Period covered by this report: | 2003 – 2005 |
| Date of entry into force of the Convention in Portugal: | 1 November 1983 |
| Territory to which the Convention applies: | Portugal and the Autonomous Regions of Madeira and of the Azores |
| Reservations (against species listings): | None |

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| <p>Designated Focal Point: Name: Dr. João José Loureiro Address: Instituto da Conservação da Natureza (ICN) Rua de Santa Marta, 55 1150-294 Lisboa Portugal</p> <p>Tel.: (+351) 21 350 79 00 Fax: (+351) 21 350 79 84 E-mail: loureiroj@icn.pt</p> | <p>Appointment to the Scientific Council: Name: Marina Sequeira Address: Instituto da Conservação da Natureza (ICN) Rua de Santa Marta, 55 1150-294 Lisboa Portugal</p> <p>Tel.: (+351) 21 350 79 00 Fax: (+351) 21 350 79 84 E-mail: sequeiram@icn.pt</p> |
| <p>Membership of the Standing Committee:</p> | |
| <p>Competent authority:</p> | <p>Portugal: Ministry of Environment, Landscape Planning and Regional Development</p> <p>Madeira: Regional Secretariat for the Environment and Natural Resources</p> <p>The Azores: Regional Directorate for the Environment of the Azores</p> |
| <p>Implementing legislation:</p> | <p>Decree-Law 312/70, 6th July 1970 (Freshwater Fishing law)</p> <p>Decree-Law 263/81, 3rd September (protection of marine mammals on the Portuguese coastal zone and EEZ)</p> <p>Regional Legislative Decree 2/83/A, 2nd March (protection of four Delphinid species in the territorial sea and Azores EEZ)</p> <p>Regional Legislative Decree 18/85/M, 7th September (protection of marine turtles in sub-area 2 (Madeira) of the Portuguese EEZ)</p> <p>Regional Legislative Decree 6/86/M, 30th May (protection of marine mammals in the territorial waters of Madeira and sub-area 2 (Madeira) of the Portuguese EEZ)</p> <p>Law nr. 30/86, 27th August (Hunting law)</p> <p>Law 11/87, 7th April (Constitutional Law on the Environment)</p> <p>Decree-Law 278/87, 7th July (Fishing law in maritime areas)</p> <p>Decree-Law 316/89, 22nd September (regulates the Bern Convention).</p> <p>Decree-Law 114/90, 5th April – regulates the CITES Convention into national legislation.</p> <p>Decree-Law 218/92, 12th October (National Ecological Reserve)</p> <p>Decree-Law 19/93, 23rd January (National Protected Areas Network)</p> <p>Decree-Law 136/96, 14th August (Regulates Law nr. 30/86)</p> <p>Law 33/96, 17th August (Constitutional Law on Forestry Policy)</p> <p>Regional Legislative Decree 9/99/A, 22nd March (regulates whale watching in the territorial waters and Exclusive Economic Zone (EEZ) of the Azores)</p> <p>Resolution of Council of Ministries nr. 27/99, 18th March (approves the Plan for the Sustainable Development of the Portuguese Forest).</p> <p>Decree-Law 140/99, 24th April 1999 (reviews the adaptation of EU Directives 92/43/EEC – Habitats Directive, and 79/409/EEC – Birds Directive into national legislation. Updates Decree-Laws 75/91, 14th February, 224/93, 18th June and 226/97, 27th August)</p> |

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| | <p>Decree-Law 565/99, 21st December (regulates the introduction of exotic species)</p> <p>Law nr. 173/99, 21st September (new hunting law; updates law 30/86, 27th August)</p> <p>Decree-Law 69/2000, 3rd May (sets the obligation of having an Environmental Impact Assessment for any project involving forestation and/or re-forestation)</p> <p>European Commission. 2003. Council Regulation (EC) nr 1954/2003 of 4 November 2003 on the management of the fishing effort relating to certain Community fishing areas and resources and modifying Regulation (EC) No 2847/93 and repealing Regulations (EC) No 685/95 and (EC) No 2027/95. Official Journal of the European Union EN L289 (7.11.2003), 1-6.</p> <p>Council Regulation (EC) n° 812/2004, 26 April, laying down measures concerning incidental catches of cetaceans in fisheries and amending Regulation (EC) n° 88/98.</p> <p>Decree Law 202/2004, 18th August (regulates law 173/99, 21st September)</p> <p>Decree Law 49/2005, 24th February (updates Decree Law 140/99 – EU Birds and Habitats Directives).</p> |
| <p>Other relevant conventions/agreements (apart from CMS) to which Portugal is a Party:</p> | <p>International Convention for the Regulation of Whaling 1946 (ICRW)</p> <p>Convention on Wetlands of International Importance Especially as Waterfowl Habitats 1971 (“Ramsar Convention”)</p> <p>Convention on International Trade in Endangered Species of Wild Fauna and Flora 1973 (CITES)</p> <p>Convention on the Conservation of European Wildlife and Natural Habitats 1979 (“Bern Convention”)</p> <p>Convention on Biological Diversity 1992 (CBD)</p> <p>Framework Convention on Climate Change 1992</p> <p>Council Directive of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora (92/43/EEC) (“Habitats Directive”)</p> <p>Convention for the Protection of the Marine Environment of the North-East Atlantic 1992 (1992 OSPAR Convention)</p> <p>Convention to Combat Desertification in those Countries Experiencing Serious Drought and/or Desertification , particularly in Africa 1994</p> <p>Agreement on Straddling Fish Stocks and Highly Migratory Fish Stocks(1995)</p> <p>Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area (ACCOBAMS) 2001</p> |
| <p>National policy instruments (e.g. national biodiversity conservation strategy, etc.):</p> | <p>National Ecological Reserve</p> <p>National Protected Areas Network</p> <p>National Strategy for the Conservation of Nature and Biodiversity</p> <p>National Plan for the Conservation of Bats</p> |
| <p>ACCOBAMS: <input checked="" type="checkbox"/> Party <input type="checkbox"/> Signed but not yet entered force <input type="checkbox"/> Non-party (but ratification is expected during 2002)</p> | |
| <p>National Focal Point Name: Marina Sequeira</p> | <p>Appointed member of the Scientific Committee Name:</p> |

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| Address: Instituto da Conservação da Natureza (ICN) Rua de Santa Marta, 55 1150-294 Lisboa Portugal Tel.: (+351) 21 350 79 00 Fax: (+351) 21 350 79 84 E-mail: sequeiram@icn.pt | Address: Tel.: Fax: E-mail: |
| Membership of other committees or working groups: | |
| EUROBATS: <input checked="" type="checkbox"/> Party <input type="checkbox"/> Signed but not yet entered force <input type="checkbox"/> Non-party | |
| Competent authority Name: Instituto da Conservação da Natureza Address: Rua de Santa Marta, 55 1150-294 Lisboa Portugal Tel.: (+351) 21 350 79 00 Fax: (+351) 21 350 79 84 | Appointed member of the Advisory Committee Name: Luísa Rodrigues Address: Instituto da Conservação da Natureza (ICN) Rua de Santa Marta, 55 1150-294 Lisboa Portugal Tel.: (+351) 21 350 79 00 Fax: (+351) 21 350 79 84 E-mail: rodriguesl@icn.pt |
| Membership of other committees or working groups: | |
| Marine Turtle – Africa MoU: <input type="checkbox"/> Signatory <input checked="" type="checkbox"/> Non-signatory | |
| National Focal Point: | Name: Address: Tel.: Fax: E-mail: |
| AEWA: <input checked="" type="checkbox"/> Party <input type="checkbox"/> Signed but not yet entered force <input type="checkbox"/> Non-party | |
| Administrative Authority Name: Claudia Franco Address: Instituto da Conservação da Natureza (ICN) Rua de Santa Marta, 55 1150-294 Lisboa Portugal Tel.: (+351) 21 350 79 00 Fax: (+351) 21 350 79 84 E-mail: francoc@icn.pt | Appointed member of the Technical Committee Name: Address: Tel.: Fax: E-mail: |
| Membership of other committees or working groups: | |
| Albatrosses and Petrels: <input type="checkbox"/> Party <input type="checkbox"/> Signed but not yet entered force <input checked="" type="checkbox"/> Non-party | |
| Designated Authority Name: Address: Tel.: Fax: E-mail: | National Contact Point Name: Address: Tel.: Fax: E-mail: |
| Membership of Advisory Committee | Name: Address: Tel.: Fax: E-mail: |

I(b). Additional General Information

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| 1 | <p>Which other government departments are involved in activities/initiatives for the conservation of migratory species in your country? (Please list.)</p> <p>Portugal: Ministry of Agriculture, Rural Development and Fisheries: General Directorate for Forestry Resources – namely for game species and migratory freshwater fishes; General Directorate for Fisheries – namely for sharks</p> <p>Madeira: Regional Secretariat for the Environment and Natural Resources</p> <p>Azores: Regional Directorate for the Environment</p> |
| 1a | <p>If more than one government department is involved, describe the interaction/relationship between these government departments:</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><i>Liga para a Protecção da Natureza</i> – portuguese NGO that has been involved in projects related to the conservation of stepic birds and their habitat, specially in Castro Verde SPA.</p> <p><i>QUERCUS</i> – portuguese NGO that in recent years has been involved in projects involving the conservation of birds of prey, the black stork and the creation and maintenance of rehabilitation centers for birds.</p> <p><i>Sociedade Portuguesa para o Estudo das Aves (SPEA)</i> – the Portuguese Society for the Study of Birds has recently signed an agreement with ICN in the framework of the project for the revision of the National Atlas of Birds. It is the national representative of BirdLife International and since January 2005 coordinates an EU LIFE project on “Important bird areas for seabirds in Portugal”.</p> |
| 3 | <p>Describe any involvement of the private sector in the conservation of migratory species in your country:</p> <p>EDP (Portuguese Electricity Company) and REN (Portuguese Electrical Network) have signed protocols with ICN in order to evaluate and minimize the impacts of electrocution from medium and high-voltage electricity transmission lines on migratory birds.</p> <p>BRISA (Portuguese Highways Company) signed a protocol with ICN in order to evaluate and minimize the impacts of the new highway A2 on the indigenous fauna.</p> <p><i>Zoomarine</i>, a dolphinarium established in southern Portugal, has been involved in projects of rehabilitation of marine mammals and sea turtles.</p> <p>Gaia Biological Park (near Oporto) has been involved in projects of bird rehabilitation.</p> <p>An agreement is under course between ICN and the Portuguese Association of Renewable Energies Producers to evaluate the impact of wind farms and hydroelectric power projects namely on bats, birds and migratory freshwater fishes. This agreement includes also the establishment of minimizing measures.</p> |
| 4 | <p>Note any interactions between these sectors in the conservation of migratory species in your country:</p> <p>Two protocols have been signed between the Institute for Nature Conservation and <i>Zoomarine</i> aiming at the establishment of a National Network for Live Marine Mammals Strandings and for the creation of a Center for Rehabilitation of Sea Turtles.</p> <p><i>QUERCUS</i> (in Castelo Branco district), in cooperation with ICN, is involved in a project for the reproduction of <i>Neophron percnopterus</i> using rehabilitated birds unable to be released into the wild.</p> |

II. Appendix I species

1. BIRDS

1.1 General questions on Appendix I bird species

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| 1 | Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I bird species: Portugal: Ministry of Environment, Landscape Planning and Regional Development - Instituto da Conservação da Natureza (ICN) Madeira: Regional Secretariat for the Environment and Natural Resources Azores. Regional Directorate for the Environment |
| 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 (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)): |
| 3 | Identify any obstacles to migration that exist in relation to Appendix I bird species: Habitat reduction and fragmentation; disturbance and mortality caused by hunting; disturbance due to human activities (barriers).. |
| 3a | What actions are being undertaken to overcome these obstacles? Establishment of Special Areas of Conservation and Protected Areas (e.g. Santo André and Sancha lagoons, southern Portugal). Hunting management inside classified areas, including natural parks, pSICs and SPAs (already taking place). Management of recreational activities inside protected areas (already taking place). Environmental Impact Assessment. |
| 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 bird species, including strictly controlling the introduction of, or controlling or eliminating, already introduced exotic species (Article III(4)(c))? Control the introduction of exotic species, development of EIA for any project that might have a direct or indirect impact on bird species, establishment of SPAs (ex: <i>Falco naumanni</i>), agreements with the private sector (ex: EDP and BRISA, see previous page). |
| 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? |

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 Aquila heliaca</i> – Common Name(s) Imperial Eagle | |
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| 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"/> Species protection <input type="checkbox"/> Species restoration <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 Falco naumanni</i> – Common Name(s) Lesser Kestrel | |
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| 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: <ol style="list-style-type: none"> Rocha, P.; Arajo, A.; Cruz, C. 1996 - A evolução das populações portuguesas de Francelho-das-Torres <i>Falco naumanni</i>. In Farinha, J.C.; Almeida, J.; Costa, H. (Eds.) I Congresso da Sociedade Portuguesa para o Estudo das Aves (SPEA). Vila Nova de Cerveira, 1-3 Novembro 1994: 97-98. Rocha, P.A. 1998 – Diet and foraging behaviour of the Lesser Kestrel <i>Falco naumanni</i>. <i>Airo</i> 9 (1/2): 40-47. Pacheco, C.; Rosa, G.; Blanco, H.; Monteiro, P. 1999 – Population and distribution of some cliff nesting birds in the Tejo river basin in 1997 [in portuguese]. <i>Airo</i>, 10: 22-31. Reis, S. 2000 – Selection of the hunting habitat by the Lesser Kestrel (<i>Falco naumanni</i>) at Mértola colony [in portuguese]. Unpublished report. ICN / PNVG. Rocha, P.A.; Catry, I.; Reis, S. 2002 – Censo nacional do francelho-das-torres <i>Falco naumanni</i>. <i>Airo</i> 12: 3-9. Franco, A.M.A. 2003 – Habitat selection and breeding ecology of lesser kestrels <i>Falco naumanni</i>: implications for conservation. Thesis for the degree of Doctor of Philosophy. University of East Anglia: 123pp. Alcazar, R.; Cordeiro, A.; Catry, I.; Reis, S.; Franco, A. & Rocha, P. 2004 – Projecto de Recuperação do Peneireiro-das-torres (<i>Falco naumanni</i>) em Portugal. Livro de Actas das II Jornadas Ambientais de Castro Verde, Castro Verde: pp. 23-31. Cordeiro, A.; Neves, R.; Alcazar, R.; Catry, I.; Franco, A.; Rocha, P. & Palmeirim, J. 2004 – Lesser Kestrel (<i>Falco naumanni</i>) habitat selection in Portugal: implications for management measures establishment. Proceedings of the International Symposium on Ecology and Conservation of Steppe Land Birds. Lerida, Spain, pp 169. Neves, R.; Cordeiro, A.; Palmeirim, J.; Franco, A. & Alcazar, R. 2004 – Selecção de habitat de alimentação por Peneireiro-das-torres (<i>Falco naumanni</i>) através de radio-telemetria. Livro de resumos do 9º Encontro Nacional de Ecologia da SPECO, p 35. Catry, I.; Reis, S.; Alcazar, R.; Cordeiro, A.; Rocha, P. & Franco, A. 2004 – Será o aumento da disponibilidade de locais de nidificação uma medida de gestão eficaz para a recuperação do Francelho em Portugal? <i>Airo</i>, 14: 21-28. Franco, A.; Catry, I.; Sutherland, W.J. & Palmeirim, J. 2004 – Do different habitat preference survey methods |

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| | <p>produce the same conservation recommendations for Lesser Kestrels? <i>Animal Conservation</i> (2004) 7: 291-300.</p> <p>12. Cabral MJ (coord.), Almeida J, Almeida PR, Dellinger T, Ferrand de Almeida N, Palmeirim JM, Queiroz AI, Rogado L & Santos-Reis M (eds.) (in prep.). <i>Livro Vermelho dos Vertebrados de Portugal</i>. Instituto da Conservação da Natureza. Lisboa.</p> |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>In 2001, the Portuguese breeding population was estimated between 286 and 291 pairs, in 2003 between 349 and 376 pairs and the last census in 2004 estimated 449 to 472 pairs. The species occurs mainly in the south part of the country (Alentejo) with 80% of the population concentrated at Castro Verde and Vale do Guadiana SPAs. The remaining 20% are spread in the IBAs of Cuba, Évora and Vila Fernando. In Campo Maior SPA the species was present in 2001 and disappeared due to lack of breeding sites and reduction of feeding habitats. The 3 EU LIFE-Nature projects coordinated by LPN in the Castro Verde SPA allowed an increase in nest availability, which may be one of the main reasons for the population increase registered in this area. Also the existence of an Agro-Environmental Measure (Zonal Plan of Castro Verde, that promotes the conservation of the pseudo-steppe habitat in Castro Verde SPA) aimed at the conservation of steppe land birds, such as the Great bustard and the Lesser Kestrel, had clear implications on the increase in population numbers in Castro Verde SPA, where prey availability is not a constraint for Lesser Kestrel conservation.</p> <p>Revision of the Portuguese Vertebrates Red Data Book (in prep.) classifies the species as VU.</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 conducted under the LPN (Liga para a Protecção da Natureza) EU LIFE Project “ Re-establishment of the Lesser Kestrel (<i>Falco naumanni</i>) in Portugal”. Research focused on hunting behaviour, hunting habitats and effects of predation and competition on the species.</p> <p>ICN is conducting a ringing program since 1994.</p> <p>Contact: 1) Dr. Pedro Rocha, Parque Natural do Vale do Guadiana, Apartado 45, 7750 Mértola, Portugal.</p> <p>2) Liga para a Protecção da Natureza (LPN), Estrada do Calhariz de Benfica 187, 1500-124 Lisboa, Portugal.</p> <p>lpn.natureza@mail.telepac.pt</p> <p>www.lpn.pt</p> <p><input checked="" type="checkbox"/> Monitoring</p> <p>National censuses of Lesser Kestrel are conducted yearly</p> <p>Contact: Dr. Pedro Rocha, Parque Natural do Guadiana, Apartado 45, 7750 Mértola, Portugal</p> <p><input checked="" type="checkbox"/> Species protection</p> <p><input checked="" type="checkbox"/> Species restoration</p> <p><input checked="" type="checkbox"/> Habitat protection</p> <p>Project on the Conservation of Steppe Land Birds at Castro Verde region (southern Portugal)</p> <p>Contact: Liga para a Protecção da Natureza (LPN), Estrada do Calhariz de Benfica 187, 1500-124 Lisboa, Portugal</p> <p>lpn.natureza@mail.telepac.pt</p> <p>www.lpn.pt</p> <p><input checked="" type="checkbox"/> Habitat restoration</p> <p><input checked="" type="checkbox"/> Other</p> <p>Under the EU LIFE Project “Re-establishment of the Lesser Kestrel (<i>Falco naumanni</i>) in Portugal”, the following actions are been developed:</p> <ul style="list-style-type: none"> • Breeding areas surveyed in 2003, 2004 and 2005. • Research into limiting factors carried out to identify factors that enable colony growth. • Measures taken to prevent predation and interspecific competition. • Artificial nests (more than 200) provided in Castro Verde and Guadiana SPAs; construction of walls and rehabilitation of breeding structures also provided new breeding sites. • Feedings areas promoted by implementation of farming techniques that are beneficial to the main prey occurrence. • Rehabilitation centre created in 2003 to specifically address Lesser Kestrel. • General public awareness campaigns for the conservation of the species. • Environmental education actions specially directed to the local populations and teachers |

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| 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: Development of Agriculture Zonal Plans for two SPAs (Vale do Guadiana and Campo Maior) |

| <i>Species Marmaronetta angustirostris</i> – Common Name(s) Marbled Teal | |
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| 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"/> Species protection <input type="checkbox"/> Species restoration <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 Aythya nyroca</i> – Common Name(s) Ferruginous Pochard, Ferruginous Duck | |
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| 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: 1. Costa, L.T.; Guedes, R.S., 1997 – Contagens de anatódeos invernantes em Portugal. Invernos de 1993/94 a 1995/96. <i>Estudos de Biologia e Conservação da Natureza</i> , 20 :56 pp. 2. Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p 3. Ministro, J. 2001 - A Importância da avifauna na gestão sustentável da Lagoa dos Salgados. Estágio de licenciatura de Engenharia do Ambiente da Universidade do Algarve 4. Costa, L. T, M. Nunes, P. Geraldés e H. Costa 2003 - Zonas Importantes para as Aves em Portugal. Sociedade Portuguesa para o Estudo das Aves, Lisboa. |
| 3 | Summarise information on population size, trends and distribution (if known): Since 2001, one breeding pair occupies regularly the Salgados Lagoon wetland. This is the first and the unique comproved record for Portugal. In autumn and winter, isolated birds are registered in different wetlands (Ria Formosa, Lagoa St. André), always in very low numbers. In Salgados Lagoon, 1 - 2 birds are regularly seen during winter. The migration and wintering records are under the 15 birds. The actual trend is stable. |

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| 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 <input checked="" type="checkbox"/> Monitoring</p> <p>As part of the annual waterbird counts</p> <p><input type="checkbox"/> Species protection <input type="checkbox"/> Species restoration <input checked="" type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input type="checkbox"/> Other</p> <p>The Lagoa dos Salgados (also known as Pera Marsh) is the only known breeding site for the species in Portugal. Since the classification of the Salgados Lagoon as an Important Bird Area, SPEA/BirdLife is being very active working with local NGO's and private and governmental institutions for the conservatin and protection of this site. Regular bird countings, wardening and habitat monitoring are being carried out during all year.</p> <p>Contacts: 1) Instituto da Conservação da Natureza, Rua de Santa Marta 55, 1150-294 Lisboa, Portugal 2) João Ministro jministro@yahoo.com (IBA caretaker) 3) Luís Costa, Sociedade Portuguesa para o Estudo das Aves, luis.costa@spea.pt (tel. +351.213220430)</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: |

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| Species <i>Oxyura leucocephala</i> – Common Name(s) White-headed Duck | |
| 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: |
| 3 | Summarise information on population size, trends and distribution (if known): Population size and trends unknown. Few individuals have been sighted in some lagoons in central and southern Portugal. |
| 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 <input checked="" type="checkbox"/> Monitoring as part of annual waterbird counts</p> <p><input type="checkbox"/> Species protection <input type="checkbox"/> Species restoration <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input type="checkbox"/> Other</p> <p>Contact: Instituto da Conservação da Natureza, Rua de Santa Marta 55, 1150-194 Lisboa, Portugal</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: |

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| Species <i>Larus audouinii</i> – Common Name(s) Audouin's Gull | |
| 1 | Is your country a Range State for this species? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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| 2 | <p>Please provide published distribution reference:</p> <ol style="list-style-type: none"> 1. BirdLife International 2004 - Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series No. 12). 2. Nagy, S. & Crockford, N. 2004 - Impletation in the European Union of Species Action Plans for 23 of the European most threatened birds. Wageningen, The Netherlands. BirdLife International. 3. Cabral MJ (coord.), Almeida J, Almeida PR, Dellinger T, Ferrand de Almeida N, Palmeirim JM, Queiroz AI, Rogado L & Santos-Reis M (eds.) (<i>in prep.</i>). <i>Livro Vermelho dos Vertebrados de Portugal</i>. Instituto da Conservação da Natureza. Lisboa. |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>The breeding population of Audouin's Gull is localized in Southern Portugal and is estimated at 25-30 pairs. There is no published information about the population trends.</p> <p>Revision of the Portuguese Vertebrates Red Data Book (<i>in prep.</i>) classifies the species as VU.</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 <input checked="" type="checkbox"/> Monitoring</p> <p>As part of the annual waterbird counts</p> <p>Contact: 1) Instituto da Conservação da Natureza, Rua de Santa Marta 55, 1150-294 Lisboa, Portugal 2) Sociedade Portuguesa para o Estudo das Aves (SPEA), Rua da Vitória 53 – 3rd E, 1100-618 Lisboa, Portugal</p> <p>www.spea.pt</p> <p><input checked="" type="checkbox"/> Species protection <input type="checkbox"/> Species restoration <input checked="" type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <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>As a result of collaboration between SPEA and BirLife/ Vogelbescherming Nederland the project "Conservation of Audouin's Gull (<i>Larus audouinii</i>) in Southern Portugal" is currently in progress. This project aims to study the Portuguese breeding, passage and wintering population of Audouin's Gull, and to define a national Action Plan for the species with the participation of ICN.</p> |

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| <i>Species Acrocephalus paludicola</i> – Common Name(s) Aquatic Warbler | |
| 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: |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>Every year up to 4 individuals are ringed during the autumn migration at Santo André lagoon (southern Portugal). The species is also being sighted in central Portugal (Paul do Taipal and Paul de Arzila).</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 type="checkbox"/> Research <input type="checkbox"/> Monitoring <input type="checkbox"/> Species protection <input type="checkbox"/> Species restoration <input type="checkbox"/> Habitat protection</p> |

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| | <input type="checkbox"/> Habitat restoration <input checked="" type="checkbox"/> Other Ringing program Contact: National Ringing Station / CEMPA Instituto da Conservação da Natureza, Rua de Santa Marta 55, 1150-194 Lisboa, Portugal |
| 5 | If no activities have been carried out for this species in the reporting period, what has prevented such action being taken? |
| 6 | Describe any future activities that are planned for this species: |

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

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| <i>Species name, Common Name(s):</i> <i>Aquila adalberti</i> , Iberian Imperial eagle | |
| 1 | Please provide published distribution reference: <ol style="list-style-type: none"> 1. Catry, P. 1999 – Aves nidificantes possivelmente extintas em Portugal continental. Revisão e síntese da informação disponível. <i>Airo</i> 10:1-13. 2. Palma, L.; Onofre. N.; Pombal, E. 1999 – Revised distribution of diurnal birds of prey in Portugal. <i>Avocetta</i> 23:3-18. 3. Blanco, H. & Pacheco, C. 2003 – O regresso da Águia Imperial Ibérica (<i>Aquila adalberti</i>) como nidificante em Portugal. Actas 3º Congresso de Ornitologia, SPEA, Aveiro. |
| 2 | Summarise information on population size, trends and distribution (if known): In Portugal, the species was probably common and widespread in the end of the 19th century, but it suffered a severe decline throughout the 20th century, becoming extinct as a regular breeding species in 1977 (Catry, 1999; Palma <i>et al.</i> 1999). Currently, there are regular dispersal and wintering sites of juveniles and sub-adults, involving probably 10-30 individuals in the south of Portugal. In 2003, a pair of Iberian imperial eagles occupied a territory and bred successfully near the international sector of the River Tagus, in Castelo Branco district. In 2004 a second pair was found breeding in the same region. Surveys conducted in 2003 and 2004 indicate that there might exist another three possible pairs (C. Pacheco, <i>in verbis</i> empacheco.icn@clix.pt). The recovery and expansion of the Spanish population in recent years has reached the Portuguese border and it seems that the re-colonization of former breeding areas in Portugal as started.. |
| 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 checked="" type="checkbox"/> Monitoring The nest is located in the vicinity of the Natural Park and SPA of Tejo Internacional. Monitoring of breeding success has been carried out since 2002. <input checked="" type="checkbox"/> Species protection Contacts between the land owners and the natural park staff have secured the species from any threat. <input type="checkbox"/> Species restoration <input checked="" type="checkbox"/> Habitat protection <input checked="" type="checkbox"/> Habitat restoration <input checked="" type="checkbox"/> Other All the above mentioned activities will be carried out under the Project "Improvement of the nesting habitat of the Iberian imperial eagle <i>Aquila adalberti</i> in the Tagus International area". This is a joint project between SPEA and ICN and as received a small grant (3000 €) from RSPB. This projects aims at securing the nesting habitat, as well as the tranquillity of the location during the breeding season. The project will support the special voluntary agreements that are to be made with the landowner and the game reserves nearby. Also during the Portuguese-Spanish summit (in 2004) an agreement was established between Spain and Portugal aiming |

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| | <p>at the conservation of the Iberian Imperial eagle populations. The project will be developed between October 2004-2006.</p> <p>Contact:</p> <p>ICN: Carlos Pacheco (Project Manager), Av. 1º de Maio 11 – 2º, 6000 Castelo Branco, Portugal (cmpacheco@clix.pt)</p> <p>SPEA: Luís Costa (SPEA Executive Director) Rua da Vitória 53 – 3º Esq., 1100-618 Lisboa, Portugal luís.costa@spea.pt ; WEB: www.spea.pt</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: Monitoring of the existing population, species and habitat protection and submission of an EU-LIFE funding project. |

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| <i>Species name, Common Name(s):</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"/> Species protection</p> <p><input type="checkbox"/> Species restoration</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: |

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| Miscellaneous information or comments on Appendix I birds in general: |
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2. MARINE MAMMALS

2.1 General questions on Appendix I marine mammals

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| 1 | <p>Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed marine mammals:</p> <p>Mainland Portugal: Ministry of Environment – Instituto da Conservação da Natureza (ICN) : Ministry of Agriculture, Rural Development and Fisheries – General Directorate for Fisheries and Aquaculture</p> <p>Azores: Department of Oceanography and Fisheries – University of the Azores</p> <p>Madeira: Madeira Natural Park Whale Museum - Madeira</p> |
| 2 | <p>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</p> <p>If <i>other</i> legislation is relevant, please provide details:</p> |
| 2a | <p>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</p> <p>If Yes, please provide details (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)):</p> |
| 3 | <p>Identify any obstacles to migration that exist in relation to Appendix I marine mammals:</p> <p>No obstacles identified.</p> |
| 3a | <p>What actions are being undertaken to overcome these obstacles?</p> |
| 3b | <p>What assistance, if any, does your country require in order to overcome these obstacles?</p> |
| 4 | <p>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))?</p> <p>Desertas island Special Protected Area was created in May 1990 (Regional Legislative Decree 14/90/M of 23 May 1990) to protect the resident colony of monk seals. Apart from the effective protection of the species, this legislation aimed at the recovery of fishing resources. Gillnetting was prohibited around the island up to the 100m depth contour. In 1992 another Regional Legislative Decree (nr. 9/95/M, 20th May 1992) classified the Desertas islands as a Natural Reserve, prohibiting also all kinds of submarine fishing activities.</p> |
| 4a | <p>Describe any factors that may limit action being taken in this regard:</p> |
| 4b | <p>What assistance, if any, does your country require to overcome these factors?</p> |

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 Balaenoptera musculus</i> – Common Name(s) Blue Whale | |
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| 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> <ol style="list-style-type: none"> 1. Chaves, A. 1924 – Cetáceos que aparecem no mar dos Açores. <i>A Pesca Marítima</i> 2 (15): 41-44. 2. Ferreira, E. 1935 – Gigantes dos mares dos Açores. <i>Açoreana</i> (Bol. Soc. Afonso Chaves), 2: 74-86. 3. Teixeira, A. 1979 – Marine mammals of the Portuguese coast. <i>Sonderdruck aus Z.f. Saugetierkunde</i> 44 (4): 221-238. 4. Reiner, F.; Santos, R.S: 1990 – Records of marine mammals of the Azores islands. <i>Garcia da Orta. Série de Zoologia</i>, 15 (2): 21-36. 5. Steiner, L.; Gordon, J.; Beer, C.J., 1999 – Marine mammals of the Azores. In Evans, P.G.H.; Parsons, E.C.M. (Eds.). <i>European Research on Cetaceans</i>, 12. Proc. 12th Annual Conference of the European Cetacean Society. Monaco, 20-24 January 1998: 79. 6. Simas, E.M.; Herbert, B.; Thompson, W.; Azevedo, J.H., 1999 – New cetacean observations for the Azores. In Evans, P.G.H.; Parsons, E.C.M. (Eds.). <i>European Research on Cetaceans</i>, 12. Proc. 12th Annual Conference of the European Cetacean Society. Valencia, Spain. 7. Cabral MJ (coord.), Almeida J, Almeida PR, Dellinger T, Ferrand de Almeida N, Palmeirim JM, Queiroz AI, Rogado L & Santos-Reis M (eds.) (<i>in prep.</i>). <i>Livro Vermelho dos Vertebrados de Portugal</i>. Instituto da Conservação da Natureza. Lisboa. |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>Population size and trends unknown. Every year few individuals are sighted in the Azores waters. No sightings recorded for Madeira archipelago nor mainland Portugal.</p> <p>Revision of the Portuguese Vertebrates Red Data Book (<i>in prep.</i>) classifies the species as EN (evaluation was done only for the Azores EEZ).</p> |

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| 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 <input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Species protection <input type="checkbox"/> Species restoration <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input checked="" type="checkbox"/> Other Further protection is given by whale watching regulation applied in the Azores.</p> <p><u>Azores:</u></p> <p>Photo-identification and genetic samples have been collected non-sistematically in the Azores, through research work done by the Dep. Oceanography and Fisheries of the Un. Azores and IMAR – Institute of Marine Research.</p> <p>One specimen was tagged with satellite transmitter in April, 2005, through the Mar-Eco Project (Patterns and Process of the Ecosystems of the Northern Mid-Atlantic).</p> <p><u>Madeira:</u></p> <p>Project aimed at the Conservation of Cetaceans in Madeira archipelago, conducted by the Whale Museum.</p> <p>This species, together with other baleen whales will be studied in a joint project which is now being prepared to be submitted to funding. This project is being developed together with research teams from the Azores (Imar – Açores) and the Canary Islands and aims at studying the movements, distribution and population structure of baleen whales, through genetic and satellite telemetry analysis.</p> <p>Contacts:</p> <p><u>At the Azores:</u> Dept. Oceanography and Fisheries, Univ. Azores, Cais Sta. Cruz, 9901-862 Horta, Azores</p> <p><u>At Madeira:</u> Dr. Luis Freitas, Museu da Baleia, Largo Manuel Alves, 9200-032 Caniçal, Madeira lfreitasmb@mail.telepac.pt</p> <p><u>In Portugal:</u> Marina Sequeira Instituto da Conservação da Natureza Rua de Santa Marta 55, 1150-294 Lisboa, Portugal sequeiram@icn.pt</p> |
| 5 | If no activities have been carried out for this species in the reporting period, what has prevented such action being taken? |
| 6 | <p>Describe any future activities that are planned for this species:</p> <p>Dedicated research projects (still under redaction) for movement, distribution and habitat use in the Azores.</p> |

Species Megaptera novaeangliae – Common Name(s) Humpback Whale

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| 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> <ol style="list-style-type: none"> Chaves, A. 1924 – Cetáceos que aparecem no mar dos Açores. <i>A Pesca Marítima</i> 2 (15): 41-44. Ferreira, E. 1935 – Gigantes dos mares dos Açores. <i>Açoreana</i> (Bol. Soc. Afonso Chaves), 2: 74-86. Clarke, R. 1981 – Whales and dolphins of the Azores and their exploitation. <i>Report of the International Whaling Commission</i> (SC/32/O1) 31:607-615. Gonçalves, J.M.; Galhardo, L., Brum, J. 1992 – Marine mammals stranded in the Azores during 1990-91. <i>Arquipélago. Life and Earth Sciences</i> 10: 113-118. Reiner, F. 1988 – Note on the first recorded stranding of a humpback whale, <i>Megaptera novaeangliae</i> on the Portuguese coast in Evans, P.G.H. – <i>European Research on Cetaceans</i> 2. Proc. 2nd Annual Conference of the European Cetacean Society. Tróia, Portugal, 5-7 February 1988: 42 Steiner, L.; Gordon, J. 1990 – Cetacean sightings made between 1987 and 1990 in the Azores. Unpublished report from the IFAW: 16 pp. Sequeira, M.; Inácio, A.; Reiner, F. 1992 – Arrojamentos de mamíferos marinhos na costa continental portuguesa entre 1978 e 1988. <i>Estudos de Biologia e Conservação da Natureza</i>, 7. SNPRCN: 48 pp. |

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| | <p>8. Steiner, L.; Gordon, J.; Beer, C.J., 1999 – Marine mammals of the Azores. <i>In</i> Evans, P.G.H.; Parsons, E.C.M. (Eds.). <i>European Research on Cetaceans</i>, 12. Proc. 12th Annual Conference of the European Cetacean Society. Monaco, 20-24 January 1998: 79.</p> <p>9. Freitas, L., Dinis, A., Alves, F., Nóbrega, F., 2004. Cetáceos no Arquipélago da Madeira. Museu da Baleia Edition.</p> <p>10. Cabral MJ (coord.), Almeida J, Almeida PR, Dellinger T, Ferrand de Almeida N, Palmeirim JM, Queiroz AI, Rogado L & Santos-Reis M (eds.) (<i>in prep.</i>). <i>Livro Vermelho dos Vertebrados de Portugal</i>. Instituto da Conservação da Natureza. Lisboa.</p> |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>Population size and trends unknown. Every year few individuals are sighted in the Azores waters during the Spring. The presence of this species in Madeira archipelago waters is considered rare (only two sightings recorded in 2003 and 2004). In mainland Portugal only two sightings were recorded in the last two years.</p> <p>Revision of the Portuguese Vertebrates Red Data Book (in prep.) classifies the species as VU (evaluation was done only for the Azores EEZ).</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 type="checkbox"/> Research</p> <p><input checked="" type="checkbox"/> Monitoring</p> <p><input checked="" type="checkbox"/> Species protection</p> <p><input type="checkbox"/> Species restoration</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input type="checkbox"/> Other Further protection is given by whale watching regulations applied in the Azores.</p> <p>The two projects mentioned for <i>B. musculus</i> also cover this species both in the Azores and Madeira waters.</p> <p>Contacts:</p> <p><u>At the Azores:</u> Dept. Oceanography and Fisheries, Univ. Azores, Cais Sta. Cruz, 9901-862 Horta, Azores</p> <p><u>At Madeira:</u> Dr. Luis Freitas, Museu da Baleia, Largo Manuel Alves, 9200-032 Caniçal, Madeira lfreitasmb@mail.telepac.pt</p> <p><u>In Portugal:</u> Marina Sequeira Instituto da Conservação da Natureza Rua de Santa Marta 55, 1150-294 Lisboa, Portugal sequeiram@icn.pt</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>The species is rare in the Portuguese EEZ</p> |
| 6 | <p>Describe any future activities that are planned for this species:</p> <p>Madeira:</p> <p>Project aimed at the Conservation of Cetaceans in Madeira archipelago, conducted by the Whale Museum.</p> <p>This species, together with other baleen whales will be studied in a joint project which is now being prepared to be submitted to funding. This project is being developed together with research teams from the Azores (Imar – Açores) and the Canary Islands and aims at studying the movements, distribution and population structure of baleen whales, through genetic and satellite telemetry analysis.</p> |

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| <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2 | <p>Please provide published distribution reference:</p> <p>1. Maul, G.E.; Sergeant, D.E. 1977 – New cetacean records from Madeira. <i>Bocagiana</i>, 43: 1-8.</p> <p>2. Martin, A.R.; Walker, F.J., 1997 – Sighting of a right whale (<i>Eubalaena glacialis</i>) with calf off S.W. Portugal. <i>Marine Mammal Science</i>, 13 (1):139-140.</p> |

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| 3 | Summarise information on population size, trends and distribution (if known): Population size and trends unknown. Last animals sighted in Madeira archipelago in 1967. In spite of the shipboard and aerial surveys conducted in 2001, 2002, 2003 and 2004 no animals were sighted. |
| 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 <input type="checkbox"/> Species protection <input type="checkbox"/> Species restoration <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? The species is extremely rare in the Portuguese EEZ and within its range occurs in very low numbers |
| 6 | Describe any future activities that are planned for this species: This species together with all other cetaceans species will be monitored in Madeira waters by the Whale Museum through long term program prepared during the "Project for the Conesevation of Cetaceans in Madeira archipelago" |

| <i>Species Monachus monachus</i> – Common Name(s) Mediterranean Monk Seal | |
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| 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: <ol style="list-style-type: none"> Freitas, L. 1994 - Present status, conservation and future perspectives of the Mediterranean Monk seal colony in Desertas Islands. Thesis to obtain the Master of Science in Marine and Fisheries. Zoology Department of the Aberdeen University, Scotland. Neves, H.C. & Pires, R. 1999 – <i>The monk seal in Madeira archipelago</i>. [in portuguese] Parque Natural da Madeira:76 pp. Cabral MJ (coord.), Almeida J, Almeida PR, Dellinger T, Ferrand de Almeida N, Palmeirim JM, Queiroz AI, Rogado L & Santos-Reis M (eds.) (<i>in prep.</i>). <i>Livro Vermelho dos Vertebrados de Portugal</i>. Instituto da Conservação da Natureza. Lisboa. |
| 3 | Summarise information on population size, trends and distribution (if known): In Portugal, Madeira archipelago is the only place where monk seals can be found. There is a resident colony in the Deserta Islands and Madeira Island is an area of occurrence of the species. The population of the Deserta Islands is estimated at 24 individuals and is increasing. The number of births per year, presently 3, is also increasing. Revision of the Portuguese Vertebrates Red Data Book (<i>in prep.</i>) classifies the species as CR. |
| 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 checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Monitoring In the Desertas Islands the monk seal study and monitoring programme, which was initiated in 1989, is maintained. It is based on direct observation of the seals without disturbing them. There are 24 lookout-sites located around the Desertas, from where the observations are documented. <input checked="" type="checkbox"/> Species protection <input type="checkbox"/> Species restoration <input checked="" type="checkbox"/> Habitat protection The surveillance of the Natural Reserve has been under the responsibility of the nature wardens who regularly patrol the islands by boat. <input type="checkbox"/> Habitat restoration <input type="checkbox"/> Other Contact: Dr. Rosa Pires, Parque Natural da Madeira, Quinta do Bom Suceso, Caminho do Meio, 9000 Funchal, Madeira |

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| 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: A system to monitor the seals inside the caves is in preparation. |

| <i>Species Balaenoptera borealis</i> – Common Name(s) Coalfish Whale; Pollack Whale; Rudophi's Rorqual | |
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| 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> <ol style="list-style-type: none"> 1. Freitas, L., Dinis, A., Alves, F., Nóbrega, F., 2004. Cetáceos no Arquipélago da Madeira. Museu da Baleia Edition. 2. Gonçalves, J.M.; Galhardo, L. & Brum, J. 1992 - arine mammals stranded in the Azores during 1990-91. Arquipelago - Life and Earth Sciences , no. 10: 113-8. 3. Silva, M.A.; Prieto, R.; Magalhães, S.; Cabecinhas, R.; Cruz, A.; Gonçalves, J.M. & Santos, R.S. 2003 - Occurrence and distribution of cetaceans in the waters around the Azores (Portugal), Summer and Autumn 1999-2000. <i>Aquatic Mammals</i>, 29 (1):88-98. 4. Sequeira, M.; Inácio, A.; Reiner, F. 1992 – Arrojamentos de mamíferos marinhos na costa continental portuguesa entre 1978 e 1988. Estudos de Biologia e Conservação da Natureza, 7. SNPRCN, Lisboa: 48 pp. 5. Cabral MJ (coord.), Almeida J, Almeida PR, Dellinger T, Ferrand de Almeida N, Palmeirim JM, Queiroz AI, Rogado L & Santos-Reis M (eds.) (<i>in prep.</i>). <i>Livro Vermelho dos Vertebrados de Portugal</i>. Instituto da Conservação da Natureza. Lisboa. |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>Population size and trends unknown.</p> <p>Every year few individuals are sighted in the Azores waters during the Spring.</p> <p>This species was first identified in Madeira waters in 2002 during the shipboard and aerial surveys carried out by the Whale Museum. The species has also been recorded in 2003 and 2004.</p> <p>Revision of the Portuguese Vertebrates Red Data Book (<i>in prep.</i>) classifies the species as EN (evaluation was done only for the Azores EEZ).</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><input checked="" type="checkbox"/> Monitoring</p> <p><input checked="" type="checkbox"/> Species protection</p> <p><input type="checkbox"/> Species restoration</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input checked="" type="checkbox"/> Other Further protection is given by whale watching regulations applied in the Azores.</p> <p><u>Azores:</u></p> <p>Photo-identification and genetic samples have been collected non-sistematically in the Azores, through research work done by the Dep. Oceanography and Fisheries of the Univ. Azores and IMAR – Institute of Marine Research.</p> <p>Three specimens were tagged with satellite transmitters in April, 2005, through the Mar-Eco Project (Patterns and Process of the Ecosystems of the Northern Mid-Atlantic).</p> <p><u>Madeira:</u></p> <p>Project aimed at the Conservation of Cetaceans in Madeira archipelago, conducted by the Whale Museum.</p> <p><u>Contacts:</u></p> <p><u>At the Azores:</u> Dept. Oceanography and Fisheries, Univ. Azores, Cais Sta. Cruz, 9901-862 Horta, Azores</p> <p><u>At Madeira:</u> Dr. Luis Freitas, Museu da Baleia, Largo Manuel Alves, 9200-032 Caniçal, Madeira lfreitasmb@mail.telepac.pt</p> |

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| 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: This species, together with other baleen whales will be studied in a joint project which is now being prepared to be submitted to funding. This project is being developed together with research teams from the Azores (Imar – Açores) and the Canary Islands and aims at studying the movements, distribution and population structure of baleen whales, through genetic and satellite telemetry analysis. |

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| <i>Species Balaenoptera physalus</i> – Common Name(s) Common Rorqual; Fin Whale; Finback; Fin-backed Whale | |
| 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: <ol style="list-style-type: none"> Freitas, L., Dinis, A., Alves, F., Nóbrega, F., 2004. Cetáceos no Arquipélago da Madeira. Museu da Baleia Edition.. Reiner, F.; Gonçalves, J. & Santos, R. 1993 – Two new records of Ziphiidae (Cetacea) for the Azores with an updated checklist of cetacean species. <i>Arquipelago – Life and Earth Sciences</i>, 11A: 113-118. Gonçalves, J.; Barreiros, J.P.; Azevedo, J. & Norberto, R. 1996 – Cetaceans stranded in the Azores during 1992-1996. <i>Arquipelago – Life and Earth Sciences</i>, 14A: 57-65. Sequeira, M.; Inácio, A.; Reiner, F. 1992 – Arrojamentos de mamíferos marinhos na costa continental portuguesa entre 1978 e 1988. <i>Estudos de Biologia e Conservação da Natureza</i>, 7. SNPRCN, Lisboa: 48 pp. Sequeira, M.; Inácio, A.; Silva, M. & Reiner, F. 1996 - Arrojamentos de mamíferos marinhos na costa continental portuguesa entre 1989 e 1994. <i>Estudos de Biologia e Conservação da Natureza</i>, 19. ICN, Lisboa: 52 pp. Cabral MJ (coord.), Almeida J, Almeida PR, Dellinger T, Ferrand de Almeida N, Palmeirim JM, Queiroz AI, Rogado L & Santos-Reis M (eds.) (<i>in prep.</i>). <i>Livro Vermelho dos Vertebrados de Portugal</i>. Instituto da Conservação da Natureza. Lisboa. |
| 3 | Summarise information on population size, trends and distribution (if known): This species is seen all year round in Madeira waters, close inshore and offshore. The bulk of observations has been done between the 500m and 2500m contour depth at distances from shore between 0,1 and 10 nautical miles. There are data on sighting rates (obtained from aerial and sea surveys), but no population size or trend estimates are presently available for Madeira. Every year few individuals are sighted in the Azores waters during the Spring. Revision of the Portuguese Vertebrates Red Data Book (<i>in prep</i>) classifies the species as EN. |
| 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 <input checked="" type="checkbox"/> Species protection <input type="checkbox"/> Species restoration <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input checked="" type="checkbox"/> Other Further protection is given by whale watching regulations applied in the Azores. Contacts: <u>At the Azores:</u> Dept. Oceanography and Fisheries, Univ. Azores, Cais Sta. Cruz, 9901-862 Horta, Azores <u>At Madeira:</u> Dr. Luis Freitas, Museu da Baleia, Largo Manuel Alves, 9200-032 Caniçal, Madeira lfreitasmb@mail.telepac.pt <u>In Portugal:</u> Marina Sequeira Instituto da Conservação da Natureza Rua de Santa Marta 55, 1150-294 Lisboa, Portugal sequeiram@icn.pt |

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| 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: This species, together with other baleen whales will be studied in a joint project which is now being prepared to be submitted to funding. This project is being developed together with research teams from the Azores (Imar – Açores) and the Canary Islands and aims at studying the movements, distribution and population structure of baleen whales, through genetic and satellite telemetry analysis. |

| <i>Species Physeter macrocephalus – Common Name(s) Sperm Whale</i> | |
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| 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> <ol style="list-style-type: none"> 1. Silva, M.A.; Prieto, R.; Magalhães, S.; Cabecinhas, R.; Cruz, A.; Gonçalves, J.M. & Santos, R.S. 2003. Occurrence and distribution of cetaceans in the waters around the Azores (Portugal), Summer and Autumn 1999-2000. <i>Aquatic Mammals</i>, 29 (1):88-98 2. Magalhães, S.; Silva, M. A.; Prieto, R.; Quérouil, S.; Pinela, A. & Santos R. S. <i>In press</i>. Spatial and temporal patterns of sperm whale groups in the Azores archipelago. <i>In: European Research on Cetaceans - 19</i>. Proc. 19th Ann. Conf. ECS, La-Rochelle, France, 02-07 April 2005. European Cetacean Society, France. 3. Pinela, A.; Quérouil, S.; Magalhães, S.; Silva, M. A.; Prieto, R.; Matos, J. A.; & Santos R. S. <i>In press</i>. Population genetics and social organization of the sperm whale (<i>Physeter macrocephalus</i>) in the Azorean archipelago. <i>In: European Research on Cetaceans - 19</i>. Proc. 19th Ann. Conf. ECS, La-Rochelle, France, 02-07 April 2005. European Cetacean Society, France. 4. Seabra, M. I.; Silva, M. A.; Magalhães, S.; Prieto, R.; August, P.; Vigness-Raposa, K.; Lafon, V.; & Santos R. S. <i>In press</i>. Distribution and habitat preferences of bottlenose dolphins (<i>Tursiops truncatus</i>) and sperm whales (<i>Physeter macrocephalus</i>) with respect to physiographic and oceanographic factors in the waters around the Azores. <i>In: European Research on Cetaceans - 19</i>. Proc. 19th Ann. Conf. ECS, La-Rochelle, France, 02-07 April 2005. European Cetacean Society, France. 5. Freitas, L., Dinis, A., Alves, F., Nóbrega, F., 2004. Cetáceos no Arquipélago da Madeira. Museu da Baleia Edition. 7. Sequeira, M.; Inácio, A.; Reiner, F. 1992 – Arrojamentos de mamíferos marinhos na costa continental portuguesa entre 1978 e 1988. <i>Estudos de Biologia e Conservação da Natureza</i>, 7. SNPRCN, Lisboa: 48 pp. 8. Sequeira, M.; Inácio, A.; Silva, M. & Reiner, F. 1996 - Arrojamentos de mamíferos marinhos na costa continental portuguesa entre 1989 e 1994. <i>Estudos de Biologia e Conservação da Natureza</i>, 19. ICN, Lisboa: 52 pp 9. Cabral MJ (coord.), Almeida J, Almeida PR, Dellinger T, Ferrand de Almeida N, Palmeirim JM, Queiroz AI, Rogado L & Santos-Reis M (eds.) (<i>in prep.</i>). <i>Livro Vermelho dos Vertebrados de Portugal</i>. Instituto da Conservação da Natureza. Lisboa. |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>Unknown. Is common throughout the year in the Azores. Most sightings comprise female and calves groups.</p> <p>This species is seen all year round in Madeira waters but the animals do not stay close to the islands for long periods of time. This means that groups of animals (larger groups of females with juvenils and calfs (up to 40 animals), small groups of males (2-4 animals) or lonely bulls) come and go all around the year. They use Madeira waters for feeding, socializing and breeding. These animals are generally observed at depths between 1000 and 1500m and at distances between 4 and 6 nautical miles from shore. There are data on sighting rates (obtained from aerial and sea surveys), but no population size or trend estimates are presently available.</p> <p>Few strandings are registered for mainland Portugal.</p> <p>Revision of the Portuguese Vertebrates Red Data Book (<i>in prep.</i>) classifies the species as EN (evaluation was done only for the Azores and Madeira EEZs).</p> |

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| 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 <input checked="" type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Species protection <input type="checkbox"/> Species restoration <input type="checkbox"/> Habitat protection <input type="checkbox"/> Habitat restoration <input type="checkbox"/> Other Further protection is given by whale watching regulations applied in the Azores.</p> <p><u>Azores:</u></p> <p>Research on the distribution, habitat use and ecology of the species has been carried in several projects by Dep. Oceanography and Fisheries of the Un. Azores and IMAR – Institute of Marine Research, including:</p> <p>MARÉ (1998-2003) Management of Marine Protected Areas in the Azores – LIFE Nature Program</p> <p>CETAMARH (ongoing) Ecology and population structure of bottlenose dolphins and sperm whales in the Azores: assessing the relationship with habitat features – FCT (National Science Fundation, Portugal)</p> <p>MACETUS (ongoing) Population structure, distribution, movements and habitat use of <i>Physeter macrocephalus</i>, <i>Globicephala macrorhynchus</i>, <i>Tursiops truncatus</i> and <i>Stenella frontalis</i> in the Macaronesian Region (Azores, Madeira and Cannaries) – FEDER - INTERREG IIIB.</p> <p><u>Madeira:</u></p> <p>MACETUS (ongoing) Population structure, distribution, movements and habitat use of <i>Physeter macrocephalus</i>, <i>Globicephala macrorhynchus</i>, <i>Tursiops truncatus</i> and <i>Stenella frontalis</i> in the Macaronesian Region (Azores, Madeira and Cannaries) – FEDER - INTERREG IIIB.</p> <p>Project aimed at the Conservation of Cetaceans in Madeira archipelago, conducted by the Whale Museum.</p> <p>Contacts:</p> <p><u>At the Azores:</u> Dept. Oceanography and Fisheries, Univ. Azores, Cais Sta. Cruz, 9901-862 Horta, Azores</p> <p><u>At Madeira:</u> Dr. Luis Freitas, Museu da Baleia, Largo Manuel Alves, 9200-032 Caniçal, Madeira lfreitasmb@mail.telepac.pt</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>In the Azores: Further research on the ecology, distribution and interaction with human activities.</p> |

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.

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

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| | <input type="checkbox"/> Species protection <input type="checkbox"/> Species restoration <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: |

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| Miscellaneous information or comments on Appendix I marine mammals in general: |
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3 MARINE TURTLES

3.1 General questions on Appendix I marine turtles

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| 1 | Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed marine turtles: Ministry of Environment, Instituto da Conservação da Natureza Department of Oceanography, University of Azores Department of Biology Marine Biology and Oceanography, University of Madeira |
| 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 (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)): |
| 3 | Identify any obstacles to migration that exist in relation to Appendix I marine turtles: No major obstacles exist, but sea turtles suffer general problems like by-catches, pollution impact and marine traffic interactions |
| 3a | What actions are being undertaken to overcome these obstacles? Research programs currently conducted at Azores and Madeira address fishing interactions. |
| 3b | What assistance, if any, does your country require in order to overcome these obstacles? Funding for countrywide actions, starting with a central database, a tagging program, and the organisation of a marine rescue and stranding network that covers the whole country, including Azores and Madeira archipelagos. |
| 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))? Fishing interaction research programs at Madeira and the Azores universities, local husbandry and care facilities in southern Portugal (<i>Zoomarine</i>) and Madeira. |
| 4a | Describe any factors that may limit action being taken in this regard: The reduction of accidental by-catches in fishing gear probably reduces economic revenue of fishermen. However research projects are not completed. |
| 4b | What assistance, if any, does your country require to overcome these factors? Funding for onboard observations on a larger scale. International agreements between states that share pelagic sea turtles, mainly Portugal, Spain, Morocco, Mauritania, Cape Verde and US could be considered.. |

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.)

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| <i>Species Chelonia mydas</i> – Common Name(s) Green 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: 1. Hirth, H.F., 1971 – Synopsis of biological data on the green turtle <i>Chelonia mydas</i> (Linnaeus, 1758). FAO Fisheries |

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| | <p>Synopsis, 85.</p> <ol style="list-style-type: none"> 2. Bowen, B.W. 1996 - Comparative biogeography of the green turtle (<i>Chelonia mydas</i>) and the loggerhead turtle (<i>Caretta caretta</i>) as inferred from mtDNA sequence comparisons. in <i>Proceedings of the international symposium on sea turtle conservation genetics</i>. Miami, Florida: NOAA Technical Memorandum. 3. Brongersma, L.D., 1972 - European Atlantic turtles. <i>Zoologische Verhandelingen</i>, 121: p. 1-318. 4. Machado, A., 1989 - Marine turtles in the Mid-Atlantic Islands. <i>contract no. B3-B6610/88/59</i>. Commission of the European Communities DGXI. p. 11. 5. Groombridge, B., 1990 - <i>Marine turtles in the Mediterranean: distribution, population status, conservation. A report to the Council of Europe Environment and Management Division. Nature and Environment Series</i>, 48: p. 1-99. 6. Groombridge, B. and R. Luxmoore, 1990 - The green turtle and hawksbill (Reptilia: Cheloniidae): world status, exploitation and trade. <i>Copeia</i>, (3): p. 898-900. 7. Márquez, M. R., 1990 - Sea turtles of the World: an annotated and illustrated catalogue of sea turtle species known to date. FAO species catalogue Vol. 11. FAO Fish. Synop., 125(11): p. 1-81 8. Márquez M., R., 1990 - Sea turtles of the World: an annotated and illustrated catalogue of sea turtle species known to date. FAO species catalogue Vol. 11. FAO Fish. Synop., 125(11): p. 1-81. 9. National Marine Fisheries Service and U.S. Fish Wildlife Service, 1991 - Recovery plan for U.S. population of Atlantic green turtle, <i>Chelonia mydas</i>., Washington, D.C: National Marine Fisheries Service. 52. 10. Plotkin, P.T., ed. 1995 - <i>National Marine Fisheries Service and U. S. Fish and Wildlife Service Status Reviews for Sea Turtles Listed under the Endangered Species Act of 1973.</i>, National Marine Fisheries Service: Silver Spring, Maryland, USA. 139 11. Encalada, S., et al., 1996 - Phylogeography and population structure of the Atlantic and Mediterranean green turtle (<i>Chelonia mydas</i>): a mitochondrial DNA control region sequence assessment. <i>Molecular Ecology</i>, 1995 (5): 108-1. 12. Bass, A.L. and W.N. Witzell, 2000 - Demographic composition of immature green turtles (<i>Chelonia mydas</i>) from the east central Florida coast: Evidence from mtDNA markers. <i>Herpetologica</i>, 56(3): p. 357-367. 13. Fretey, J., 2001 - Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa. <i>Convention on Migratory Species</i>, ed. C.T.S.P. n°6.: CMS/FRETEY: 1-428. 14. IUCN Marine Turtles Specialist Group, Review Draft 2002 - IUCN Red List status assessment: Green turtle (<i>Chelonia mydas</i>), IUCN: Gland, Switzerland and Cambridge, UK. <p>Bjorndal, K.A.: Boltzen, A.B. & Chaloupka, M.Y. 2003 - Survival probability estimates for immature green turtles <i>Chelonia mydas</i> in the Bahamas. <i>Marine Ecology Progress Series</i>, 252: p. 273-281</p> |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p><i>Chelonia mydas</i> is a rare nonbreeding visitor to Portuguese waters. Most individuals observed at Madeira and the Azores are juveniles.</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 type="checkbox"/> Research</p> <p><input type="checkbox"/> Monitoring</p> <p><input type="checkbox"/> Species protection</p> <p><input type="checkbox"/> Species restoration</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input checked="" type="checkbox"/> Other Monitoring activities for <i>Caretta caretta</i> will detect this species</p> <p>Contacts:</p> <p><u>At Madeira:</u> Dr. Thomas Dellinger, Estação de Biologia Marinha do Funchal, Cais de Carvão - Promenade da Orla Marítima, 9000-107 Funchal, Madeira (thd@uma.pt)</p> <p><u>At the Azores:</u> Dr. Helen Martins, Dept. of Oceanography and Fisheries, Univ. Azores, Cais Sta. Cruz, 9901-862 Horta, Azores</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>The species is rare</p> |
| 6 | <p>Describe any future activities that are planned for this species:</p> <p>None specifically targeted for this species, but activities for <i>Caretta caretta</i> will benefit it indirectly</p> |

Species *Caretta caretta* – Common Name(s) Loggerhead Turtle

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|---|--|
| 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> <ol style="list-style-type: none"> 1. Caldwell, D.K. and A. Carr, 1959 - The Atlantic loggerhead sea turtle, <i>Caretta caretta caretta</i> (L.), in America. <i>Bulletin of the Florida State Museum, Biological Sciences</i>, 4 (10): p. 293-294. 2. Ehrhart, L.M. 1989 - Status report of the loggerhead turtle. <i>In Proceedings of the Second Western Atlantic Turtle Symposium</i>. NOAA Technical Memorandum. 3. Machado, A.. 1989 - Marine turtles in the Mid-Atlantic Islands. <i>Contract no. B3-B6610/88/59.</i>, Commission of the European Communities DGXI. p. 11. 4. Collard, S.B. &. Hansknecht, T.J. 1990 - <i>Caretta caretta</i> loggerhead sea turtle. <i>Herpetological Review</i> 21 (3): 60.. 5. Groombridge, B., 1990 - Marine turtles in the Mediterranean: distribution, population status, and conservation. A report to the Council of Europe Environment and Management Division. <i>Nature and Environment Series</i>, 48: p. 1-99. 6. Márquez, M. R. 1990 - Sea turtles of the World: an annotated and illustrated catalogue of sea turtle species known to date. FAO species catalogue Vol. 11. FAO Fish. Synop., 125(11): p. 1-81 7. National Marine Fisheries Service and U.S. Fish Wildlife Service, 1991- Recovery plan for U.S. population of loggerhead turtle, <i>Caretta caretta</i>. Washington, D.C.: National Marine Fisheries Service. 64. 8. Argano, R., et al., 1992 - Nuovi dati sugli spostamenti di tartaruga marina comune (<i>Caretta caretta</i>) in Mediterraneo. <i>Boll. Mus. Ist. biol. Univ. Genova.</i>, 56 (57): p. 137-164. 9. Bolten, Alan B., Helen R. Martins , Karen A. Bjorndal & Jonathan Gordon 1993. Size distribution of pelagic-stage loggerhead sea turtles (<i>Caretta caretta</i>) in the waters around Azores and Madeira. - <i>Arquipélago</i>. Life and Marine Sciences 11A:49-54. 10. Camiñas, J.A.; de la Serna, J.M 1995 - The loggerhead distribution in the western Mediterranean Sea as deduced from captures by the Spanish long line fishery. <i>Scientia Herpetologica</i>, 1995: 316-323. 11. Plotkin, P.T., ed. 1995 - National Marine Fisheries Service and U. S. Fish and Wildlife Service Status Reviews for Sea Turtles Listed under the Endangered Species Act of 1973., National Marine Fisheries Service: Silver Spring, Maryland, USA. 139. 12. Bowen, B.W., 1996 - Comparative biogeography of the green turtle (<i>Chelonia mydas</i>) and the loggerhead turtle (<i>Caretta caretta</i>) as inferred from mtDNA sequence comparisons. In Proceedings of the international symposium on sea turtle conservation genetics. Miami, Florida: <i>NOAA Technical Memorandum</i> 13. Bolten, A.B., K.A. Bjorndal, H.R. Martins, T. Dellinger, M.J. Biscoito, S.E. Encalada, & B.W. Bowen 1998. Transatlantic developmental migrations of Loggerhead Sea Turtles demonstrated by mtDNA sequence analysis. <i>Ecological Applications</i> 8 (1):1-7. 14. Encalada, S.E., et al., 1998 - Population structure of loggerhead turtle (<i>Caretta caretta</i>) nesting colonies in the Atlantic and Mediterranean as inferred from mitochondrial DNA control region sequences. <i>Marine Biology</i>, 130 (4): p. 567-575. 15. Turtle Expert Working Group, 1998 - An assessment of the Kemp's ridley (<i>Lepidochelys kempii</i>) and loggerhead (<i>Caretta caretta</i>) sea turtle populations in the western North Atlantic. NOAA Technical Memorandum., NMFS-SEFSC-409: 1-96. 16. Bjorndal KA, AB Bolten & HR Martins 2000. Somatic Growth Model of Juvenile Loggerhead Sea Turtles: Duration of the Pelagic Stage. <i>Marine Ecology Progress Series</i> 202:265-272. 17. Dellinger, T., 2000 - Conservation support project for North Atlantic <i>Caretta caretta</i> sea turtles - Life Nature Project contract no. B4-3200/96/541 (Life96Nat/P/3019). Final Technical Activity Report. Commission of the European Communities DGXI. p. 56. 18. Turtle Expert Working Group, 2000 - Assessment update for the Kemp's ridley and loggerhead sea turtle populations in the western North Atlantic. NOAA Technical Memorandum., NMFS-SEFSC-444: 115 p. Ferreira, R.L., H.R. Martins, A.A da Silva & A.B. Bolten 2001. Impact of Swordfish fisheries on sea turtles in the Azores. <i>Arquipélago</i>. Life and Marine Sciences 18A: 75-79. 19. Fretey, J. 2001 - Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa. Convention on Migratory Species, ed. C.T.S.P. n°6.: CMS/FRETEY 2001. 1-428. 20. Campos, S.M. 2004 - Tartarugas marinhas na costa portuguesa. Análise dos padrões de distribuição e ocorrência das principais espécies. Estágio de Licenciatura, Univ. Évora: 78pp. 21. Margaritoulis, D., et al., 2005 - Loggerhead turtles in the Mediterranean sea: present knowledge and conservation perspectives, A.B. Bolten and B.E. Witherington, Editors. 2003, Smithsonian Books: Washington DC. p. 175-198. 22. Casale, P., et al., Oceanic habitats for loggerhead turtles in the Mediterranean Sea. <i>Marine Turtle Newsletter</i> 107: 10-11. |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>Loggerhead turtles are non breeding visitors to portuguese waters. However Portuguese waters are obligate developmental habitat for a probably large proportion of North Atlantic loggerhead sea turtles .Individuals observed in Portuguese waters are mainly juveniles. The EEZs of the Azores and Madeira harbour mainly US-born animals (Atlantic population). Population size seems to be increasing slightly. The origin and status of the Algarve (southern Portugal) population is unknown: animals can originate from the Atlantic (US), from Cape Verde or from the Mediterranean populations and are probably a mixture, with predominant Atlantic (US) origin.</p> |
| 4 | Indicate (with an 'X') and briefly describe any activities that have been carried out in favour of this species in the |

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| | <p>reporting period. (Please provide the title of the project and contact details, where available.)</p> <p><input checked="" type="checkbox"/> Research</p> <p><u>At Madeira:</u></p> <p>2001-2005 “Diving behaviour in juvenile pelagic stage loggerhead sea turtles and its relation to the black-scabbard longline fishery in Madeiran waters” Portuguese Science Foundation n° PDCTM/PP/MAR/15248/99</p> <p>1999-2003 “Trophic ecology and population structure of juvenile pelagic stage loggerhead sea turtles (<i>Caretta caretta</i>) in the North Atlantic Ocean” Portuguese Science Foundation funding n° Praxis/P/BIA/11310/1998</p> <p>1997-2001 “Conservation support project for North Atlantic <i>Caretta caretta</i>* sea turtles”, funded by the EU-DG XI Life-Nature-program, contract n° B4-3200/96/541</p> <p>Contact: Dr. Thomas Dellinger, Estação de Biologia Marinha do Funchal, Cais de Carvão - Promenade da Orla Marítima, 9000-107 Funchal, Madeira (thd@uma.pt)</p> <p><u>At the Azores:</u></p> <p>Research on the by-catch and movements of <i>C. caretta</i> in the Azores is currently been conducted in cooperation with the Archie Carr Center of the Univ. of Florida and the Dep. Oceanography of the Univ. of the Azores.</p> <p>Contact: Dr. Helen Martins, Dept. Oceanography and Fisheries, Univ. Azores, Cais Sta. Cruz, 9901-862 Horta, Azores</p> <p><input checked="" type="checkbox"/> Monitoring</p> <p><input checked="" type="checkbox"/> Species protection</p> <p><input type="checkbox"/> Species restoration</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input checked="" type="checkbox"/> Other Rehabilitation of stranded and bycaught animals.</p> <p><u>Mainland Portugal</u></p> <p>Contacts:</p> <p>Marina Sequeira, Instituto da Conservação da Natureza, Rua de Santa Marta 55, 1150-294 Lisboa, Portugal (sequeiram@icn.pt)</p> <p>Zoomarine, EN 125, Km 65, Guia, 8200 Albufeira, Portugal (rehabilitation center)</p> |
| 5 | If no activities have been carried out for this species in the reporting period, what has prevented such action being taken? |
| 6 | <p>Describe any future activities that are planned for this species:</p> <p>Funding and coordination is sought for a central database, stranding and rescue network and tagging program. Satellite telemetry project-applications are planned, as is genetic sampling to separate the 3 populations (Atlantic, Mediterranean, Cape Verde)</p> |

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| <i>Species Eretmochelys imbricata</i> – Common Name(s) Hawksbill Turtle | |
| 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> <ol style="list-style-type: none"> 1. Brongersma, L.D., 1972 - European Atlantic turtles. <i>Zoologische Verhandelingen</i>,. 121: p. 1-318. 2. Witzell, W.N., 1983 - Synopsis of Biological Data on the Hawksbill Turtle, <i>Eretmochelys imbricata</i> (Linnaeus, 1766). <i>FAO Fisheries Synopsis</i>,. 137: p. 78. 3. Meylan, A. 1984 - Hawksbill turtle. Biological synopsis of the hawksbill turtle (<i>Eretmochelys imbricata</i>), in Proceedings of the Western Atlantic Turtle Symposium, P. Bacon, et al., Editors: 112-117. 4. Meylan, A., 1989 - Hawksbill turtle (<i>Eretmochelys imbricata</i>). Status report of the hawksbill turtle, in Proceedings of the Second Western Atlantic Turtle Symposium. NOAA Technical Memorandum NMFS SEFC 226, L. Ogren, et al., Editors.. p. 101-115. 5. Groombridge, B., 1990 - Marine turtles in the Mediterranean: distribution, population status, and conservation. A report to the Council of Europe Environment and Management Division. Nature and Environment Series,. 48: 1-99. 6. Groombridge, B. and R. Luxmoore, 1990 - The green turtle and hawksbill (Reptilia: Cheloniidae): world status, exploitation and trade. <i>Copeia</i>, 1990 (3): 898-900. |

| | |
|---|---|
| | <p>7. Márquez M., R., 1990 - Sea turtles of the World: an annotated and illustrated catalogue of sea turtle species known to date. FAO species catalogue Vol. 11. <i>FAO Fish. Synop.</i>, 125(11): p. 1-81.</p> <p>8. National Marine Fisheries Service and U.S. Fish Wildlife Service, 1993 - Recovery plan for hawksbill turtles <i>Eretmochelys imbricata</i> in the U.S. Caribbean Sea, Atlantic Ocean, and Gulf of Mexico., St. Petersburg, Florida: National Marine Fisheries Service. 52.</p> <p>9. Mateo, J.A.; Andreu, A.C.; López-Jurado, L.F., 1997 - Las tortugas marinas de la Península Ibérica, Baleares, Azores, Madeira y Canarias: Introducción, in Distribución y Biogeografía de los Anfibios y Reptiles en España y Portugal., J.M. Pleguezuelos and J.P. Martínez-Rica, Editors., <i>Monografías de Herpetología</i>, Volumen 3, Colección Monográfica Tierras del Sur, Universidad de Granada, Asociación Herpetológica Española: Granada. p. 433-450.</p> |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>The hawksbill is a rare visitor to the Madeira and the Azores EEZs. The nearest population is located in the Caribbean. Most individuals observed at Madeira and the Azores are juveniles</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 type="checkbox"/> Research</p> <p><input type="checkbox"/> Monitoring</p> <p><input type="checkbox"/> Species protection</p> <p><input type="checkbox"/> Species restoration</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input checked="" type="checkbox"/> Other Monitoring activities for <i>Caretta caretta</i> will detect this species</p> <p>Contacts:</p> <p><u>At Madeira and the Azores:</u> same as for other the other sea turtle species</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>The species is rare</p> |
| 6 | <p>Describe any future activities that are planned for this species:</p> <p>None specifically targeted for this species, but activities for <i>Caretta caretta</i> will benefit it indirectly</p> |

| | |
|---|--|
| Species <i>Lepidochelys kempii</i> – Common Name(s) Kemp's Ridley Turtle, Atlantic Ridley Turtle | |
| 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> <ol style="list-style-type: none"> 1. Brongersma, L.D., 1972 - European Atlantic turtles. <i>Zoologische Verhandelingen</i>, 121: 1-318. 2. Brongersma, L.D.; Carr, A. 1983 – <i>Lepidochelys kempii</i> (Garman) from Malta. Koninkl. Nederl. Akademie van Wetenschappen Amsterdam, Proceedings., C 86: 445-454. 3. Delaugerre, M., 1987 - Statut des tortues marines de la Corse (et de la Méditerranée). <i>Vie Milieu</i>, 37 (3-4): 243-264. 4. Bolten, A.B.; Martins, H.R, 1990 - Kemp's Ridley captured in the Azores. <i>Marine Turtle Newsletter</i>: 23. 5. Bowen, B.W., <i>et al.</i> - 1998 - Global phylogeography of the ridley sea turtles (<i>Lepidochelys</i> spp.) as inferred from mitochondrial DNA sequences. <i>Genetica</i>, 101: 179-189. 6. Groombridge, B., 1990 - Marine turtles in the Mediterranean: distribution, population status, and conservation. A report to the Council of Europe Environment and Management Division. <i>Nature and Environment Series</i>, 48: 1-99. 7. Márquez M., R., 1990 - Sea turtles of the World: an annotated and illustrated catalogue of sea turtle species known to date. FAO species catalogue Vol. 11. <i>FAO Fish. Synop.</i>, 125(11): 1-81. 8. Turtle Expert Working Group, 1998 - An assessment of the Kemp's ridley (<i>Lepidochelys kempii</i>) and loggerhead (<i>Caretta caretta</i>) sea turtle populations in the western North Atlantic. NOAA Technical Memorandum, NMFS-SEFSC-409: 1-96. 9. Fretey, J., Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa. Convention on Migratory Species, ed. C.T.S.P. n°6. 2001: CMS/FRETEY 2001. 1-428. 10. TurtleExpert Working Group, 2000 - Assessment update for the Kemp's ridley and loggerhead sea turtle populations in the western North Atlantic. NOAA Technical Memorandum, NMFS-SEFSC-444: 115 p |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>Most individuals observed at Madeira and the Azores are juveniles and it may well be that this species uses Macaronesian waters regularly as a developmental habitat. However, the low population numbers drastically reduce the chances of sighting this species.</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 type="checkbox"/> Research</p> <p><input type="checkbox"/> Monitoring</p> <p><input type="checkbox"/> Species protection</p> <p><input type="checkbox"/> Species restoration</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input checked="" type="checkbox"/> Other Monitoring activities for <i>Caretta caretta</i> will detect this species</p> <p>Contacts:</p> <p><u>At Madeira and the Azores:</u> same as for other the other sea turtle species</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>The species is extremely rare</p> |
| 6 | <p>Describe any future activities that are planned for this species:</p> <p>None specifically targeted for this species, but activities for <i>Caretta caretta</i> will benefit it indirectly</p> |

| <i>Species Dermochelys coriacea</i> – Common Name(s) Leatherback Turtle, Leathery Turtle | |
|--|---|
| 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> <ol style="list-style-type: none"> 1. Schroeder, B.A.; Thompson, N.B., 1987 – Distribution of the loggerhead turtle, <i>Caretta caretta</i>, and the leatherback turtle, <i>Dermochelys coriacea</i>, in the Cape Canaveral, Florida area, USA: results of aerial surveys. In Ecology of East Florida Sea Turtles. <i>Proceedings of the Cape Canaveral, Florida, Sea Turtle Workshop</i>. Miami, Florida: NOAA Technical Report. 2. Brongersma, L.D., 1972 - European Atlantic turtles. <i>Zoologische Verhandelingen</i>, 121: 1-318. 3. Crespo, J.; Camiñas, J.A.; Rey, J.C. 1988 - Considérations sur la présence de Tortues Luth, <i>Dermochelys coriacea</i> (Linnaeus, 1758), dans la Méditerranée occidentale. <i>Rapp. Comm. int. Mer Médit.</i> 31 (2): 284 pp. 4. Groombridge, B., 1990 - Marine turtles in the Mediterranean: distribution, population status, and conservation. A report to the Council of Europe Environment and Management Division. <i>Nature and Environment Series</i>, 48: 99 pp. 5. Márquez, M.R. 1990 - Sea turtles of the World: an annotated and illustrated catalogue of sea turtle species known to date. FAO species catalogue Vol. 11. FAO Fish. Synop., 125 (11): p. 1-81. 6. National Marine Fisheries Service and U.S. Fish Wildlife Service, 1992 - Recovery plan for leatherback turtles <i>Dermochelys coriacea</i> in the U.S. Caribbean Sea, Atlantic Ocean and Gulf of Mexico, Washington, D.C: National Marine Fisheries Service. 65. 7. Ferraroli, S., <i>et al.</i>, 2004 - Endangered species: Where leatherback turtles meet fisheries. <i>Nature</i> 429 (6991): 521 - 522. 8. Spotila, J.R., <i>et al.</i>, 1996 - Worldwide population decline of <i>Dermochelys coriacea</i>: are leatherback turtles going extinct? <i>Chelonian Conservation and Biology</i>, 2 (2): 209-222. 9. Fretey, J. & M. Girondot, 1996 - Première observation en France Métropolitaine d'une Tortue Luth, <i>Dermochelys coriacea</i>, baguee en Guyane. <i>Annales de la Société des sciences naturelles de la Charente-Maritime</i>: 515-518. 10. Crespo, J., Camiñas, J.A. & Rey J.C, 1988 - Considérations sur la présence de Tortues Luth, <i>Dermochelys coriacea</i> (Linnaeus, 1758), dans la Méditerranée occidentale. <i>Rapp. Comm. int. Mer Médit.</i>, 31(2): p. 284. 11. Ferreira, R.N.L.; Martins, H.R.; Silva, A.A.; Bolten, A.B., 2001 - Impact of swordfish fisheries on sea turtles in the Azores. <i>Arquipélago - Life and Marine Sciences</i>, 18A: 75-79. 12. Fretey, J., 2001 - Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa. <i>Convention on Migratory Species</i>, ed. C.T.S.P. n°6. 2001: CMS/FRETEY. 428 pp. 13. Troëng, S., Chacón, D. and Dick, B. 2004 - Possible decline in leatherback turtle <i>Dermochelys coriacea</i> nesting along the coast of Caribbean Central America. <i>Oryx</i>, 38 (4): 395-403. 14. Campos, S.M. 2004 - Tartarugas marinhas na costa portuguesa. Análise dos padrões de distribuição e ocorrência das principais espécies. Estágio de Licenciatura, Univ. Évora: 78pp. 15. James, M.C., Ottensmeyer, A.C & Myers, A. R 2005 - Identification of high-use habitat and threats to leatherback sea turtles in northern waters: new directions for conservation. <i>Ecology Letters</i>, 8 (2): p. 195-201. |
| 3 | <p>Summarise information on population size, trends and distribution (if known):</p> <p>It is occasionally captured accidentally at the Azores where it is a regular visitor. Except for the Azores EEZ it is a rare, though regular visitor.</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 Onboard observation at the Azores fishing fleet</p> <p><input checked="" type="checkbox"/> Monitoring Onboard observation at the Azores fishing fleet</p> <p><input type="checkbox"/> Species protection</p> <p><input type="checkbox"/> Species restoration</p> <p><input type="checkbox"/> Habitat protection</p> <p><input type="checkbox"/> Habitat restoration</p> <p><input checked="" type="checkbox"/> Other Rehabilitation of stranded and bycaught animals (mainland Portugal).</p> <p>Monitoring activities for <i>Caretta caretta</i> will detect this species</p> <p>Contacts: <u>At Madeira and the Azores:</u> same as for other the other sea turtle species</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: |

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):</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"/> Species protection</p> <p><input type="checkbox"/> Species restoration</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? |

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

4 TERRESTRIAL MAMMALS (OTHER THAN BATS)

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

| | |
|----|---|
| 1 | Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed terrestrial mammals (other than bats): Portugal is not a range state for Appendix I terrestrial mammals species (other than bats) |
| 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 checked="" 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 checked="" type="checkbox"/> No If Yes, please provide details (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)): |
| 3 | Identify any obstacles to migration that exist in relation to Appendix I terrestrial mammals (other than bats): |
| 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):</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"/> Species protection <input type="checkbox"/> Species restoration |

| | |
|---|---|
| | <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: |

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

5 BATS

5.1 General questions on Appendix I bats

| | |
|----|---|
| 1 | Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed bats: Portugal is not a range state for Appendix I bat species |
| 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 checked="" 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 (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)): |
| 3 | Identify any obstacles to migration that exist in relation to Appendix I bats: |
| 3a | What actions are being undertaken to overcome these obstacles? |
| 3b | What assistance, if any, does your country require in order to overcome these obstacles? |
| 4 | What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species of bats, including strictly controlling the introduction of, or controlling or eliminating, already introduced exotic species (Article III(4)(c))? |
| 4a | Describe any factors that may limit action being taken in this regard: |
| 4b | What assistance, if any, does your country require to overcome these factors? |

5.2 Questions on specific Appendix I bat species

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

| | |
|--------------------------------------|---|
| <i>Species name, Common name(s):</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"/> Species protection <input type="checkbox"/> Species restoration |

| | |
|---|---|
| | <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? |

Miscellaneous information or comments on Appendix I bats in general:

6 OTHER TAXA

6.1 General questions on Appendix I species belonging to other taxa

| | |
|----|---|
| 1 | Identify the Ministry, agency/department, or organisation responsible for leading actions relating to Appendix I listed species belonging to taxa not included in sections 1-5 above: |
| 2 | Is the taking of all Appendix I species belonging to taxa not included in sections 1-5 above, prohibited by the national legislation listed as being implementing legislation in Table I(a) (General Information)? <input type="checkbox"/> Yes <input checked="" 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 (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7)): |
| 3 | Identify any obstacles to migration that exist in relation to Appendix I species belonging to taxa not included in sections 1-5 above: |
| 3a | What actions are being undertaken to overcome these obstacles? |
| 3b | What assistance, if any, does your country require in order to overcome these obstacles? |
| 4 | What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger species belonging to taxa not included in section 1-5 above, including strictly controlling the introduction of, or controlling or eliminating, already introduced exotic species (Article III(4)(c))? |
| 4a | Describe any factors that may limit action being taken in this regard: |
| 4b | What assistance, if any, does your country require to overcome these factors? |

6.2 Questions on specific Appendix I species belonging to other taxa

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

| | |
|--|--|
| <i>Species Carcharodon carcharias</i> – Common Name(s) Great White Shark | |
| 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: Brum, J.M. 1992 - Note on the presence of the great white shark <i>Carcharodon carcharias</i> (Linnaeus, 1758) in the waters of São Miguel, Azores. <i>Açoreana</i> 7 (3), 517-521 pp. |

| | |
|---|--|
| 3 | Summarise information on population size, trends and distribution (if known): The occurrence of <i>C. carcharias</i> in the Azores archipelago is thought to be rare based on a few catch records in S. Miguel Island. Distribution patterns and population parameters unknown. |
| 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"/> Species protection <input type="checkbox"/> Species restoration <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? The species is rare. |
| 6 | Describe any future activities that are planned for this species: |

If you have information indicating that your country should be considered a Range State for any other 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> | |
|--------------------------------------|--|
| 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"/> Species protection <input type="checkbox"/> Species restoration <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? |

Miscellaneous information or comments on Appendix I species that belong to taxa not included in sections 1-5 above:

7 LISTING OF OTHER ENDANGERED MIGRATORY SPECIES IN APPENDIX I

| | | |
|----|---|---|
| 1 | Is your country a Range State for any other endangered migratory species not currently listed in Appendix I? If Yes, please provide details: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 1a | Is your country taking any steps to propose listing any of these species? If Yes, please provide details: | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 1b | What assistance, if any, does your country require to initiate the listing of these species? | |

III. Appendix II Species

1. INFORMATION ON APPENDIX II SPECIES

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

| | |
|---|--|
| ACCOBAMS (2001) | |
| Date of last report: November 2004 | Period covered: 2001 – 2004 |
| EUROBATS (1994) | |
| Date of last report: March 2005 | Period covered: March 2004 – February 2005 |
| MARINE TURTLES – AFRICA MoU (1999) | |
| Date of last report: | Period covered: |
| AEWA (1999) | |
| Date of last report: | Period covered: |
| ALBATROSSES AND PETRELS (2001) | |
| Date of last report: | Period covered: |

2. QUESTIONS ON CMS AGREEMENTS

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

| | | |
|---|---|---|
| 1 | In the current reporting period, has your country 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? | |
| 4 | Is the development of any CMS Agreement for birds, including Memoranda of Understanding, planned by your country in the foreseeable future? If Yes, please provide details: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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

| | | |
|---|--|---|
| 1 | In the current reporting period, has your country initiated the development of any CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II marine mammal species? If Yes, what is the current state of development? | <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? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

| | |
|---|---|
| | If Yes, please provide details: |
| 3 | If your country has initiated or is participating in the development of an Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development? |
| 4 | Is the development of any CMS Agreement for marine mammals, including Memoranda of Understanding, planned by your country in the foreseeable future? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please provide details: |

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

| | |
|---|---|
| 1 | In the current reporting period, has your country initiated the development of any CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II marine turtles? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, what is the current state of development? |
| 2 | In the current reporting period, has your country participated in the development of any CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II marine turtles? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please provide details: |
| 3 | If your country has initiated or is participating in the development of an Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development? |
| 4 | Is the development of any CMS Agreement for marine turtles, including Memoranda of Understanding, planned by your country in the foreseeable future? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please provide details: |

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

| | |
|---|---|
| 1 | In the current reporting period, has your country initiated the development of any CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II terrestrial mammal species (other than bats)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, what is the current state of development? |
| 2 | In the current reporting period, has your country participated in the development of any CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II terrestrial mammal species (other than bats)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please provide details: |
| 3 | If your country has initiated or is participating in the development of an Agreement or Memorandum of Understanding, what assistance, if any, does your country require in order to initiate or participate in the instrument's development? |
| 4 | Is the development of any CMS Agreement for terrestrial mammals (other than bats), including Memoranda of Understanding, planned by your country in the foreseeable future? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please provide details: |

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

| | | |
|---|--|---|
| 1 | In the current reporting period, has your country initiated the development of any CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II bat species? If Yes, what is the current state of development? | <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? | |
| 4 | Is the development of any CMS Agreement for bats, including Memoranda of Understanding, planned by your country in the future? If Yes, please provide details: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

2.6 Questions on the development of new CMS Agreements relating to other taxa

| | | |
|---|---|---|
| 1 | In the current reporting period, has your country initiated the development of any CMS Agreements, including Memoranda of Understanding, to address the conservation needs of Appendix II species belonging to taxa not included in sections 1-6 above? If Yes, what is the current state of development? | <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? | |
| 4 | Is the development of any CMS Agreement for other taxa, including Memoranda of Understanding, planned by your country in the foreseeable future? If Yes, please provide details: | <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 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 | What priority does your country assign to the conservation and, where applicable, sustainable use of migratory species in comparison to other biodiversity-related issues? | <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|---|---|-----|----|--|-------------------------------------|--------------------------|--|---|-------------------------------------|--------------------------|--|----------------------|-------------------------------------|--------------------------|--|-------------------|-------------------------------------|--------------------------|--|-------------------|-------------------------------------|--------------------------|--|--|-------------------------------------|--------------------------|--|------------------------------------|-------------------------------------|--------------------------|--|------------------------|--------------------------|--------------------------|--|--------------------|-------------------------------------|--------------------------|--|------------------|--------------------------|--------------------------|--|-------|
| 2 | Are migratory species and their habitats addressed by your country's national biodiversity strategy or action plan? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | If Yes, please indicate and briefly describe the extent to which it addresses the following issues: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input checked="" type="checkbox"/> Conservation, sustainable use and/or restoration of migratory species (Ex: A captive breeding programme for <i>Aquila chrysaetus</i> is running at Peneda-Gerês National Park; see information provided for <i>F. naumanni</i>) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input checked="" type="checkbox"/> Conservation, sustainable use and/or restoration of the habitats of migratory species, including protected areas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input checked="" type="checkbox"/> Actions to prevent, reduce or control factors that are endangering or are likely to further endanger migratory species (e.g. alien invasive species or by-catch) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input checked="" type="checkbox"/> Minimising or eliminating barriers or obstacles to migration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input checked="" type="checkbox"/> Research and monitoring of migratory species | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input checked="" type="checkbox"/> Transboundary co-operation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | The National Strategy for the Conservation of Nature and Biodiversity addresses all these issues. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Does the conservation of migratory species currently feature in any other national or regional policies/plans (apart from CMS Agreements)? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | If Yes, please provide details: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Hunting legislation, some agro-forestry measures and plans, EIA developed in all major projects, power lines typology, water quality, territory management / land-use planning, fisheries policies (bycatch), the development of projects or activities in classified areas that may have a negative impact on species or habitats must have a special permit from the Ministry responsible for the Environment. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3a | Do these policies/plans cover the following areas (if Yes, please provide details): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">Yes</th> <th style="width: 10%;">No</th> <th style="width: 80%;"></th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td>Exploitation of natural resources (e.g. fisheries, hunting, etc.)</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td>Economic development</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td>Land-use planning</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td>Pollution control</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td>Designation and development of protected areas</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td>Development of ecological networks</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td>Planning of powerlines</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td>Planning of fences</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td>Planning of dams</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td>Other</td> </tr> </tbody> </table> | | | Yes | No | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Exploitation of natural resources (e.g. fisheries, hunting, etc.) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Economic development | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Land-use planning | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Pollution control | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Designation and development of protected areas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Development of ecological networks | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Planning of powerlines | <input type="checkbox"/> | <input type="checkbox"/> | | Planning of fences | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Planning of dams | <input type="checkbox"/> | <input type="checkbox"/> | | Other |
| | Yes | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Exploitation of natural resources (e.g. fisheries, hunting, etc.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Economic development | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Land-use planning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Pollution control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Designation and development of protected areas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Development of ecological networks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Planning of powerlines | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | | Planning of fences | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Planning of dams | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | | Other | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

V. Protected Areas

| | | |
|---|---|---|
| 1 | Are migratory species taken into account in the selection, establishment and management of protected areas in your country? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| | If Yes, please provide details: | |
| | See information on <i>Falco naumanni</i> | |

1a Do these protected areas cover the following areas? (If Yes, please provide details and include the amount of protected areas coverage and the number of protected areas):

Yes No

 Terrestrial

 Aquatic

 Marine

Mainland Portugal:

| | Nr. | Total area (ha) | Marine area (ha) | Terrestrial area (ha) |
|-----------------|-----|-----------------|------------------|-----------------------|
| Protected Areas | 44 | 726 833 | 46 394 | 680 789 |
| SPAs | 29 | 822 011 | 77 167 | 744 844 |
| SACs | 60 | 1 573 931 | 37 437 | 1 1535 46 |

Madeira:

| | Nr. | Total area (ha) | Marine area (ha) | Terrestrial area (ha) |
|-----------------|-----|-----------------|------------------|-----------------------|
| Protected Areas | 5 | 77 913 | 16 177 | 61 736 |
| SPAs | 4 | 37 502 | 17 431 | 20 071 |
| SACs | 11 | 46 822 | 20 670 | 26 152 |

Azores:

| | Nr. | Total area (ha) | Marine area (ha) | Terrestrial area (ha) |
|-----------------|-----|-----------------|------------------|-----------------------|
| Protected Areas | 32 | 53 812 | 38 586 | 15 226 |
| SPAs | 15 | 11 825 | 0 | 11 825 |
| SACs | 23 | 33 640 | 8 411 | 25 229 |

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

Mainland Portugal: Instituto da Conservação da Natureza (ICN)

Azores: Regional Directorate for the Environment

Madeira: Regional Secretariat for the Environment and Natural Resources

VI. Policies on Satellite Telemetry

1 In the current reporting period, has your country undertaken conservation/research projects that use satellite telemetry? Yes No

If Yes, please provide details (Indicate *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):

MAINLAND PORTUGAL:

Between 2000/2005 several birds of prey were tagged either with radio transmitters and satellite transmitters (PTT): in 2000/2001 four adults of *H. fasciatus* and 3 adults of *A. chrysaetus* were tagged using conventional radio transmitters at Douro SPA; in 2003/2004 a project aiming at studying the dispersion of juvenile birds tagged 3 *A. chrysaetus* using PPTs at Sabor River and Douro SPAs and another 2 juveniles of *H. fasciatus* were tagged with satellite transmitters in the Douro area; in May 2005 another 2 juveniles of *H. fasciatus* were tagged with satellite transmitters at the Tejo Internacional SPA.

AZORES:

One specimen of blue-whale (*Balaenoptera musculus*) and three of Sei-whale (*Balaenoptera borealis*) were tagged in the Azores with satellite transmitters in April, 2005, through the Mar-Eco Project (Patterns and Process of the Ecosystems of

| | |
|---|--|
| | <p>the Northern Mid-Atlantic). Both species pass through the Azores during the Spring but the length of their stay in the area and migration routes northbound are unknown. Satellite tagging will give some insight on these questions that are very crucial for the conservation of these migratory species. Tagging was done by experienced personell using adequate and tested equipment.</p> <p>Five specimens of Loggerhead sea turtle (<i>Caretta caretta</i>) were tagged in in the Azores during 2004 as part of a collaboration between the Denmark's Aquarium and the Dep. Oceanography and Fisheries of the Univ. Azores, and another 18 in 2000 as part of the collaboration project "Marine Turtles" between the Archie Carr Center of the University of Florida and the Dep. Oceanography and Fisheries of the Un. Azores. Tagging was done by experienced personell using adequate and tested equipment.</p> <p><u>MADEIRA:</u></p> <p>10 transmitters were deployed on 10 juvenile pelagic loggerhead sea turtles, within the frame of the "Conservation support project for North Atlantic <i>Caretta caretta</i>* sea turtles". Animal welfare was not impacted since the PTTs are glued to the carapace and detach by themselves after an estimated year. Handling of the animals was reduced to a minimum. The project determined that the area north of the Azores untill the Moroccan/Mauritanian coast is used as developmental habitat for <i>Caretta caretta</i>. Thus international efforts are needed to determine possible fishing interactions mainly off Morocco and Mauritania to ensure that conservation measures are active within the whole distribution range of this species developmental habitat.</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><u>AZORES:</u></p> <p>Further tagging of rorquals is needed to allow an insight on the migration patterns as well as to determine feeding and calving areas for those whales. New projects are planned to address those questions and they may include the use of satellite telemetry.</p> <p>Further tagging of Loggerhead sea turtle (<i>Caretta caretta</i>) is planned to take place in the Azores during 2005. This work aims to collect further data on the movements and habitat use of this species in the Azores and long range migratory movements outside these waters.</p> <p><u>MADEIRA:</u></p> <p>Funding is sought to determine pelagic habitat selection and behaviour in greater detail.</p> |

VII. Membership

| | |
|----|---|
| 1 | <p>Have actions been taken by your country to encourage non-Parties to join CMS and its related Agreements? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</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> |

VIII. 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, please provide details:</p> |
| 2 | <p>Identify the agency, department or organization responsible for leading on this action in your country:</p> |

IX. 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 (Indicate the migratory species that have benefited from these activities):</p> <p>The annual activity planning of the Institute for Nature Conservation includes a budget for activities related to the conservation of species like the black stork, wader and waterfowl species, raptors, crane and bats. Furthermore, every EU LIFE project submitted for funding has to include a national budget allocated to the project.</p> <p>ICN also makes financial contributions to rehabilitation centers run either by local NGOs or by the network of natural parks. Main species targeted by these actions include <i>F. naumanni</i>, <i>A. chrysaetus</i>, and several raptor species.</p> |
| 2 | <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 (Indicate the migratory species that have benefited from these activities):</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 (Indicate the migratory species that have benefited from these activities):</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> <p>If Yes, please provide details (Indicate the migratory species that have benefited from these activities):</p> |
| 6 | <p>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</p> <p>If Yes, please provide details (Indicate the migratory species that have benefited from these activities):</p> <p>Several LIFE EU funded projects have been approved and are still running at this time:</p> <p>i) MARE - Integrated management of coastal and marine areas in the Azores. Agency responsible: University of the Azores, Dept. of Oceanography and Fisheries Duration. September 1998 – December 2002 EU LIFE funding: 60%</p> <p>ii) Conservation of cetaceans in Madeira archipelago. Agency responsible: Machico City Hall (Madeira) Duration: January 2000 – December 2003 EU LIFE funding: 50%</p> <p>iii) PALUSTRIS – Management of the Paul de Arzila SPA. Agency responsible: ICN / Paul de Arzila Natural Reserve Duration: April 2001 – April 2005 EU LIFE funding: 50%</p> <p>iv) Conservation of the bird populations at Sado estuary saltworks. Agency responsible: ICN / Sado Estuary Natural Reserve Duration: January 2002 – January 2006 EU LIFE funding: 50%</p> <p>v) Important bird areas for seabirds in Portugal Agency responsible: SPEA</p> |

| | |
|--|--|
| | <p>Duration: 2004 - 2008</p> <p>EU funding: 75%</p> <p>vi) Re-establishment of the Lesser Kestrel (<i>Falco naumanni</i>) in Portugal</p> <p>Agency responsible: LPN</p> <p>Duration:</p> <p>EU LIFE funding: 50%</p> |
| | |

X. Implementation of COP Resolutions and Recommendations

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

Resolutions

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

As a result of Council Regulation (EC) nr. 812/2004 of 26 April 2004 laying down measures concerning incidental catches of cetaceans in fisheries and amending Regulation (EC) nr. 88/98, the General Directorate for Fisheries and Aquaculture, in collaboration with ICN, has submitted a project (pilot observer scheme) to evaluate the bycatches of small cetaceans in gillnet fisheries.

Also the Portuguese Fisheries Institute, in collaboration with ICN, has submitted a project to evaluate the impact of predation by small cetaceans (probably bottlenose dolphins) on the longline fishery for blackscabbard fish.

Resolution 6.3 – Southern Hemisphere Albatross Conservation:

Resolution 7.2 – Impact Assessment and Migratory Species:

Any new projects in protected areas, SPAs or SACs will have to be evaluated through an EIA.

Resolution 7.3 – Oil Pollution and Migratory Species:

Resolution 7.4 – Electrocution of Migratory Birds:

Agreements were signed between ICN, the Portuguese Electricity Company (EDP) and the Portuguese Electrical Network (REN) in order to evaluate and minimize the impacts of electrocution from medium and high-voltage electricity transmission lines on migratory birds.

Resolution 7.5 – Wind Turbines and Migratory Species:

Any new project involving the setting up of wind turbines will have to be evaluated through an EIA.

Resolution 7.9 – Cooperation with Other Bodies and Processes:

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

Recommendations

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

Recommendation 7.6 – Improving the Conservation Status of the Leatherback Turtle (*Dermochelys coriacea*):

Recommendation 7.7 – America Pacific Flyway Programme:

Other resolutions/recommendations:

Other remarks:

Annex: Questions on specific Appendix II species

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

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| CHIROPTERA | | | | | |
| <i>Rhinolophus ferrumequinum</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do património Natural". Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Rhinolophus hipposideros</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do património Natural". Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Rhinolophus euryale</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| <i>Rhinolophus mehelyi</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Myotis blythi</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do património Natural". Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <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"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| | | | | | <ul style="list-style-type: none"> • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do património Natural". Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Myotis emarginatus</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Myotis myotis</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do património Natural". Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Myotis mystacinus</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do património Natural". Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Myotis nattereri</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---|-------------------------------------|--------------------------|--------------------------|-------------------------------------|---|
| | | | | | Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8 . SNPRCN. <ul style="list-style-type: none"> • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Pipistrellus kuhli</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do património Natural". Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Pipistrellus nathusii</i> (only European populations) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <i>Pipistrellus pipistrellus</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do património Natural". Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Pipistrellus savii</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Nyctalus lasiopterus</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Nyctalus leisleri</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| | | | | | património Natural”. Instituto da Conservação da Natureza. Lisboa. <ul style="list-style-type: none"> • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Nyctalus noctula</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa “Conhecimento e Gestão do património Natural”. Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa “Conhecimento e Gestão do património Natural”. Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Plecotus auritus</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Plecotus austriacus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| (only European populations) | | | | | zoogeography and systematics. Misc. Publ. Univ Kansas, 82. <ul style="list-style-type: none"> • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Miniopterus schreibersii</i> (only European populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Palmeirim, J.; Rodrigues, L.. 1992. Plano Nacional de Conservação dos Morcegos Cavernícolas. <i>Estudos de Biologia e Conservação da Natureza</i> 8. SNPRCN. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do património Natural". Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| <i>Tadarida teniotis</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Palmeirim, J. 1990 - Bats of Portugal: zoogeography and systematics. Misc. Publ. Univ Kansas, 82. • Bicho, S.M.R. (1994) – Inventariação de Morcegos em Áreas Protegidas: Parque Natural do Alvão e Parque Natural de Montesinho. Relatório Final do estudo integrado no programa "Conhecimento e Gestão do património Natural". Instituto da Conservação da Natureza. Lisboa. • Rainho, A.; Rodrigues, L.; Bicho, S.; Franco C.; Palmeirim, J.M. - 1998. Morcegos das Áreas Protegidas Portuguesas (I). <i>Estudos de Biologia e Conservação da Natureza</i> 26. ICN. |
| CETACEA | | | | | |
| <i>Physeter macrocephalus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Silva, M.A.; Prieto, R.; Magalhães, S.; Cabecinhas, R.; Cruz, A.; Gonçalves, J.M. & Santos, R.S. 2003. Occurrence and distribution of cetaceans in the waters around the Azores (Portugal), Summer and Autumn 1999-2000. <i>Aquatic Mammals</i>, 29 (1):88-98 • Magalhães, S.; Silva, M. A.; Prieto, R.; Quérouil, S.; Pinela, A. & Santos R. S. <i>In press</i>. Spatial and temporal patterns of sperm whale groups in the Azores archipelago. <i>In: European Research on Cetaceans - 19</i>. Proc. 19th Ann. Conf. ECS, La-Rochelle, France, 02-07 April 2005. European Cetacean Society, France. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|--------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | <ul style="list-style-type: none"> • Pinela, A.; Quérouil, S.; Magalhães, S.; Silva, M. A.; Prieto, R.; Matos, J. A.; & Santos R. S. <i>In press</i>. Population genetics and social organization of the sperm whale (<i>Physeter macrocephalus</i>) in the Azorean archipelago. <i>In: European Research on Cetaceans - 19</i>. Proc. 19th Ann. Conf. ECS, La-Rochelle, France, 02-07 April 2005. European Cetacean Society, France. • Seabra, M. I.; Silva, M. A.; Magalhães, S.; Prieto, R.; August, P.; Vigness-Raposa, K.; Lafon, V.; & Santos R. S. <i>In press</i>. Distribution and habitat preferences of bottlenose dolphins (<i>Tursiops truncatus</i>) and sperm whales (<i>Physeter macrocephalus</i>) with respect to physiographic and oceanographic factors in the waters around the Azores. <i>In: European Research on Cetaceans - 19</i>. Proc. 19th Ann. Conf. ECS, La-Rochelle, France, 02-07 April 2005. European Cetacean Society, France. |
| <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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <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"/> | |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| <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> (Arafura/Timor Sea populations) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <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> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | • Reiner, F.; Goncalves, J.M. & Santos, F. 2002. <i>Orcinus orca</i> (Linnaeus, 1758). In: <i>Atlas of the Marine Mammals of the World</i> , ed. by J. M. Goncalves, J. M. Santos, F. Reiner, & J. M. Goncalves, pp. 1-10. IUCN, Gland, Switzerland. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | <p>R. 1993 - Two new records of Ziphiidae (Cetacea) for the Azores with an updated checklist of cetacean species. <i>Arquipelago</i> - Life and Earth Sciences, no. 11A: 113-118.</p> <ul style="list-style-type: none"> Steiner, L.; Gordon, J.; Beer, C.J., 1999 – Marine mammals of the Azores. In Evans, P.G.H.; Parsons, E.C.M. (Eds.). <i>European Research on Cetaceans</i>, 12. Proc. 12th Annual Conference of the European Cetacean Society. Monaco, 20-24 January 1998: 79. Teixeira, A.M.A.P. 1979 – Marine mammals of the Portuguese coast. <i>Sonderdruck aus Z.f. Saugetierkunde</i>, 44 (4): 221-238. |
| <i>Globicephala melas</i> (only North and Baltic Sea populations) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <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"/> | <ul style="list-style-type: none"> Gordon, J.; Arnbohm, T.; Brum, J.; Coxson, C.; Cunha, R.; Gillespie, D.; Gordon, T.; Hughes, K.; Kirby, T.; Storey, K.; Walsh, V. 1987 – The first cruise of “Song of the Whale” and cetacean research carried out in the waters around the Azores by the IFAW. Cambridge: 95 pp. Steiner, L.; Gordon, J. 1990 – Cetacean sightings made between 1987 and 1990 in the Azores. Unpublished report from the IFAW: 16 pp. Steiner, L.; Gordon, J.; Beer, C.J., 1999 – Marine mammals of the Azores. In Evans, P.G.H.; Parsons, E.C.M. (Eds.). <i>European Research on Cetaceans</i>, 12. Proc. 12th Annual Conference of the European Cetacean Society. Monaco, 20-24 January 1998: 79. Silva, M.A.; Prieto, R.; Magalhães, S.; Cabecinhas, R.; Cruz, A.; Gonçalves, J.M. & Santos, R.S. 2003. Occurrence and distribution of cetaceans in the waters around the Azores (Portugal), Summer and Autumn 1999-2000. <i>Aquatic Mammals</i>, 29 (1):88-98. Reiner, F.; Gonçalves, J.M. & Santos, R. 1993 - Two new records of Ziphiidae (Cetacea) for the Azores with an updated checklist of cetacean species. <i>Arquipelago</i> - Life and Earth Sciences, no. 11A: 113-118. |
| <i>Balaenoptera bonaerensis</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Balaenoptera edeni</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Balaenoptera borealis</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> Silva, M.A.; Prieto, R.; Magalhães, S.; Cabecinhas, R.; Cruz, A.; Gonçalves, J.M. & Santos, R.S. 2003. Occurrence and distribution of cetaceans in the |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| | | | | | <p>waters around the Azores (Portugal), Summer and Autumn 1999-2000. <i>Aquatic Mammals</i>, 29 (1):88-98.</p> <ul style="list-style-type: none"> • Freitas, L., Dinis, A., Alves, F., Nóbrega, F., 2004. Cetáceos no Arquipélago da Madeira. Museu da Baleia Edition. • Gonçalves, J.M.; Galhardo, L. & Brum, J. 1992 - arine mammals stranded in the Azores during 1990-91. <i>Arquipelago - Life and Earth Sciences</i>, no. 10: 113-8. • Silva, M.A.; Prieto, R.; Magalhães, S.; Cabecinhas, R.; Cruz, A.; Gonçalves, J.M. & Santos, R.S. 2003 - Occurrence and distribution of cetaceans in the waters around the Azores (Portugal), Summer and Autumn 1999-2000. <i>Aquatic Mammals</i>, 29 (1):88-98. |
| <i>Balaenoptera physalus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Freitas, L., Dinis, A., Alves, F., Nóbrega, F., 2004. Cetáceos no Arquipélago da Madeira. Museu da Baleia Edition.. • Sequeira, M.; Inácio, A.; Reiner, F. 1992 – Arrojamentos de mamíferos marinhos na costa continental portuguesa entre 1978 e 1988. <i>Estudos de Biologia e Conservação da Natureza</i>, 7. SNPRCN, Lisboa: 48 pp • Reiner, F.; Gonçalves, J. & Santos, R. 1993 – Two new records od Ziphiidae (Cetacea) for the Azores with an updated checklist of cetacean species. <i>Arquipelago – Life and Earth Sciences</i>, 11A: 113-118. • Gonçalves, J.; Barreiros, J.P.; Azevedo, J. & Norberto, R. 1996 – Cetaceans stranded in the Azores during 1992-1996. <i>Arquipelago – Life and Earth Sciences</i>, 14A: 57-65. • Sequeira, M.; Inácio, A.; Silva, M. & Reiner, F. 1996 - Arrojamentos de mamíferos marinhos na costa continental portuguesa entre 1989 e 1994. <i>Estudos de Biologia e Conservação da Natureza</i>, 19. ICN, Lisboa: 52 pp. |
| <i>Caperea marginata</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| CARNIVORA | | | | | |
| <i>Arctocephalus australis</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Otaria flavescens</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Freitas, L, 1994. Present status, conservation and future perspectives |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| | | | | | of the Mediterranean Monk seal colony in Desertas Islands. Thesis to obtain the Master of Science in Marine and Fisheries. Zoology Department of the Aberdeen University, Scotland. • Neves, H.C.; Pires, R. 1999 – <i>The monk seal at Madeira archipelago</i> . [in portuguese] Parque Natural da Madeira Eds: 76 pp. |
| PROBOSCIDEA | | | | | |
| <i>Loxodonta africana</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SIRENIA | | | | | |
| <i>Trichechus manatus</i> (populations between Honduras and Panama) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Trichechus senegalensis</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Trichechus inunguis</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"/> | |
| PERISSODACTYLA | | | | | |
| <i>Equus hemionus</i> (includes <i>Equus hemionus</i> , <i>Equus onager</i> and <i>Equus kiang</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> (only Asian populations) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Gazella subgutturosa</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Procapra gutturosa</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Saiga tatarica tatarica</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"/> | • Granadeiro, J.P.; Silva, M.A. 1992 – Beached bird surveys in Portugal, 1990/91. <i>Sula</i> 6 (1): 22-27. |
| <i>Gavia arctica arctica</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <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"/> | |
| <i>Gavia adamsii</i> (Western Palearctic population) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| PODICIPEDIFORMES | | | | | |
| <i>Podiceps grisegena grisegena</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Podiceps auritus</i> (Western Palearctic populations) | <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 |
|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| 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> (Western Palearctic populations) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Ixobrychus minutus minutus</i> (Western Palearctic populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Mycteria ibis</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Ciconia nigra</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Pacheco, C.; Rosa, G.; Blanco, H.; Monteiro, P. 1999 – Population and distribution of some cliff nesting birds in the Tejo river basin in 1997 . [in portuguese]. <i>Airo</i>, 10: 22-31. • Rosa, G.; Pacheco, C.; Monteiro, A.; Araújo, A. 2001 – Situation of the Black Stork <i>Ciconia nigra</i> in Portugal: census of the breeding population. [in portuguese]. <i>Airo</i>, 11: 15-22. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| | | | | | <ul style="list-style-type: none"> • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Silva, L. 1998 – <i>Atlas of the birds of Malcata Mountain Natural Reserve</i> [in portuguese]. ICN, RNSM: 303 pp. • Franco, C., 2003. Monitorização da população nidificante de Cegonha-preta <i>Ciconia nigra</i> no sul de Portugal. Relatório do ICN. • Franco, C., 2003. Dispersão e migração de Cegonha-preta <i>Ciconia nigra</i> - Alentejo, Centro e Extremadura. Relatório do ICN. • Monteiro A., 1993. As populações nidificantes de Ciconiidae na região de Côa. <i>Airo</i> 4 (2): 51-55 |
| <i>Ciconia episcopus microscelis</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Ciconia ciconia</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Conde, C.; Costa, J.; Beja, P. 1992 – White Stork <i>Ciconia ciconia</i> in the southwest coast of Portugal [in portuguese]. <i>Airo</i>, 3 (2): 60-61. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Ferreira, F.; Canais, F.; Marques, A.; Catry, P. 1993 – The White Stork <i>Ciconia ciconia</i> in the area of Paul do Boquilobo Natural reserve from 1988 to 1993 [in portuguese]. <i>Airo</i>, 4 (2): 75-77. • Monteiro, A.E. 1993 – Breeding populations of Ciconiidae on the Ribacôa region (Guarda District, Portugal) [in portuguese]. <i>Airo</i>, 4 (2): 51-55. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Plegadis falcinellus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P. 1999 – Extinctions of breeding birds in mainland Portugal: a review. [in portuguese]. <i>Airo</i>, 10 (1): 1-13. • Costa, L.T. 1993 – Observations and status of the Glossy Ibis <i>Plegadis falcinellus</i> in Portugal [in portuguese]. <i>Airo</i>, 4 (1):13-19. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of</i> |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| | | | | | <p><i>the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp.</p> <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rodrigues, D.; Tenreiro, P.Q. 1997 – Glossy Ibis <i>Plegadis falcinellus</i> in Mondego lowlands during 1994 [in portuguese]. <i>Airo</i>, 8 (1/2): 40-43. |
| <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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |
| <i>Phoenicopterus ruber</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P. 1999 - Extinctions of breeding birds in mainland Portugal: a review. [in portuguese]. <i>Airo</i>, 10 (1): 1-13. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Farinha, J.C.; Guedes, R.S.; Encarnação, V.; Severo, A.; Monteiro, A. 1992 – Censuses and distribution of the Greater Flamingo <i>Phoenicopterus ruber</i> in Portugal in 1992. [in portuguese]. <i>Airo</i>, 3 (2): 64-66. |
| <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 checked="" type="checkbox"/> | <input 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"/> | |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| <i>Cygnus cygnus</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Cygnus columbianus</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Anser brachyrhynchus</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Anser fabalis</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Anser albifrons</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Anser erythropus</i> | <input type="checkbox"/> | <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"/> | <ul style="list-style-type: none"> • Costa, L.T.; Guedes, R.S. 1997a – Contagens de anátídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp. • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Branta leucopsis</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Branta bernicla</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Branta ruficollis</i> | <input type="checkbox"/> | <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"/> | <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"/> | <ul style="list-style-type: none"> • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anátídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp. • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field</i> |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | <p><i>guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p</p> <ul style="list-style-type: none"> • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <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"/> | <ul style="list-style-type: none"> • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anátídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Rodrigues, D., Figueiredo, M., Fabião, A. & Tenreiro, P. 2003. Importância do Estuário para os Anátídeos e os Ralídeos do Baixo Mondego. In J.L. Ribeiro (ed.). <i>Actas das Jornadas do Litoral 03</i>. PRÓ-FAUNA, AEFF e VIVER, Figueira da Foz. Pp. 10-12. |
| <i>Anas strepera</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anátídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|---|
| | | | | | <ul style="list-style-type: none"> • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Rodrigues, D., Figueiredo, M., Fabião, A. & Tenreiro, P. 2003. Importância do Estuário para os Anatídeos e os Ralídeos do Baixo Mondego. In J.L. Ribeiro (ed.). <i>Actas das Jornadas do Litoral 03. PRÓ-FAUNA, AEFF e VIVER</i>, Figueira da Foz. Pp. 10-12 |
| <i>Anas crecca</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anatídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Silva, L. 1998 – <i>Atlas of the birds of Malcata Mountain Natural Reserve</i> [in portuguese]. ICN, RNSM: 303 pp. • Figueiredo, M. 2003. Ecologia e Ordenamento de Marrequinha (<i>Anas crecca</i> L.) no Centro de Portugal. Tese apresentada para a obtenção do grau de Mestre. Faculdade de Ciências e Tecnologia da Universidade de Coimbra. 54 pp • Rodrigues, D., Figueiredo, E. Fabião, A. & Tenreiro P. 2004. Ten years of waterfowl marking in Portugal- main results and future perspectives. Proceedings of conference “Waterbirds around the world”. Edinburgh, UK: |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| <i>Anas capensis</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Anas platyrhynchos</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anátídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rodrigues, D.J.C. 1998 Diet during the breeding season and risk of saturnism of Mallards <i>Anas platyrhynchos</i> in ricefields of Quinta do Canal [in portuguese]. <i>Airo</i>, 9 (1/2): 33-39. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Silva, L. 1998 – <i>Atlas of the birds of Malcata Mountain Natural Reserve</i> [in portuguese]. ICN, RNSM: 303 pp. • Rodrigues, D.J.C., Figueiredo, M.E.M.A. & Fabião, A.M.D. 2002. Mallard Summer Diet in Central Portugal Rice-fields. <i>Game and Wildlife Science</i> 19: 55-62. • Rodrigues, D.C., Figueiredo, M.E. & Fabião, A. in press - . A preliminary model for a Portuguese Mallard population in Central Portugal. <i>Folia Zoologica</i>. • Rodrigues, D., Figueiredo, M., Fabião, A. & Tenreiro, P. 2003. Importância do Estuário para os Anátídeos e os Ralídeos do Baixo Mondego. In J.L. Ribeiro (ed.). <i>Actas das Jornadas do Litoral 03</i>. PRÓ-FAUNA, AEF e |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|----------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| | | | | | VIVER, Figueira da Foz. Pp. 10-12. |
| <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"/> | <ul style="list-style-type: none"> • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anátídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Rodrigues, D., Figueiredo, M., Fabião, A. & Tenreiro, P. 2003. Importância do Estuário para os Anátídeos e os Ralídeos do Baixo Mondego. In J.L. Ribeiro (ed.). <i>Actas das Jornadas do Litoral 03</i>. PRÓ-FAUNA, AEFF e VIVER, Figueira da Foz. Pp. 10-12. |
| <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"/> | <ul style="list-style-type: none"> • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anátídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rodrigues, D., Figueiredo, E. Fabião, A. & Tenreiro P. 2004. Ten years of waterfowl marking in Portugal- main results and future perspectives. Proceedings of conference “Waterbirds around the world”. Edinburgh, UK |
| <i>Anas clypeata</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – <i>Atlas de Aves do Parque Natural do</i> |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | <p>Alvão. Parque Natural do Alvão, Vila Real.</p> <ul style="list-style-type: none"> • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anatídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Rodrigues, D., Figueiredo, M., Fabião, A. & Tenreiro, P. 2003. Importância do Estuário para os Anatídeos e os Ralídeos do Baixo Mondego. In J.L. Ribeiro (ed.). <i>Actas das Jornadas do Litoral 03</i>. PRÓ-FAUNA, AEFF e VIVER, Figueira da Foz. Pp. 10-12. |
| <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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anatídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> |

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| | | | | | <p>[in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp.</p> <ul style="list-style-type: none"> • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Rodrigues, D., Figueiredo, M., Fábão, A. & Tenreiro, P. 2003. Importância do Estuário para os Anatídeos e os Ralídeos do Baixo Mondego. In J.L. Ribeiro (ed.). <i>Actas das Jornadas do Litoral 03</i>. PRÓ-FAUNA, AEFF e VIVER, Figueira da Foz. Pp. 10-12. |
| <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"/> | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anatídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Rodrigues, D., Figueiredo, M., Fábão, A. & Tenreiro, P. 2003. Importância do Estuário para os Anatídeos e os Ralídeos do Baixo Mondego. In J.L. Ribeiro (ed.). <i>Actas das Jornadas do Litoral 03</i>. PRÓ-FAUNA, AEFF e VIVER, Figueira da Foz. Pp. 10-12. |
| <i>Aythya nyroca</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P. 1999 - Extinctions of breeding birds in mainland Portugal: a review. [in portuguese]. <i>Airo</i>, 10 (1): 1-13. • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anatídeos invernantes em Portugal. Invernos de 1993/94 a |

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| | | | | | <p>1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp</p> <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Aythya fuligula</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anatídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Rodrigues, D., Figueiredo, E. Fabião, A. & Tenreiro P. 2004. Ten years of waterfowl marking in Portugal- main results and future perspectives. Proceedings of conference “Waterbirds around the world”. Edinburgh, UK: |
| <i>Aythya marila</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Somateria mollissima</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>Somateria spectabilis</i> | <input type="checkbox"/> | <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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Melanitta nigra</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Rufino, R.; Neves, R., 1990a – Invernada de Pato-negro <i>Melanitta nigra</i> na costa de Aveiro: Janeiro 1990. <i>Airo</i>, (2): 1-2. • Rufino, R.; Neves, R., 1990b - seaduck monitoring in Portugal. IWRB / West. Pal. Seaduck Database Newsletter. Dec. 1990. |
| <i>Melanitta fusca</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Bucephala clangula</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Mergellus albellus</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Mergus serrator</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Costa, L.T.; Guedes, R.S. 1997 – Contagens de anátídeos invernantes em Portugal. Invernos de 1993/94 a 1995/95. <i>Estudos de Biologia e Conservação da Natureza</i> 20. ICN, Lisboa: 56 pp • Costa, L.T.; Rufino, R. 1997– Mid-winter water fowl counts in Portugal – January 1997 [in portuguese]. <i>Airo</i>, 8 (1/2): 25-32. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Mergus merganser</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| FALCONIFORMES | | | | | |
| <i>Pandion haliaetus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P. 1999 - Extinctions of breeding birds in mainland Portugal: a review. [in portuguese]. <i>Airo</i>, 10 (1): 1-13. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field</i> |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | <i>guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |
| GALLIFORMES | | | | | |
| <i>Coturnix coturnix coturnix</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Silva, L. 1998 – <i>Atlas of the birds of Malcata Mountain Natural Reserve</i> [in portuguese]. ICN, RNSM: 303 pp. |
| 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"/> | <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 Western Palearctic) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | Conservação da Natureza: 268 p |
| <i>Porzana parva parva</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Porzana pusilla intermedia</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P. 1999 - Extinctions of breeding birds in mainland Portugal: a review. [in portuguese]. <i>Airo</i>, 10 (1): 1-13. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |
| <i>Fulica atra atra</i> (Mediterranean and Black Sea populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Almeida, J. 1991. A Invernada de Grous <i>Grus grus</i> em Portugal. Programa de censos –Resultados do Inverno 1989-1990. <i>Estudos de Biologia e Conservação da Natureza</i> 1. S.N.P.R.C.N., Lisboa, Portugal. • Almeida, J. 1992. Censuses of Common Crane <i>Grus grus</i> wintering in Portugal. [in portuguese]. <i>Airo</i> 3 (2): 55-58. • Almeida, J.. 1995. Situation and Conservation Perspectives of the Common Crane in Portugal. In Prange, H. (ed.) Crane Research and Protection in Europe. Martin-Luther-Universitat Halle, Wittenberg, Germany. • Almeida, J. & M. Pinto. 1992. Selecção dos biótopos de alimentação pelo Grou-comum <i>Grus grus</i>: o caso de Moura (Alentejo). <i>Airo</i> 3:1-8. • Almeida, J. & Pinto, M. 1995. Habitat use by the Common Crane at Moura, Portugal. In Prange, H. (ed.) Crane Research and Protection in Europe. Martin-Luther-Universitat Halle, |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---------|-------------|-------------------|---------|--------------------------|---|
| | | | | | <p>Wittenberg, Germany.</p> <ul style="list-style-type: none"> • Cruz, C.M. 1995. Contribuição para o estudo da dieta de <i>Grus grus</i> L. em áreas ocidentais de invernada na Península Ibérica. Simpósio sobre Ecologia Alimentar de Aves. Cadernos SPEA. SPEA, Lisboa. • Cruz, C.M. 1996. A população de grou (<i>Grus grus</i> L.) invernantes no Alentejo: aspectos sobre a sua conservação. <i>Ciência e Natureza</i>, 2: 57-64. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Franco, A.M.A. 2000. A selecção de habitats e a utilização do tempo pela população de grou-comum <i>Grus grus</i> nas regiões de Évora e Campo Maior. ICN, (unpublish report). • Franco, A.M.A., J.C. Brito, and J. Almeida. 2000. Modelling habitat selection of Common Crane <i>Grus grus</i> wintering in Portugal using multiple logistic regression. <i>Ibis</i>, 142:351-358. • Leitão, D., J. Almeida, A. Vaz & M. Melo. 1999. Winter Riverine Roost Site Selection by Common Crane <i>Grus grus</i> in Portugal. Proceedings Third European Crane Workshop. Oct. 11-14, 1996. Hansestadt Stralsund, Germany. • Melo, M. 1996. Utilização do espaço e do tempo pela população invernante de Grou-comum <i>Grus grus</i> na região de Moura. Relatório de estágio do curso de Biologia Aplicada aos Recursos Animais-ramo Terrestre. Faculdade de Ciências da Universidade de Lisboa. • Melo, M.P., J. Almeida, A. Vaz & R. Covas. 1999a. The daily activity of wintering Common Cranes <i>Grus grus</i> in Portugal: the effect of scarce food resources. <i>Die Vogelwelt</i>, 120 (5-6): 353-356 • Melo, M.P., J. Almeida & A. Vaz. 1999b. Time budget and daily activity of wintering Common Cranes <i>Grus grus</i> in Portugal: the effect of scarce food resources. Proc. Third European Crane Workshop. Stralsund, Alemanha, 11-14 Outubro 1996. • Melo, M.P., J. Almeida & A. Vaz. 1999c. Spatio-temporal distribution of |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | <p>the Common Crane <i>Grus grus</i> in a wintering site in Portugal. Proc. Third European Crane Workshop. Stralsund, Alemanha, 11-14 October 1996.</p> <ul style="list-style-type: none"> • Pinto, M. & Almeida, J. 1995. A survey-program for the Common Crane wintering in Portugal – first results in Crane research and protection in Europe, Prange, H. (ed.). Deutsche Lufthansa AG, Frankfurt. • Reis, S. 1999. Selecção do local de dormida e do habitat de alimentação pelo Grou-comum <i>Grus grus</i> durante o Inverno em Portugal. Relatório de estágio profissionalizante da licenciatura em Biologia Aplicada aos Recursos Animais – var. Terrestre. Faculdade de Ciências da Universidade de Lisboa. Departamento de Zoologia e Antropologia • Vaz, A. & M. Melo. 1999. Faecal sample analysis in the study of the winter diet of the Common Crane <i>Grus grus</i>. Proc. Third European Crane Workshop. Stralsund, Alemanha, 11-14 October 1996. |
| <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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Morgado, R. & F. Moreira (2000) Seasonal population dynamics, nest site selection, sex-ratio and clutch size of the great bustard <i>Otis tarda</i> in two adjacent lekking areas. <i>Ardeola</i>, 47 (2), 237-246 • Rocha, P. A. (1999) <i>A Interpretação Ecológica de Imagens de Satélite e a Utilização de Sistemas de Informação Geográfica Aplicados à Conservação da Abetarda Otis tarda no Biótopo CORINE de Castro Verde</i>. Tese de Mestrado em Gestão de Recursos Naturais do Instituto Superior de Agronomia da Faculdade Técnica de Lisboa, 112 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Pinto, M., Rocha, P. & Moreira, F. 2005. Long term trends in Great Bustard populations in Portugal suggest concentration in single high quality areas. <i>Biological Conservation</i> 124: 415-423. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|-------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| CHARADRIIFORMES | | | | | |
| <i>Himantopus himantopus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p. • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Neves, R.; Rufino, R., 1996 – O perna-longa <i>Himantopus himantopus</i> no estuário do Sado. Movimentos observados com o auxílio da marcação com anilhas de cor. In Farinha, F.C.; Almeida, J.; Costa, H. (Eds.). Actas do I Congresso de Ornitologia da SPEA. Vila Nova de Cerveira. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Rufino, R.; Neves, R. 1991 – Recenseamento da população de Perna-longa <i>Himantopus himantopus</i> em Portugal. <i>Airo</i>, 2 (1): 10-11. • Tavares PC, Monteiro LR, Lopes RJ, Correia dos Santos MM, Furness RW (2004) Mercury in chicks of Black-winged Stilt (<i>Himantopus himantopus</i>) in coastal wetlands from south-western Europe: Inter-tissue and geographic variation. <i>Bulletin of Environmental Contamination and Toxicology</i> 72(3) |
| <i>Recurvirostra avosetta</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Cabral, J.A.; Múrias, T.; Lopes, R.; Marques, J.C. 1996 – Macroalgae blooms and macrohabitat selection by waders: a study in the Mondego estuary (western Portugal). <i>Airo</i>, 7 (1): 1-6. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|-----------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | <p>Portuguesa para o Estudo das Aves, Lisboa: 416 pp.</p> <ul style="list-style-type: none"> • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. in press. Environmental factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> |
| <i>Dromas ardeola</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Burhinus oediconemus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Glareola pratincola</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – |

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| | | | | | <p><i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 pp.</p> <ul style="list-style-type: none"> • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Glareola nordmanni</i> | <input type="checkbox"/> | <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"/> | <ul style="list-style-type: none"> • Catry, P.; Fonseca, J.P.; Santos, B. 1992 – Seasonal variation of wader numbers in three Portuguese coastal areas [in portuguese]. <i>Airo</i>, 3 (2): 62-64. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Pluvialis squatarola</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Cabral, J.A.; Múrias, T.; Lopes, R.; Marques, J.C. 1996 – Macroalgae blooms and macrohabitat selection by waders: a study in the Mondego estuary (western Portugal). <i>Airo</i>, 7 (1): 1-6. • Catry, P.; Fonseca, J.P.; Santos, B. 1992 – Seasonal variation of wader numbers in three Portuguese coastal areas [in portuguese]. <i>Airo</i>, 3 (2): 62-64. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field</i> |

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|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| | | | | | <p><i>guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 pp.</p> <ul style="list-style-type: none"> • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Lopes, R.J.; Cabral, J.A.; Múrias, T.; Marques, J.C. 1998 – Contribution to the study of the diet of the Dunlin <i>Calidris alpina</i> and the Grey Plover <i>Pluvialis squatarola</i> in the Mondego estuary [in portuguese]. <i>Airo</i>, 9 (1/2): 27-32. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. in press. Environmental factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> |
| <i>Charadrius hiaticula</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Cabral, J.A.; Múrias, T.; Lopes, R.; Marques, J.C. 1996 – Macroalgae blooms and macrohabitat selection by waders: a study in the Mondego estuary (western Portugal). <i>Airo</i>, 7 (1): 1-6. • Catry, P.; Fonseca, J.P.; Santos, B. 1992 – Seasonal variation of wader numbers in three Portuguese coastal areas [in portuguese]. <i>Airo</i>, 3 (2): 62-64. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 pp. • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | <p>inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67.</p> <ul style="list-style-type: none"> • Lourenço, P.M., Granadeiro, J.P. & Palmeirim, J.M. (<i>in press</i>). Importance of drainage channels for waders foraging on tidal flats: relevance for the management of estuarine wetlands. <i>Journal of Applied Ecology</i> • Dias, M.P., Granadeiro, J.P., Martins, R.C. & Palmeirim, J.M. (<i>in press</i>). Estimating the use of tidal flats by waders: inaccuracies due to the response of birds to the tidal cycle. <i>Bird Study</i> • Granadeiro, J.P., Andrade, J. & Palmeirim, J.M. (2004) Modelling the occurrence of shorebirds in intertidal areas using generalised additive models. <i>J. Sea Research</i>. 52: 227–240. • Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. <i>in press</i>. Environmental factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> |
| <i>Charadrius dubius</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Cabral, J.A.; Múrias, T.; Lopes, R.; Marques, J.C. 1996 – Macroalgae blooms and macrohabitat selection by waders: a study in the Mondego estuary (western Portugal). <i>Airo</i>, 7 (1): 1-6. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. |

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|---------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| | | | | | <ul style="list-style-type: none"> • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 pp. • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Norte, A. C. e J. A. Ramos. 2004. Nest-site selection and breeding biology of Kentish Plover (<i>Charadrius alexandrinus</i>) in sandy beaches of the Portuguese west coast. <i>Ardeola</i> 51: 255-268. • Lourenço, P.M., Granadeiro, J.P. & Palmeirim, J.M. (<i>in press</i>). Importance of drainage channels for waders foraging on tidal flats: relevance for the management of estuarine wetlands. <i>Journal of Applied Ecology</i> • Dias, M.P., Granadeiro, J.P., Martins, R.C. & Palmeirim, J.M. (<i>in press</i>). Estimating the use of tidal flats by waders: inaccuracies due to the response of birds to the tidal cycle. <i>Bird Study</i> • Granadeiro, J.P., Andrade, J. & Palmeirim, J.M. (2004) Modelling the occurrence of shorebirds in intertidal areas using generalised additive models. <i>J. Sea Research</i>. 52: 227–240. |
| <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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Vanellus vanellus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader |

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| | | | | | <p>censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68.</p> <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Leitão, D.; Farinha, J.C. 1993 – The breeding of the Lapwing <i>Vanellus vanellus</i> in Castro Marim in 1993. [in portuguese]. <i>Airo</i>, 4 (1): 20-21 • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Silva, L. 1998 – <i>Atlas of the birds of Malcata Mountain Natural Reserve</i> [in portuguese]. ICN, RNSM: 303 pp. |
| <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"/> | <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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Gallinago gallinago</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Gerales, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |

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| | | | | | <ul style="list-style-type: none"> • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Lymnocyptes minimus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. |
| <i>Limosa limosa</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Lourenço, P.M., Granadeiro, J.P. & Palmeirim, J.M. (<i>in press</i>). Importance of drainage channels for waders foraging on tidal flats: relevance for the management of estuarine wetlands. <i>Journal of Applied Ecology</i> • Dias, M.P., Granadeiro, J.P., Martins, R.C. & Palmeirim, J.M. (<i>in press</i>). |

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| | | | | | <p>Estimating the use of tidal flats by waders: inaccuracies due to the response of birds to the tidal cycle. <i>Bird Study</i></p> <ul style="list-style-type: none"> • Granadeiro, J.P., Andrade, J. & Palmeirim, J.M. (2004) Modelling the occurrence of shorebirds in intertidal areas using generalised additive models. <i>J. Sea Research</i>. 52: 227–240. • Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. in press. Environmental factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> |
| <i>Limosa lapponica</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P.; Fonseca, J.P.; Santos, B. 1992 – Seasonal variation of wader numbers in three Portuguese coastal areas [in portuguese]. <i>Airo</i>, 3 (2): 62-64. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Lourenço, P.M., Granadeiro, J.P. & Palmeirim, J.M. (<i>in press</i>). Importance of drainage channels for waders foraging on tidal flats: relevance for the management of estuarine wetlands. <i>Journal of Applied Ecology</i> • Dias, M.P., Granadeiro, J.P., Martins, R.C. & Palmeirim, J.M. (<i>in press</i>). Estimating the use of tidal flats by waders: inaccuracies due to the response of birds to the tidal cycle. <i>Bird Study</i> • Granadeiro, J.P., Andrade, J. & Palmeirim, J.M. (2004) Modelling the occurrence of shorebirds in intertidal areas using generalised additive models. <i>J. Sea Research</i>. 52: 227–240. • Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. in press. Environmental |

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| | | | | | factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> |
| <i>Numenius phaeopus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P.; Fonseca, J.P.; Santos, B. 1992 – Seasonal variation of wader numbers in three Portuguese coastal areas [in portuguese]. <i>Airo</i>, 3 (2): 62-64. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. in press. Environmental factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> |
| <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"/> | <ul style="list-style-type: none"> • Cabral, J.A.; Múrias, T.; Lopes, R.; Marques, J.C. 1996 – Macroalgae blooms and macrohabitat selection by waders: a study in the Mondego estuary (western Portugal). <i>Airo</i>, 7 (1): 1-6. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |

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|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| | | | | | <ul style="list-style-type: none"> Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. in press. Environmental factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> |
| <i>Tringa erythropus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Tringa totanus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| | | | | | <ul style="list-style-type: none"> • Lourenço, P.M., Granadeiro, J.P. & Palmeirim, J.M. (<i>in press</i>). Importance of drainage channels for waders foraging on tidal flats: relevance for the management of estuarine wetlands. <i>Journal of Applied Ecology</i> • Dias, M.P., Granadeiro, J.P., Martins, R.C. & Palmeirim, J.M. (<i>in press</i>). Estimating the use of tidal flats by waders: inaccuracies due to the response of birds to the tidal cycle. <i>Bird Study</i> • Granadeiro, J.P., Andrade, J. & Palmeirim, J.M. (2004) Modelling the occurrence of shorebirds in intertidal areas using generalised additive models. <i>J. Sea Research</i>. 52: 227–240. • Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. <i>in press</i>. Environmental factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> • Múrias T, Cabral JA, Lopes RJ, Pardal M, Marques JC, Goss-Custard J. (<i>in press</i>). Competition for feeding in waders: A case study in an estuary of south temperate Europe (Mondego, Portugal). <i>Hydrobiologia</i> |
| <i>Tringa stagnatilis</i> | <input checked="" type="checkbox"/> | <input 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"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Tringa ochropus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldès, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | 67-68. <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Tringa glareola</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Tringa cinerea</i> | <input type="checkbox"/> | <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"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Silva, L. 1998 – <i>Atlas of the birds of Malcata Mountain Natural Reserve</i> [in portuguese]. ICN, RNSM: 303 pp. |
| <i>Arenaria interpres</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P.; Fonseca, J.P.; Santos, B. 1992 – Seasonal variation of wader numbers in three Portuguese coastal areas [in portuguese]. <i>Airo</i>, 3 (2): 62-64. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldés, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| | | | | | portuguese]. <i>Airo</i> , 6 (1/2): 29-38 <ul style="list-style-type: none"> • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. in press. Environmental factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> |
| <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"/> | <ul style="list-style-type: none"> • Catry, P.; Fonseca, J.P.; Santos, B. 1992 – Seasonal variation of wader numbers in three Portuguese coastal areas [in portuguese]. <i>Airo</i>, 3 (2): 62-64. • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 pp. • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Calidris alba</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da</i> |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|---|
| | | | | | <p><i>Natureza</i>, 4. SNPRCN; Lisboa: 31 pp..</p> <ul style="list-style-type: none"> • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. in press. Environmental factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> |
| <i>Calidris minuta</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraledes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Calidris temminckii</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |
| <i>Calidris maritima</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P.; Fonseca, J.P.; Santos, B. 1992 – Seasonal variation of wader numbers in three Portuguese coastal areas [in portuguese]. <i>Airo</i>, 3 (2): 62-64. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |
| <i>Calidris alpina</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraledes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38. • Lopes, R.J.; Cabral, J.A.; Múrias, T.; |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---------|-------------|-------------------|---------|--------------------------|---|
| | | | | | <p>Marques, J.C. 1998 – Contribution to the study of the diet of the Dunlin <i>Calidris alpina</i> and the Grey Plover <i>Pluvialis squatarola</i> in the Mondego estuary [in portuguese]. <i>Airo</i>, 9 (1/2): 27-32.</p> <ul style="list-style-type: none"> • Rufino, R., 1992 – Contagens de aves aquáticas invernantes, Janeiro 1991. <i>Estudos de Biologia e Conservação da Natureza</i>, 4. SNPRCN; Lisboa: 31 pp.. • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts in Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Lopes, R. & Wennerberg, L. 2004. Geographical segregation in wintering Dunlin populations along the East Atlantic flyway – evidence from mitochondrial DNA analysis. Proceedings of conference “Waterbirds around the world”. Edinburgh, UK: • Lourenço, P.M., Granadeiro, J.P. & Palmeirim, J.M. (<i>in press</i>). Importance of drainage channels for waders foraging on tidal flats: relevance for the management of estuarine wetlands. <i>Journal of Applied Ecology</i> • Dias, M.P., Granadeiro, J.P., Martins, R.C. & Palmeirim, J.M. (<i>in press</i>). Estimating the use of tidal flats by waders: inaccuracies due to the response of birds to the tidal cycle. <i>Bird Study</i> • Granadeiro, J.P., Andrade, J. & Palmeirim, J.M. (2004) Modelling the occurrence of shorebirds in intertidal areas using generalised additive models. <i>J. Sea Research</i>. 52: 227–240. • Santos, C.D., Granadeiro, J.P. & Palmeirim, J.M. (<i>in press</i>). Feeding ecology of Dunlin <i>Calidris alpina</i> in a southern European estuary. <i>Ardeola</i> • Lopes RJ (2004) Migration and winter dynamics of the Dunlin <i>Calidris alpina</i> in Portugal. Tese de Doutoramento. Departamento de Zoologia, Faculdade de Ciências e Tecnologia, Universidade de Coimbra, Coimbra, Portugal. • Múrias T, Cabral JA, Lopes RJ, Pardal M, Marques JC, Goss-Custard J. Competition for feeding in waders: A case study in an estuary of south temperate Europe (Mondego, Portugal). <i>Hydrobiologia</i> (<i>in press</i>). • Lopes RJ, Múrias T, Cabral JA, Marques JC. (2005) A Ten Year Study of Variation, Trends and Seasonality of Shorebird Community in the Mondego estuary, Portugal. <i>Waterbirds</i> 28(1): 8-18. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| | | | | | <ul style="list-style-type: none"> • Lopes RJ, Wennerberg L. Geographical segregation in wintering Dunlin <i>Calidris alpina</i> populations along the East Atlantic flyway – evidence from mitochondrial DNA analysis. <i>Waterbirds around the world</i>. Edinburgh, Scotland, Fevereiro 3-8, 2004. |
| <i>Calidris ferruginea</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. • Granadeiro, J., Santos, D., Dias, M. & Palmeirim, J. in press. Environmental factors affecting the low-tide distribution of birds in the sediment flats of a Southern European estuary. <i>Hydrobiologia</i> |
| <i>Limicola falcinellus</i> | <input type="checkbox"/> | <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"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Encarnação, V. 1992 – Wader censuses in the Parque Natural da Ria Formosa. [in portuguese]. <i>Airo</i>, 3 (2): 67-68. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D. 1995 – Charadriiformes of the Tejo estuary farmlands. [in portuguese]. <i>Airo</i>, 6 (1/2): 29-38 • Rufino, R.; Costa, L.T. 1993 – Mid-winter wader and waterfowl counts inm Portugal – January 1993 [in portuguese]. <i>Airo</i>, 4 (2): 57-67. |
| <i>Phalaropus lobatus</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Phalaropus fulicaria</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <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"/> | |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| <i>Larus melanocephalus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Poot, M. 2003. Offshore foraging of mediterranean Gull in Portugal during the winter. <i>Atlantic Seabirds</i> 5 (1). |
| <i>Larus genei</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Larus audouinii</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P. 1999 - Extinctions of breeding birds in mainland Portugal: a review. [in portuguese]. <i>Airo</i>, 10 (1): 1-13. |
| <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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Sterna caspia</i> (West Eurasian and African populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |
| <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"/> | <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"/> | <ul style="list-style-type: none"> • Elias, G.L.L.; Reino, M.; Silva, T.; Geraldes, P. (coords.) 1998 – <i>Atlas of the wintering birds of Baixo Alentejo – Portugal</i> [in portuguese]. Sociedade Portuguesa para o Estudo das Aves, Lisboa: 416 pp. • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |
| <i>Sterna dougallii</i> (Atlantic population) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p. • Monteiro, L.R.; Ramos, J.A.; Furness, R.W. 1996 – Past and present status and conservation of the seabirds breeding in the Azores Archipelago. <i>Biological Conservation</i>, 78 (3): 319-328. • Ramos, J.A.; del Nevo, A. 1995 – Nest-sire selection by Roseat Terns and Common Terns in the Azores. <i>Auk</i>, 112 (3): 580-589. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| | | | | | <ul style="list-style-type: none"> • Ramos, J.A.; Sola, E.; Monteiro, L.R.; Ratcliffe, N. 1998 – Prey delivered to Roseat Tern chicks in the Azores. <i>Journal of Field Ornithology</i>, 69 (3): 419–429. • Avery, M.I.; Coulthard, N.D.; Del Nevo, A.J.; Leroux, A.; Medeiros, F.; Merne, O.; Monteiro, L.; Moralee, A.; Ntiamoa-Baidu, Y.; O'Brian, M. & Wallace, E. 1995 - A recovery plan for Roseate Terns on the East Atlantic: an international programme. <i>Bird Conservation International</i> 5:441-453 • del Nevo, A.J.; Dunn, E.K.; Medeiros, F.M.; Le Grand, G.; Akers, P.; Avery, M.I.; Monteiro, L. 1993 - The status of Roseate terns (<i>Sterna dougallii</i>) and Common terns (<i>Sterna hirundo</i>) in the Azores. <i>Seabird</i> 15:30-37 • Hays, H.; Lima, P.; Monteiro, L.R.; DiCostanzo, J.; Cormons, G.; Nisbet, I.C.T.; Saliva, J.; Spindelov, J.A.; Burger, J.; Pierce, J. & Gochfeld, M. (1999) A nonbreeding concentration of Roseate and Common terns in Bahia, Brazil. <i>Journal of Field Ornithology</i> 70:455-464 • Heath, M.F. (Ed.) 2000 - Important Bird Areas in Europe: Inventory Review. BirdLife International, Cambridge. • Monteiro, L.R. 1999 - The Azores' seabirds: knowing more of them to do more for them. <i>Natura</i> 2000 9:4-5 • Monteiro, L.R.; Ramos, J.A. & Furness, R.W. 1996 - Past and present status and conservation of the seabirds breeding in the Azores archipelago. <i>Biological Conservation</i> 78:319-328 • Monteiro, L.R. (Ed.) 1997 - Proceedings of the 7th Roseate Tern Workshop, Horta, 26-27 April 1997. University of Azores, Horta, 46 pp • Tucker, G.M.; Evans, M.I.; (compilers) 1997 - Habitats for birds in Europe: a conservation strategy for the wider environment. Cambridge, U.K.: BirdLife International (BirdLife Conservation Series 6). 464 pp • Martins, I., J. C. Pereira, J. A. Ramos e S. E. Jørgensen. 2004. Modelling the effects of different quality prey fish species and of food supply reduction on growth performance of Roseate Tern chicks. <i>Ecological Modelling</i> 177: 95-106. |
| <i>Sterna hirundo hirundo</i> (populations breeding in the Western Palearctic) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Catry, P. 1999 - Extinctions of breeding birds in mainland Portugal: a review. [in portuguese]. <i>Airo</i>, 10 (1): 1-13. • Elias, G.; Leitão, D. 1992 – The |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
|--|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| | | | | | <p>breeding of the Common Tern <i>Sterna hirundo</i> in Portugal [in portuguese]. <i>Airo</i>, 3 (3): 88-89.</p> <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D.; Neves, R.; Rufino, R. 1993 – Breeding Terns (Genus <i>Sterna</i>) in the Tejo and the Sado estuaries in 1993. <i>Airo</i>, 4 (2) 68-71. • del Nevo, A.J.; Dunn, E.K.; Medeiros, F.M.; Le Grand, G.; Akers, P.; Avery, M.I.; Monteiro, L. 1993 - The status of Roseate terns (<i>Sterna dougallii</i>) and Common terns (<i>Sterna hirundo</i>) in the Azores. <i>Seabird</i> 15:30-37 • Heath, M.F. (Ed.) 2000 - Important Bird Areas in Europe: Inventory Review. BirdLife International, Cambridge. • Monteiro, L.R. 1999 - The Azores' seabirds: knowing more of them to do more for them. <i>Natura</i> 2000 9:4-5 • Monteiro, L.R.; Ramos, J.A.; Furness, R.W. & del Nevo, A.J. 1996 - Movements, morphology, breeding, molt, diet and feeding of seabirds in the Azores. <i>Colonial Waterbirds</i> 19:82-97 • Granadeiro, J.P., Monteiro, L.R., Silva, M.C. & Furness, R.W. (2002). Diet of Common Terns in the Azores, Northeast Atlantic. <i>Waterbirds</i> 25: 149–155. |
| <i>Sterna paradisaea</i> (Atlantic populations) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Sterna albifrons</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p • Leitão, D.; Neves, R.; Rufino, R. 1993 – Breeding Terns (Genus <i>Sterna</i>) in the Tejo and the Sado estuaries in 1993. <i>Airo</i>, 4 (2) 68-71. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Catry, T., J. A. Ramos, I. Catry, M-A. Revez e N. Grade. 2004. Are salinas a suitable alternative breeding habitat for Little Terns ? <i>Ibis</i> 146: 247-257. • Paiva, V., J. A. Ramos, T. Catry, P. Pedro, R. Medeiros and J. Palma. In press. Influence of environmental factors and energetic value of food on Little Tern chick growth and food delivery. <i>Bird Study</i>. • Catry, T., Ramos, J., Catry I., Allen-Revez, M. e Grade, N. 2004. Are |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
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| | | | | | <p>salinas a suitable alternative breeding habitat for Little Terns? <i>Ibis</i> 146: 247-257.</p> <ul style="list-style-type: none"> Tavares PC, Monteiro LR, Lopes RJ, Pereira ME, Duarte AC, Furness RW (2005) Variation of Mercury Contamination in Chicks of Little Tern <i>Sterna albifrons</i> in Southwest Europe: Brood, Age, and Colony Related Effects. <i>Bulletin of Environmental Contamination and Toxicology</i> 74(1): 177-183. Paiva, V., J. A. Ramos, T. Catry, P. Pedro, R. Medeiros e J. Palma. 2005. Influence of environmental factors and energetic value of food on Little Tern chick growth and food delivery. <i>Bird Study</i>. In press. |
| <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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> Farinha, J.C.; Costa, H. 1999 – <i>Aquatic birds of Portugal. A field guide</i> [in portuguese]. Instituto da Conservação da Natureza: 268 p |
| <i>Chlidonias leucopterus</i> (West Eurasian and African population) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| COLUMBIFORMES | | | | | |
| <i>Streptopelia turtur turtur</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. |
| CORACIIFORMES | | | | | |
| <i>Merops apiaster</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> Costa, L.T. 1992 – Predation on European Bee-eater <i>Merops apiaster</i> in Portugal [in portuguese]. <i>Airo</i>, 3 (3): 88-89. Silva, L. 1998 – <i>Atlas of the birds of Malcata Mountain Natural Reserve</i> [in portuguese]. ICN, RNSM: 303 pp. |
| <i>Coracias garrulus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> Marques, A.T.; Henriques, I., Catry, P.; Moreira, M.I. 2004 – Status of the Roller (<i>Coracias garrulus</i>) in Portugal: na historical approach. <i>Abstracts of the International Symposium on Ecology and Conservation of steppe-land birds</i>. Lérida, Spain. Moreira, M.I.; Catry, P.; Henriques, I.S.; Marques, A.T.; Reis, S. 2003 – A situação do Rokieiro (<i>Coracias garrulus</i>) em Portugal e dados preliminares sobre a sua biologia reproductora na ZPE de Castro Verde. <i>Actas do IV Congresso de Ornitologia da SPEA</i>, Aveiro. Rocha, P.A. 1999 – A reprodução do Rolieiro <i>Coracias garrulus</i> no Baixo |

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| | | | | | Alentejo no período 1996-1999 in Beja, P.,; Catry, P.; Moreira, F. (Eds.) <i>Actas do II Congresso de Ornitologia da SPEA</i> , Lisboa: 19-21., |
| 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>Pseudocolopteryx dinellianus</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Polystictus pectoralis pectoralis</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Sporophila ruficollis</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <i>Acrocephalus paludicola</i> | <input checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Bowen, B.W. 1996 - Comparative biogeography of the green turtle (<i>Chelonia mydas</i>) and the loggerhead turtle (<i>Caretta caretta</i>) as inferred from mtDNA sequence comparisons. <i>In Proceedings of the international symposium on sea turtle conservation genetics</i>. Miami, Florida: NOAA Technical Memorandum. • Brongersma, L.D., 1972 - European Atlantic turtles. <i>Zoologische Verhandelingen</i>, 121: p. 1-318. • Encalada, S., et al., 1996 - Phylogeography and population structure of the Atlantic and Mediterranean green turtle (<i>Chelonia mydas</i>): a mitochondrial DNA control region sequence assessment. <i>Molecular Ecology</i>, (5): 108- • Fretey, J., 2001 - Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa. Convention on Migratory Species, ed. C.T.S.P. n°6.: CMS/FRETEY: 1-428. • Groombridge, B., 1990 - Marine turtles in the Mediterranean: distribution, population status, and conservation. A report to the Council of Europe Environment and Management Division. <i>Nature and Environment Series</i>, 48: p. 1-99. • Groombridge, B.; Luxmoore, R., 1990 - The green turtle and hawksbill (Reptilia: Cheloniidae): world status, exploitation and trade. <i>Copeia</i>, (3): 898-900. • Hirth, H.F., 1971 – Synopsis of biological data on the green turtle <i>Chelonia mydas</i> (Linnaeus, 1758). FAO Fisheries Synopsis, 85. • Machado, A., 1989 - Marine turtles in the Mid-Atlantic Islands. <i>contract no. B3-B6610/88/59</i>. Commission of the European Communities DGXI. p. 11. |

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| | | | | | <ul style="list-style-type: none"> • Márquez M., R., 1990 - Sea turtles of the World: an annotated and illustrated catalogue of sea turtle species known to date. <i>FAO species catalogue Vol. 11. FAO Fish. Synop.</i> 125(11): p. 1-81. • National Marine Fisheries Service and U.S. Fish Wildlife Service, 1991 - Recovery plan for U.S. population of Atlantic green turtle, <i>Chelonia mydas</i>. Washington, D.C: National Marine Fisheries Service. 52. |
| <i>Caretta caretta</i> | ☒ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Argano, R., et al., 1992 - Nuovi dati sugli spostamenti di tartaruga marina comune (<i>Caretta caretta</i>) in Mediterraneo. <i>Boll. Mus. Ist. biol. Univ. Genova.</i>, 56 (57): p. 137-164. • Bjorndal KA, AB Bolten & HR Martins 2000. Somatic Growth Model of Juvenile Loggerhead Sea Turtles: Duration of the Pelagic Stage. <i>Marine Ecology Progress Series</i> 202:265-272. • Bolten, A.B., Martins, H.R.; Bjorndal, K.A.; Gordon, J. 1993. Size distribution of pelagic-stage loggerhead sea turtles (<i>Caretta caretta</i>) in the waters around Azores and Madeira. - <i>Arquipélago. Life and Marine Sciences</i> 11A: 49-54. • Bolten, A.B.; Bjorndal, K.A.; Martins, H.R.; Dellinger, T.; Biscoito, M.J.; Encalada, S.E.; Bowen, B.W: 1998. Transatlantic developmental migrations of Loggerhead Sea Turtles demonstrated by mtDNA sequence analysis. <i>Ecological Applications</i> 8(1): 1-7. • Bowen, B.W., 1996 - Comparative biogeography of the green turtle (<i>Chelonia mydas</i>) and the loggerhead turtle (<i>Caretta caretta</i>) as inferred from mtDNA sequence comparisons. In Proceedings of the international symposium on sea turtle conservation genetics. Miami, Florida: <i>NOAA Technical Memorandum</i> • Caldwell, D.K.; Carr, A., 1959 - The Atlantic loggerhead sea turtle, <i>Caretta caretta caretta</i> (L.), in America. <i>Bulletin of the Florida State Museum, Biological Sciences</i>, 4 (10): p. 293-294. • Camiñas, J.A.; de la Serna, J.M 1995 - The loggerhead distribution in the western Mediterranean Sea as deduced from captures by the Spanish long line fishery. <i>Scientia Herpetologica.</i>, 1995: 316-323. • Collard, S.B.; Hansknecht, T.J., 1990 - <i>Caretta caretta</i> loggerhead sea turtle. <i>Herpetological Review</i>, 21 (3): p. 60. • Dellinger, T., 2000 - Conservation support project for North Atlantic <i>Caretta caretta</i> sea turtles - Life Nature Project contract no. B4-3200/96/541 (Life96Nat/P/3019). Final Technical Activity Report. Commission of the European |

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| | | | | | <p>Communities DGXI. p. 56.</p> <ul style="list-style-type: none"> • Ehrhart, L.M. 1989 - Status report of the loggerhead turtle. <i>In Proceedings of the Second Western Atlantic Turtle Symposium</i>. NOAA Technical Memorandum. • Ferreira, R.L., H.R.Martins, A.A da Silva & A.B. Bolten 2001. Impact of Swordfish fisheries on sea turtles in the Azores. <i>Arquipélago</i>. Life and Marine Sciences 18A: 75-79. • Fretey, J., Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa. Convention on Migratory Species, ed. C.T.S.P. n°6. 2001: CMS/FRETEY 2001. 1-428 • Groombridge, B., 1990 - Marine turtles in the Mediterranean: distribution, population status, and conservation. A report to the Council of Europe Environment and Management Division. <i>Nature and Environment Series</i>, 48: p. 1-99. • Machado, A., Marine turtles in the Mid-Atlantic Islands. <i>contract no. B3-B6610/88/59</i>. 1989, Commission of the European Communities DGXI. p. 11. • National Marine Fisheries Service and U.S. Fish Wildlife Service, 1991- Recovery plan for U.S. population of loggerhead turtle, <i>Caretta caretta</i>. Washington, D.C.: National Marine Fisheries Service. 64. • Campos, S.M. 2004 - Tartarugas marinhas na costa portuguesa. Análise dos padrões de distribuição e ocorrência das principais espécies. Estágio de Licenciatura, Univ. Évora: 78pp. |
| <i>Eretmochelys imbricata</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Brongersma, L.D., 1972 - European Atlantic turtles. <i>Zoologische Verhandelingen</i>, 121: p. 1-318. • Groombridge, B., 1990 - Marine turtles in the Mediterranean: distribution, population status, and conservation. A report to the Council of Europe Environment and Management Division. <i>Nature and Environment Series</i>, 1990. 48: p. 1-99. • Groombridge, B.; Luxmoore, R. 1990 - The green turtle and hawksbill (Reptilia: Cheloniidae): world status, exploitation and trade. <i>Copeia</i>, 1990 (3): 898-900. • Márquez M., R., 1990 - Sea turtles of the World: an annotated and illustrated catalogue of sea turtle species known to date. FAO species catalogue Vol. 11. <i>FAO Fish. Synop.</i> 125(11): p. 1-81. • Mateo, J.A.; Andreu, A.C.; López-Jurado, L.F., 1997 - Las tortugas marinas de la Península Ibérica, Baleares, Azores, Madeira y Canarias: Introducción, in <i>Distribución y Biogeografía de los Anfibios y Reptiles en España y Portugal.</i>, J.M. |

| Species | Range State | Not a Range State | Extinct | No information available | Published distribution reference |
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| | | | | | <p>Pleguezuelos and J.P. Martínez-Rica, Editors., <i>Monografías de Herpetología</i>, Volumen 3, Colección Monográfica Tierras del Sur, Universidad de Granada, Asociación Herpetológica Española: Granada. p. 433-450.</p> <ul style="list-style-type: none"> Witzell, W.N., 1983 - Synopsis of Biological Data on the Hawksbill Turtle, <i>Eretmochelys imbricata</i> (Linnaeus, 1766). <i>FAO Fisheries Synopsis</i>, 137: p. 78. |
| <i>Lepidochelys kempii</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> Bolten, A.B.; Martins, H.R., 1990 - Kemp's Ridley captured in the Azores. <i>Marine Turtle Newsletter</i>: 23. Bowen, B.W., et al. - 1998 - Global phylogeography of the ridley sea turtles (<i>Lepidochelys</i> spp.) as inferred from mitochondrial DNA sequences. <i>Genetica</i>, 101: 179-189. Brongersma, L.D., 1972 - European Atlantic turtles. <i>Zoologische Verhandelingen</i>, 121: 1-318. Brongersma, L.D.; Carr, A. 1983 - <i>Lepidochelys kempii</i> (Garman) from Malta. Koninkl. Nederl. Akademie van Wetenschappen Amsterdam, Proceedings, C 86: 445-454. Delaugerre, M., 1987 - Statut des tortues marines de la Corse (et de la Méditerranée). <i>Vie Milieu</i>, 37 (3-4): 243-264. Groombridge, B., 1990 - Marine turtles in the Mediterranean: distribution, population status, and conservation. A report to the Council of Europe Environment and Management Division. <i>Nature and Environment Series</i>, 48: 1-99. Márquez M., R., 1990 - Sea turtles of the World: an annotated and illustrated catalogue of sea turtle species known to date. <i>FAO species catalogue</i> Vol. 11. <i>FAO Fish. Synop.</i> 125(11): 1-81. Turtle Expert Working Group, 1998 - An assessment of the Kemp's ridley (<i>Lepidochelys kempii</i>) and loggerhead (<i>Caretta caretta</i>) sea turtle populations in the western North Atlantic. NOAA Technical Memorandum, NMFS-SEFSC-409: 1-96. |
| <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"/> | <ul style="list-style-type: none"> Brongersma, L.D., 1972 - European Atlantic turtles. <i>Zoologische Verhandelingen</i>, 121: 1-318. Crespo, J.; Camiñas, J.A.; Rey, J.C. 1988 - Considérations sur la présence de Tortues Luth, <i>Dermochelys coriacea</i> (Linnaeus, 1758), dans la Méditerranée occidentale. <i>Rapp. Comm. int. Mer Médit.</i>, 31 (2): 284 pp. Ferreira, R.N.L.; Martins, H.R.; Silva, A.A.; Bolten, A.B., 2001 - Impact of swordfish fisheries on sea turtles in the Azores. <i>Arquipélago - Life and Marine Sciences</i>, 18A: 75-79. |

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| | | | | | <ul style="list-style-type: none"> • Fretey, J., 2001 - Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa. Convention on Migratory Species, ed. C.T.S.P. n°6. 2001: CMS/FRETEY. 428 pp. • Groombridge, B., 1990 - Marine turtles in the Mediterranean: distribution, population status, and conservation. A report to the Council of Europe Environment and Management Division. <i>Nature and Environment Series</i>, 48: 99 pp. • Schroeder, B.A.; Thompson, N.B., 1987 - Distribution of the loggerhead turtle, <i>Caretta caretta</i>, and the leatherback turtle, <i>Dermochelys coriacea</i>, in the Cape Canaveral, Florida area, USA: results of aerial surveys. In Ecology of East Florida Sea Turtles. <i>Proceedings of the Cape Canaveral, Florida, Sea Turtle Workshop</i>. Miami, Florida: NOAA Technical Report. • Spotila, J.R., et al., 1996 - Worldwide population decline of <i>Dermochelys coriacea</i>: are leatherback turtles going extinct? <i>Chelonian Conservation and Biology</i>, 2 (2): 209-222. • Campos, S.M. 2004 - Tartarugas marinhas na costa portuguesa. Análise dos padrões de distribuição e ocorrência das principais espécies. Estágio de Licenciatura, Univ. Évora: 78pp. |
| <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"/> | |
| <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 nudiiventris</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 type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Franca, M.L.P.; Costa, F.C. & Lopes, M.F.R. 1987 - Contribuição para o |

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| | | | | | <p>conhecimento da pesca no rio Guadiana, em particular no baixo Guadiana. <i>Publ. avulsas INIP</i> 11, 67 pp. il.</p> <ul style="list-style-type: none"> • Almasça, C. 1988 - Fish and their environment in large european river ecosystems Tejo and Guadiana. <i>Sciences de l' eau</i> 7 (1): 3-19. • Almasça, C. 1988 - On the sturgeon, <i>Acipenser sturio</i>, in the portuguese rivers and sea. <i>Folia Zoologica</i> 37 (2): 183-191. • Almasça, C. 1990 - A lampreia e o esturção na bacia do Douro. 1º Cong. Int. sobre o Rio Douro. 25.4.-2.5.86. Vila Nova de Gaia. <i>Observatório</i> 1: 377-382. • Almeida, L.G.A. 1990 - A riqueza ecológica da Bacia do Douro e seus afluentes em vias de extinção. 1º Cong. Int. sobre o Rio Douro. 25.4.-2.5.86. Vila Nova de Gaia. <i>Observatório</i> 1: 43-60. • Assis, C.A. 1990 - Threats to the survival os anadromous fishes in the River Tagus, Portugal. <i>J. Fish Biology</i> 37 (supplement A): 225-226. • Elvira B, Almodovar A & Lobon Cervia J (1991). Recorded distribution of sturgeon (<i>Acipenser sturio</i> L., 1758) in the Iberian Peninsula and actual status in Spanish waters. <i>Archiv für Hydrobiologie</i> 121: 253-258. • Assis, C.; Costa, J.L.; Costa, M.J.; Moreira, F.; Almeida, P. & Gonçalves, J. 1992 - Ameaças à sobrevivência dos peixes migradores do Tejo. Sugestões para a sua conservação. Col. Conservação dos Recursos Vivos Marinhos. 1989 Lisboa. <i>Pub. Avulsas do INIP</i> 17: 429-441. • Garrido-Ramos MA, Soriguer MC, Herrán R, Jamilena M, Ruiz-Rejón C, Domezain A, Hernando JA & Ruiz-Rejón M 1997 - Morphometric and genetic analysis as proof of the existence of two sturgeons species in the Guadalquivir River. <i>Marine Biology</i> 129: 33-39. • Hernando JA, Vasil'eva ED, Arlati G, Vasil'ev VP, Santiago JA, Belysceva L, Domezain A & Soriguer MC 1999 - . New proof for the historical presence of two European sturgeons in the Iberian Peninsula: <i>Huso huso</i> (Linnaeus 1758) and <i>Acipenser naccarii</i> (Bonaparte 1836). <i>Journal of Applied Ichthyology</i> 15: 280-281. • Almasça C & Elvira B 2000 - Past and present distribution of <i>Acipenser sturio</i> L., 1758 on the Iberian Peninsula. <i>Boletín Instituto Español de Oceanografía</i> 16 (1-4): 11-16 • Doukakakis P, Birstein VJ, DeSalle R, Ludwig AN, Ludwig A, Machordom A, Almodóvar A & Elvira B 2000 - Failure to confirm previous |

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|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|
| | | | | | identification of two putative museum specimens of the Atlantic sturgeon, <i>Acipenser sturio</i> , as the Adriatic sturgeon, <i>A. naccarii</i> . <i>Marine Biology</i> 136: 373-377. <ul style="list-style-type: none"> • Elvira B & Almodóvar A 2000 - Further observations on the morphological characters of <i>Acipenser sturio</i> L., 1758 from the Iberian Peninsula: A comparison with North and Adriatic Sea populations. <i>Boletín Instituto Español de Oceanografía</i> 16 (1-4): 89-97. |
| <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"/> | |
| ORECTOLOBIFORMES | | | | | |
| <i>Rhincodon typus</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Santos, R. S., Porteiro, F. M., Barreiros, J. P. 1997 - Marine Fishes of the Azores – Annotated checklist and bibliography. <i>Arquipélago Life and Marine Sciences – Supplement 1</i>: 1-244. |
| LAMNIFORMES | | | | | |
| <i>Carcharodon carcharias</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> • Brum, J.M. 1992. Note on the presence of the great white shark <i>Carcharodon Carcharias</i> (Linnaeus, 1758) in the waters of São Miguel, Azores. <i>Açoreana</i> 7 (3): 517-521. |
| LEPIDOPTERA | | | | | |
| <i>Danaus plexippus</i> | <input checked="" type="checkbox"/> | <input 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 | |

| 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 | |
| | <input type="checkbox"/> Range State | <input type="checkbox"/> Extinct | |
| Order FALCONIFORMES, Family Accipitridae | | | |
| <i>Pernis apivorus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Elanus caeruleus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Cardoso, A.C. 2000 – Birds of the Guadiana Valley Natural Park [in portuguese]. ICN, Lisboa: 156 pp. • Leitão, D.; Tomé, R.; Costa, H. 2001 – Field survey of wintering raptors in mainland Portugal [in portuguese]. <i>Airo</i>, 11: 3-14. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp |
| <i>Milvus migrans</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Milvus milvus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Leitão, D.; Tomé, R.; Costa, H. 2001 – Field survey of wintering raptors in mainland Portugal [in portuguese]. <i>Airo</i>, 11: 3-14. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |

| Species | Range State | Extinct | Published distribution reference |
|------------------------------|---|----------------------------------|--|
| | | | <ul style="list-style-type: none"> • Fernandes E., Monteiro A., Dias C. & J. Ramos, 2002. Preferências ecológicas do Milhafre-real (<i>Milvus milvus</i>) no Planalto Mirandês/Parque Natural do Douro Internacional. Poster apresentado no 3º Congresso Nacional de Conservação da Natureza. Lisboa. • Monteiro, A.; Pacheco, C.; Fernandes, E.; Dias, C.; Jambas, J.; Silva, R.; Miguel, L.; Berliner, A. & Silva, L., 2001. Situação demográfica e conservação do Milhafre Real em Portugal. Relatório Interno – Instituto de Conservação da Natureza. • Fernandes, E.; Monteiro, A. and Ramos, J.. 2002. Censo e caracterização do habitat de nidificação de Milhafre-real <i>Milvus milvus</i> no Planalto Mirandês/Parque Natural do Douro Internacional. <i>Airo</i> 12: 51-55. |
| <i>Neophron percnopterus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Monteiro A., 1995. Situação populacional, biologia da reprodução e ecologia do Abutre do Egipto, <i>Neophron percnopterus</i> na região do Alto-Douro. Relatório de estágio da Licenciatura em Biologia-Recursos Faunísticos e Ambiente. Lisboa. 54 pp. • Rosa G, Monteiro A., Pacheco C. & A. Berliner, 1999. A situação do Abutre do Egipto <i>Neophron percnopterus</i> em Portugal: recenseamento da população nidificantes (1997). <i>Airo</i> 10: 14-21. • Silva, L.; Pais, MC.; Safara, J. 1996 – Recent data on the situation of the Black Vulture in Portugal. R.R.F. 2nd International Conference on Raptors. Urbino, Italy. |
| <i>Gyps fulvus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Cardoso, A.C. 2000 –Birds of the Guadiana Valley Natural Park [in portuguese]. ICN, Lisboa: 156 pp. • Leitão, D.; Tomé, R.; Costa, H. 2001 – Field survey of wintering raptors in mainland Portugal [in portuguese]. <i>Airo</i>, 11: 3-14. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp • Berliner, A; C. Pacheco & A. Monteiro. 2001. Censo de Grifo em Portugal in del Moral & Ramón. I Censo Ibérico de Buitre leonado <i>Gyps fulvus</i> coordinado, 1999. Monografia nº 7 SEO. • Monteiro, A. & I. Timóteo. 1994. Relações entre os efeitos pecuários e as necessidades tróficas das populações nidificantes de grifo (<i>Gyps fulvus</i>) em Portugal. Actas do Congresso Sobre Efectos dos Ecossistemas Agrícolas e Silvícolas. Liga para a Protecção da Natureza. • Sanchez, 1988. Avifauna nidificante en “Las Arribes de Duero”. Biogeografía y evaluación ornitológica para su conservación. Relatório de licenciatura. Facultad de Biología. Salamanca. 100 pp. • Berliner, A. 1997. <i>O Grifo Gyps fulvus no Nordeste de Portugal</i>. Relatório de estágio da Licenciatura de Biologia Aplicada aos Recursos Naturais. Faculdade de Ciências da Universidade de Lisboa. • Monteiro, A.; A. Berliner A. Carvalho & A. Araújo. 1996. <i>Situação populacional e distribuição do Grifo Gyps fulvus em Portugal, no ano de 1996</i>. Actas do 1º Congresso de Ornitologia da Sociedade Portuguesa para o Estudo das Aves (SPEA). Farinha, J. C.; J. Almeida & H. Costa (Eds.). SPEA. |

| Species | Range State | Extinct | Published distribution reference |
|---------------------------|---|----------------------------------|--|
| | | | Vila Nova de Cerveira. <ul style="list-style-type: none"> • Pacheco, C. & Monteiro, P. (<i>in press</i>) <i>First breeding record of Ruppell's Vulture Gyps rueppellii in the Western Palearctic.</i> |
| <i>Aegypius monachus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Cardoso, A.C. 2000 –Birds of the Guadiana Valley Natural Park [in portuguese]. ICN, Lisboa: 156 pp. • Leitão, D.; Tomé, R.; Costa, H. 2001 – Field survey of wintering raptors in mainland Portugal [in portuguese]. <i>Airo</i>, 11: 3-14. |
| <i>Circaetus gallicus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Leitão, D.; Tomé, R.; Costa, H. 2001 – Field survey of wintering raptors in mainland Portugal [in portuguese]. <i>Airo</i>, 11: 3-14. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Circus aeruginosus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Costa, H.; Santos, B.; Leitão, D.; Catry, P. 1993 – Marsh Harrier <i>Circus aeruginosus</i> in Tejo and Sado estuaries [in portuguese]. <i>Airo</i> 4 (1): 1-6. • Fernandes, C. 1998 – The Marsh Harrier <i>Circus aeruginosus</i> in the Ria de Aveiro: habitat use when foraging during the breeding season [in portuguese]. <i>Airo</i>, 9 (1/2): 5-9. • Leitão, D.; Tomé, R.; Costa, H. 2001 – Field survey of wintering raptors in mainland Portugal [in portuguese]. <i>Airo</i>, 11: 3-14. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Rosa, G.; Leitão, D.; Mendes, C.; Courinha, F.; Costa, H.; Pacheco, C.; Pereira, J. 2001 – Status of the Marsh Harrier <i>Circus aeruginosus</i> in Portugal: survey of the wintering population (1998/99). [in portuguese]. <i>Airo</i>, 11: 23-27. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Circus cyaneus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Leitão, D.; Tomé, R.; Costa, H. 2001 – Field survey of wintering raptors in mainland Portugal [in portuguese]. <i>Airo</i>, 11: 3-14. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Cyrcus pygargus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Cardoso, A.C. 2000 –Birds of the Guadiana Valley Natural Park [in portuguese]. ICN, Lisboa: 156 pp |

| Species | Range State | Extinct | Published distribution reference |
|---------------------------|---|----------------------------------|---|
| | | | <ul style="list-style-type: none"> • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Franco, A.; Malico, I.; Martins, H.; Sarmiento, N. 1998 – Some data on the diet of the Montagu's Harrier <i>Circus pygargus</i> in Castro Verde [in portuguese]. <i>Airo</i>, 9 (1/2): 49-53. |
| <i>Accipiter gentilis</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Leitão, D.; Tomé, R.; Costa, H. 2001 – Field survey of wintering raptors in mainland Portugal [in portuguese]. <i>Airo</i>, 11: 3-14. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. |
| <i>Accipiter nisus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Buteo buteo</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Leitão, D.; Tomé, R.; Costa, H. 2001 – Field survey of wintering raptors in mainland Portugal [in portuguese]. <i>Airo</i>, 11: 3-14. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Aquila adalberti</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Catry, P. 1999 – Aves nidificantes possivelmente extintas em Portugal continental. Revisão e síntese da informação disponível. <i>Airo</i> 10:1-13. • Blanco, H. & Pacheco, C. 2003 – O regresso da Águia Imperial Ibérica (<i>Aquila adalberti</i>) como nidificante em Portugal. Actas 3º Congresso de Ornitologia, SPEA, Aveiro. |
| <i>Aquila chrysaetos</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Cardoso, A.C. 2000 – Birds of the Guadiana Valley Natural |

| Species | Range State | Extinct | Published distribution reference |
|---|---|----------------------------------|---|
| | | | <p>Park [in portuguese]. ICN, Lisboa: 156 pp</p> <ul style="list-style-type: none"> • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Pimenta, M.; Santarém, M.L. 1996 – <i>Atlas of the birds of Peneda-Gerês National Park</i> [in portuguese]. ICN, PNPG, Porto: 318 pp. • Rosa, G.; Pombal, E.; Monteiro, A.; Pacheco, C. 2001 – Status and evolution of the Golden Eagle <i>Aquila chrysaetus</i> in Portugal: breeding population survey (1997). <i>Airo</i>, 11 29-36. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Pombal, E., 1989. A necessidade de áreas protegidas para a conservação da Águia real <i>Aquila chrysaetos</i> em Portugal. II Congresso de áreas protegidas, 145-151. SNPRCN. Lisboa. • Fráguas B., 2002. A Águia de Bonelli e a Águia-real no Nordeste de Portugal – resultados de um estudo de r-seguimento. CIBIO. Universidade do Porto. • Monteiro A. & C. Pacheco, 2003. Censo Nacional da Águia-real - 2001. Relatório não publicado. Instituto da Conservação da Natureza. • Sanz-Zuasti J., 2001. Radio-seguimiento de Águila perdicera e Águia real en el Parque Natural de Arribdes del Duero (Zamora) – Informe final. Servicio Territorial de Médio Ambiente de Zamora. Junta de Castilla y León.. |
| <i>Hieraaetus pennatus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. |
| <i>Hieraaetus fasciatus</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Cardoso, A.C. 2000 –Birds of the Guadiana Valley Natural Park [in portuguese]. ICN, Lisboa: 156 pp • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Cangarato, R. & Pais, M. 2005. Plano de emergência para o núcleo da Águia de Bonelli da Serra de Monchique. Centro de Estudos da Avifauna Ibérica. Rel. não publicado. |
| Order FALCONIFORMES, Family Falconidae | | | |
| <i>Falco naumanni</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp. • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Rocha, P.; Araújo, A.; Cruz, C. 1996 - A evolução das populações portuguesas de Francelho-das-Torres <i>Falco naumanni</i>. In Farinha, J.C.; Almeida, J.; Costa, H. (Eds.) I Congresso da Sociedade Portuguesa para o Estudo das Aves (SPEA). Vila Nova de Cerveira, 1-3 Novembro 1994: 97-98. • Rocha, P.A. 1998 – Diet and foraging behaviour of the Lesser Kestrel <i>Falco naumanni</i>. <i>Airo</i> 9 (1/2): 40-47. |

| Species | Range State | Extinct | Published distribution reference |
|--------------------------|---|----------------------------------|---|
| | | | <ul style="list-style-type: none"> • Palma, L.; Onofre, N.; Pombal, E. 1999 – Revised distribution and status of diurnal birds of prey in Portugal. <i>Avocetta</i>, 23 (2): 3-18. • Pacheco, C.; Rosa, G.; Blanco, H.; Monteiro, P. 1999 – Population and distribution of some cliff nesting birds in the Tejo river basin in 1997 [in portuguese]. <i>Airo</i>, 10: 22-31. • Reis, S. 2000 – Selection of the hunting habitat by the Lesser Kester (<i>Falco naumanni</i>) at Mértola colony [in portuguese]. Unpublished report. ICN / PNVG. • Cardoso, A.C. 2000 –Birds of the Guadiana Valley Natural Park [in portuguese]. ICN, Lisboa: 156 pp • Leitão, D.; Tomé, R.; Costa, H. 2001 – Field survey of wintering raptors in mainland Portugal [in portuguese]. <i>Airo</i>, 11: 3-14. • Rocha, P.A.; Catry, I.; Reis, S. 2001 – Censo nacional do francelho-das-torres <i>Falco naumanni</i>. Actas 3º Congresso Ornitologia da SPEA. Castelo Branco • Rocha, P.A.; Catry, I.; Reis, S. 2002 – Censo nacional do francelho-das-torres <i>Falco naumanni</i>. <i>Airo</i> 12: 3-9. • Franco, A.M.A. 2003 – Habitat selection and breeding ecology of lesser kestrels <i>Falco naumanni</i>: implications for conservation. Thesis for the degree of Doctor of Philosophy. University of East Anglia: 123pp. • Alcazar, R.; Cordeiro, A.; Catry, I.; Reis, S.; Franco, A. & Rocha, P. 2004 – Projecto de Recuperação do Peneireiro-das-torres (<i>Falco naumanni</i>) em Portugal. Livro de Actas das II Jornadas Ambientais de Castro Verde, Castro Verde: pp. 23-31. • Cordeiro, A.; Neves, R.; Alcazar, R.; Catry, I.; Franco, A.; Rocha, P. & Palmeirim, J. 2004 – Lesser Kestrel (<i>Falco naumanni</i>) habitat selection in Portugal: implications for management measures establishment. Proceedings of the International Symposium on Ecology and Conservataion of Steppe Land Birds. Lerida, Spain, pp 169. • Neves, R.; Cordeiro, A.; Palmeirim, J.; Franco, A. & ALcazra, R. 2004 – Selecção de habitat de alimentação por Peneireiro-das-torres (<i>Falco naumanni</i>) através de radiotelemetria. Livro de resumos do 9º Encontro Nacional de Ecologia da SPECO, p 35. • Catry, I.; Reis, S.; Alcazar, R.; Cordeiro, A.; Rocha, P. & Franco, A. 2004 – Será o aumento da disponibilidade de locais de nidificação uma medida de gestão eficaz para a recuperação do Francelho em Portugal? <i>Airo</i>, 14: 21-28. • Franco, A.; Catry, I.; Sutherland, W.J. & Palmeirim, J. 2004 – Do different habitat preference survey methods produce the same conservation recommendations for Lesser Kestrels? <i>Animal Conservation</i> (2004) 7: 291-300. |
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|---|---|----------------------------------|---|
| | | | Lisboa: 215pp. |
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| <i>Muscicapa striata</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp |
| <i>Ficedula hypoleuca</i> | <input checked="" type="checkbox"/> Range State | <input type="checkbox"/> Extinct | <ul style="list-style-type: none"> • Travassos, P.J.; Faria, P.P. 1996 – Atlas de Aves do Parque Natural do Alvão. Parque Natural do Alvão, Vila Real. • Rufino, R. (coord.) 1989 – <i>Atlas of the birds breeding in mainland Portugal</i> [in portuguese]. CEMPA, SNPRCN, Lisboa: 215pp |