

2014 NATIONAL REPORT OF PARTIES ON THE IMPLEMENTATION OF THE CONVENTION ON THE CONSERVATION OF MIGRATORY SPECIES OF WILD ANIMALS

The deadline for submission of the reports is 1 May 2014. The reporting period is 15 June 2011 to 1 May 2014.

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

Reporting format agreed by the Standing Committee at its 40th Meeting (Bonn, November 2012) for mandatory use by Parties, for reports submitted to the Eleventh Meeting of the Conference of the Parties (COP11) 2014.

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

COP Resolution 9.4 adopted at Rome called upon the Secretariats and Parties of CMS Agreements to collaborate in the implementation and harmonization of online reporting implementation. The CMS Family Online Reporting System (ORS) has been successfully implemented and used by AEWA in their last Meeting of the Parties (MOP 5, 2012) reporting cycle. CMS now offers the Convention's Parties to use the ORS for submitting their national reports for the COP11 (2014) reporting cycle.

Please enter here the name of your country

> Republic of Estonia

You have attached the following Web links/URLs to this answer.

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

> Ministry of the Environment

You have attached the following Web links/URLs to this answer.

Ministry of the Environment

Please list any other agencies that have provided input

> Environmental Board

You have attached the following Web links/URLs to this answer.

Environmental Board

I(a). General Information

Please enter the required information in the table below:

Party

Date of entry into force of the Convention in your country

> 1.10.2008

Period covered

> 15 June 2011 to 1 May 2014

Territories to which the Convention applies

> Estonia

Designated National Focal Point

Full name of the institution

> Ministry of the Environment

Name and title of designated Focal Point

> Üllar Rammul, Senior Officer of the Nature Conservation Department

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Appointment to the Scientific Council

Full name of the institution

> Environmental Board, Nature Conservation Department

Name and title of contact officer

> Agu Leivits, chief specialist on biodiversity

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Submission

Name and Signature of officer responsible for submitting national report

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Date of submission
> 23.04.2014

Membership of the Standing Committee (if applicable):

Name:
> No membership

Address
> No membership

Tel
> No membership

Fax
> No membership

E-mail
> No membership

Implementation

Competent Authority:
> Ministry of the Environment

Relevant implemented legislation:
> Nature Conservation Act, Hunting Act, Fishing Act, Planning Act, Water Act

Other relevant Conventions/ Agreements (apart from CMS) to which your country is a Party:
> Convention on Wetlands of International Importance Especially as Waterfowl Habitat 1971 ("Ramsar Convention"), Convention on International Trade in Endangered Species of Wild Fauna and Flora 1973 (CITES), Convention on the Conservation of European Wildlife and Natural Habitats, 1979 ("Bern Convention"), Convention on Biological Diversity 1992, Council Directive of 2 April 1979 on the conservation of wild birds (79/409/EEC) ("Birds Directive"), Council Directive of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora (92/43/EEC)

National policy instruments (e.g. national biodiversity conservation strategy, etc.):
> Nature Conservation Action Plan 2013 - 2020 (includes CBD topics).

CMS Agreements/MoU

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

Wadden Sea Seals (1991)

Wadden Sea Seals (1991)

Non Range State

Membership of the Trilateral Seal Expert Group

Name
> Non Range State

Address
> Non Range State

Tel
> Non Range State

EUROBATS (1994)

EUROBATS (1994) Party**Appointed member of the Advisory Committee**

Name

> Triinu Tõrv

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ASCOBANS (1994)**ASCOBANS (1994)** Non-party Range State**AEWA (1999)****AEWA (1999)** Party**National Focal Point**

Name

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ACAP (2001)**ACAP (2001)** Non Range State**Gorilla Agreement (2008)****Gorilla Agreement (2008)** Non Range State**ACCOBAMS (2001)****ACCOBAMS (2001)** Non Range State**Birds of Prey (Raptors) MoU (2008)**

Birds of Prey (Raptors) MoU (2008)

 Non-signatory Range State**Sharks MoU (2010)**

Sharks MoU (2010)

 Non-signatory Range State**Involvement of other government departments/NGOs/private sector**

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

> Environmental Board, Environmental Agency, Environmental Inspectorate, Land Board, State Forest Centre

2. If more than one government department is involved, describe the interaction/relationship between these government departments:

> Ministry of the Environment, Nature Conservation Department - policy;
 Environmental Board - policy implementation (e.g. permits and limits, species action plans, management plans for protected areas, compensations schemes, nature education);
 Environmental Agency - monitoring and data holding and management;
 Environmental Inspectorate - processes environmental violations;
 Land Board - spatial information production, holding and access;
 State Forest Centre - practical actions for habitat management on state land, nature education;
 Estonian Agricultural Registers and Information Board - subsidies for semi-natural habitat management

3. Has a national liaison system or committee been established in your country?

No

4. List the main non-governmental organizations actively involved in activities/initiatives for the conservation of migratory species in your country, and describe their involvement:

> Estonian Ornithological Society - monitoring of migratory bird species, public awareness and nature education;
 Estonian Fund for Nature - voluntary habitat management, monitoring of bat species;

4a. Please provide detail on any devolved government/overseas territory authorities involved.

> No any involvement on on any devolved government/overseas territory authorities.

5. Describe any involvement of the private sector in the conservation of migratory species in your country:

> Filling contracts for for semi-natural habitat restoration and management.

6. Note any interactions between these sectors in the conservation of migratory species in your country:

> Volunteers engaged in bird counts and monitoring of migratory birds as well small-scale habitat management.

I(b). Information about involved Authorities

Identify the ministry, agency/department or organization that is responsible for leading actions relating to Appendix I species

1- Birds

> Environmental Board

2- Aquatic Mammals

> non-range state

3- Reptiles

> non-range state

4- Terrestrial Mammals

> Environmental Board (bats)

5- Fish

> non-range state

II. Appendix I species

1. BIRDS

1.1 General questions on Appendix I bird species

1. Is the taking of all Appendix I bird species prohibited by the national implementing legislation cited in Table I(a) (General Information)?

Yes

If other legislation is relevant, please provide details:

> Nature Conservation Act;

List of protected species I and II category

You have attached the following Web links/URLs to this answer.

[Nature Conservation Act](#)

[List of protected species I and II category](#)

1a. If the taking of Appendix I bird species is prohibited by law, have any exceptions been granted to the prohibition?

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):

> not applicable

2. Identify any obstacles to migration that exist in relation to Appendix I bird species:

By-catch

Electrocutation

Habitat destruction

Wind turbines

Pollution

2a. What actions are being undertaken to overcome these obstacles?

> Pilot study of by-catch and monitoring (oil)pollutions is important for protection *Polysticta stelleri*. Wintering areas are protected and there are fishing limitations according to protection rules. Electrocutation and wind turbines are cases of *Haliaeetus albicilla*. Electrocutation has little impact, it is the case for few breeding pairs and in those cases wires have been covered by special plastic tubes. Wind turbines is also case of *Anser erythropus*. During assessment of impact of wind turbine to nature the breeding and feeding areas of *Haliaeetus albicilla* and migration routes and feeding areas of *Anser erythropus* have been taken into account.

2c. What assistance, if any, does your country require in order to overcome these obstacles?

> No assistance required present time.

3a. What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger bird species beyond actions to prevent disruption to migrating behaviour?

> Legal protection of the main wintering, feeding, stop-over and breeding sites.

3b. Please report on the progress / success of the actions taken.

> Main wintering, feeding, stop-over and breeding areas are protected as Natura 2000 bird areas (SPA) and this network between different areas is effective to avoid disruption of migrating behaviour. Active management actions for habitats are planned and implemented (e.g. restoration and management of semi-natural stop-over sites for *Anser erythropus*).

1.2 Questions on specific Appendix I bird species

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

Species name: *Anser erythropus*

1. Please provide published distribution reference:

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

[Portal to the Lesser White-fronted Goose - by the Fennoscandian Lesser White-fronted Goose project Toming, M. 2011. The Lesser White-fronted Goose and its conservation in Estonia. *Hirundo Supplementum* 11, 62pp. Birds Directive article 12, Report on implementation measures for Estonia](#)

2a. Summarise information on population size (if known):

stable

> 2008-2012: 18-34 in.

2b. Summarise information on distribution (if known):

stable

3. Indicate and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):

Research

Identification and establishment of protected areas

> All permanent stop-over sites are legally protected.

Monitoring

> Every year. Monitoring is funded by state environmental monitoring programme.

Education/awareness rising

> Publication review: Toming, M. 2011. The Lesser White-fronted Goose and its conservation in Estonia.

Hirundo Supplementum 11, 62pp.

Training of census makers.

Species protection

> Highest rank of national protection categories.

Control hunting / poaching

> Non-hunting species.

Habitat protection

> Regular habitat management scheme for stop-over habitats (semi natural grasslands)

Habitat restoration

> Restoration of seminatural grassland habitats as potential stop-over sites.

Other

> Species action plan for *Anser erythropus* for period 2009-2013 adopted by Ministry of Environment on 18.06.2009. New action plan under preparation.

5. Describe any future activities that are planned for this species:

> Management of semi-natural grasslands on stop-over sites. Annual monitoring of number of birds on main staging places.

Species name: *Branta ruficollis*

1. Please provide published distribution reference:

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Observations *Branta ruficollis* 0.01.2011-01.03.2014 in Estonia](#)

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

2a. Summarise information on population size (if known):

stable

> *Branta ruficollis* is regular migratory bird with few individuals per year

2b. Summarise information on distribution (if known):

stable

3. Indicate 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):

Identification and establishment of protected areas

> All known regular staging sites of *Branta ruficollis* are on protected areas.

Monitoring

> Collecting observations with on-line reporting system eBiodiversity

Species protection

> Legally protected species.

Control hunting / poaching

> Non-hunting species

Habitat protection

> Habitat management of semi-natural grasslands

Habitat restoration

5. Describe any future activities that are planned for this species:

> No special activities for protection are planned. Collection of observation of the staging birds.

Species name: Aythya nyroca

1. Please provide published distribution reference:

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Observations Aythya nyroca 0.01.2011-01.03.2014 in Estonia.](#)

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26\(2\): 80-112.](#)

2a. Summarise information on population size (if known):

not known

> *Aythya nyroca* is very rare visitor in Estonia.

2b. Summarise information on distribution (if known):

not known

4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?

> *Aythya nyroca* is very rare and irregular visitor in Estonia.

5. Describe any future activities that are planned for this species:

> No special activities for protection are planned. Collection of all observation of species occurrence.

Species name: Polysticta stelleri

1. Please provide published distribution reference:

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Observations Polysticta stelleri 0.01.2011-01.03.2014 in Estonia](#)

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26\(2\): 80-112.](#)

[Birds Directive article 12, Report on implementation measures for Estonia](#)

2a. Summarise information on population size (if known):

decreasing

> 2008-2012 number of wintering birds 800 - 2100 ind. During 2001-2012 decline 20-50%;

stable

2b. Summarise information on distribution (if known):

stable

3. Indicate and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):

Research

> Flight counts for identification the wintering sea

Identification and establishment of protected areas

> Occurrence of species is taken into account for designation protected areas

Monitoring

> Mid-winter waterfowl count (State Environmental Monitoring program)

Species protection

Habitat protection

> Main wintering areas are on protected areas

Other

> National Species Action Plan is in preparation.

Species name: *Haliaeetus albicilla*

1. Please provide published distribution reference:

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

[Birds Directive article 12, Report on implementation measures for Estonia](#)

2a. Summarise information on population size (if known):

increasing

> In 2001-2012 increase 50-70 %.. Number of breeding pairs 220-250 (2008-2012 estimate)

2b. Summarise information on distribution (if known):

increasing

> In 2001-2012 increase 20-50 %.

3. Indicate and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):

Research

> Colore ringing, satellite telemetry, breeding success, analyses of reasons of death, population genetic. Langguth, T., Honnen, A.-C., Hailer, F., Mizera, T., Skoric, S., Väli, Ü., Zachos, F. E. (2013). Genetic structure and phylogeography of a European flagship species, the white-tailed sea eagle (*Haliaeetus albicilla*). *Journal of Avian Biology*, 44, 263 - 271.

Identification and establishment of protected areas

> Species occurrence is taken into account for designation protected areas.

Monitoring

> All known nests are checked regularly.

Education/awareness rising

> Web cameras on winter feeding places and nesting sites are very popular for wide public audience.

Species protection

> All known nests are protected by Nature Conservation Act

Control hunting / poaching

> Non-hunting species

Habitat protection

> Protection zones for all known nests.

5. Describe any future activities that are planned for this species:

> Implementation of activities agreed in species action plan for *Haliaeetus albicilla* approved in 2013.

You have attached the following Web links/URLs to this answer.

Species action plan for *Haliaeetus albicilla* 2013-2017**Species name: *Aquila clanga***

1. Please provide published distribution reference:

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

[Birds Directive article 12, Report on implementation measures for Estonia](#)

2a. Summarise information on population size (if known):

increasing

decreasing

> In 2001-2012 increase 50-70 %.. Number of breeding pairs 5-10 (2008-2012 estimate)

2b. Summarise information on distribution (if known):

decreasing

3. Indicate and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):

Research

> Cross-breeding with *Aquila pomarina*, satellite tracking of migration routs and wintering areas.

ackström, N.; Väli, Ü. (2011). Sex- and species-biased gene flow in a spotted eagle hybrid zone. *BMC Evolutionary Biology*, 11, 100

Väli, Ü. (2011). Numbers and hybridisation of spotted eagles in Estonia as revealed by country-wide field observations and genetic analysis. *Estonian Journal of Ecology*, 60, 143 - 154.

Identification and establishment of protected areas

> Species occurrence is taken into account for designation protected areas.

Monitoring

> All known nests are checked every year.

Education/awareness rising

Species protection

> All known nests are protected by Nature Conservation Act.

Control hunting / poaching

Habitat protection

> Protection zones for all known nests.

5. Describe any future activities that are planned for this species:

> New national species action plan for *Aquila clanga* is under preparation. Ongoing study on hybridization of Greater Spotted Eagle and Lesser Spotted Eagle.

Species name: *Falco vespertinus*

1. Please provide published distribution reference:

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

[Observations *Falco vespertinus* 01.01.2011-01.04.2014 in Estonia.](#)

2a. Summarise information on population size (if known):

unclear

> Occasional rare breeding bird, mainly observed during irruption years.

2b. Summarise information on distribution (if known):

unclear

4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?

> Irregular manner of species' presence.

Species name: Calidris canutus rufa

1. Please provide published distribution reference:

> Non-range species for Estonia. Subspecies Calidris canutus rufa not found in Estonia.

You have attached the following Web links/URLs to this answer.

List of Estonian birds (Birdlife Estonia)

Species name: Emberiza aureola

1. Please provide published distribution reference:

> Non-range species for Estonia. Very rare vagrant, only 3 records during spring migration (the latest 1982).

You have attached the following Web links/URLs to this answer.

Eltis, J., Leito, A., Leivits, A., Luiquijõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112.

Estonian Rarities Committee Report 13.01.2014

2a. Summarise information on population size (if known):

unclear

2b. Summarise information on distribution (if known):

unclear

2. AQUATIC MAMMALS

2.1 General questions on Appendix I aquatic mammals

1. Is the taking of all Appendix I aquatic mammals species prohibited by the national implementing legislation cited in Table I(a) (General Information)?

Yes

2. Identify any obstacles to migration that exist in relation to Appendix I aquatic mammals:

By-catch

Pollution

3. What are the major pressures to Appendix I aquatic mammals species (transcending mere obstacles to migration)?

Pollution

By-catch

III. Appendix II Species

1. INFORMATION ON APPENDIX II SPECIES

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

EUROBATS (1994)

Date of last report:

> August 2010

You have attached the following Web links/URLs to this answer.

[Report on the implementation of the agreement in Estonia 2006-2010](#)

Period covered:

> September 2006-July 2010

AEWA (1999)

Date of last report:

> 14.01.2012

You have attached the following Web links/URLs to this answer.

[Report on the implementation of AEWA for the period 2009-2011](#)

Period covered

> 2009-2011

2. QUESTIONS ON CMS AGREEMENTS

Questions on the development of new CMS Agreements relating to Bird Species

1. In the current reporting period, has your country **initiated** the development of any CMS Agreements, including Memoranda of Understanding, to address the needs of Appendix II Bird Species ?

No

2. In the current reporting period, has your country **participated** in the development of any new CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II Bird Species ?

No

4. Is the development of any CMS Agreement for Bird Species, including Memoranda of Understanding, planned by your country in the foreseeable future?

No

Questions on the development of new CMS Agreements relating to Marine Mammal Species

1. In the current reporting period, has your country **initiated** the development of any CMS Agreements, including Memoranda of Understanding, to address the needs of Appendix II Marine Mammal Species ?

No

2. In the current reporting period, has your country **participated** in the development of any new CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II Marine Mammal Species ?

No

4. Is the development of any CMS Agreement for Marine Mammal Species, including Memoranda of Understanding, planned by your country in the foreseeable future?

No

Questions on the development of new CMS Agreements relating to Bat Species

1. In the current reporting period, has your country **initiated** the development of any CMS Agreements, including Memoranda of Understanding, to address the needs of Appendix II Bat Species ?

No

2. In the current reporting period, has your country **participated** in the development of any new CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II Bat Species ?

No

4. Is the development of any CMS Agreement for Bat Species, including Memoranda of Understanding, planned by your country in the foreseeable future?

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 not currently listed in Appendix II and could benefit from the conclusion of an Agreement for its conservation?

N.B.: States in which a species occurs as a vagrant (i.e. not "on its normal migration route") should not be treated as Range States. Please refer to Article 1 of the Convention for clarification.

No

1a. Is your country taking any steps to propose the listing of this/these species in Appendix II?

No

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

High

2. Are migratory species and their habitats addressed by your country's national biodiversity strategy or action plan?

Yes

2.1. If Yes, please indicate and briefly describe the extent to which it addresses the following issues:

Conservation, sustainable use and/or restoration of migratory species

Conservation, sustainable use and/or restoration of the habitats of migratory species, including protected areas

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)

Minimizing or eliminating barriers or obstacles to migration

Research and monitoring of migratory species

Transboundary co-operation

> Transboundary cooperation between Republic of Latvia (joint designation of protected areas, cooperation agreement and projects) and Russian Federation (projects) for conservation and management transboundary protected areas.

3. Does the conservation of migratory species currently feature in any other national or regional policies/plans (apart from CMS Agreements)

Yes

3.1. If Yes, please provide details:

> Nature Conservation Act

Nature Conservation Development Plan 2013 - 2020

3a. Do these policies/plans cover the following areas?

Exploitation of natural resources (e.g. fisheries, hunting, etc.)

Yes

Economic development

No

Land-use planning

No

Pollution control

Yes

If Yes, please provide details

> Development innovative monitoring approaches (LiDAR based) oil pollution monitoring. Preparation for implementation EU Marine Strategy Directive.

Designation and development of protected areas

Yes

If Yes, please provide details

> Designation of new protected sites, renewing protection regime, development of management plans for all protected sites (deadline 2020) and implementation of management plans.

Development of ecological networks

Yes

If Yes, please provide details

> Analysis of the efficiency of the ecological (green) network completed, additional measures in place (2020).

Planning of power lines

Yes

If Yes, please provide details

> Impact assessment of power line development, avoidance protected areas.

Planning of fences

No

Planning of dams

No

Other

No

V. Protected Areas

1. Are migratory species taken into account in the selection, establishment and management of protected areas in your country?

Yes

If Yes, please provide details:

> Implementation of European Union Bird and Habitat Directives based also for migratory species as conservation targets. Management Plans of Protected Areas based on conservation values including migratory species.

1a. Please identify the most important national sites for migratory species and their protection status:

> Matsalu National Park, Vilsandi National Park, Lahemaa National Park, Soomaa National Park, Alam-Pedja Nature Reserve, Peipsiveere Nature Reserve, Luitemaa Nature Reserve, Väinameri Limited Conservation Area, Nõva-Osmussaare Limited Conservation Area, Kura Kurk/Irbe Strait Limited Conservation Area, Gretagrund Limited Conservation Area, Pärnu Bay Limited Conservation Area, Kahtla-Kübassaare Limited Conservation Area, Pakri Limited Conservation Area,

1b. Do these protected areas cover the following areas?

Terrestrial

Yes

If Yes, please provide details and include the amount of protected areas coverage and the number of protected areas

> 18% of terrestrial areas (790 369 ha) are protected (31.12.2013)

Aquatic

Yes

If Yes, please provide details and include the amount of protected areas coverage and the number of protected areas

> 44% of aquatic (inland large lakes) areas (81 534 ha) are protected (31.12.2013)

Marine

Yes

If Yes, please provide details and include the amount of protected areas coverage and the number of protected areas

> 27% of marine areas (680 070 ha) are protected (31.12.2013)

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

> Estonian Environmental Board

2. Results - please describe the positive outcomes of any actions taken

> There are 66 SPA (total area 12 592 km²) and 542 SCI (total area 11 490 km²) forming Estonian Natura 2000 network, which is coherent for the migratory animal. 17 areas have status of Ramsar areas (during 2011-2013 one new Haapsalu-Noarootsi with area 29 380, which is extremely important for migratory waterbirds).

VI. Policies on Satellite Telemetry

1. In the current reporting period, has your country undertaken conservation/research projects that use satellite telemetry?

Yes

If yes what is the state of those projects

on-going

Please provide details

> *Ciconia nigra*, *Aquila clanga*, *Aquila pomarina*, *Pandion haliaetus*, *Haliaeetus albicilla*, *Grus grus*

You have attached the following Web links/URLs to this answer.

[Migration map for *Ciconia nigra*, *Aquila clanga*, *Aquila pomarina*, *Pandion haliaetus*, *Haliaeetus albicilla*, *Grus grus* - On-line migration routes of birds marked in Estonia with satellite telemetry trasmitters](#)

2. Are any future conservation/research projects planned that will use satellite telemetry?

Yes

If Yes, please provide details (including the expected timeframe for these projects):

> There are planned to use satellite telemetry in case of several migratory species according to national species action plans. Also review and recommendations (also prioritisation) to use satellite telemetry for conservation purposes in Estonia was ordered (will be ready 2015) by Environmental Board.

If No, please explain any impediments or requirements in this regard:

> There are cost related and technological restrictions (especially with animals with smaller body size) to use satellite telemetry.

3. Results - please describe the positive outcomes of any actions taken

> Leito, Aivar; Ojaste, Ivar; Pöder, Indrek; Sellis, Urmas (2013). The breeding Homerange and First Autumn Migration of two Offspring from a Crane brood in 2009. In: Proceedings of the VIIIth European Crane Conference: breeding, resting, migration and biology : 7th European Crane Conference; Stralsund, Germany; Oct. 14-17, 2010. (Eds.) Nowald, Günter; Weber, Alexander; Fanke, Jane; Weinhardt, Elke; Donner, Norman. Groß Mohrdorf, Germany: Crane Conservation Germany, 2013, 151 - 154.
 Väli, Ü; Sellis, U (2007). Occurrence of satellite-tracked Greater Spotted Eagles *Aquila clanga* from Estonia in the Sava River valley. *Ciconia*, 16, 95 - 95.
 Sellis, U.; Männik, R.; Väli, Ü. (2007). Maria on migration: a satellite-telemetrical study on spring and autumn migration of an Estonian osprey (*Pandion haliaetus*). *Hirundo*, 20, 1 - 13.

VII. Membership

1. Have actions been taken by your country to encourage non- Parties to join CMS and its related Agreements?

No

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.)

> No actions been taken by your country to encourage non- Parties to join CMS.

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

> No actions.

2. Results - please describe the positive outcomes of any actions taken

> No actions.

VIII. Global and National Importance of CMS

1. 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?

Yes

If Yes, please provide details:

> Regular educational trainings in Bird Ringing Stations (bird and bat migration), celebration of World Migratory Bird Day and International Wetlands Day, observation champagnes organized by Ornithological Society etc., environmental education programmes, websites and printed materials.

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

> Estonian Environmental Board, Estonian Ornithological Society, State Forest Centre, Estonian Environmental Agency, regional environmental education centres, universities, NGOs.

3. Results - please describe the positive outcomes of any actions taken

> Database about environmental education opportunities in Estonia, network of environmental education centres, media products etc.

You have attached the following Web links/URLs to this answer.

[Environmental education opportunities in Estonia](#)

[World Migratory Bird Day national information \(example\)](#)

IX. Mobilization of Resources

1. Has your country made financial resources available for conservation activities having direct benefits for migratory species in your country?

Yes

If Yes, please provide details (Indicate the migratory species that have benefited from these activities):

> All bats species (12), *Phoca vitulina*, *Halichoerus grypus*, *Cygnus columbianus*, *Anser erythropus*, *Anser anser*, *Polysticta stelleri*, *Ciconia nigra*, *Calidris alpina (schinzii)*, *Limosa limosa*, *Gallinago media*, *Philomachus pugnax*, *Charadrius hiaticula*, *Numenius arquata*, *Sterna caspia*, *Sterna sandvicensis*, *Sterna hirundo*, *Sterna paradisaea*, *Sterna albifrons*, *Chlidonias niger*, *Chlidonias niger*, *Grus grus*, *Crex crex*, *Porzana porzana*, *Botaurus stellaris*, *Pandion haliaetus*, *Circus aeruginosus*, *Aquila clanga*, *Aquila pomarina*, *Aquila chrysaetos*, *Accipiter gentilis*, *Ficedula parva*)

2. Has your country made voluntary contributions to the CMS Trust Fund to support requests from developing countries and countries with economies in transition?

No

If Yes, please provide details:

> not applicable

3. Has your country made other voluntary financial contributions to support conservation activities having direct benefits for migratory species in other countries (particularly developing countries)?

No

If Yes, please provide details (Indicate the migratory species that have benefited from these activities):

> not applicable

4. Has your country provided technical and/or scientific assistance to developing countries to facilitate initiatives for the benefit of migratory species?

No

If Yes, please provide details (Indicate the migratory species that have benefited from these activities):

> not applicable

5. Has your country received financial assistance/support from the CMS Trust Fund, via the CMS Secretariat, for national conservation activities having direct benefits for migratory species in your country?

No

If Yes, please provide details (Indicate the migratory species that have benefited from these activities):

> not applicable

6. Has your country received financial assistance/support from sources other than the CMS Secretariat for conservation activities having direct benefit for migratory species in your country?

Yes

If Yes, please provide details (Indicate the migratory species that have benefited from these activities):

> European Union European Regional Development Fund (ERDF): national species action plans for species Annex I & II species (e.g. all bats species, *Phoca vitulina*, *Halichoerus grypus*, *Cygnus columbianus*, *Anser erythropus*, *Anser anser*, *Polysticta stelleri*, *Ciconia nigra*, *Calidris alpina (schinzii)*, *Limosa limosa*, *Gallinago media*, *Philomachus pugnax*, *Charadrius hiaticula*, *Numenius arquata*, *Sterna caspia*, *Sterna sandvicensis*, *Sterna hirundo*, *Sterna paradisaea*, *Sterna albifrons*, *Chlidonias niger*, *Chlidonias niger*, *Grus grus*, *Crex crex*, *Porzana porzana*, *Botaurus stellaris*, *Pandion haliaetus*, *Circus aeruginosus*, *Aquila clanga*, *Aquila pomarina*, *Aquila chrysaetos*, *Accipiter gentilis*, *Ficedula parva*), management plans for protected areas important for migratory species, investments for habitat management in protected areas important for migratory species and wildlife rehabilitation (including rehabilitation of the oil-spill victims).
European Regional Development Fund (ERDF) ESTLAT programme "Eagles cross borders": *Haliaeetus albicilla* & *Pandion haliaetus*.

Innovative approaches for marine biodiversity monitoring and assessment of conservation status of nature values in the Baltic Sea ((MARMONI), LIFE 09 NAT/LV/000238; 2010 - 2015): marine waterbirds.

You have attached the following Web links/URLs to this answer.

"Eagles cross borders" funded by European Regional Development Fund (ERDF) ESTLAT programme funded by European Species action plans and protected area management plans funded by Regional Development

Fund (ERDF) 2011-2013 in Estonia

Innovative approaches for marine biodiversity monitoring and assessment of conservation status of nature values in the Baltic Sea ((MARMONI), LIFE 09 NAT/LV/000238; 2010 - 2015)

X. Implementation of COP Resolutions and Recommendations

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

Resolutions

Bycatch (incl. Recommendation) (6.2 / 7.2 / 8.14 / 9.18 / 10.14)

> Use of by-catch safe fishing gear in pilot project areas (Markus Vetemaa, Tartu University)

Method: Voluntary collaboration of fishermen, who provided information about drowned birds and circumstances of bycatch

You have attached the following Web links/URLs to this answer.

[Use of by-catch safe fishing gear in pilot project areas](#)

Oil Pollution and Migratory Species (7.3)

> Estonia has a state governed system to respond to oil spills under the direction of Ministry of the Environment. The practical action is coordinated by Estonian Rescue Board and Estonian Environmental Board with the help of local authorities. Estonian Environmental Board is responsible for cleaning birds affected by oil. Rescue Board is responsible for storing and transportation of the equipment needed for cleaning. In addition, there is equipment for cleaning birds affected by oil for quick response in three coastal localities. A NGO, Estonian Fund for Nature, coordinates voluntary based oil spill prevention work, including training programs for volunteers. Regular oil spill monitoring is coordinated by Ministry of Interior. Main components in oil spill monitoring are regular flights and satellite monitoring. Also monitoring project for dead oiled birds is running in frame state environmental monitoring programme.

Electrocution of Migratory Birds (7.4 / 10.11)

> When assessing bird mortalities due to the electric transmission lines, the electric transmission line densities should also be considered. Population density in Estonia is low (about 30 people/km²). About 70% of the population lives in urban areas (and 30% of the population lives in the capital). This means there is relatively small amount of electricity transmission facilities in Estonian nature, including important bird areas. There have been several actions to take appropriate cost-effective measures to reduce bird mortality from electric transmission facilities. Firstly, where economically possible the old air power lines have been replaced with under ground power lines and this work is continuing. When new big transmission networks are planned, environmental assessment is carried out and if environmental concerns are witnessed, mitigating measures are applied. Where possible, safer poles are used. Electrocution has little impact, mostly it is the case for breeding pairs and in those cases wires have been covered by special plastic tubes. The info of collisions and electrocutions of protected species is collected. As states the Conservation Act (§ 63) the person who finds a dead specimen of an animal species included in the protected category I or II shall immediately inform the Environmental Board. The Environmental Board keeps a registry of the of the protected species that are found dead. Injured animals are also the responsibility of the Environmental Board.

Wind Turbines and Migratory Species (7.5)

> Projects to establish wind turbine parks are subject to EIA procedure. Impacts on birds and bats are among the priorities evaluated. E.g. during the assessment of impact of wind turbine to the nature, the breeding and feeding areas of *Haliaeetus albicilla*, *Aquila pomarina*, *A. clanga* and migration routes and feeding areas of *Anser erythropus* have been taken into account. Development plan for 4 coastal West-Estonian regions is taking into account stopping areas and movement corridors for migratory species and potential development areas for wind energy are selected. Eesti Energia AS have been carried out 3-year bird migration study with X- and S-band radars for finding offshore areas suitable for development wind energy not disturbing bird migratory birds.

Estonia (Environmental Agency and Tartu University) is participating in European Network for the Radar surveillance of Animal Movement (ENRAM).

You have attached the following Web links/URLs to this answer.

[Development plan for windenergy fo 4 counites \(in Estonian\)](#)

[European Network for the Radar surveillance of Animal Movement \(ENRAM\)](#)

Migratory Species and Highly Pathogenic Avian Influenza (8.27 / 10.22)

> No any special activity.

Climate Change Impacts on Migratory Species (8.13 / 9.7 / 10.19)

> Development of network of protected areas to increase connectivity, restoration of habitats to increase resilience of ecosystems to climate changes, regular monitoring and research migratory animals and climate

change.

Marine Debris (10.4)

› Innovative monitoring scheme developed for monitoring marine debris in connection with implementing EU Marine Strategy Framework Directive..

Poisoning Migratory Birds (10.26)

› Since 01.06.2013 are lead shot for waterfowl hunting prohibited (new hunting law).

Adverse Anthropogenic Impacts on Cetaceans and other Biota (8.22 / 9.19 / 10.24)

› Not a Range State

Southern Hemisphere Albatross Conservation (6.3)

› Not a Range State

Impact Assessment and Migratory Species (7.2)

› EIA procedures according to Impact Assessment Law and EU Habitat Directive taking account occurrence and habitats of migratory species.

Antarctic Minke, Bryde's and Pygmy Right Whales (7.15)

› Not a Range State

Sustainable Use (8.1)

› Hunting species are intensively monitored for purpose their sustainable use.

Migratory Marine Species (9.9 / 10.15)

› All marine mammal species are protected in Estonia. In addition to protected areas species protection sites for seal species are established. Species action plan for seals is under preparation.

Saker Falcon (9.20 / 10.28)

› Not a Range State

Ecological Networks (10.3)

› Both the EU Habitats Directive and the EU's Biodiversity Strategy up to 2020 provide for the creation and implementation of a coherent green network such that biodiversity would be preserved on protected objects and outside their boundaries as well. In Estonia, the establishment of the green network was launched back in 1999 in the form of national plan and county thematic plans. The basic legislation for this network is the Planning Act, and the most important legal act enacted thereunder is Government of the Republic order no 763 of 1999, "Initiating thematic plans of county plans", which launched in all Estonian counties the thematic plan "Environmental conditions for guiding settlement and land use". This thematic plan is divided into two parts - "Green network plan" and "Valuable landscapes plan". Today these thematic plans have been established for all counties and work is under way at the municipal level. Even though things are not yet going that smoothly at the municipal level with regard to the green network plan and practical links with natural values require additional study and analysis, it must be said that this plan is an important and internationally pioneering administrative act. All the more so considering that the existence of a thematic plan gives Estonia a major edge over other countries with regard to ensuring coherence of the network of Natura 2000 areas

You have attached the following Web links/URLs to this answer.

[Estonian Nature Conservation in 2011](#) - p. 74 - 79: Planning and green network

[Map of the Estonian green network \(European Environment Agency\)](#)

Global Flyway Conservation (10.10)

› Protected area network and green network taking account the most important stopover site and movement corridors.

Migratory Landbirds in the African Eurasian Region (10.27)

› Long-term monitoring of number of breeding and migrating land birds, participation of ringing programmes (e.g. cooperation between bird observatories).

Cooperation with Other Bodies and Processes (7.9)

› CMS implemented in dense cooperation with EU Natura 2000 process (EU Habitat and Bird Directives). Migratory species are playing important role in preparation for implementation Marine Framework Directive.

Contribution of CMS in Achieving the 2010 Biodiversity Target (8.7)

› Restoration of habitats for migratory species.

Synergies and Partnerships / Cooperation with other Conventions (8.11 / 9.11 / 10.21)

> Cooperation with Ramsar Convention for protection wetlands and for designation new sites. Regional cooperation (e.g. Ramsar NorBalWet regional initiative).

Outreach and Communication Issues (9.5 / 10.7)

> Cooperation between different governmental institutions, universities, NGOs and wider public to improve awareness about CMS.

Capacity Building Strategy (9.12 / 10.6)

> Cooperation between different governmental institutions, universities, NGOs and wider public for conservation of migratory species.

Financial and Administrative Matters and Terms of Reference for the Administration of the Trust Fund (10.1)

> No any special activity.

Future strategies of the CMS Family / "Future Shape" (10.9)

> No any special activity.

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

> Not a Range State

Recommendation 8.17 - Marine Turtles

> Not a Range State

Recommendation 9.1 - Central Eurasian Aridland Mammals

> Not a Range State

Recommendation 9.2 - Sahelo-Saharan Megafauna

> Not a Range State

Recommendation 9.3 - Tigers and other Asian Big Cats

> Not a Range State

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

> Not a Range State

Other resolutions/recommendations:

> No comments.

Other remarks:

> No comments.

Annex: Updating Data on Appendix II Species

1. The drop-down lists below contain the list of all species listed in Appendix II. New Parties which have acceded since COP10 in 2011 and Parties which did not submit a National Report in time in 2011 are requested to complete the entire form.

Parties that did submit a timely report in 2011 are requested to review and update the data (e.g. new published distribution references and details concerning species added to Appendix II at COP9 and COP10).

Chiroptera

Vespertilionidae spp (European populations)

Please choose the one that applies.

Range State

Published distribution reference

> Habitats directive article 17 report 2007-2012 Estonia.

Gaviiformes

Gavia stellata (W. Palearctic)

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

Gavia arctica arctica

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Gavia arctica suschkini

Please choose the one that applies.

Not a Range State

Gavia immer immer (NW Europe)

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Gavia adamsii (W. Palearctic)

Please choose the one that applies.

Range State

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Podicipediformes**Podiceps grisegena grisegena**

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Podiceps auritus (W. Palaearctic)

Please choose the one that applies.

Range State

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Pelecaniformes**Phalacrocorax nigrogularis**

Please choose the one that applies.

Not a Range State

Phalacrocorax pygmeus

Please choose the one that applies.

Not a Range State

Pelecanus onocrotalus (W. Palaearctic)

Please choose the one that applies.

Not a Range State

Pelecanus crispus

Please choose the one that applies.

Not a Range State

Ciconiiformes**Botaurus stellaris stellaris (W. Palaearctic)**

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Ixobrychus minutus minutus (W. Palaearctic)

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Casmerodius albus albus (W. Palaearctic)

Please choose the one that applies.

Not a Range State

Ardea purpurea purpurea (Populations breeding in the W Palaearctic)

Please choose the one that applies.

Not a Range State

Ciconia nigra

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Ciconia ciconia

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Platalea leucorodia

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Anseriformes**Anatidae spp**

Please choose the one that applies.

Range State

Published distribution reference

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Falconiformes**Cathartidae. spp**

Please choose the one that applies.

Not a Range State

Pandion haliaetus

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Accipitridae spp

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

Falconidae spp

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

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Galliformes**Coturnix coturnix coturnix**

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Gruiformes

Porzana porzana (Populations breeding in the W Palaearctic)

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Porzana parva parva

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Porzana pusilla intermedia

Please choose the one that applies.

Not a Range State

Crex crex

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

Grus spp

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

Otis tarda

Please choose the one that applies.

Not a Range State

Charadriiformes

Recurvirostridae spp

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

Charadriidae spp

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

Scolopacidae spp

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

Sterna caspia (West Eurasian and African populations)

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Sterna sandvicensis sandvicensis

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

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Sterna hirundo hirundo (Populations breeding in the W Palaearctic)

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

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Sterna paradisaea (Atlantic population)

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

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Sterna albifrons

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Chlidonias niger niger

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

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Chlidonias leucopterus (West Eurasian and African populations)

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

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Columbiformes**Streptopelia turtur turtur**

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

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Coraciiformes

Merops apiaster

Please choose the one that applies.

Not a Range State

Coracias garrulus

Please choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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Passeriformes

Muscicapidae (s.l.) spp.

Please choose the one that applies.

Not a Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

You have attached the following Web links/URLs to this answer.

[Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](#)

Squaliformes

Squalus acanthias (Northern hemisphere populations)

Please choose the one that applies.

Extinct at National level

Published distribution reference

> eBiodiversity - web interface for the taxa found in Estonia
http://elurikkus.ut.ee/search_er.php?lang=eng

You have attached the following Web links/URLs to this answer.

[eBiodiversity - web interface for the taxa found in Estonia](#)

2. 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 indicate whether your country is a Range State or the species is extinct and, where appropriate, please provide published distribution references.

Order FALCONIFORMES, Family ACCIPITRIDAE

Accipiter gentilis

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Accipiter nisus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Aquila chrysaetos

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Aquila clanga

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Aquila pomarina

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Buteo buteo

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Buteo lagopus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Circaetus gallicus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Circus aeruginosus

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Circus cyaneus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Circus pygargus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Haliaeetus albicilla

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Milvus milvus

Published distribution reference

> .

Pernis apivorus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Order FALCONIFORMES, Family FALCONIDAE**Falco columbarius**

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Falco peregrinus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Falco subbuteo

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Falco tinnunculus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Falco vespertinus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Order PASSERIFORMES, Family MUSCICAPIDAE**Acrocephalus arundinaceus**

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Acrocephalus palustris

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Acrocephalus schoenobaenus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Acrocephalus scirpaceus

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Erithacus rubecula

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Ficedula albicollis

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Ficedula hypoleuca

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Ficedula parva

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Hippolais caligata

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Hippolais icterina

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Locustella fluviatilis

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Locustella luscinioides

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Locustella naevia

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Luscinia luscinia

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Muscicapa striata

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Oenanthe oenanthe

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Panurus biarmicus

Choose the one that applies.

Range State

Published distribution reference

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Phoenicurus ochruros

Choose the one that applies.

Range State

Published distribution reference

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Phoenicurus phoenicurus

Choose the one that applies.

Range State

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Phylloscopus collybita

Choose the one that applies.

Range State

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Phylloscopus sibilatrix

Choose the one that applies.

Range State

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Phylloscopus trochiloides

Choose the one that applies.

Range State

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Phylloscopus trochilus

Choose the one that applies.

Range State

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Regulus regulus

Choose the one that applies.

Range State

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Saxicola rubetra

Choose the one that applies.

Range State

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Sylvia atricapilla

Choose the one that applies.

Range State

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Sylvia borin

Choose the one that applies.

Range State

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Sylvia communis

Choose the one that applies.

Range State

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Sylvia curruca

Choose the one that applies.

Range State

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Sylvia nisoria

Choose the one that applies.

Range State

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Turdus iliacus

Choose the one that applies.

Range State

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Turdus merula

Choose the one that applies.

Range State

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Turdus philomelos

Choose the one that applies.

Range State

Published distribution reference

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Turdus pilaris

Choose the one that applies.

Range State

Published distribution reference

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Order ANSERIFORMES, Family ANATIDAE

Anas platyrhynchos

Choose the one that applies.

Range State

Published distribution reference

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Anas strepera

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Range State

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Anser albifrons

Choose the one that applies.

Range State

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Anser anser

Choose the one that applies.

Range State

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Anser erythropus

Choose the one that applies.

Range State

Published distribution reference

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Anser fabalis

Choose the one that applies.

Range State

Published distribution reference

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Aythya ferina

Choose the one that applies.

Range State

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Aythya fuligula

Choose the one that applies.

Range State

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Aythya marila

Choose the one that applies.

Range State

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Aythya nyroca

Choose the one that applies.

Range State

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Branta bernicla

Choose the one that applies.

Range State

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Branta leucopsis

Choose the one that applies.

Range State

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Bucephala clangula

Choose the one that applies.

Range State

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Clangula hyemalis

Choose the one that applies.

Range State

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Cygnus bewickii

Choose the one that applies.

Range State

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Cygnus cygnus

Choose the one that applies.

Range State

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Cygnus olor

Choose the one that applies.

Range State

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Melanitta fusca

Choose the one that applies.

Range State

Published distribution reference

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Melanitta nigra

Choose the one that applies.

Range State

Published distribution reference

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Mergellus albellus

Published distribution reference

> .

Mergus albellus

Choose the one that applies.

Range State

Published distribution reference

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Mergus merganser

Choose the one that applies.

Range State

Published distribution reference

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Mergus serrator

Choose the one that applies.

Range State

Published distribution reference

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Polysticta stelleri

Choose the one that applies.

Range State

Published distribution reference

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Tadorna tadorna

Choose the one that applies.

Range State

Published distribution reference

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Order CHARADRIIFORMES, Family RECURVIROSTRIDAE**Recurvirostra avosetta**

Choose the one that applies.

Range State

You have attached the following Web links/URLs to this answer.

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Published distribution reference

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Order CHARADRIIFORMES, Family CHARADRIIDAE**Charadrius hiaticula**

Choose the one that applies.

Range State

Published distribution reference

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Pluvialis apricaria

Choose the one that applies.

Range State

Published distribution reference

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Pluvialis squatarola

Choose the one that applies.

Range State

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Vanellus vanellus

Choose the one that applies.

Range State

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Order CHARADRIIFORMES, Family SCOLOPACIDAE

Arenaria interpres

Choose the one that applies.

Range State

Published distribution reference

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[http://www.eoy.ee/hirundo/file_Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26\(2\): 80-112.](http://www.eoy.ee/hirundo/file_Elts,_J.,_Leito,_A.,_Leivits,_A.,_Luigujõe,_L.,_Mägi,_E.,_Nellis,_Rein,_Nellis,_Renno,_Ots,_M.,_Pehlak,_H._2013._Status_and_numbers_of_Estonian_birds,_2008–2012._Hirundo_26(2):_80-112)

Calidris alba

Choose the one that applies.

Range State

Published distribution reference

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Calidris alpina

Choose the one that applies.

Range State

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Calidris canutus

Choose the one that applies.

Range State

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Calidris ferruginea

Choose the one that applies.

Range State

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Calidris maritima

Choose the one that applies.

Range State

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Calidris minuta

Choose the one that applies.

Range State

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Calidris temminckii

Choose the one that applies.

Range State

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Gallinago gallinago

Choose the one that applies.

Range State

Published distribution reference

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Gallinago media

Choose the one that applies.

Range State

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Limicola falcinellus

Choose the one that applies.

Range State

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Limosa lapponica

Choose the one that applies.

Range State

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Limosa limosa

Choose the one that applies.

Range State

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Lymnocyptes minimus

Choose the one that applies.

Range State

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Numenius arquata

Choose the one that applies.

Range State

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Numenius phaeopus

Choose the one that applies.

Range State

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Phalaropus lobatus

Choose the one that applies.

Range State

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Philomachus pugnax

Choose the one that applies.

Range State

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Scolopax rusticola

Choose the one that applies.

Range State

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Tringa erythropus

Choose the one that applies.

Range State

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Tringa hypoleucos

Choose the one that applies.

Range State

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Tringa nebularia

Choose the one that applies.

Range State

Published distribution reference

> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

Tringa ochropus

Choose the one that applies.

Range State

Published distribution reference

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Tringa totanus

Choose the one that applies.

Range State

Published distribution reference

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Order CHIROPTERA, Family VESPERTILIONIDAE (European populations)

Eptesicus nilssonii

Choose the one that applies.

Range State

Published distribution reference

> Habitats directive article 17 report 2007-2012 Estonia. <http://cdr.eionet.europa.eu/ee/eu/art17/envuc0mhq/>

You have attached the following Web links/URLs to this answer.

[Habitats directive article 17 report 2007-2012 Estonia](#)

Myotis brandtii

Choose the one that applies.

Range State

Published distribution reference

> Habitats directive article 17 report 2007-2012 Estonia

You have attached the following Web links/URLs to this answer.

[Habitats directive article 17 report 2007-2012 Estonia](#)

Myotis dasycneme

Choose the one that applies.

Range State

Published distribution reference

> Habitats directive article 17 report 2007-2012 Estonia

You have attached the following Web links/URLs to this answer.

[Habitats directive article 17 report 2007-2012 Estonia](#)

Myotis daubentonii

Choose the one that applies.

Range State

Published distribution reference

> Habitats directive article 17 report 2007-2012 Estonia

You have attached the following Web links/URLs to this answer.

[Habitats directive article 17 report 2007-2012 Estonia](#)

Myotis mystacinus

Choose the one that applies.

Range State

Published distribution reference

> Habitats directive article 17 report 2007-2012 Estonia

You have attached the following Web links/URLs to this answer.

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Myotis nattereri

Choose the one that applies.

Range State

Published distribution reference

> Habitats directive article 17 report 2007-2012 Estonia

You have attached the following Web links/URLs to this answer.

[Habitats directive article 17 report 2007-2012 Estonia](#)

Nyctalus noctula

Choose the one that applies.

Range State

Published distribution reference

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You have attached the following Web links/URLs to this answer.

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Pipistrellus nathusii

Choose the one that applies.

Range State

Published distribution reference

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Pipistrellus pipistrellus

Choose the one that applies.

Range State

Published distribution reference

> Habitats directive article 17 report 2007-2012 Estonia

You have attached the following Web links/URLs to this answer.

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Pipistrellus pygmaeus

Choose the one that applies.

Range State

Published distribution reference

> [Habitats directive article 17 report 2007-2012 Estonia](#)

You have attached the following Web links/URLs to this answer.

[Habitats directive article 17 report 2007-2012 Estonia](#)

Plecotus auritus

Choose the one that applies.

Range State

Published distribution reference

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You have attached the following Web links/URLs to this answer.

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Vespertilio murinus

Choose the one that applies.

Range State

Published distribution reference

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You have attached the following Web links/URLs to this answer.

[Habitats directive article 17 report 2007-2012 Estonia](#)

References cited in the Annex:

> [eBiodiversity - web interface for the taxa found in Estonia.](#)

[Habitats directive article 17 report 2007-2012 Estonia.](#)

[Birds Directive article 12, Report on implementation measures for Estonia.](#)

Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. *Hirundo* 26(2): 80-112.

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