Report on the status of waterbird populations in the AEWA area for the period 2013-2018

Through Resolution 7.1, the 7th Session of the Meeting of the Parties (MOP7) to AEWA adopted, amongst other things, the format for national reports on the implementation of AEWA for the period 2018-2020 as presented in document AEWA/MOP 7.17.

Document AEWA/MOP 7.17 envisages a module on the status of native and non-native waterbird species, but it was agreed that this module will be developed by the Technical Committee and approved by the Standing Committee in early 2019. The format for reporting on Article 12 of the European Union's Birds Directive (EU BD) for the period 2013-2018 was agreed as the basis for this module, while focusing only on some fields of the EU reporting template, notably those in Annex B, chapters 1-5.

The alignment of the AEWA population status reporting module with the EU BD Article 12 template for 2013-2018 will, on the one hand, allow reporting of all necessary information by the AEWA Contracting Parties needed for the assessment of the status of AEWA populations, and, on the other hand, will require the EU members states that are Contracting Parties to AEWA to report only once their national data for the native species listed in Annex 2 of AEWA, providing that access to the EU BD Article 12 national reports will be granted to the UNEP/AEWA Secretariat. If any EU Member State with overseas territories within the AEWA area has not reported on the AEWA-listed species in those territories, data should be submitted through the AEWA reporting process.

Unlike the EU BD Article 12 template, the AEWA population status reporting module should request similar type of information for non-native waterbird species as for native species. The EU members states will therefore, like all other AEWA Contracting Parties, need to fill out the AEWA population status reporting module with respect to the status of the non-native waterbird species occurring in their territories, including overseas territories within the AEWA area.

In order to be able to use the national data reported by the AEWA Contracting Parties for the 8th edition of the AEWA Conservation Status Report, this reporting module has been set up separately in the CMS Family Online Reporting System and the deadline for submission of the national population status reports has been set by MOP7 at 30 June 2020.

1. GENERAL INFORMATION

Name of reporting Contracting Party

››› Finland

Date of entry into force of AEWA in the Contracting Party

››› 01.01.2001

2. INSTITUTIONAL INFORMATION

Please indicate the Designated National Respondent (DNR) and the other contributors to the Report on the population size and trend of AEWA-listed (native) and non-native waterbird species in the Agreement area for the period 2013-2018.

Name and title of the DNR
››› Esko Hyvärinen, Senior Ministerial Adviser

 Affiliation (institution, department, organisation)
››› Ministry of the Environment

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Other contributors to this report
Please list the names and affiliations (institution, organisation) of the other contributors to this report

Please list the names and affiliations (institution, organisation) of the other contributors to this report
››› Aija Lehikoinen, Finnish Environment Institute

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4. NON-NATIVE WATERBIRD SPECIES

Please select from the drop-down list below only the non-native species that occur in your country. This list contains the non-native waterbird species that have been identified to occur in the Agreement area. Should any additional species occur in your country, please contact the UNEP/AEWA Secretariat. Please note that some species are listed under AEWA and are native in some parts of the Agreement area, but are non-native in others.

Canada Goose / Branta canadensis

Confirmation of species occurrence
Please confirm the occurrence of the species in the country
☑ The species occurs in the country

Population size

Breeding numbers

Please indicate whether estimate of the breeding numbers is available
☑ Breeding numbers estimate is available

Latest breeding numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2018

Population unit
☑ Pairs

Numbers [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	4871
Maximum	6330
Best single value	5659

Type of estimate
☑ Multi-year mean

Method used for breeding numbers estimate
☑ Based mainly on extrapolation from a limited amount of data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› The population size estimate is based on data from Finnish archipelago bird census (organized by Finnish Environment Institute SYKE, Metsähallitus and Natural Resources Institute Finland Luke).
Lehikoinen, A. , Below, A., Jukarainen, A., Laaksonen, T., Lehtiniemi, T., Mikkola-Roos, M., Pessa, J., Rajasärkkä, A., Rusanen, P., Sirkiä, P., Tiainen, J. & Valkama, J. 2019: Suomen lintujen pesimäkantojen koot. – Linnut-vuosikirja 2018: 38-45.

Previous breeding numbers estimate

Please indicate whether a previous estimate of the breeding numbers size is available
☑ Previous breeding numbers estimate is available

Year or period [Year or period when breeding numbers were previously determined]
››› 2006-2010

Population unit
☑ Pairs

Numbers [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	7000
Maximum	8000
Best single value	

Type of estimate
☑ Best estimate

Method used for breeding numbers estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Väisänen, Risto A., Hario, Martti & Saurola, Pertti 2011: Population estimates of
Finnish birds. In: Valkama, Jari, Vepsäläinen, Ville & Lehikoinen, Aleksi 2011: The
Third Finnish Breeding Bird Atlas. – Finnish Museum of Natural History and
Ministry of Environment. <http://atlas3.lintuatlas.fi/english> (cited [15.11.2013]) ISBN
978-952-10-7145-4.
According to Archipelago Bird Census data, the maritime population amounted to 6400 pairs in 2006-2010.

Changes in the breeding numbers estimates

Has there been a change between the previous and the latest breeding numbers estimate?
☑ Yes

Please clarify the nature of change [More than one option from the list below is possible]
☑ Due to the use of different method

Please indicate which reason for change is predominant
☑ Due to the use of different method

Non-breeding/wintering numbers
[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether estimate of the non-breeding/wintering numbers is available
☑ No non-breeding/wintering numbers estimate is available

Population trend

Breeding numbers

Please indicate whether:
☑ Short-term and/or long-term breeding numbers trend estimate is available

Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available
Breeding numbers trend estimate is available for:
☑ Short-term trend
☑ Long-term trend

Short-term breeding numbers trend estimate

Trend period [2007-2018 (12-year rolling time window) or a period as close as possible to that]
››› 2007-2018

Short-term trend direction
☑ Increasing

Short-term trend magnitude [Percentage change over the period indicated above. Provide either

interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	42
Maximum	227
Best single value	117

Method used for short-term breeding numbers trend estimate
☑ Based mainly on extrapolation from a limited amount of data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Finnish archipelago bird census (organized by Finnish Environment Institute
SYKE, Metsähallitus and Natural Resources Institute Finland Luke) & Waterfowl monitoring schemes of Finnish Museum of Natural History (LUOMUS) and Natural Resources Institute Finland (LUKE; previously Fisheries and Game Research Institute RKTL).

Long-term breeding numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 1986-2018

Long-term trend direction
☑ Increasing

Long-term trend magnitude [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	442
Maximum	1327
Best single value	782

Method used for long-term breeding numbers trend estimate
☑ Based mainly on extrapolation from a limited amount of data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Finnish archipelago bird census (organized by Finnish Environment Institute
SYKE, Metsähallitus and Natural Resources Institute Finland Luke) &
Waterfowl monitoring schemes of Finnish Museum of Natural History
(LUOMUS) and Natural Resources Institute Finland (LUKE; previously Fisheries
and Game Research Institute RKTL).

Non-breeding/wintering numbers
[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether:
☑ Neither short-term nor long-term non-breeding/wintering numbers trend estimate is available

Range size and trend

Breeding range

Please indicate whether:
☑ Range size, short-term and/or long-term range trend estimate is available

Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available
The following estimates are available:
☑ Range size
☑ Long-term trend of the range

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2006-2010

Range size [Total surface area of the range size in km2]
››› 55500

Method used for range size estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Valkama, Jari, Vepsäläinen, Ville & Lehikoinen, Aleksi 2011: Suomen III Lintuatlas. – Luonnontieteellinen keskusmuseo ja ympäristöministeriö. <http://atlas3.lintuatlas.fi> (viitattu [28.6.2019]) ISBN 978-952-10-6918-5.

Short-term breeding range trend estimate

Long-term breeding range trend estimate

Trend period [since ca. 1980 or a period as close as possible to that]
››› 1980-2010

Long-term trend direction
☑ Increasing

Long-term trend magnitude [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	321
Maximum	321
Best single value	321

Method used for long-term range trend estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Valkama, Jari, Vepsäläinen, Ville & Lehikoinen, Aleksi 2011: Suomen III Lintuatlas. – Luonnontieteellinen keskusmuseo ja ympäristöministeriö. <http://atlas3.lintuatlas.fi> (viitattu [28.6.2019]) ISBN 978-952-10-6918-5.

Non-breeding/wintering range
[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether:
☑ Neither range size nor short-term nor long-term range trend estimate is available

National legal and Red List status

National Legal Status

Does the species have any national protection or other legal status?

☑ No

National Red List Status

Does the species have any National Red List status?
☑ No

5. CONFIRMATION

*Date of submission

››› 03.12.2019

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