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
››› Italy

Date of entry into force of AEWA in the Contracting Party
››› 1 September 2006

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
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Other contributors to this report

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

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››› ISPRA - Istituto Superiore per la Protezione e la Ricerca Ambientale

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.

White-faced Whistling-duck / Dendrocygna viduata

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]
››› 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	
Maximum	
Best single value	1

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.]
››› www.ornitho.it

Previous breeding numbers estimate

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

☑ No previous breeding numbers estimate is available

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

☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

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

Numbers [Individuals. Raw numbers, 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	4
Maximum	
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Previous non-breeding/wintering numbers estimate

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

Population trend

Breeding numbers

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

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?
☑ No

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

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2018

Range size [Total surface area of the range size in km2]
››› 100

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it

Short-term breeding range trend estimate

Long-term breeding range trend estimate

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below
☑ Single area

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

Black-bellied Whistling-duck / Dendrocygna autumnalis

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely natural vagrants

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2013-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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
☑ The species is recorded only occasionally during the non-breeding/wintering season

Occasional records during non-breeding/wintering season

Both options can be selected
☑ Occasionally recorded, most likely natural vagrants

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2013-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

Population trend

Breeding numbers

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

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

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Fulvous Whistling-duck / Dendrocygna bicolor

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 4

Period [Period (years) of the records above]
››› 2013-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	1
Maximum	4
Best single value	

Type of estimate
☑ Best estimate

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

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

☑ Previous non-breeding/wintering numbers estimate is available

Year or period [Year or period when numbers were previously determined]
››› 2008-2012

Numbers [Individuals. Raw numbers, 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	1
Maximum	2
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?
☑ No

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Widespread

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

Ruddy Duck / Oxyura jamaicensis

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely natural vagrants
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 2

Period [Period (years) of the records above]
››› 2016-2017

Last year of record [Year when the species was last recorded in the country]
››› 2017

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	2
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	5
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?

☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Uncertain

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 1991-2019

Long-term trend direction
☑ Uncertain

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	
Maximum	
Best single value	

Method used for long-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Short-term and long-term trend directions are uncertain due to the low number of wintering individuals

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Widespread

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Assessment of risks posed by the non-native species
Please select all relevant risks from the list below

Please select all relevant risks from the list below
☑ Hybridisation with native species

Hybridisation with native species

Which species does it hybridise with?
››› White-headed duck

Is hybridisation regularly occurring?
☑ No

Are hybrids produced?
☑ No

Please provide details and references, where available
››› In Italy, the White-headed duck is extinct and therefore there is not risk of hybridization.

Black-necked Swan / Cygnus melanocorypha

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 2

Maximum recorded number of occasional visitors
››› 2

Period [Period (years) of the records above]
››› 2013-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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
☑ The species is recorded only occasionally during the non-breeding/wintering season

Occasional records during non-breeding/wintering season

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 2

Maximum recorded number of occasional visitors
››› 2

Period [Period (years) of the records above]
››› 2016

Last year of record [Year when the species was last recorded in the country]
››› 2016

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?
☑ No

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

Does the species have any National Red List status?

☑ No

Black Swan / Cygnus atratus

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	1
Maximum	3
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.]
››› Brichetti P. & Fracasso G., 2013. Ornitologia Italiana. Vol. 1 - Parte Seconda: Anatidae. Oasi Alberto Perdisa Editore, Bologna.

Previous breeding numbers estimate

Please indicate whether a previous estimate of the breeding numbers size is available
☑ No previous breeding numbers estimate is available

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	15
Maximum	70
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	34

Type of estimate
☑ Multi-year mean

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

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	
Maximum	
Best single value	12

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 1991-2019

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	
Maximum	
Best single value	660

Method used for long-term non-breeding/wintering 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.]
››› Database IWC ISPRA

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
☑ Short-term trend of the range

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2018

Range size [Total surface area of the range size in km2]
››› 1100

Method used for range size 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.]
››› www.ornitho.it

Short-term breeding range 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	
Maximum	
Best single value	175

Method used for short-term range 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.]
››› www.ornitho.it

Long-term breeding range trend estimate

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Mute Swan / Cygnus olor

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]
››› 2016

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	500
Maximum	700
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.]
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

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]
››› 2013

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	300
Maximum	500
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.]
››› Nardelli R., Andreotti A., Bianchi E., Brambilla M., Brecciaroli B., Celada C., Dupré E., Gustin M., Longoni V., Pirrello S., Spina F., Volponi S., Serra L., 2015. Rapporto sull'applicazione della Direttiva 147/2009/CE in Italia: dimensione, distribuzione e trend delle popolazioni di uccelli (2008- 2012). ISPRA, Serie Rapporti, 219/2015.

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 genuine change

Please indicate which reason for change is predominant
☑ Due to genuine change

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	5805
Maximum	9243
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is

available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	4098

Type of estimate
☑ Multi-year mean

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

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]
››› 2013-2016

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	40
Maximum	70
Best single value	

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

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

Long-term breeding numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 1993-2018

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	1300
Maximum	1570
Best single value	

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

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Brichetti P., Meschini E., 1993. Stima delle popolazioni di uccelli nidificanti. In Meschini E., Frugis S., 1993. Atlante degli uccelli nidificanti in Italia. Suppl. Ric. Biol. Selvaggina, 20, 1-345.

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

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	

Maximum	
Best single value	74

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 1991-2019

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	
Maximum	
Best single value	705

Method used for long-term non-breeding/wintering 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.]
››› Database IWC ISPRA

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
☑ Short-term trend of the range
☑ Long-term trend of the range

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2018

Range size [Total surface area of the range size in km2]
››› 29100

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

››› www.ornitho.it

Short-term breeding range 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	20
Maximum	25
Best single value	

Method used for short-term range 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.]
››› www.ornitho.it

Long-term breeding range trend estimate

Trend period [since ca. 1980 or a period as close as possible to that]
››› 1993-2018

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	
Maximum	
Best single value	730

Method used for long-term range 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.]
››› Meschini E., Frugis S., 1993. Atlante degli uccelli nidificanti in Italia. Suppl. Ric. Biol. Selvaggina, 20, 1-345.

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Assessment of risks posed by the non-native species
Please select all relevant risks from the list below

Please select all relevant risks from the list below
☑ Introduced birds prevent accurate monitoring of numbers of naturally occurring birds of the same species

Introduced birds prevent accurate monitoring of numbers of naturally occurring birds of the same species

Does this present any obstacles for the entire naturally-occurring population or only in localised places?
☑ For the entire population

Whooper Swan / Cygnus cygnus

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 4

Period [Period (years) of the records above]
››› 2006-2017

Last year of record [Year when the species was last recorded in the country]
››› 2017

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	347
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	1
Maximum	8
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:

☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

☑ Short-term trend

☑ Long-term trend

Short-term non-breeding/wintering numbers trend estimate

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

››› 2006-2019

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	
Maximum	
Best single value	1733

Method used for short-term non-breeding/wintering 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.]

››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

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

››› 1991-2019

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	
Maximum	
Best single value	511

Method used for long-term non-breeding/wintering 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.]

››› Database IWC ISPRA

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Brent Goose / Branta bernicla

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
☑ The species does not breed and does not occur in the country during the breeding season

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species does not occur in the country during the breeding season

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Stable

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Range size and trend

Breeding range

Please indicate whether:
☑ The species does not occur in the country during the breeding season

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

Does the species have any National Red List status?

☑ No

Barnacle Goose / Branta leucopsis

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 5

Period [Period (years) of the records above]
››› 2017-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Rare introduced breeder

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	5
Maximum	15
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	16

Type of estimate
☑ Multi-year mean

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Decreasing

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	
Maximum	
Best single value	38

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Range size and trend

Breeding range

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

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Red-breasted Goose / Branta ruficollis

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely natural vagrants

☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 3

Period [Period (years) of the records above]
››› 2014-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	3
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	4

Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Uncertain

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]

››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Short-term trend direction is uncertain due to the low number of wintering individuals

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

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]
››› 2019

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	
Maximum	
Best single value	1

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.]
››› www.ornitho.it

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]
››› 2012

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	1
Maximum	2
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.]
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

Changes in the breeding numbers estimates

Has there been a change between the previous and the latest breeding numbers estimate?
☑ No

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	10
Maximum	115
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	40

Type of estimate
☑ Multi-year mean

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

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]
››› 2007-2019

Short-term trend direction
☑ Stable

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	
Maximum	
Best single value	

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

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it
Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

Long-term breeding numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 2002-2019

Long-term trend direction
☑ Stable

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	
Maximum	
Best single value	

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

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it
Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

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	
Maximum	
Best single value	88

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

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
☑ Short-term trend of the range

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2019

Range size [Total surface area of the range size in km2]
››› 500

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it

Short-term breeding range trend estimate

Trend period [2007-2018 (12-year rolling time window) or a period as close as possible to that]
››› 2005-2019

Short-term trend direction
☑ Fluctuating

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	
Maximum	
Best single value	

Method used for short-term range trend estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Snow Goose / Anser caerulescens

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
☑ The species does not breed and does not occur in the country during the breeding season

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2016

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	1

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	4
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details,

etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species does not occur in the country during the breeding season

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:
☑ The species does not occur in the country during the breeding season

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Bar-headed Goose / Anser indicus

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]
››› 2016

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	
Maximum	
Best single value	1

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.]
››› www.ornitho.it

Previous breeding numbers estimate

Please indicate whether a previous estimate of the breeding numbers size is available
☑ No previous breeding numbers estimate is available

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Some nesting records from 1996 to 2002, but none from 2004 to 2007.

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	1
Maximum	6
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	2
Maximum	5
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Stable

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

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

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2016

Range size [Total surface area of the range size in km2]
››› 100

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it

Short-term breeding range trend estimate

Long-term breeding range trend estimate

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Swan Goose / Anser cygnoides

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
☑ No breeding numbers estimate is available

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Recorded in several regions mainly in North Italy, Sardinia, and Campania with a few nesting records.

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	6
Maximum	15
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	54

Type of estimate
☑ Multi-year mean

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering 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
☑ The nature of change is not known

Population trend

Breeding numbers

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

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

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2019

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

››› 500

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it

Short-term breeding range trend estimate

Long-term breeding range trend estimate

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Pink-footed Goose / Anser brachyrhynchus

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2013-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2014-2018

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2018

Short-term trend direction
☑ Stable

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering numbers trend estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it
Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Single area

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Lesser White-fronted Goose / Anser erythropus

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 3

Period [Period (years) of the records above]
››› 2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	3
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:

☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

☑ Short-term trend

Short-term non-breeding/wintering numbers trend estimate

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

››› 2006-2010

Short-term trend direction

☑ Uncertain

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]

››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

››› Short-term trend direction is uncertain due to the low number of wintering individuals

Range size and trend

Breeding range

Please indicate whether:

☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below

☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?

☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Hooded Merganser / Lophodytes cucullatus

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2014-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2015-2019

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	1

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

Year or period [Year or period when numbers were previously determined]
››› 2011-2012

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	1

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?
☑ No

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ Yes

Trend period [Years]
››› 2011-2019

Trend direction
☑ Increasing

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	
Maximum	
Best single value	100

National legal and Red List status

National Legal Status

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

Please provide details

››› Law no. 157/1992

National Red List Status

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

Upland Goose / Chloephaga picta

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2017

Last year of record [Year when the species was last recorded in the country]
››› 2017

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
☑ The species does not occur in the country during the non-breeding/wintering season

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Single area

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

Egyptian Goose / Alopochen aegyptiacus

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
☑ No breeding numbers estimate is available

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Rare introduced resident breeder

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	25
Maximum	60
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	24

Type of estimate
☑ Multi-year mean

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

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	
Maximum	
Best single value	67

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 1991-2019

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	
Maximum	
Best single value	3900

Method used for long-term non-breeding/wintering 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.]
››› Database IWC ISPRA

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

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2019

Range size [Total surface area of the range size in km2]
››› 1200

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Ruddy Shelduck / Tadorna ferruginea

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
☑ No breeding numbers estimate is available

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Rare introduced breeder

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	9
Maximum	36
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	19

Type of estimate
☑ Multi-year mean

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

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	
Maximum	
Best single value	5

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 1991-2019

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	
Maximum	

Best single value	900

Method used for long-term non-breeding/wintering 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.]
››› Database IWC ISPRA

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

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2019

Range size [Total surface area of the range size in km2]
››› 300

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it

Short-term breeding range trend estimate

Long-term breeding range trend estimate

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Assessment of risks posed by the non-native species
Please select all relevant risks from the list below

Please select all relevant risks from the list below

☑ Introduced birds prevent accurate monitoring of numbers of naturally occurring birds of the same species

Introduced birds prevent accurate monitoring of numbers of naturally occurring birds of the same species

Does this present any obstacles for the entire naturally-occurring population or only in localised places?
☑ For the entire population

Please provide details and references, where available
››› Zenatello M., Baccetti N., Borghesi F., 2014. Risultati dei censimenti degli uccelli acquatici svernanti in Italia. Distribuzione, stima e trend delle popolazioni nel 2001-2010. ISPRA, Serie Rapporti, 206/2014.

South African Shelduck / Tadorna cana

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2017

Last year of record [Year when the species was last recorded in the country]
››› 2017

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
☑ The species is recorded only occasionally during the non-breeding/wintering season

Occasional records during non-breeding/wintering season

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 2

Period [Period (years) of the records above]
››› 2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?
☑ No

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

Does the species have any National Red List status?

☑ No

Australian Shelduck / Tadorna tadornoides

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 2

Period [Period (years) of the records above]
››› 2013-2018

Last year of record [Year when the species was last recorded in the country]
››› 2018

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
☑ The species does not occur in the country during the non-breeding/wintering season

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

Muscovy Duck / Cairina moschata

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
☑ No breeding numbers estimate is available

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Breeding records are rarely reported and included individuals of the domestic strain (Cairina moschata f. domestica) which have been deliberately introduced for ornamental purposes since 1980s.

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	31

Maximum	199
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	133

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

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

Short-term breeding numbers trend estimate

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

››› 2000-2010

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	
Maximum	
Best single value	200

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.]
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

Long-term breeding numbers trend estimate

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Stable

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

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
☑ Short-term trend of the range

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2019

Range size [Total surface area of the range size in km2]
››› 2400

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Range size is referred to the domestic strain (Cairina moschata f. domestica)

Short-term breeding range trend estimate

Trend period [2007-2018 (12-year rolling time window) or a period as close as possible to that]
››› 2005-2019

Short-term trend direction
☑ Decreasing

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	
Maximum	
Best single value	14

Method used for short-term range 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.]
››› www.ornitho.it

Long-term breeding range trend estimate

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Ringed Teal / Callonetta leucophrys

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 2

Period [Period (years) of the records above]
››› 2009-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	3

Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

☑ Short-term trend

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Uncertain

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering numbers trend estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it
Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Short-term trend direction is uncertain due to the low number of wintering individuals

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Widespread

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?

☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Wood Duck / Aix sponsa

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
☑ No breeding numbers estimate is available

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Few records (1-2) of breeding events

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	5
Maximum	10
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	2
Maximum	11
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Stable

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 1991-2019

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	
Maximum	
Best single value	600

Method used for long-term non-breeding/wintering 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.]
››› Database IWC ISPRA

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

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2019

Range size [Total surface area of the range size in km2]
››› 500

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

››› www.ornitho.it

Short-term breeding range trend estimate

Long-term breeding range trend estimate

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?

☑ Yes

Please provide details

››› Law no. 157/1992

National Red List Status

Does the species have any National Red List status?

☑ No

Mandarin Duck / Aix galericulata

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

☑ No breeding numbers estimate is available

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

››› Rare introduced resident breeder

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

☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]

››› 2013-2019

Numbers [Individuals. Raw numbers, 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	15

Maximum	61
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	71

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12

years) and/or long-term (since ca. 1980) trend is available
Non-breeding/wintering numbers trend estimate is available for:
☑ Short-term trend
☑ Long-term trend

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Decreasing

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	
Maximum	
Best single value	48

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 1991-2019

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	
Maximum	
Best single value	3600

Method used for long-term non-breeding/wintering 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.]
››› Database IWC ISPRA

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

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2019

Range size [Total surface area of the range size in km2]
››› 1500

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it

Short-term breeding range trend estimate

Long-term breeding range trend estimate

Additional information (optional

Please provide any additional or complementary information to the data provided above in this section, if available
››› The species occurs in N Italy

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Maned Duck / Chenonetta jubata

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› unknown

Period [Period (years) of the records above]
››› 2006-2015

Last year of record [Year when the species was last recorded in the country]
››› 2015

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:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Rosy-billed Pochard / Netta peposaca

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2011-2018

Last year of record [Year when the species was last recorded in the country]
››› 2018

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2018

Short-term trend direction
☑ Uncertain

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering numbers trend estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it
Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Short-term trend direction is uncertain due to the low number of wintering individuals

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Blue-winged Teal / Spatula discors

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 2

Period [Period (years) of the records above]
››› 2015-2017

Last year of record [Year when the species was last recorded in the country]
››› 2017

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
☑ The species does not occur in the country during the non-breeding/wintering season

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

Range size and trend

Breeding range

Please indicate whether:

☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

Baikal Teal / Sibirionetta formosa

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2018

Last year of record [Year when the species was last recorded in the country]
››› 2018

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
☑ The species does not occur in the country during the non-breeding/wintering season

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Single area

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

Falcated Duck / Mareca falcata

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2018

Last year of record [Year when the species was last recorded in the country]
››› 2018

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› www.ornitho.it

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

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

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	1

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2018

Short-term trend direction
☑ Uncertain

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering numbers trend estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it
Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Short-term trend direction is uncertain due to the low number of wintering individuals

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Single area

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

American Wigeon / Mareca americana

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
☑ The species does not breed and does not occur in the country during the breeding season

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
☑ The species is recorded only occasionally during the non-breeding/wintering season

Occasional records during non-breeding/wintering season

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2013

Last year of record [Year when the species was last recorded in the country]
››› 2013

Population trend

Breeding numbers

Please indicate whether:
☑ The species does not occur in the country during the breeding season

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?
☑ No

Range size and trend

Breeding range

Please indicate whether:
☑ The species does not occur in the country during the breeding season

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below
☑ Single area

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

Chiloe Wigeon / Mareca sibilatrix

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]
››› 2014

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	
Maximum	
Best single value	1

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.]
››› www.ornitho.it

Previous breeding numbers estimate

Please indicate whether a previous estimate of the breeding numbers size is available
☑ No previous breeding numbers estimate is available

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

☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]

››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	2
Best single value	

Type of estimate

☑ Best estimate

Method used for non-breeding/wintering 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.]

››› www.ornitho.it

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

☑ Previous non-breeding/wintering numbers estimate is available

Year or period [Year or period when numbers were previously determined]

››› 2006-2010

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate

☑ Best estimate

Method used for non-breeding/wintering numbers estimate

☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Uncertain

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering numbers trend estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it
Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Short-term trend direction is uncertain due to the low number of wintering individuals

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

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2014

Range size [Total surface area of the range size in km2]
››› 100

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it

Short-term breeding range trend estimate

Long-term breeding range trend estimate

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Cape Teal / Anas capensis

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
☑ The species does not breed and does not occur in the country during the breeding season

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
☑ The species is recorded only occasionally during the non-breeding/wintering season

Occasional records during non-breeding/wintering season

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2016-2018

Last year of record [Year when the species was last recorded in the country]
››› 2018

Population trend

Breeding numbers

Please indicate whether:
☑ The species does not occur in the country during the breeding season

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?
☑ No

Range size and trend

Breeding range

Please indicate whether:
☑ The species does not occur in the country during the breeding season

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below
☑ Single area

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

White-cheeked Pintail / Anas bahamensis

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 2

Period [Period (years) of the records above]
››› 2006-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	2
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]

››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

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

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Red-billed Duck / Anas erythrorhyncha

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2013-2018

Last year of record [Year when the species was last recorded in the country]
››› 2018

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
☑ The species is recorded only occasionally during the non-breeding/wintering season

Occasional records during non-breeding/wintering season

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2013-2018

Last year of record [Year when the species was last recorded in the country]
››› 2018

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:

☑ The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?
☑ No

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

American Flamingo / Phoenicopterus ruber

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 2

Period [Period (years) of the records above]
››› 2015-2017

Last year of record [Year when the species was last recorded in the country]
››› 2017

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
☑ The species does not occur in the country during the non-breeding/wintering season

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

Range size and trend

Breeding range

Please indicate whether:
☑ The species does not occur in the country during the breeding season

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:
☑ The species does not occur in the country during the non-breeding/wintering season

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

Chilean Flamingo / Phoenicopterus chilensis

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely natural vagrants
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2016-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2016-2019

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	1

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› www.ornitho.it

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Uncertain

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering numbers trend estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it
Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Short-term trend direction is uncertain due to the low number of wintering individuals

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Lesser Flamingo / Phoeniconaias minor

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]
››› 2017

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	
Maximum	
Best single value	1

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.]
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

Previous breeding numbers estimate

Please indicate whether a previous estimate of the breeding numbers size is available
☑ No previous breeding numbers estimate is available

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Occasional breeder since 2012

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	2
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	2
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Stable

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Range size and trend

Breeding range

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

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Grey Crowned-crane / Balearica regulorum

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
☑ No breeding numbers estimate is available

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› First breeding records in 2002

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

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

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Stable

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Range size and trend

Breeding range

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

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Yellow-billed Stork / Mycteria ibis

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2013

Last year of record [Year when the species was last recorded in the country]
››› 2013

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
☑ The species does not occur in the country during the non-breeding/wintering season

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Single area

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species does not occur in the country during the non-breeding/wintering season

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

African Spoonbill / Platalea alba

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
☑ No breeding numbers estimate is available

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Single successful nesting by mixed pairs since 2006

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:
☑ Neither short-term nor long-term breeding numbers trend estimate is available

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

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2019

Range size [Total surface area of the range size in km2]
››› 100

Method used for range size estimate
☑ Based mainly on expert opinion with very limited data

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› www.ornitho.it

Short-term breeding range trend estimate

Long-term breeding range trend estimate

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Assessment of risks posed by the non-native species
Please select all relevant risks from the list below

Please select all relevant risks from the list below
☑ Hybridisation with native species

Hybridisation with native species

Which species does it hybridise with?
››› Eurasian Spoonbill and Sacred Ibis

Is hybridisation regularly occurring?
☑ No

Are hybrids produced?
☑ Yes

Do hybrids reproduce themselves?
☑ No

Is the hybrid population increasing?
☑ No

Please provide details and references, where available
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

African Sacred Ibis / Threskiornis aethiopicus

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]
››› 2016

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	400
Maximum	420
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.]
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

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]
››› 2000

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	25
Maximum	28
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.]
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

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 genuine change

Please indicate which reason for change is predominant

☑ Due to genuine change

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

☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]

››› 2013-2019

Numbers [Individuals. Raw numbers, 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	158
Maximum	1006
Best single value	

Type of estimate

☑ Best estimate

Method used for non-breeding/wintering 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.]

››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

☑ Previous non-breeding/wintering numbers estimate is available

Year or period [Year or period when numbers were previously determined]

››› 2006-2010

Numbers [Individuals. Raw numbers, 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	
Maximum	
Best single value	39

Type of estimate

☑ Multi-year mean

Method used for non-breeding/wintering numbers estimate

☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

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]
››› 2009-2016

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	255
Maximum	325
Best single value	

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

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

Long-term breeding numbers trend estimate

Trend period [since ca. 1980or a period as close as possible to that]
››› 1993-2018

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	41900
Maximum	42900

Best single value	

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

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

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	
Maximum	
Best single value	1269

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

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
☑ Short-term trend of the range

Breeding range size

Year or period [Year or period when breeding range size was last determined]
››› 2013-2018

Range size [Total surface area of the range size in km2]
››› 3000

Method used for range size 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.]
››› www.ornitho.it

Short-term breeding range 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	230
Maximum	235
Best single value	

Method used for short-term range 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.]
››› www.ornitho.it

Long-term breeding range trend estimate

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Assessment of risks posed by the non-native species
Please select all relevant risks from the list below

Please select all relevant risks from the list below
☑ Hybridisation with native species

Hybridisation with native species

Which species does it hybridise with?
››› Eurasian Spoonbill

Is hybridisation regularly occurring?
☑ No

Are hybrids produced?
☑ Yes

Do hybrids reproduce themselves?
☑ No

Is the hybrid population increasing?
☑ No

Please provide details and references, where available
››› Brichetti P. & Fracasso G., 2018. The Birds of Italy. Volume 1. Anatidae-Alcidae. Edizioni Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.

Scarlet Ibis / Eudocimus ruber

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2018-2019

Last year of record [Year when the species was last recorded in the country]
››› 2018

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
☑ The species is recorded only occasionally during the non-breeding/wintering season

Occasional records during non-breeding/wintering season

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2017-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?
☑ No

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Single area

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the non-breeding/wintering season

Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

National legal and Red List status

National Legal Status

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

Please provide details
››› Law no. 157/1992

National Red List Status

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

Dalmatian Pelican / Pelecanus crispus

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 6

Period [Period (years) of the records above]
››› 2016-2018

Last year of record [Year when the species was last recorded in the country]
››› 2018

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
☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]
››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering 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.]
››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available
☑ Previous non-breeding/wintering numbers estimate is available

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

Numbers [Individuals. Raw numbers, 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	0
Maximum	2
Best single value	

Type of estimate
☑ Best estimate

Method used for non-breeding/wintering numbers estimate
☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]
››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:
☑ Short-term trend

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Stable

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Range size and trend

Breeding range

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Pink-backed Pelican / Pelecanus rufescens

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 5

Period [Period (years) of the records above]
››› 1990-2014

Last year of record [Year when the species was last recorded in the country]
››› 2014

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Observations occur throughout the year, more frequently in late summer and autumn

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:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

Great White Pelican / Pelecanus onocrotalus

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
☑ The species is recorded only occasionally during the breeding season, but does not breed

Occasional records during breeding season (non-breeders)

Both options can be selected
☑ Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors
››› 1

Maximum recorded number of occasional visitors
››› 1

Period [Period (years) of the records above]
››› 2013-2019

Last year of record [Year when the species was last recorded in the country]
››› 2019

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

☑ Non-breeding/wintering numbers estimate is available

Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]

››› 2013-2019

Numbers [Individuals. Raw numbers, 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	0
Maximum	1
Best single value	

Type of estimate

☑ Best estimate

Method used for non-breeding/wintering 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.]

››› Database IWC ISPRA

Previous non-breeding/wintering numbers estimate

Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

☑ Previous non-breeding/wintering numbers estimate is available

Year or period [Year or period when numbers were previously determined]

››› 2006-2010

Numbers [Individuals. Raw numbers, 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	0
Maximum	4
Best single value	

Type of estimate

☑ Best estimate

Method used for non-breeding/wintering numbers estimate

☑ Complete survey or a statistically robust estimate

Sources of information [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

››› Database IWC ISPRA

Changes in the non-breeding/wintering numbers estimates

Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?
☑ No

Population trend

Breeding numbers

Please indicate whether:
☑ The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?
☑ No

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:
☑ Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

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

Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]
››› 2006-2019

Short-term trend direction
☑ Uncertain

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	
Maximum	
Best single value	

Method used for short-term non-breeding/wintering 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.]
››› Database IWC ISPRA

Long-term non-breeding/wintering numbers trend estimate

Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available
››› Short-term trend direction is uncertain due to the low number of wintering individuals

Range size and trend

Breeding range

Please indicate whether:

☑ The species is recorded only occasionally during the breeding season, but does not breed

Range of occasional records during breeding season (non-breeders)

Please select one of the options below
☑ Localised (less than 10 sites)

Trend of the range of occasional records

Is the trend of the range of occasional records available?
☑ No

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?
☑ Yes

Please provide details
››› Law no. 157/1992

National Red List Status

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

5. CONFIRMATION

Confirmation of information verification and approval for submission.

***Please confirm:**
In addition a scanned copy of an official letter from the relevant state institution, approving the report for submission, can be attached.
☑ I declare that the information provided in 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 has been verified and the report has been approved for submission by the appropriate state institution in the country.

***Date of submission**
››› 9 April 2020