



Mergellus albellus

North-west & Central Europe (win)

Annex I	Yes
International action plan	No

Smew, *Mergellus albellus*, is a species of seaduck found in river and lake, marine inlet and transitional water and coastal ecosystems.

Mergellus albellus has a breeding population size of 3100-7600 pairs and a breeding range size of 179000 square kilometres in the EU27. The breeding population trend in the EU27 is Stable in the short term and Increasing in the long term. *Mergellus albellus* has a winter population size of 26800-44700 individuals in the EU27. The winter population trend in the EU27 is Fluctuating in the short term and Increasing in the long term.

The EU population status of *Mergellus albellus* was assessed as Secure, because the species does not meet any of the IUCN Red List criteria for threatened or Near Threatened, or the criteria for Depleted or Declining (the EU27 population or range has not declined by 20% or more since 1980).

This factsheet was produced for *Mergellus albellus* [North-west & Central Europe (win)] population. Also other subspecies/populations of the same species occur within the EU27. The assessment of status at the European level and the introductory text were done at the species level in line with the criteria for assessment of the EU population status.

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Assessment of status at the European level

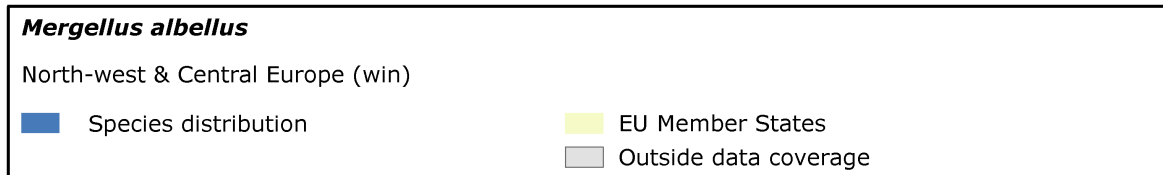
Breeding population size	Breeding population trend		Range area	Breeding range trend		Winter population size	Winter population trend		Population status
	Short term	Long term		Short term	Long term		Short term	Long term	
3100 - 7600 p	0	+	179000			26800 - 44700 i	F	+	Secure

See the endnotes for more informationⁱ

The population status assessment at the EU level was carried out at the species level. The EU status assessment covers following subspecies/populations: *Mergellus albellus* [North-east Europe/Black Sea & East Mediterranean], *Mergellus albellus* [North-west & Central Europe (win)] (each of them presented in a separate factsheet).

The EU trends were assessed at the species or subspecies level following BirdLife International's current taxonomy. The EU trends assessment covers more former subspecies or populations: *Mergellus albellus* [North-west & Central Europe (win)], *Mergellus albellus* [North-east Europe/Black Sea & East Mediterranean] (each of them presented in a separate factsheet).

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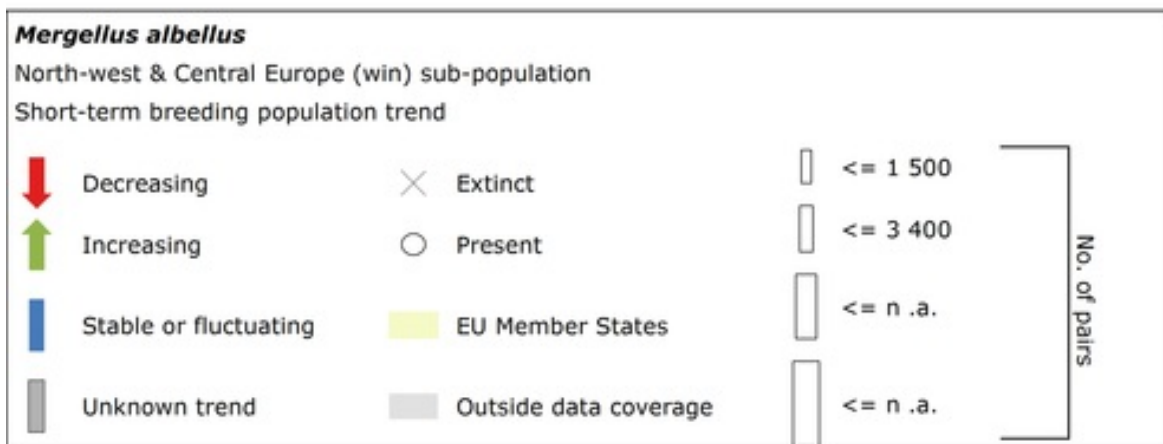
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Trends at the Member State level

MS/Ter.	% in EU27	Breeding population size	Breeding population trend		Range area	Breeding range trend		Winter population size	Winter population trend	
			Short term	Long term		Short term	Long term		Short term	Long term
AT								60 - 70 i	-	0
BE								164 - 195 i	-	+
CZ										
DE								11000 - 11000 i	F	+
DK								2080 - 2080 i	+	+
EE								1000 - 4000 i	+	+
FI	80.7	2000 - 5500 p	0	+	138600	x	+	170 - 1000 i	+	+
FR								225 - 225 i	F	F
HU								600 - 1500 i	-	x
IE								2 - 2 i	x	x
LT								300 - 500 i	F	F
LU								10 - 40 i	F	+
LV								20 - 200 i	0	0
NL								2639 - 5649 i	F	0
PL								2000 - 6000 i	x	F
SE	19.3	1100 - 2000 p	0	+	39600	0	x	3000 - 5000 i	0	+
UK								180 - 180 i	-	+

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Mergellus albellus
 North-west & Central Europe (win) sub-population
 Short-term winter population trend

	Decreasing		Extinct		No. of individuals
	Increasing		Present		
	Stable or fluctuating		EU Member States		
	Unknown trend		Outside data coverage		

Main pressures and threats reported by Member States

For the bird species triggering SPA classification Member States were asked to report the 20 most important pressures and threats using an agreed hierarchical list which can be found on the Article 12 Reference Portal (http://bd.eionet.europa.eu/activities/Reporting/Article_12/reference_portal). Pressures are activities which are currently having an impact on the species and threats are activities expected to have an impact in the near future. The table below only contains information from Member States, where a species triggers SPA classification. Pressures and threats were ranked in three classes 'high, medium and low importance', the table below only shows pressures and threats classed as 'high', for some species there were less than ten pressures and threats reported as highly important.

Ten most frequently reported 'highly important' pressures and threats

Code	Activity	Frequency
H03	Pollution to marine waters	33
M01	Abiotic changes (climate change)	33
G01	Outdoor sports, leisure and recreational activities	17
G02	Sport and leisure infrastructures	17

Proportion of population covered by the Natura 2000 network

For the bird species triggering SPA classification Member States were asked to report the size of a species population occurring within the Natura 2000 network. The percentage of species population covered by the network was estimated by comparing the population size within the network and the total population size.

Percentage of coverage by Natura 2000 sites

MS/territory	season	SPA trigger	% coverage
AT	winter	NO	
BE	winter	YES	38.32
DE	winter	YES	85
DK	winter	NO	
EE	winter	YES	41.83
FI	breeding	YES	x
FI	winter	NO	
FR	winter	NO	
HU	winter	YES	76.01
IE	winter	NO	
LT	winter	YES	77.46
LU	winter	YES	100
LV	winter	YES	61.24
NL	winter	YES	61.26
PL	winter	YES	83.67

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MS/territory	season	SPA trigger	% coverage
SE	breeding	YES	13.06
SE	winter	YES	23.66
UK	winter	NO	

See the endnotes for more informationⁱⁱⁱ

Most frequently reported conservation measures

For the bird species triggering SPA classification Member States were asked to report up to 20 conservation measures being implemented for this species using an agreed list which can be found on the Article 12 Reference Portal. Member States were further requested to highlight up to five most important ('highly important') measures; the table below only shows measures classed as 'high', for many species there were less than ten measures reported as highly important.

Ten most frequently reported 'highly important' conservation measures

Code	Measure	Frequency
6.1	Establish protected areas/sites	50
6.3	Legal protection of habitats and species	30
4.2	Restoring/improving the hydrological regime	10
7.1	Regulation/ Management of hunting and taking	10

This information is derived from the Member State national reports submitted to the European Commission under Article 12 of the Birds Directive in 2013 and covering the period 2008-2012. More detailed information, including the MS reports, is available at:

<http://bd.eionet.europa.eu/article12/summary?period=1&subject=A767-B> .

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ⁱ **Assessment of status at the European level:** The EU assessments of birds population status was made by the European Red List of Birds Consortium (under contract with the European Commission)

The EU27 population trends were assessed using these categories: '+' Increasing, '0' Stable, 'F' Fluctuating, '-' Decreasing, 'xu' Uncertain and 'x' Unknown. The breeding population size is estimated in majority of the cases as 'p' number of pairs. Alternative population units used are: 'males' number of males, 'i' number of individuals, 'cmales' number of calling males and 'bfem' number of breeding females. The winter population size is estimated as number of individuals.

ⁱⁱ **Species trends at the Member State level:** The percentage of the EU27 species population occurring in the Member States (% in EU27) is calculated based on the population size reported by the Member States.

ⁱⁱⁱ **Percentage of coverage by Natura 2000 sites:** In some cases the population size within the Natura 2000 network has been estimated using a different methodology to the estimate of overall population size and this can lead to percentage covers greater than 100%. In such case the value has been given as 100% and highlighted with an asterisk (*). The value 'x' indicates that the Member State has not reported the species population and/or the coverage by Natura 2000. No information is available for Greece and for non-Annex I species in the Czech Republic.