

## ***Anser erythropus* (Lesser White-fronted Goose)**

### **European Red List of Birds**

### **Supplementary Material**

The European Union (EU27) Red List assessments were based principally on the official data reported by EU Member States to the European Commission under Article 12 of the Birds Directive in 2013-14. For the European Red List assessments, similar data were sourced from BirdLife Partners and other collaborating experts in other European countries and territories. For more information, see BirdLife International (2015).

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#### **Recommended citation**

BirdLife International (2015) European Red List of Birds. Luxembourg: Office for Official Publications of the European Communities.

#### **Further information**

<http://www.birdlife.org/datazone/info/euroredlist>

<http://www.birdlife.org/europe-and-central-asia/european-red-list-birds-0>

<http://www.iucnredlist.org/initiatives/europe>

<http://ec.europa.eu/environment/nature/conservation/species/redlist/>

#### **Data requests and feedback**

To request access to these data in electronic format, provide new information, correct any errors or provide feedback, please email [science@birdlife.org](mailto:science@birdlife.org).

*Anser erythropus* (Lesser White-fronted Goose)

**Table 1.** Reported national breeding population size and trends in Europe<sup>1</sup>.

Country (or territory) <sup>2</sup>	Population estimate				Short-term population trend <sup>4</sup>				Long-term population trend <sup>4</sup>				Subspecific population (where relevant)
	Size (pairs) <sup>3</sup>	Europe (%)	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	
Finland	0-5	<1	2001-2012	medium	0	0	2001-2012	medium	-	0-90	1981-2012	medium	
Norway	20-25	11	2013	good	+	11-39	2001-2013	good	-	22-41	1980-2013	good	
Russia	100-250	79	2000-2010	good	-	5-20	2000-2010	medium	-	20-50	1980-2012	good	
Sweden	15-25	10	2008-2012	good	0	0	2001-2012	good	+	50-150	1980-2012	good	restocked population with captive bred birds
<b>EU27</b>	<b>15-30</b>	<b>10</b>			<b>Stable</b>								
<b>Europe</b>	<b>140-310</b>	<b>100</b>			<b>Decreasing</b>								

<sup>1</sup> See 'Sources' at end of factsheet, and for more details on individual EU Member State reports, see the Article 12 reporting portal at <http://bd.eionet.europa.eu/article12/report>.

<sup>2</sup> The designation of geographical entities and the presentation of the material do not imply the expression of any opinion whatsoever on the part of IUCN or BirdLife International concerning the legal status of any country, territory or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

<sup>3</sup> In the few cases where population size estimates were reported in units other than those specified, they were converted to the correct units using standard correction factors.

<sup>4</sup> The robustness of regional trends to the effects of any missing or incomplete data was tested using plausible scenarios, based on other sources of information, including any other reported information, recent national Red Lists, scientific literature, other publications and consultation with relevant experts.

<sup>5</sup> Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

<sup>6</sup> Trend magnitudes are rounded to the nearest integer.

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**Table 2.** Reported national wintering population sizes and trends in Europe<sup>1</sup>. Note that some countries within the species' wintering range did not report any data, and that only minimum totals are presented, to avoid double-counting of birds moving between countries.

Country (or territory) <sup>2</sup>	Population estimate				Short-term population trend <sup>4</sup>				Long-term population trend <sup>4</sup>				Subspecific population (where relevant)
	Size (individuals) <sup>3</sup>	Europe (%)	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	
Armenia	Present	<1	2003-2013		?				?				
Azerbaijan	2,000-6,000	90	2014	medium	-		2000-2014		-	50-75	1980-2014	medium	
Bulgaria	1-20	<1	2000-2012	medium	F	10-20	2000-2012	medium	F	10-20	1980-2012	medium	
Georgia	Present	<1	2012		?				?				
Germany	10-20	<1	2000-2005	medium	0	0	1997-2009	medium	0	0	1980-2005	medium	
Greece	35-75	1	2007-2013	good	0	0	2000-2013	good	0	0	1980-2013	good	
Moldova	30-90	1	2001-2012	medium	F	0	2001-2012	good	F	0	1980-2012		
Netherlands	23-114	1	2006-2010	good	F	0	2000-2011	good	+	1199-13383	1981-2011	good	
Romania	20-30	1	2007-2012	poor	-	20-60	2001-2012	poor	?				
Serbia	0-10	<1	2008-2012	medium	?				-		1980-2012		
Slovakia	0-15	<1	2002	poor	0	0	2000-2012	poor	0	0	1980-2012	poor	
Turkey	1-140	<1	2002-2012	poor	?				?				
Ukraine	30-1,080	5	2000	medium	F	30-70	2001-2012	medium	F	20-80	1980-2012	medium	
<b>EU27</b>	<b>90-270</b>	<b>4</b>			<b>Decreasing</b>								
<b>Europe</b>	<b>2,200-7,600</b>	<b>100</b>			<b>Decreasing</b>								

<sup>1</sup> See 'Sources' at end of factsheet, and for more details on individual EU Member State reports, see the Article 12 reporting portal at <http://bd.eionet.europa.eu/article12/report>.

<sup>2</sup> The designation of geographical entities and the presentation of the material do not imply the expression of any opinion whatsoever on the part of IUCN or BirdLife International concerning the legal status of any country, territory or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

<sup>3</sup> In the few cases where population size estimates were reported in units other than those specified, they were converted to the correct units using standard correction factors.

<sup>4</sup> The robustness of regional trends to the effects of any missing or incomplete data was tested using plausible scenarios, based on other sources of information, including any other reported information, recent national Red Lists, scientific literature, other publications and consultation with relevant experts.

<sup>5</sup> Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

<sup>6</sup> Trend magnitudes are rounded to the nearest integer.

## Trend maps

A symbol appears in each country where the species occurs: the shape and colour of the symbol represent the population trend in that country, and the size of the symbol corresponds to the proportion of the European population occurring in that country.

### KEY

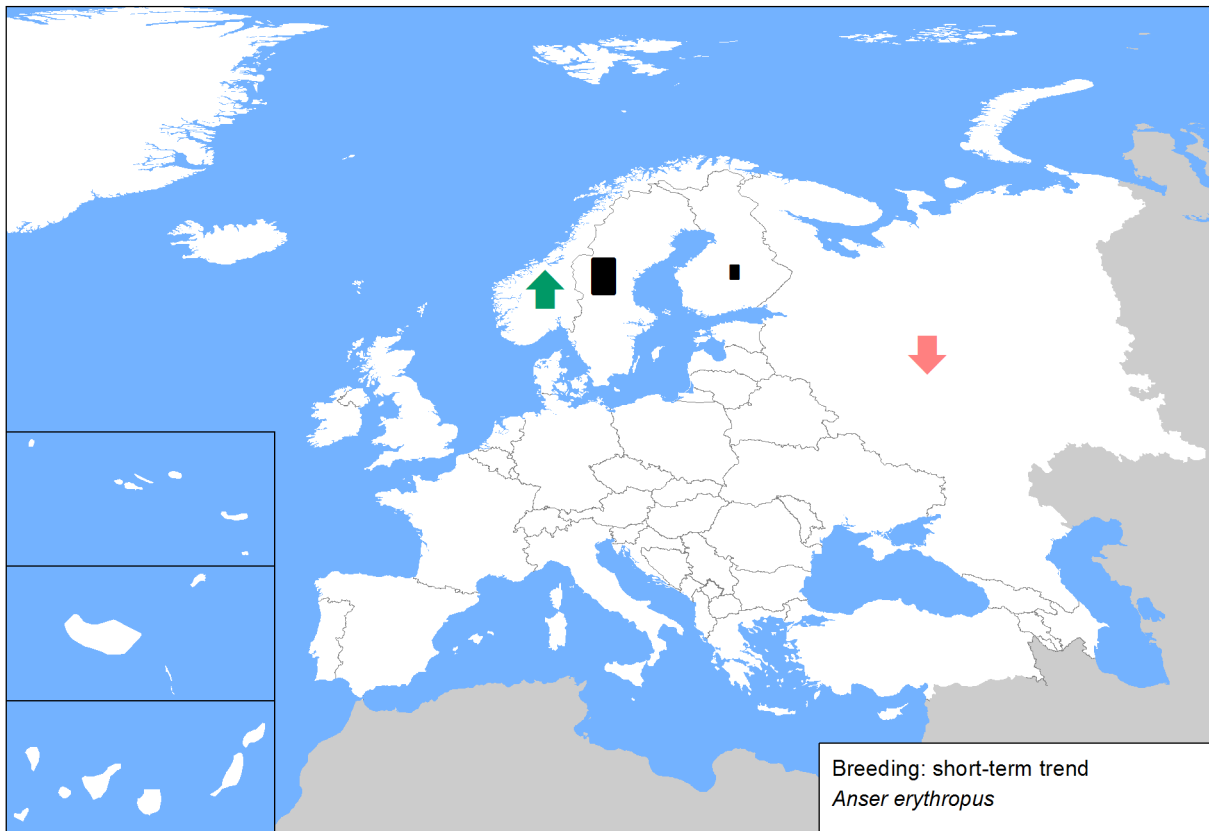
- |   |                                  |
|---|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (20–49%)     |
| ↑ Small increase ( $< 20\%$ )           | ↓ Small decrease ( $< 20\%$ )    |
| ↑ Increase of unknown magnitude         | ↓ Decrease of unknown magnitude  |
| ■ Stable or fluctuating                 |                                  |
| □ Unknown                               |                                  |
| ○ Present (no population or trend data) |                                  |
| × Extinct since 1980                    |                                  |

Each symbol, with the exception of Present and Extinct, may occur in up to three different size classes, corresponding to the proportion of the European population occurring in that country.

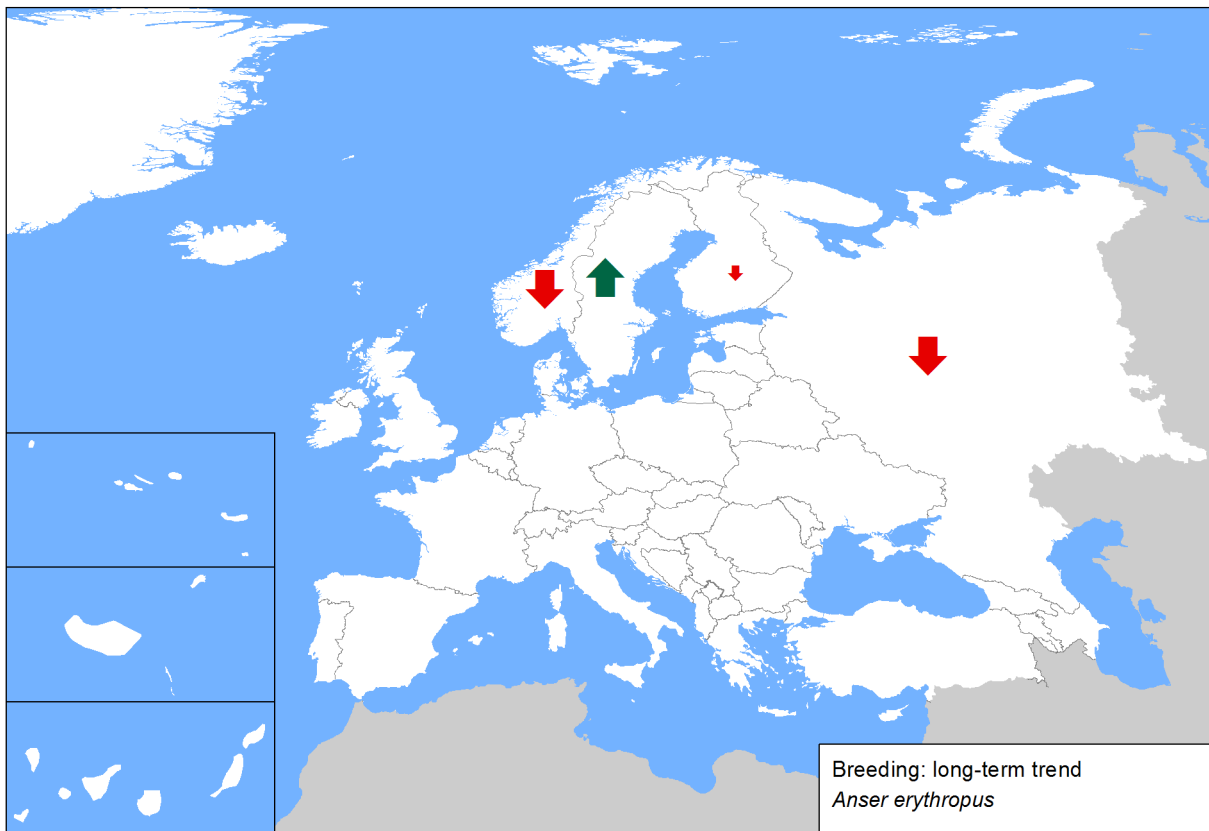
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small:  $< 1\%$  of the European population

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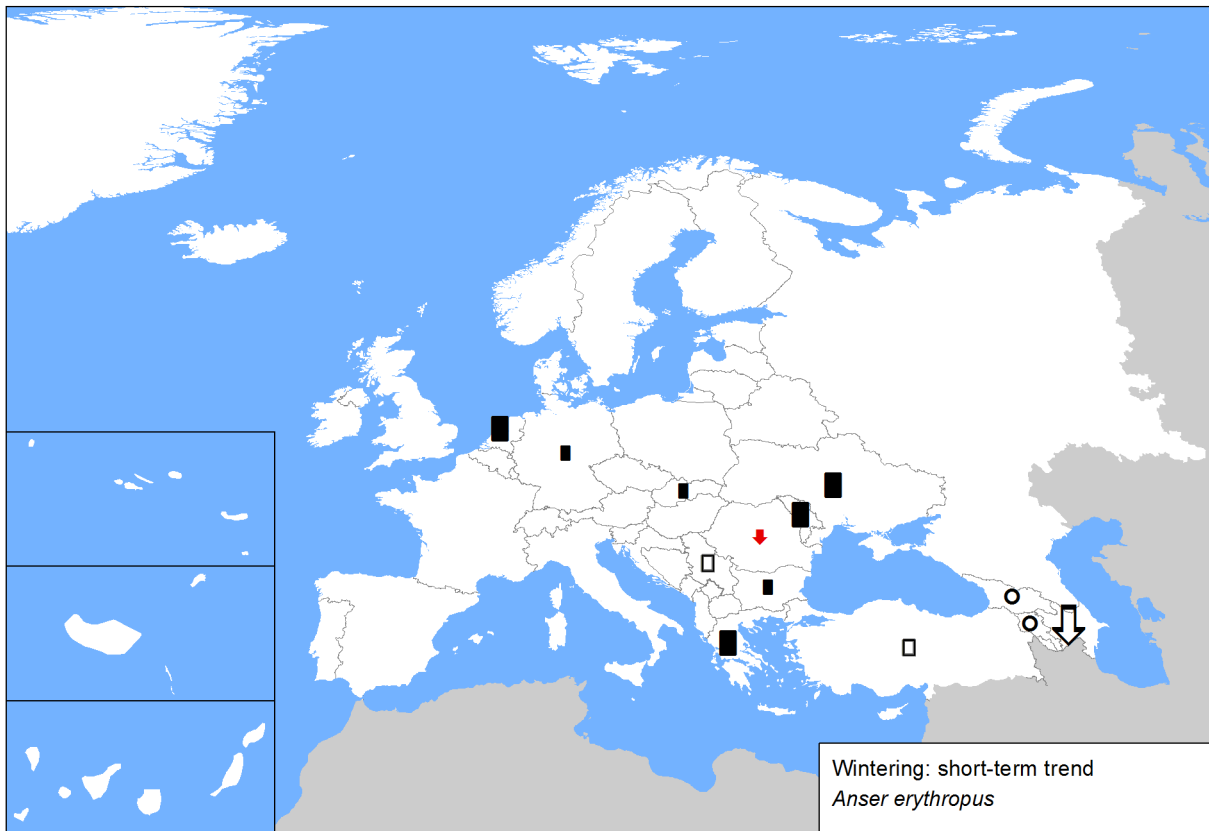
**Figure 1.** Breeding population sizes and short-term trends across Europe.



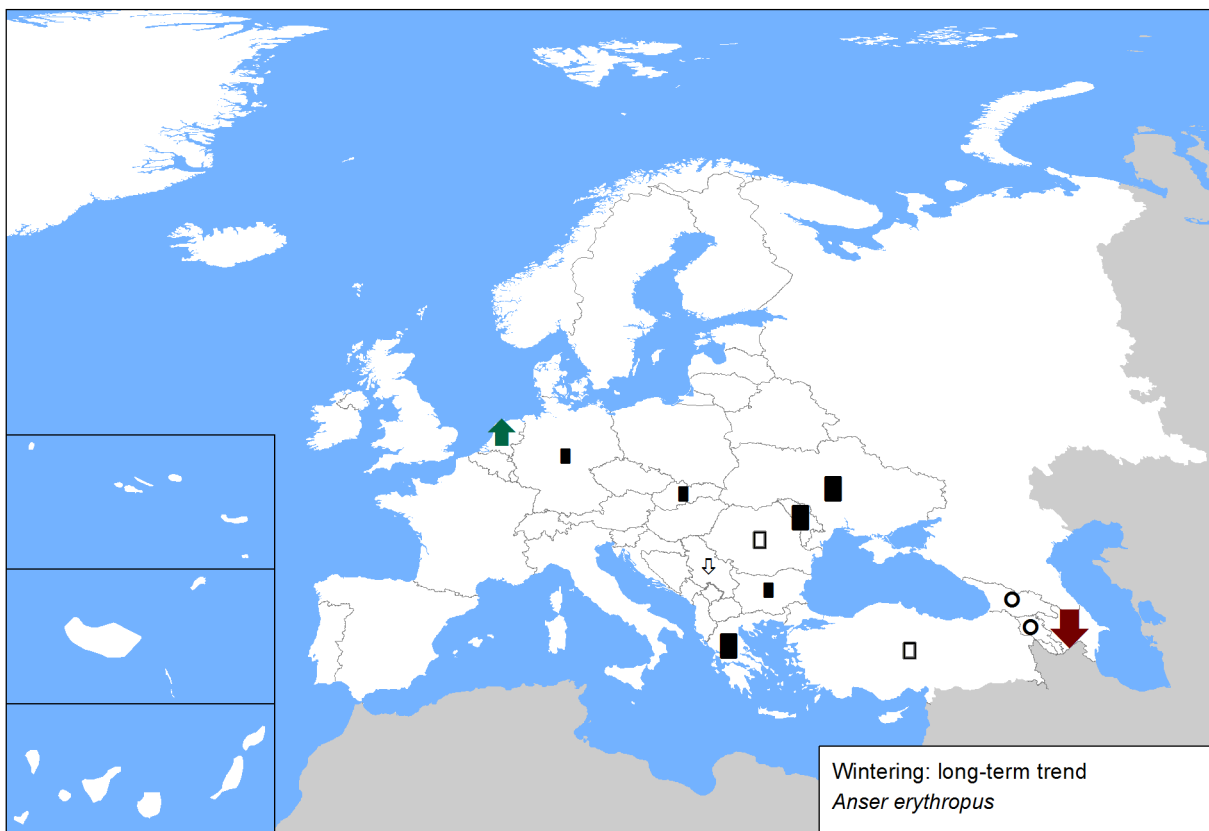
**Figure 2.** Breeding population sizes and long-term trends across Europe.



**Figure 3.** Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



**Figure 4.** Reported wintering population sizes and long-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



## Sources

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### Azerbaijan

<b>Winter population size:</b> AOS data base
<b>Winter short-term trend:</b> AOS data base
<b>Winter long-term trend:</b> AOS data base

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<b>Breeding population size:</b> Metsähallitus, monitoring data
<b>Breeding short-term trend:</b> Metsähallitus, monitoring data
<b>Breeding long-term trend:</b> Metsähallitus and WWF, monitoring data Valkama, Jari, Vepsäläinen, Ville & Lehikoinen, Alekski 2011: Suomen III Lintuatlas. – Luonnontieteellinen keskusmuseo ja ympäristöministeriö. (viitattu [15.11.2013]) ISBN 978-952-10-6918-5.

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<b>Winter population size:</b> BirdLife International 2004
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### Germany: restocked population with captive bred birds

<b>Winter population size:</b> Wahl, J., J. Bellebaum, J. Blew, S. Garthe, K. Günther & T. Heinicke (in Vorb.): Rastende Wasservögel in Deutschland 2000-2005: Bestandsschätzungen und Schwellenwerte für Rastgebiete nationaler Bedeutung. Vogelwelt.
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<b>Winter short-term trend:</b> Muntenu A., Zubcov N., Jurminski S., Migration of the water-wading of birds from the republic of Moldova, Journal of Academy of Sciences of Moldova. Life Sciences. 2008. nr. 1(304), p.15-36

### Netherlands: restocked population with captive bred birds

<b>Winter population size:</b> Hornman et al 2012
<b>Winter short-term trend:</b> NEM (Sovon, RWS, CBS), Hornman et al 2013
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### Romania

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## *Anser erythropus* (Lesser White-fronted Goose)

### Ukraine

**Winter short-term trend:** 1. Русев И.Т., Корзюков А.И., Форманюк О.А., Панченко П.С. Зимовки водоплавающих и водно-болотных птиц в Северо-Западном Причерноморье в 2000-2001 гг. // Мониторинг зимующих птиц в Азово-Черноморском регионе Украины. – Одесса-Киев. – 2002. – С.54-74. 2. Русев И.Т., Корзюков А.И., Форманюк О.А., Панченко П.С., Гержик И.П. Результаты мониторинга зимующих птиц в прибрежной зоне Одесской области в период 2002-2003 гг. // Материалы научно-практической конференции Азово-Черноморского орнитологического союза. – Николаев. – 2003. – С.78-81. 3. Андрищенко Ю.А., Попенко В.М., Черничко И.И., Арсиевич Н.Г., Олейник Д.С. Результаты среднезимних учетов птиц на Сиваше в 2001 году // Бранта: Сборник трудов Азово-Черноморской орнитологической станции. - Вып.6. - Мелитополь: Бранта, 2003. - С.173-178. 4. Directory of Azov – Black Sea Coastal Wetlands / Ed. By G. Marushevsky – Kyiv, 2003, Wetland International, 235 p. 5. Русев И.Т., Корзюков А.И., Гержик И.П. Влияние аномальной зимы 2002-2003 гг на видовой состав и численность зимующих птиц в прибрежной зоне Одесской области // Вісник Одеського університету. – 2004. – Том 9.-Вип.1- Біологія. - С.193-202. 6. Directory of Ukraine's Wetlands / Ed. By G. Marushevsky & I. Zaruk. – Kyiv, 2006, Wetland International Black Sea Programme. - 312 с. 7. T.Jones, K.Martin, V.Barov, S.Nagy (при участии И.Русева). International Single Species Action Plan for the Conservation of the Lesser-White fronted Goose (*Anser erythropus*) . AEWA Technical Series N36, October, 2008. – 67 p. 8. Expert evaluation: Gorban I., Rusev I.

**Winter long-term trend:** 1. Madsen , J., Cracknell, G. & Fox A.D. (eds). 1999. Goose populations of the Western Palearctic. A review of status and distribution/ Wetland International.Publ. No48., Wetland International , Wageningen, The Netherlands, National Environmental Research Institute, Ronde, Denmark. 344 p. 2. Heath M.F., Evans M.I. Important birds areas in Europe. Priority sites for conservation. // Southern Europe. BirdLife International. - Cambridge. Vol.2., 2000. P. 691-724. 3. Directory of Azov – Black Sea Coastal Wetlands / Ed. By G. Marushevsky – Kyiv, 2003, Wetland International, 235 p. 4. Birds in Europe: Population Estimates, Trends and Conservation Status. BirdLife Conservation Series 12; 2004. 374 p. 5. Горбань І. Розміри популяцій зимуючих птахів України. Вісник Львівського університету. Серія біологічна. Вип. 35. 2004. С.23-39. 6. Directory of Ukraine's Wetlands / Ed. By G. Marushevsky & I. Zaruk. – Kyiv, 2006, Wetland International Black Sea Programme. - 312 с. 7. T.Jones, K.Martin, V.Barov, S.Nagy (при участии И.Русева). International Single Species Action Plan for the Conservation of the Lesser-White fronted Goose (*Anser erythropus*) . AEWA Technical Series N36, October, 2008. – 67 p. 8. Expert evaluation: Gorban I., Rusev I.

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