

## *Aythya marila* (Greater Scaup)

### 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).

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**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	
Estonia	1-5	<1	2008-2012	medium	-	50-70	2001-2012	medium	-	50-70	1980-2012	medium	
Finland	400-600	<1	2006-2010	medium	?				-	45	1980-2010	medium	
Germany	0-1	<1	2005-2009	good	0	0	1998-2009	medium	0	0	1985-2009	medium	
Iceland	3,000-5,000	3	1990	poor	-	10-29	1990-	poor	-	30-50	1990-2012	poor	
Norway	150-310	<1	2000-2014	poor	-	0-50	2000-2014	poor	?				
Russia	130,000-170,000	96	1998-2002	poor	?				-	5-10	1980-2008	medium	
Sweden	900-1,800	1	2008-2012	medium	0	0	2001-2012	medium	-	25-75	1980-2012	medium	
United Kingdom	0	<1	2004-2008	good	0	0	1996-2008	good	-	17	1980-2008	good	
<b>EU27</b>	<b>1,300-2,400</b>	<b>1</b>			<b>Decreasing</b>								
<b>Europe</b>	<b>134,000-178,000</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	
Albania	1-6	<1	2002-2012	good	0	0	2002-2012	good	?				
Armenia	2-6	<1	2003-2013	good	?				?				
Azerbaijan	1,500-6,500	2	1996-2002	medium	?				?				
Belarus	0-5	<1	2009-2013	good	0	0	2001-2012	medium	?				
Belgium	6-25	<1	2008-2012	good	?				-	95-100	1986-2012	medium	
Bosnia & HG	50-150	<1	2008-2013	medium	0	0	2000-2013	medium	?				
Bulgaria	1-160	<1	1997-2012	good	F	0-100	2000-2012	good	F	0-100	1980-2012	good	
Croatia	2-26	<1	2014	poor	?				?				
Denmark	15,400	8	2008	good	+	50-100	2000-2011	good	-	50-100	1980-2011	good	
DK: Faroe Is	0-20	<1	1992	medium	?				?				
Estonia	100-2,000	<1	2008-2012	medium	0	0-10	2001-2012	medium	0	0-10	1980-2012	medium	
France	272	<1	2012	medium	-	68-70	2001-2012	medium	-	80-82	1980-2012	medium	
Georgia	Present	<1	2012		?				?				
Germany	70,000	36	2000-2005	good	F	0	1997-2009	good	-	28-88	1984-2009	good	
Iceland	Present	<1	2012		?				?				
Rep. Ireland	820	<1	2006-2011	good	-	59	1999-2011	good	?				
Italy	24-230	<1	2007-2009	good	-	50-85	2000-2009	good	F	0-95	1991-2009	good	
Moldova	20-90	<1	2000-2010	medium	F	20-30	2000-2010	medium	F	20-40	1980-2010	medium	
Netherlands	43,327-99,296	34	2006-2010	good	F	0	2000-2011	good	-	19-69	1981-2011	good	
Norway	500-1,000	<1	1994-2003	medium	F	0	2001-2013	medium	F	0	1980-2013	good	
Poland	5,000-60,000	9	2005-2012	medium	?				F	0	1985-2012	medium	
Romania	100-600	<1	2008-2013	medium	-	2-21	2000-2013	medium	?				
Serbia	10-50	<1	2008-2012	medium	F	0	2000-2012		?				
Slovenia	5-11	<1	2008-2012	good	0	0	2001-2012	medium	-	50-70	1980-2012	medium	
Sweden	4,500-14,000	4	2008-2012	good	+	30-70	2001-2012	good	-	30-70	1980-2012	good	
Switzerland	4-26	<1	2008-2012	good	-	61	2001-2012	good	-	90	1980-2012	good	
Turkey	0-25	<1	2002-2012	good	?				?				
United Kingdom	12,000	6	2004-2008	medium	-	29	1999-2010	medium	+	22	1980-2010	medium	
<b>EU27</b>	<b>152,000-275,000</b>	<b>98</b>			<b>Fluctuating</b>								
<b>Europe</b>	<b>154,000-283,000</b>	<b>100</b>			<b>Fluctuating</b>								

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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	

<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

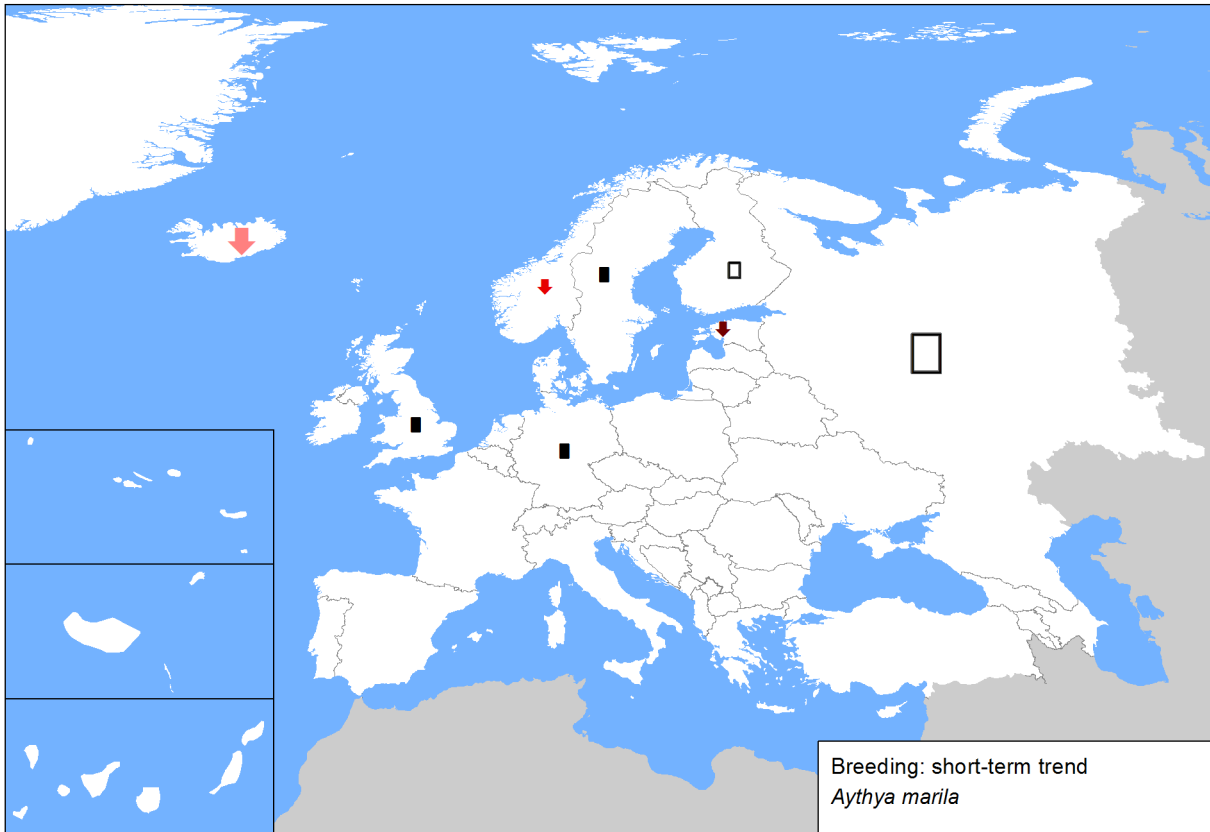
- |   |                                  |
|---|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (20–49%)     |
| ↑ Small increase ( $< 20\%$ )           | ↓ Small decrease ( $< 20\%$ )    |
| ↑ 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.

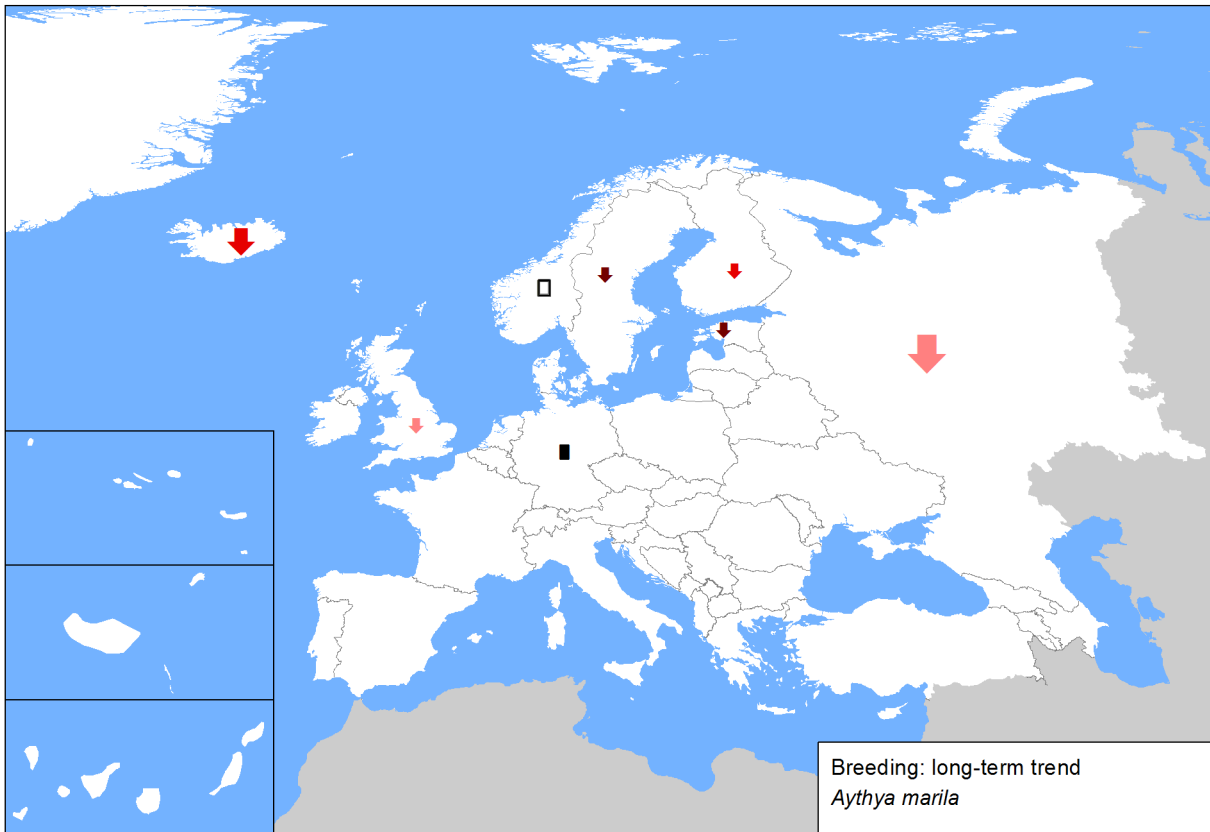
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small:  $< 1\%$  of the European population

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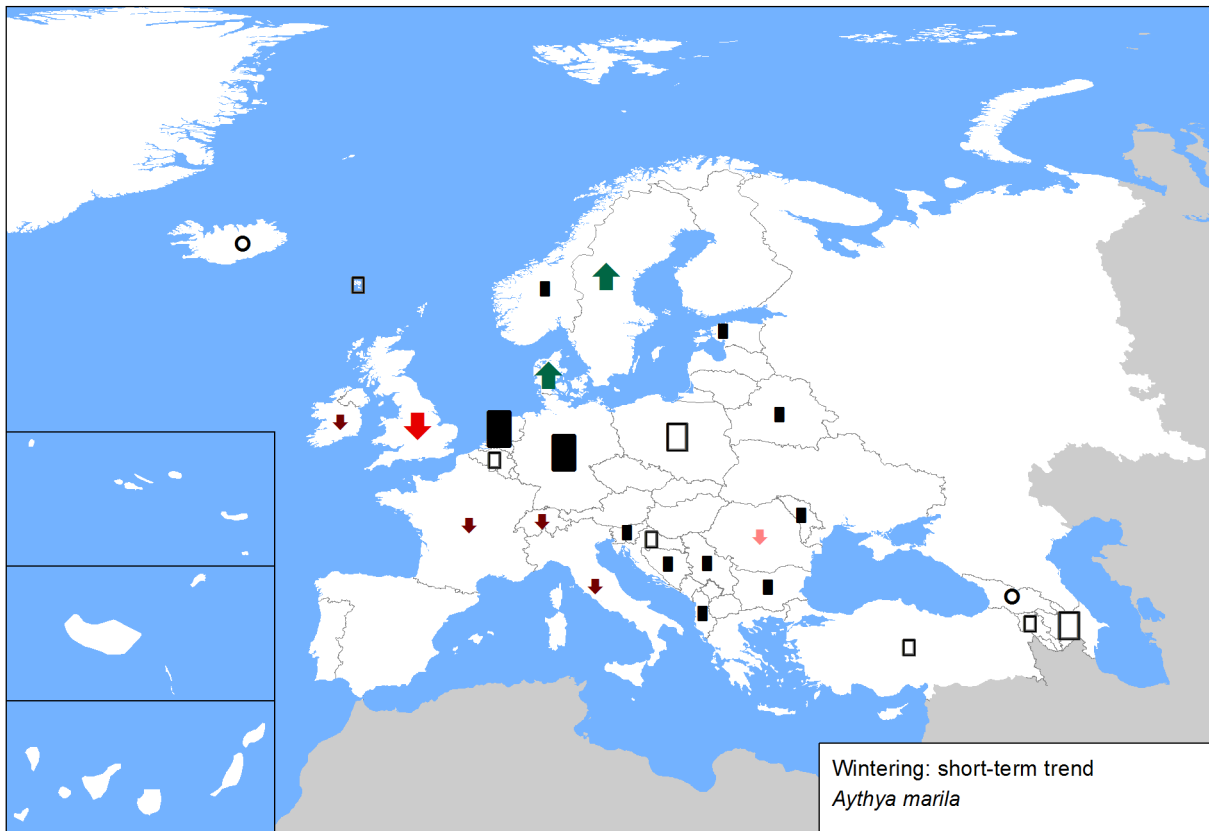
**Figure 1.** Breeding population sizes and short-term trends across Europe.



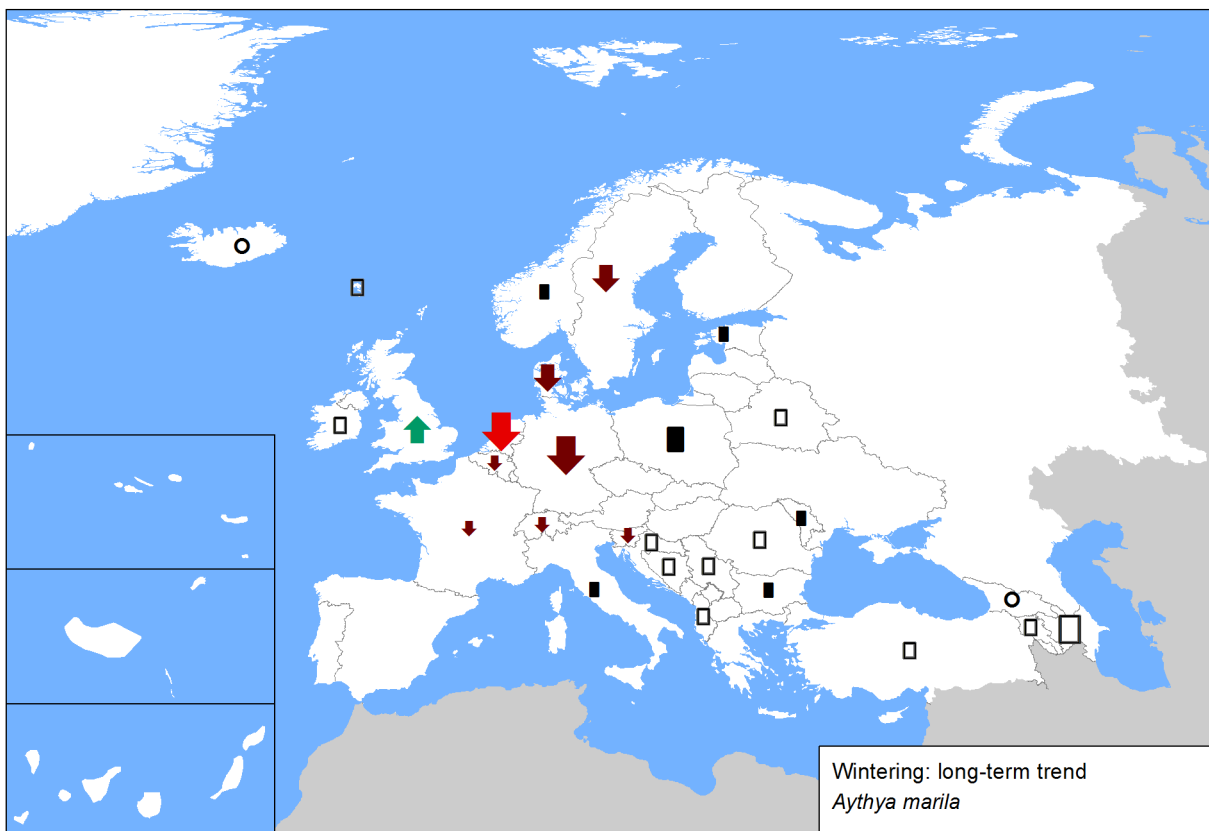
**Figure 2.** Breeding population sizes and long-term trends across Europe.



**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.



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### Sources

#### Albania

**Winter population size:** Bino pers. obs.

**Winter short-term trend:** Bino pers. obs.

**Winter long-term trend:** Bino pers. obs.

#### Armenia

**Winter population size:** ASPB IWC counts

#### Azerbaijan

**Winter population size:** BirdLife International 2004

#### Belarus

**Winter population size:** Bogdanovich I.A. - personal communication

**Winter short-term trend:** Bogdanovich I.A. - personal communication

#### Belgium

**Winter population size:** waterbird database INBO + Aves, seabird database INBO

**Winter short-term trend:** waterbird database INBO and Aves

**Winter long-term trend:** waterbird database INBO and Aves, seabird database INBO

#### Bosnia and Herzegovina

**Winter population size:** Kotrošan, D., Dervović, I., 2010: Rezultati zimskog brojanja ptica močvarica u Bosni i Hercegovini za period od 2008. do 2010. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 6(6): 23-45., Dervović, I. & Kotrošan, D., 2011/2012: Rezultati zimskog brojanja ptica močvarica u Bosni i Hercegovini u 2011. godini. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 44-55., Topić, G. & Kotrošan, D., 2011/2012: Rezultati Međunarodnog cenzusa ptica vodenih staništa u Bosni i Hercegovini 2012. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 56-73., Topić, G., 2013: Rezultati Međunarodnog cenzusa ptica vodenih staništa u Bosni i Hercegovini 2013. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 14-40.

**Winter short-term trend:** Dervović, I. 2005: Rezultati januarskog brojanja vodenih ptica 1998-2005. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 1(1): 43-45. Dervović, I. 2006: Rezultati zimskog prebrojavanja ptica močvarica u Bosni i Hercegovini u 2006. godini. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 2(2): 20-22. Dervović, I. 2007: Izveštaj o januarskom prebrojavanju vodenih ptica u 2007. godini. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 3(3): 47. Kotrošan, D., Dervović, I., 2010: Rezultati zimskog brojanja ptica močvarica u Bosni i Hercegovini za period od 2008. do 2010. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 6(6): 23-45., Dervović, I. & Kotrošan, D., 2011/2012: Rezultati zimskog brojanja ptica močvarica u Bosni i Hercegovini u 2011. godini. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 44-55., Topić, G. & Kotrošan, D., 2011/2012: Rezultati Međunarodnog cenzusa ptica vodenih staništa u Bosni i Hercegovini 2012. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 56-73., Topić, G., 2013: Rezultati Međunarodnog cenzusa ptica vodenih staništa u Bosni i Hercegovini 2013. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 14-40.

#### Bulgaria

**Winter population size:** BSPB GIS related ornithological database

**Winter short-term trend:** BSPB GIS related ornithological database

**Winter long-term trend:** BSPB GIS related ornithological database

#### Croatia

**Winter population size:** Tutiš, V., Kralj, J., Radović, D., Čiković, D. i Barišić, S. (2013): Crvena knjiga ptica Republike Hrvatske. Ministarstvo zaštite okoliša i prirode, Državni zavod za zaštitu prirode, Zagreb ; International Waterbird Census Count Totals 2010 - 2013: African-Eurasian region ( <http://www.wetlands.org/LinkClick.aspx?fileticket=0YKYRi11%2F0k%3d&tabid=3044>)

**Winter short-term trend:** BiE III Work group, Croatia

**Winter long-term trend:** BiE III Work group, Croatia

#### Denmark

**Winter population size:** Pihl, S., Clausen, P., Petersen, I.K., Nielsen, R.D., Laursen, K., Bregnballe, T., Holm, T.E. & Søgaaard, B. (2013): Fugle 2004-2011. NOVANA. Aarhus Universitet, DCE - Nationalt Center for Miljø og Energi. - Videnskabelig rapport fra DCE nr. 49. 188 s.

**Winter short-term trend:** Pihl, S., Clausen, P., Petersen, I.K., Nielsen, R.D., Laursen, K., Bregnballe, T., Holm, T.E. & Søgaaard, B. (2013): Fugle 2004-2011. NOVANA. Aarhus Universitet, DCE - Nationalt Center for Miljø og Energi. - Videnskabelig rapport fra DCE nr. 49. 188 s.

**Winter long-term trend:** Pihl, S., Clausen, P., Petersen, I.K., Nielsen, R.D., Laursen, K., Bregnballe, T., Holm, T.E. & Søgaaard, B. (2013): Fugle 2004-2011. NOVANA. Aarhus Universitet, DCE - Nationalt Center for Miljø og Energi. - Videnskabelig rapport fra DCE nr. 49. 188 s.

#### DK: Faroe Is

**Winter population size:** BirdLife International 2004

#### Estonia

**Breeding population size:** Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: [http://www.eoy.ee/hirundo/file\\_download/149/Elts\\_et\\_al\\_2013\\_2.pdf](http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf)

**Breeding short-term trend:** Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: [http://www.eoy.ee/hirundo/file\\_download/149/Elts\\_et\\_al\\_2013\\_2.pdf](http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf)



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### Estonia

<b>Breeding long-term trend:</b> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. <i>Hirundo</i> 26(2): 80-112. URL: <a href="http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf">http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf</a>
<b>Winter population size:</b> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. <i>Hirundo</i> . In prep.
<b>Winter short-term trend:</b> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. <i>Hirundo</i> . In prep.
<b>Winter long-term trend:</b> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. <i>Hirundo</i> . In prep.

### Finland

<b>Breeding population size:</b> Väisänen, Risto A., Hario, Martti & Saurola, Pertti 2011: Population estimates of Finnish birds. In: Valkama, Jari, Vepsäläinen, Ville & Lehtikoinen, Aleksi 2011: The Third Finnish Breeding Bird Atlas. – Finnish Museum of Natural History and Ministry of Environment. (cited [15.11.2013]) ISBN 978-952-10-7145-4. Hario, M. & Rintala, J. 2007: Population trends of sea terns, the <i>Aythya</i> ducks, the Black-headed Gull and the Common Eider on Finnish coasts in 1986-2006. – <i>Linnut-vuosikirja</i> 2006: 36-42 (in Finnish with English summary).
<b>Breeding long-term trend:</b> Archipelago Bird Census data.

### France

<b>Winter population size:</b> Caizergues, A ONCFS Plan national de gestion (2012-2016) <i>Fuligule milouinan</i> ( <i>Aythya fuligula</i> ) Deceuninck, B., Maillet, N., Ward, A., Dronneau, C. & Mahéo, R. 2013 Synthèse des dénombrements d'Anatidés et de foulques hivernant en France à la mi-janvier 2012, Rochefort sur Mer, LPO, 42
<b>Winter short-term trend:</b> Pas de référence bibliographique disponible
<b>Winter long-term trend:</b> Pas de référence bibliographique disponible

### Georgia

<b>Winter population size:</b> BirdLife International 2004
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### Germany

<b>Breeding population size:</b> Gedeon, K., C. Grüneberg, A. Mitschke & C. Sudfeldt (in Vorb.): Atlas Deutscher Brutvogelarten. SVD & DDA, Münster.
<b>Breeding short-term trend:</b> Dachverband Deutscher Avifaunisten e.V.
<b>Breeding long-term trend:</b> Dachverband Deutscher Avifaunisten e.V.
<b>Winter population size:</b> Wahl, J., J. Bellebaum, J. Blew, S. Garthe, K. Günther & T. Heinicke (in Vorb.): Rastende Wasservogel in Deutschland 2000-2005: Bestandsschätzungen und Schwellenwerte für Rastgebiete nationaler Bedeutung. Vogelwelt.
<b>Winter short-term trend:</b> Monitoring rastender Wasservogel
<b>Winter long-term trend:</b> Monitoring rastender Wasservogel

### Iceland

<b>Breeding population size:</b> Umhverfisráðuneytið 1992
<b>Breeding short-term trend:</b> The Icelandic Institute of Natural History 2000
<b>Breeding long-term trend:</b> Umhverfisráðuneytið 1992

### Republic of Ireland

<b>Winter population size:</b> Crowe, O. & Holt, C. (2013) Estimates of waterbird numbers wintering in Ireland, 2006/07 – 2010/11. <i>Irish Birds</i> 9:4.
<b>Winter short-term trend:</b> Crowe, O. (2013) Calculations of short- and long-term trends of wintering waterbirds for Article 12 reporting. Unpublished note. Crowe, O. & Holt, C. (2013) Estimates of waterbird numbers wintering in Ireland, 2006/07 – 2010/11. <i>Irish Birds</i> 9:4.
<b>Winter long-term trend:</b> Crowe, O. (2013) Calculations of short- and long-term trends of wintering waterbirds for Article 12 reporting. Unpublished note. Crowe, O. & Holt, C. (2013) Estimates of waterbird numbers wintering in Ireland, 2006/07 – 2010/11. <i>Irish Birds</i> 9:4. Sheppard, R. (1993) Ireland's Wetland Wealth. <i>Irish Wildbird Conservancy</i> .

### Italy

<b>Winter population size:</b> IWC ISPRA
<b>Winter short-term trend:</b> IWC ISPRA
<b>Winter long-term trend:</b> IWC ISPRA Baccetti N, Dall'Antonia P, Magagnoli P, Melega L, Serra L, Soldatini C & Zenatello M. 2002. Risultati dei censimenti degli uccelli acquatici svernanti in Italia: distribuzione, stima e trend delle popolazioni nel 1991-2000. <i>Biol. Cons. Fauna</i> 111: 1-240

### Moldova

<b>Winter population size:</b> Манторов О., Визир И., Особенности зимовки и весеннего пролета водоплавающих и околоводных птиц на среднем Днестре в период 2006-2007 годов. <i>Diversitatea, valorificarea rațională și protecția lumii animale</i> . 2009: 66-68
<b>Winter short-term trend:</b> Манторов О., Визир И., Особенности зимовки и весеннего пролета водоплавающих и околоводных птиц на среднем Днестре в период 2006-2007 годов. <i>Diversitatea, valorificarea rațională și protecția lumii animale</i> . 2009: 66-68 Winter assessment of water birds in Moldova
<b>Winter long-term trend:</b> 1. Burfield I., Bommel van F., <i>Birds in Europe. Population estimates, trends and conservation status</i> . BirdLife International. Oxford, 2004. 374p. 2. Манторов О., Визир И., Особенности зимовки и весеннего пролета водоплавающих и околоводных птиц на среднем Днестре в период 2006-2007 годов. <i>Diversitatea, valorificarea rațională și protecția lumii animale</i> . 2009: 66-68

### Netherlands

<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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### Netherlands

**Winter long-term trend:** NEM (Sovon, RWS, CBS), Hornman et al 2013

### Norway

**Breeding population size:** County bird recording committees (LRSK), Shimmings P. & Øien, I.J. 2015. Bestandsestimater og trender for norske hekkefugler. NOF-rapport 2015-2.

**Breeding short-term trend:** Shimmings P. & Øien, I.J. 2015. Bestandsestimater og trender for norske hekkefugler. NOF-rapport 2015-2.

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**Winter population size:** Swiss Ornithological Institute. Winter waterbird census (January). <http://www.vogelwarte.ch/monitoring-wintering-waterbirds.html> Min Max of total count

**Winter short-term trend:** Swiss Ornithological Institute. Winter waterbird census (January). <http://www.vogelwarte.ch/monitoring-wintering-waterbirds.html>

## *Aythya marila* (Greater Scaup)

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