



THE IUCN RED LIST
OF THREATENED SPECIES™



Haematopus ostralegus (Eurasian Oystercatcher)

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.

Haematopus ostralegus (Eurasian Oystercatcher)

Table 1. Reported national breeding population size and trends in Europe¹.

Country (or territory) ²	Population estimate				Short-term population trend ⁴				Long-term population trend ⁴				Subspecific population (where relevant)
	Size (pairs) ³	Europe (%)	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	
Albania	5-10	<1	2002-2012	medium	-	20-30	2002-2012	medium	-	30-50	1980-2012	poor	
Belarus	300	<1	2001-2012	medium	+	0-30	2001-2012	medium	+	33	1980-2012	medium	
Belgium	1,500-2,000	1	2008-2012	medium	0	0	2000-2012	medium	+	436-669	1973-2012	medium	
Bulgaria	30-67	<1	2005-2012	medium	?				?				
Denmark	7,000	2	2011	medium	-	20-33	1999-2011	good	-	20-33	1980-2011	good	
DK: Faroe Is	10,000	3	2014	medium	?				?				
Estonia	2,500-3,500	1	2008-2012	poor	-	20-50	2001-2012	poor	0	0-10	1980-2012	poor	
Finland	3,400-4,900	1	2006-2012	good	+	1-22	2001-2012	good	+	7-35	1980-2012	good	
France	1,100-1,300	<1	2010-2011	good	+	10-25	1996-2010	poor	+	40-60	1983-2011	poor	
Germany	25,000-33,000	9	2005-2009	good	0	0	1998-2009	medium	0	0	1985-2009	medium	
Greece	60-100	<1	2008-2012	medium	0	0	2001-2012	medium	-	5-30	1980-2012	poor	
Iceland	10,000-20,000	4	1990	poor	?				?				
Rep. Ireland	2,316-3,087	1	2008-2011	medium	?				?				
Italy	260-330	<1	2009-2013	medium	+	85-120	2002-2013	medium	+	550-730	1983-2013	medium	
Latvia	72-125	<1	2000-2004	good	?				+	4-150	1980-2004	medium	
Lithuania	10-30	<1	2008-2012	medium	-	50-75	2001-2012	medium	+	900-2900	1980-2012	medium	
Montenegro	2-5	<1	2002-2012	medium	-		2002-2012	medium	?				
Netherlands	65,000-87,000	24	2009	good	-	32-37	2002-2011	medium	-	67-72	1984-2011	medium	
Norway	30,000-40,000	11	2013	poor	?				?				
Poland	15-25	<1	2008-2012	good	0	0	1997-2012	medium	+	200-210	1980-2012	medium	
Romania	50-150	<1	2008-2013	medium	+	0-19	2000-2012	poor	+	0-19	1980-2012	poor	
Russia	6,500-15,500	3	2000-2008	medium	-	5-30	2000-2012	medium	-	5-30	1980-2012	medium	
Spain	49-51	<1	2005-2007	good	0	0	1998-2009	good	0	0	1980-2009	medium	
Sweden	8,000-14,000	3	2008-2012	good	-	5-15	2001-2012	good	-	15-35	1980-2012	good	
Turkey	300-500	<1	2013	medium	-	20-29	2000-2012	poor	0	0-19	1990-2013	medium	
Ukraine	650-880	<1	2000	medium	F	10-20	1998-2010	medium	F	10-20	1980-2012	medium	
United Kingdom	110,000	35	2009	medium	-	8	1998-2010	good	+	340	1970-2009	good	
EU27	226,000-267,000	77		Decreasing									
Europe	284,000-354,000	100		Decreasing									

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Table 1. Reported national breeding population size and trends in Europe¹.

Country (or territory) ²	Population estimate				Short-term population trend ⁴				Long-term population trend ⁴				Subspecific population (where relevant)
	Size (pairs) ³	Europe (%)	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	

¹ 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>.

² 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.

³ 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.

⁴ 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.

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

⁶ Trend magnitudes are rounded to the nearest integer.

Haematopus ostralegus (Eurasian Oystercatcher)

Table 2. Reported national wintering population sizes and trends in Europe¹. 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) ²	Population estimate				Short-term population trend ⁴				Long-term population trend ⁴				Subspecific population (where relevant)
	Size (individuals) ³	Europe (%)	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	
Albania	2-7	<1	2002-2012	good	F	0-100	2002-2012	good	-	30-50	1980-2012	poor	
Denmark	43,000	5	2008	good	0	0	2000-2011	good	+	50-100	1980-2011	good	
DK: Faroe Is	10-50	<1	1992	medium	?				?				
France	48,000-55,000	6	2000-2006	good	-	6-33	1999-2012	good	+	62-93	1980-2012	good	
Georgia	Present	<1	2012		?				?				
Germany	205,000	24	2000-2005	good	-	28-43	1997-2009	good	-	44-60	1987-2009	good	
Greece	100-381	<1	2007-2013	good	0	0	2004-2013	medium	?			medium	
Iceland	Present	<1	2012		?				?				
Rep. Ireland	45,480	5	2006-2011	good	0	0	1999-2011	good	?				
Netherlands	160,387-208,447	21	2006-2010	good	-	23-40	2000-2011	good	-	45-56	1981-2011	good	
Norway	250-350	<1	1994-2003	medium	?				?				
Portugal	800-1,000	<1	2008-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	medium	
Spain	2,960-3,362	<1	2008-2010	good	+	21	2000-2010	good	+	2	1980-2010	good	
Turkey	30-90	<1	2012	poor	0	0	2002-2012	poor	?				
United Kingdom	340,000	39	2004-2008	good	-	17	1999-2010	good	0	0	1980-2010	good	
EU27	846,000-902,000	100			Decreasing								
Europe	846,000-902,000	100			Decreasing								

¹ 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>.

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³ 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.

⁴ 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.

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

⁶ 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.

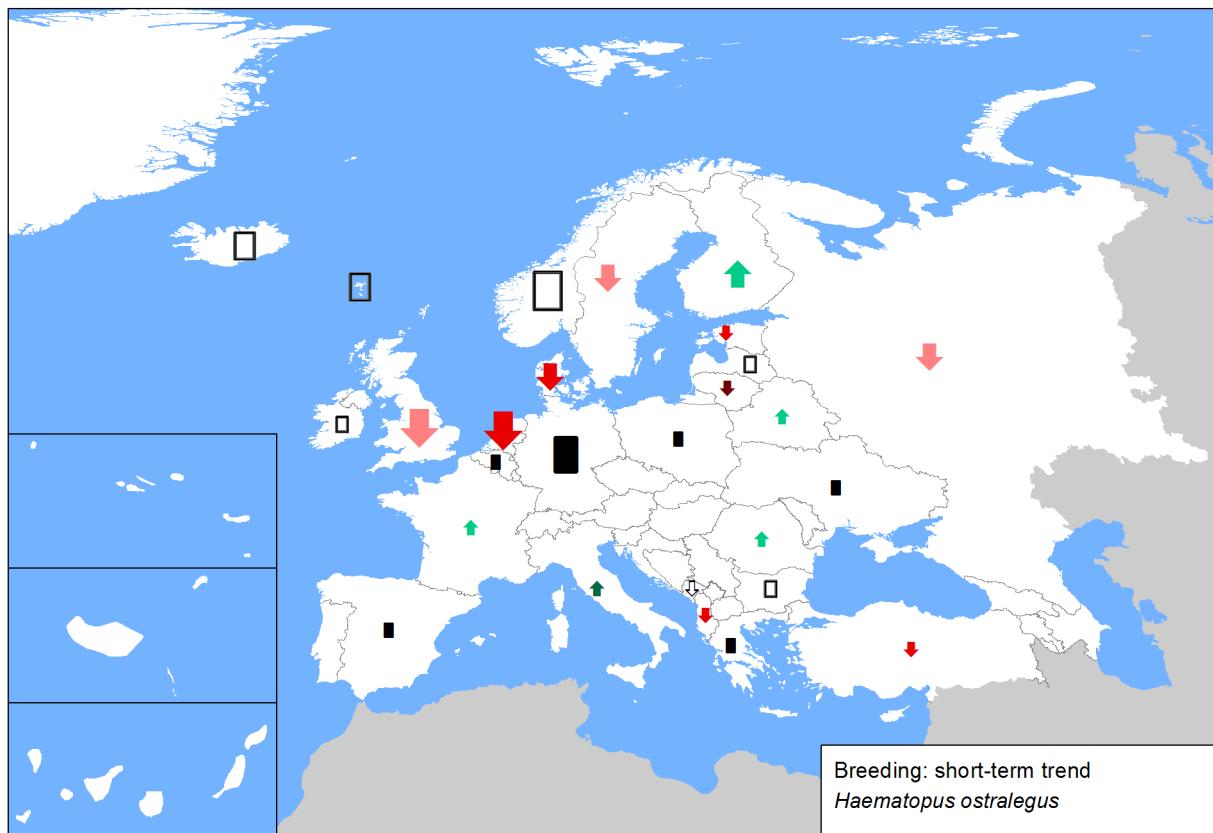


Figure 2. Breeding population sizes and long-term trends across Europe.

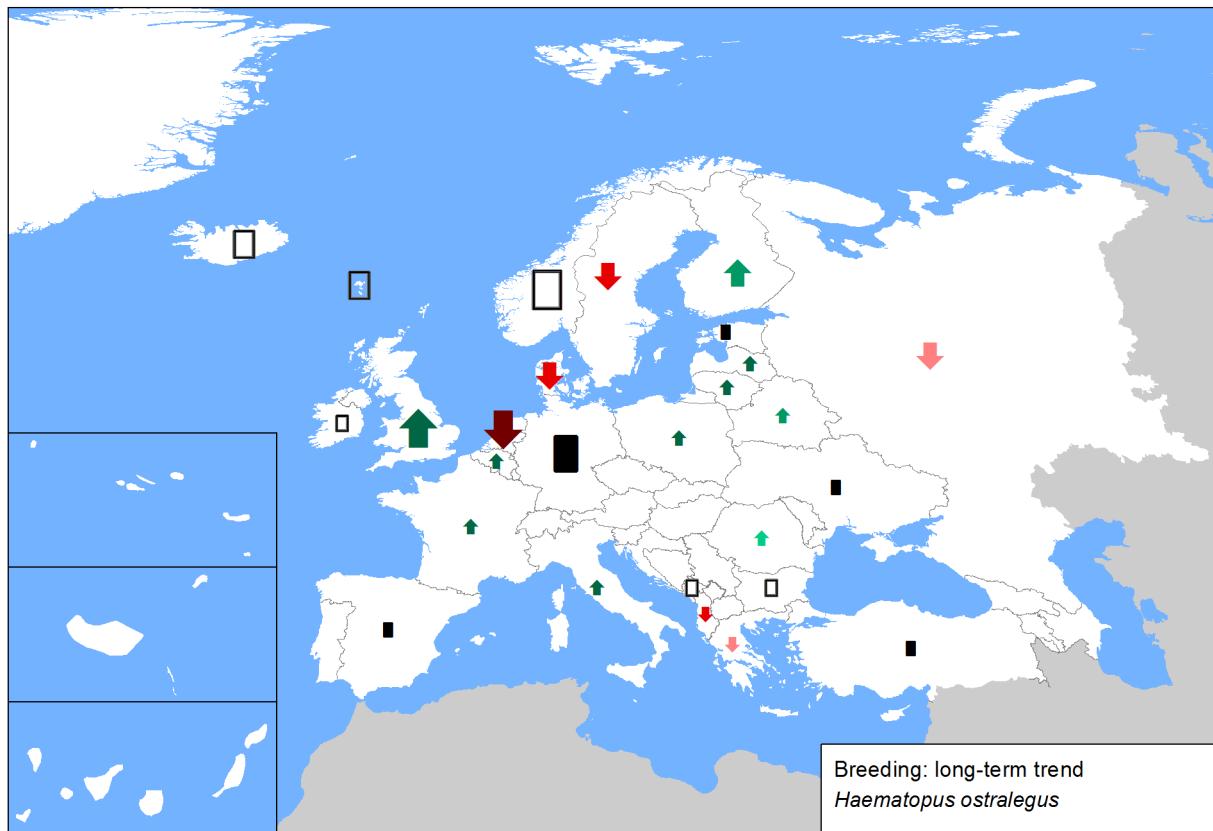


Figure 3. Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.

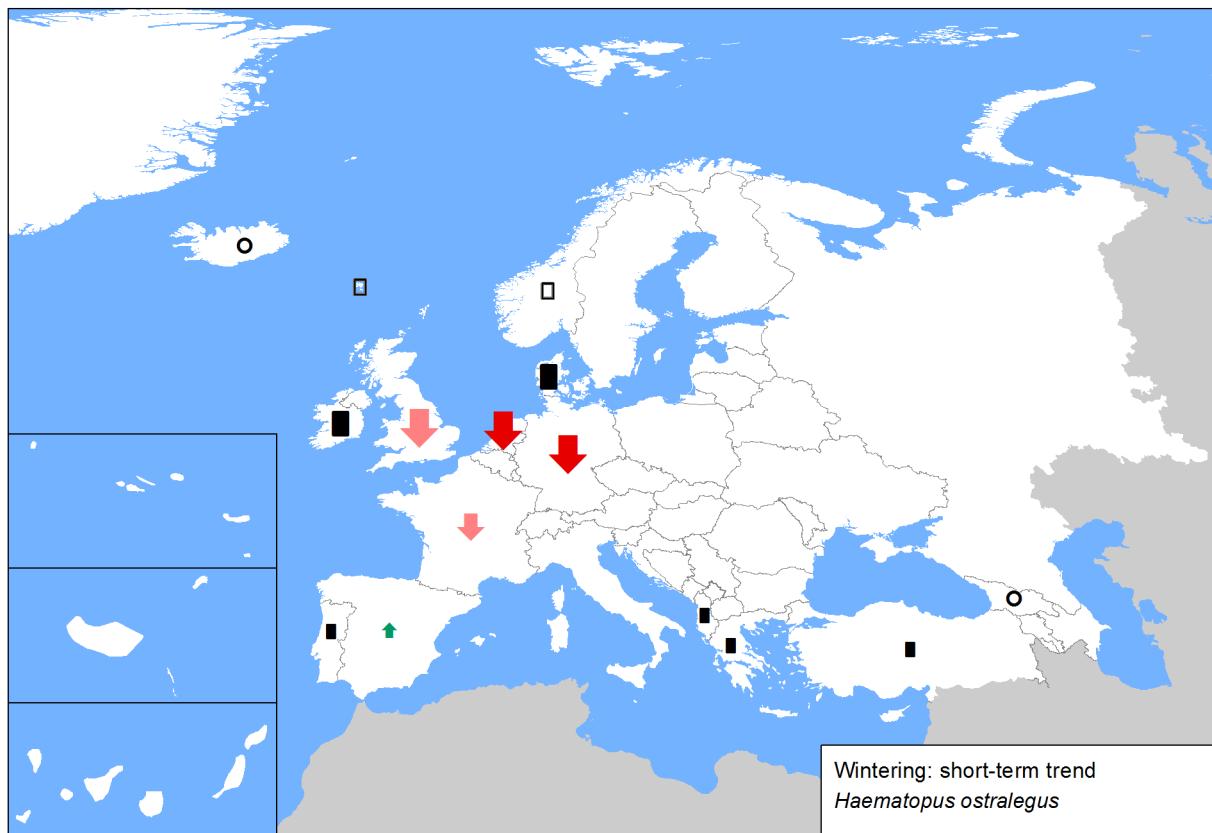
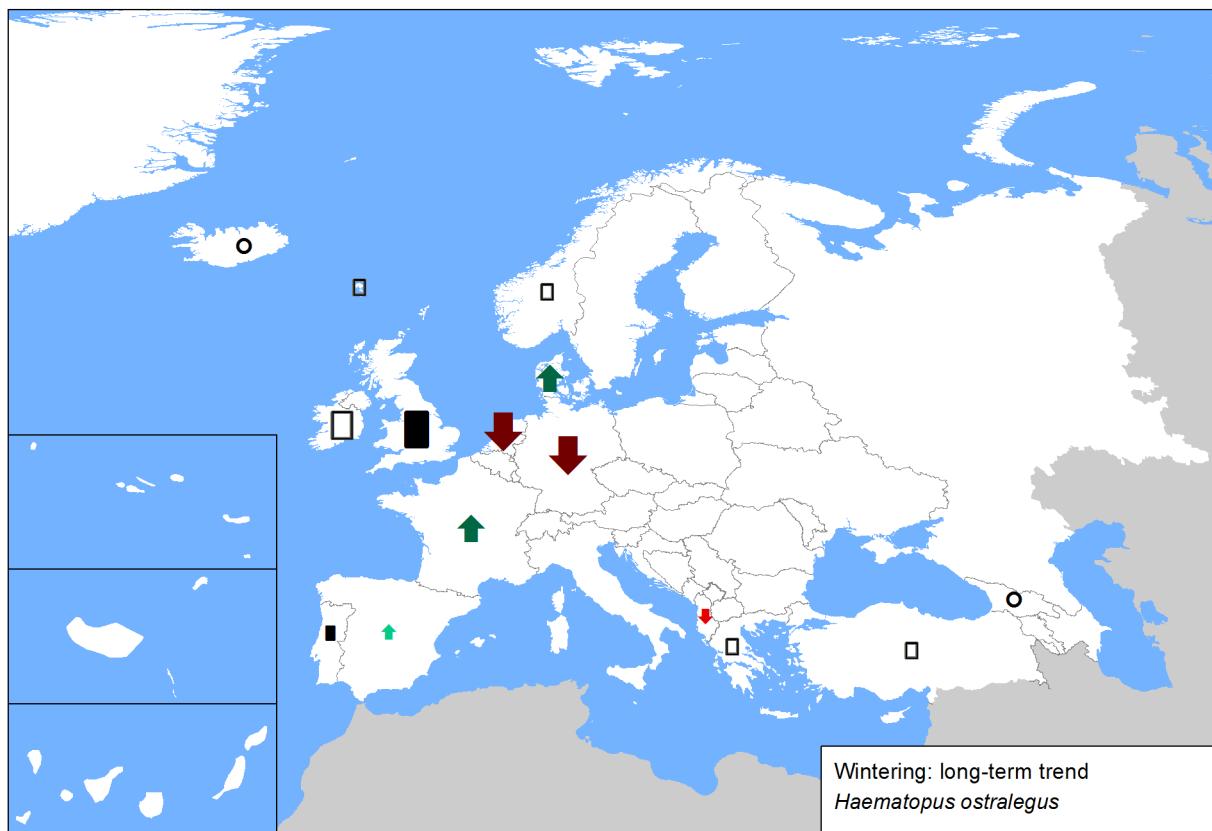


Figure 4. Reported wintering population sizes and long-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



Haematopus ostralegus (Eurasian Oystercatcher)

Sources

Albania

Breeding population size:	Bino pers. obs.
Breeding short-term trend:	Bino pers. obs.
Breeding long-term trend:	Bino pers. obs.
Winter population size:	Bino pers. obs.
Winter short-term trend:	Bino pers. obs.
Winter long-term trend:	Bino pers. obs.

Belarus

Breeding population size:	Nikiforov M.E., Mongin E.A. Breeding shorebirds of Belarus: estimates of numbers and current trends of dynamics // Breeding shorebirds of Eastern Europe – 2000. – M. 1998. – V. 1. – P. 93-96. Red data book of the Republic of Belarus. – 2004. – Minsk. – 320 p. Karlionova N.V. - personal communication
Breeding short-term trend:	Nikiforov M.E., Mongin E.A. Breeding shorebirds of Belarus: estimates of numbers and current trends of dynamics // Breeding shorebirds of Eastern Europe – 2000. – M. 1998. – V. 1. – P. 93-96. Red data book of the Republic of Belarus. – 2004. – Minsk. – 320 p. Karlionova N.V. - personal communication
Breeding long-term trend:	Red data book of the Republic of Belarus. – 1981. – Minsk. – 288 p.

Belgium

Breeding population size:	Data Breeding Bird atlas Wallonia (Jacob et al 2010), Brussels (Weiserbs 2012) and Flanders (Vermeersch et al 2004) in combination with trend data.
Breeding short-term trend:	Rare bird panel
Breeding long-term trend:	Comparison between 2008-2012 estimate and Devillers, 1989 (Atlas of the Belgian Breeding Bird) population estimate

Bulgaria

Breeding population size:	PETROV, T., Z. BOEV, S. DALAKCHIEVA. Eurasian Oystercatcher <i>Haematopus ostralegus</i> . Red Data Book of Bulgaria,. e-version: http://e-ecodb.bas.bg/rdb/en/vol2/Haostral.html last access: August 2013 IANKOV, P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. BSPB Conservation Series, Book 10. Sofia. 679 pp. NANKINOV, D., A. DUTSOV, B. NIKOLOV, B. BORISSOV, G. STOYANOV, G. GRADEV, D. GEORGIEV, D. POPOV, D. DOMUSCHIEV, D. KIROV, E. TILOVA, I. NIKOLOV, I. IVANOV, K. DICHEV, K. POPOV, N. KARAIKANOV, N. TODOROV, P. SHURULINKOV, R. STANCHEV, R. ALEKSOV, R. TSONEV, S. DALAKTCHIEVA, S. IVANOV, S. MARIN, S. STAJKOV, S. NIKOLOV & H. NIKOLOV. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 pp. NANKINOV, D., S. SIMEONOV, T. MICHEV, B. IVANOV. 1997. The Fauna of Bulgaria. Vol. 26. AVES. Part II. BAS Press, Pensoft. Sofia. 428 pp.
Breeding short-term trend:	PETROV, T., Z. BOEV, S. DALAKCHIEVA. Eurasian Oystercatcher <i>Haematopus ostralegus</i> . Red Data Book of Bulgaria. E-version: http://e-ecodb.bas.bg/rdb/en/vol2/Haostral.html last access: August 2013 IANKOV, P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. BSPB Conservation Series, Book 10. Sofia. 679 pp. NANKINOV, D., A. DUTSOV, B. NIKOLOV, B. BORISSOV, G. STOYANOV, G. GRADEV, D. GEORGIEV, D. POPOV, D. DOMUSCHIEV, D. KIROV, E. TILOVA, I. NIKOLOV, I. IVANOV, K. DICHEV, K. POPOV, N. KARAIKANOV, N. TODOROV, P. SHURULINKOV, R. STANCHEV, R. ALEKSOV, R. TSONEV, S. DALAKTCHIEVA, S. IVANOV, S. MARIN, S. STAJKOV, S. NIKOLOV & H. NIKOLOV. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 pp. NANKINOV, D., S. SIMEONOV, T. MICHEV, B. IVANOV. 1997. The Fauna of Bulgaria. Vol. 26. AVES. Part II. BAS Press, Pensoft. Sofia. 428 pp.
Breeding long-term trend:	PETROV, T., Z. BOEV, S. DALAKCHIEVA. Eurasian Oystercatcher <i>Haematopus ostralegus</i> . Red Data Book of Bulgaria. E-version: http://e-ecodb.bas.bg/rdb/en/vol2/Haostral.html last access: August 2013 IANKOV, P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. BSPB Conservation Series, Book 10. Sofia. 679 pp. NANKINOV, D., A. DUTSOV, B. NIKOLOV, B. BORISSOV, G. STOYANOV, G. GRADEV, D. GEORGIEV, D. POPOV, D. DOMUSCHIEV, D. KIROV, E. TILOVA, I. NIKOLOV, I. IVANOV, K. DICHEV, K. POPOV, N. KARAIKANOV, N. TODOROV, P. SHURULINKOV, R. STANCHEV, R. ALEKSOV, R. TSONEV, S. DALAKTCHIEVA, S. IVANOV, S. MARIN, S. STAJKOV, S. NIKOLOV & H. NIKOLOV. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 pp. NANKINOV, D., S. SIMEONOV, T. MICHEV, B. IVANOV. 1997. The Fauna of Bulgaria. Vol. 26. AVES. Part II. BAS Press, Pensoft. Sofia. 428 pp.

Denmark

Breeding population size:	BIRDLIFE INTERNATIONAL (2004) Birds in Europe: population estimates, trends and conservation status. Wageningen, The Netherlands: BirdLife International. (BirdLife Conservation Series No. 12) Heldbjerg, H. & Lerche-Jørgensen, M. (2012): Overvågning af de danske almindelige fuglearter i Danmark 1975-2011. Årsrapport for Punkttællingsprojektet. Dansk Ornitoligisk Forening. (The Danish Point Count Census for breeding birds during the period 1999-2011)
Breeding short-term trend:	Heldbjerg, H. & Lerche-Jørgensen, M. (2012): Overvågning af de danske almindelige fuglearter i Danmark 1975-2011. Årsrapport for Punkttællingsprojektet. Dansk Ornitoligisk Forening. (The Danish Point Count Census for breeding birds during the period 1999-2011)
Breeding long-term trend:	Heldbjerg, H. & Lerche-Jørgensen, M. (2012): Overvågning af de danske almindelige fuglearter i Danmark 1975-2011. Årsrapport for Punkttællingsprojektet. Dansk Ornitoligisk Forening. (The Danish Point Count Census for breeding birds during the period 1980-2011)
Winter population size:	Petersen, I.K., Nielsen, R.D., Pihl, S., Clausen, P., Therkildsen, O., Christensen, T.K., Kahlert, J. & Hounisen, J.P. 2010. Landsdækkende optælling af vandfugle i Danmark, vinteren 2007/2008. Danmarks Miljøundersøgelser, Aarhus Universitet. 78 s. – Arbejdsrapport fra DMU nr. 261.
Winter short-term trend:	Petersen, I.K., Nielsen, R.D., Pihl, S., Clausen, P., Therkildsen, O., Christensen, T.K., Kahlert, J. & Hounisen, J.P. 2010. Landsdækkende optælling af vandfugle i Danmark, vinteren 2007/2008. Danmarks Miljøundersøgelser, Aarhus Universitet. 78 s. – Arbejdsrapport fra DMU nr. 261. Pihl, S., Petersen, I.K., Hounisen, J.P. & Laubek, B. (2001): Landsdækkende optælling af vandfugle, vinteren 1999/2000. Danmarks Miljøundersøgelser. - Faglig rapport fra DMU nr. 356. 46 s.
Winter long-term trend:	Laursen, K. & Frikke, J. (2013): Rastende vandfugle i Vadehavet 1980-2010. - Dansk Ornitoligisk Forenings Tidsskrift 107: 1-184.

DK: Faroe Is

Breeding population size:	BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. BirdLife International, Cambridge, UK. Hammer et al. (2014) Færøsk trækfugleatlas [Faroeese bird migration atlas]. Fróðskapur / Faroe University Press, Tórshavn.
Winter population size:	BirdLife International 2004

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Estonia

Breeding population size:	Elts, J., Leito, A., Leivits, A., Luigjõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo. In prep.
Breeding short-term trend:	Elts, J., Leito, A., Leivits, A., Luigjõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo. In prep.
Breeding long-term trend:	Elts, J., Leito, A., Leivits, A., Luigjõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo. In prep.

Finland

Breeding population size:	Archipelago Bird Census data.
Breeding short-term trend:	Archipelago Bird Census data.
Breeding long-term trend:	Archipelago Bird Census data.

France

Breeding population size:	Issa, N. 2012 Limicoles nicheurs en France. Enquête 2010-2011 - Année 2, Rochefort, LPO, 41 p.
Breeding short-term trend:	Deceuninck, B. & Mahéo, R. 1998 Limicoles nicheurs de France. Synthèse de l'enquête nationale 1995-1996 et évolution des populations sur 12 ans, 97-117 Dubois, P. J. & Mahéo, R. 1986 Limicoles nicheurs de France, Rochefort, LPO, 291 p.
Breeding long-term trend:	Deceuninck, B. & Mahéo, R. 1998 Limicoles nicheurs de France. Synthèse de l'enquête nationale 1995-1996 et évolution des populations sur 12 ans, 97-117 Dubois, P. J. & Mahéo, R. 1986 Limicoles nicheurs de France, Rochefort, LPO, 291 p.
Winter population size:	LPO - Wetlands International 2012 Base de données des dénombrements d'oiseaux d'eau « Wetlands International » 1980-2012 réalisés à la mi-janvier, LPO - BirdLife France, Rochefort DUBOIS, P.J., LE MARECHAL, P., OLISO, G. & YESOU, P. 2008 Nouvel inventaire des Oiseaux de France, Delachaux & Niestlé, Paris, 560 p.
Winter short-term trend:	LPO - Wetlands International 2012 Base de données des dénombrements d'oiseaux d'eau « Wetlands International » 1980-2012 réalisés à la mi-janvier, LPO - BirdLife France, Rochefort
Winter long-term trend:	LPO - Wetlands International 2012 Base de données des dénombrements d'oiseaux d'eau « Wetlands International » 1980-2012 réalisés à la mi-janvier, LPO - BirdLife France, Rochefort

Georgia

Winter population size:	BirdLife International 2004
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Germany

Breeding population size:	Gedeon, K., C. Grüneberg, A. Mitschke & C. Sudfeldt (in Vorb.): Atlas Deutscher Brutvogelarten. SVD & DDA, Münster.
Breeding short-term trend:	Dachverband Deutscher Avifaunisten e.V.
Breeding long-term trend:	Dachverband Deutscher Avifaunisten e.V.
Winter population size:	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.
Winter short-term trend:	Trilateral Monitoring and Assessment Programme
Winter long-term trend:	Trilateral Monitoring and Assessment Programme

Greece

Breeding population size:	Portolou, D., Bourdakis, S., Vlachos, C., Kastritis, T., and Dimalexis, T. (eds.) 2009. Important Bird Areas of Greece: Priority sites for conservation. Hellenic Ornithological Society. Athens. Dimalexis, T., Bousbouras, D., Kastritis, T., Manolopoulos, A. & Saravia, V. (eds.) 2009. Evaluation of 69 Important Bird Areas as Special Protection Areas. Hellenic Ministry for the Environment, Physical Planning and Public Works, Athens. Hellenic Ornithological Society database
Breeding short-term trend:	BirdLife International 2004. Birds in Europe - Population estimates, trends and conservation status. Cambridge, UK, BirdLife International (BirdLife Conservation Series No 12).
Breeding long-term trend:	Handrinos, G. & Akriotis, T. 1997. The Birds of Greece. Helm.
Winter population size:	Midwinter Counts Database, Hellenic Ornithological Society
Winter short-term trend:	Midwinter Counts Database, Hellenic Ornithological Society
Winter long-term trend:	Midwinter Counts Database, Hellenic Ornithological Society

Iceland

Breeding population size:	Umhverfisráðuneytið 1992, Jón Hallur Jóhannsson &Björk Guðjónsdóttir 2009
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Republic of Ireland

Breeding population size:	Balmer, D., Gillings, S., Caffrey, B., Swan, B., Downie, I. & Fuller, R. (2013) Bird Atlas 2007-11 The breeding and wintering birds of Britain and Ireland. British Trust for Ornithology. Gibbons D.W., Reid J.B. & Chapman R.A. (1993) The New Atlas of Breeding Birds in Britain and Ireland 1988-1991. Poyser, London. Sharrock, J.T.R. (1976) The Atlas of Breeding Birds in Britain and Ireland. T. & AD Poyser.
Breeding short-term trend:	Balmer, D., Gillings, S., Caffrey, B., Swan, B., Downie, I. & Fuller, R. (2013) Bird Atlas 2007-11 The breeding and wintering birds of Britain and Ireland. British Trust for Ornithology. Gibbons D.W., Reid J.B. & Chapman R.A. (1993) The New Atlas of Breeding Birds in Britain and Ireland 1988-1991. Poyser, London.
Breeding long-term trend:	Balmer, D., Gillings, S., Caffrey, B., Swan, B., Downie, I. & Fuller, R. (2013) Bird Atlas 2007-11 The breeding and wintering birds of Britain and Ireland. British Trust for Ornithology. Sharrock, J.T.R. (1976) The Atlas of Breeding Birds in Britain and Ireland. T. & AD Poyser.
Winter population size:	Crowe, O. & Holt, C. (2013) Estimates of waterbird numbers wintering in Ireland, 2006/07 – 2010/11. Irish Birds 9:4.
Winter short-term trend:	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. Irish Birds 9:4.

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Republic of Ireland

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