



THE IUCN RED LIST
OF THREATENED SPECIES™



Tringa ochropus (Green Sandpiper)

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.

Tringa ochropus (Green Sandpiper)

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	
Azerbaijan	10-100	<1	1996-2000	poor	?				?				
Belarus	10,000-15,000	2	2000-2012	medium	0	0	2000-2012	medium	0	0	1980-2012	medium	
Bulgaria	40-90	<1	2005-2012	medium	?				?				
Czech Rep.	40-70	<1	2001-2012	good	?				+	367-700	1985-2012	medium	
Denmark	30	<1	2011	good	0	0	1999-2011	medium	-	20-33	1980-2011	medium	
Estonia	15,000-25,000	2	2008-2012	medium	0	0-10	2001-2012	medium	0	0-10	1980-2012	medium	
Finland	160,000-210,000	23	2006-2012	good	0	0	2001-2012	good	+	50-115	1983-2012	good	
Georgia	Present	<1			?				?				
Germany	950-1,200	<1	2005-2009	good	-	11-30	1998-2009	medium	+	31-400	1985-2009	medium	
Latvia	21,591-91,963	6	2009	good	0	0-40	2005-2012	medium	+	32-579	1994-2010	medium	
Lithuania	5,000-7,000	1	2008-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	medium	
FYRO Macedonia	10-50	<1	2001-2012	poor	?				?				
Norway	6,000-12,000	1	2000-2013	poor	?				?				
Poland	12,000-22,000	2	2008-2012	good	+	50-290	2000-2012	good	?				
Romania	0-100	<1	2008-2013	medium	?				?				
Russia	350,000-600,000	57	2005-2010	medium	0	0	2000-2012	poor	0	0	1980-2012	poor	
Sweden	34,000-64,000	6	2008-2012	medium	+	26-56	2001-2012	good	0	0	1980-2012	medium	
Ukraine	850-1,400	<1	2000	medium	F	10-20	1998-2010	medium	F	20-30	1980-2010	medium	
United Kingdom	1-3	<1	2006-2010	good	+	73	1997-2008	medium	+		1980-2011	medium	
EU27	249,000-421,000	40			Increasing								
Europe	616,000-1,050,000	100			Stable								

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.

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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	1-25	<1	2002-2012	medium	-	20-40	2002-2012	medium	-	10-20	1980-2012	medium	
Azerbaijan	0-100	<1	1996-2002	medium	?				?				
Bosnia & HG	10-50	1	2008-2013	medium	0	0	2000-2013	medium	?				
Bulgaria	150-300	5	2008-2011	medium	F	20-50	1999-2011	medium	F	20-50	1980-2011	medium	
Croatia	3-141	1	2014	poor	?				?				
Georgia	Present	<1	2012		?				?				
Germany	401-1,000	15	2000-2005	poor	?				?				
Moldova	3-10	<1	2000-2010	medium	F	0	2000-2010	medium	F	0	1980-2010	medium	
Montenegro	10-20	<1	2003-2012	good	0	0	2003-2012	good	0	0	1991-2012	good	
Portugal	25	1	2008-2012	good	0	0	2001-2012	good	0	0	1988-2012	medium	
Serbia	50-300	3	2008-2012	medium	F	0	2000-2012		+		1980-2012	poor	
Slovenia	40-80	1	2008-2012	medium	+	20-90	2001-2012	medium	+	150-300	1980-2012	medium	
Spain	1,386-1,712	38	2008-2010	good	+	97	2000-2010	good	+	13	1980-2009	good	
Turkey	250-999	12	2002-2012	medium	?				?				
Ukraine	20-40	1	1998-2009	medium	F	10-20	1998-2009	medium	F	20-30	1980-2009	medium	
United Kingdom	910	22	2004-2008	medium	+	33	1999-2010	good	+	163	1980-2010	good	
EU27	2,900-4,000	79		Increasing									
Europe	3,300-5,700	100		Increasing									

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.

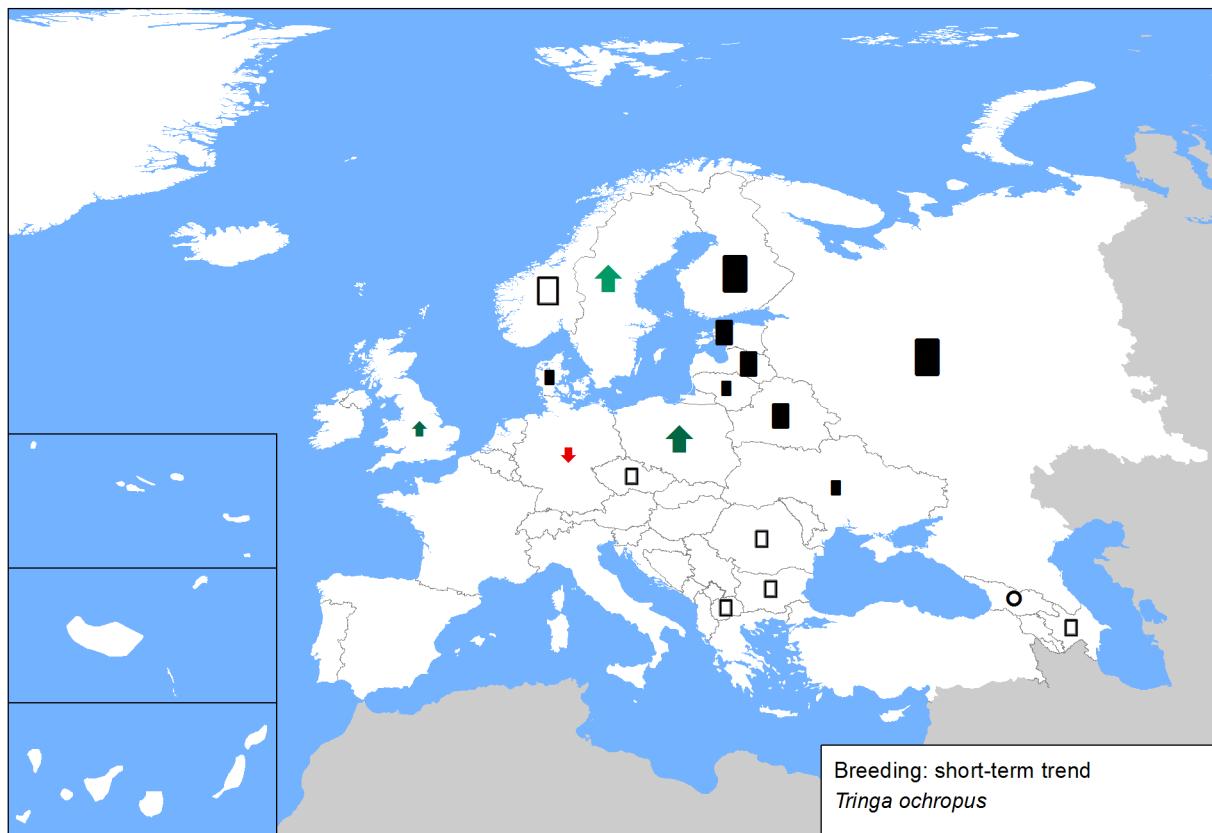


Figure 2. Breeding population sizes and long-term trends across Europe.

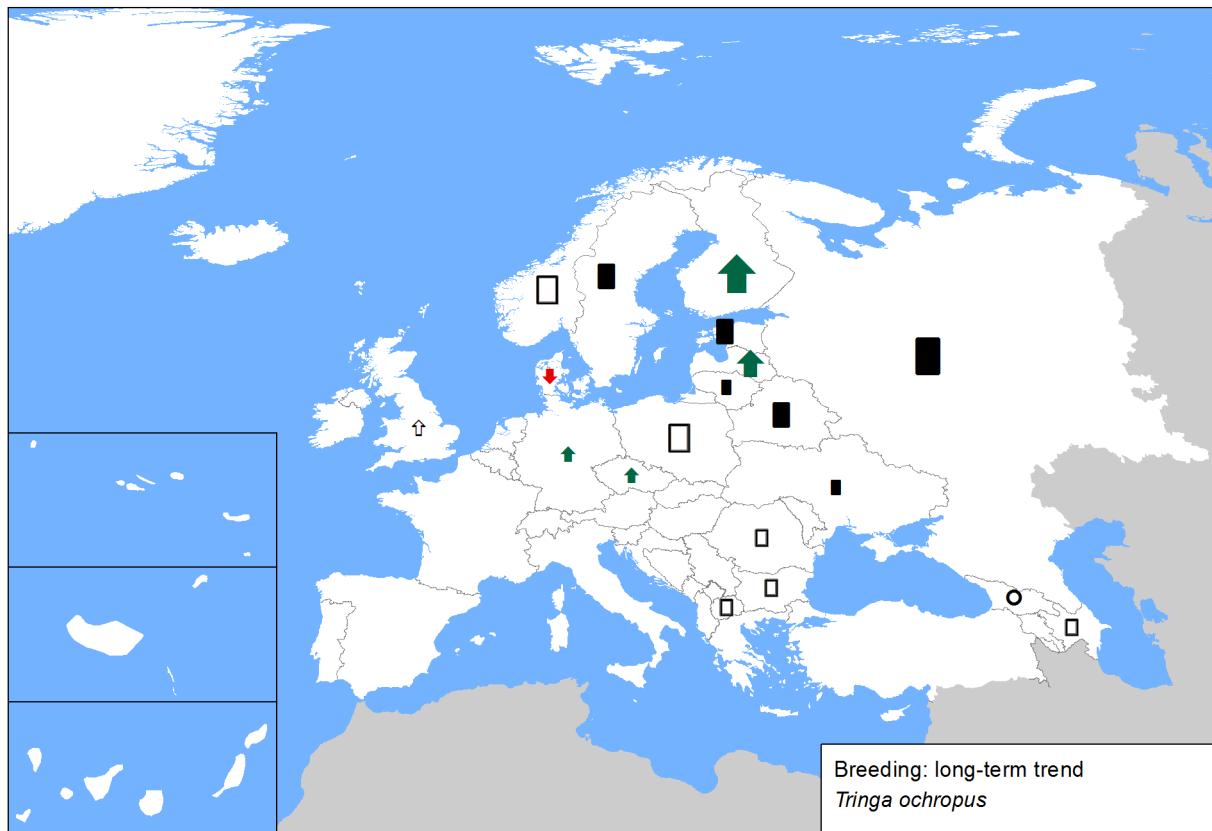


Figure 3. Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.

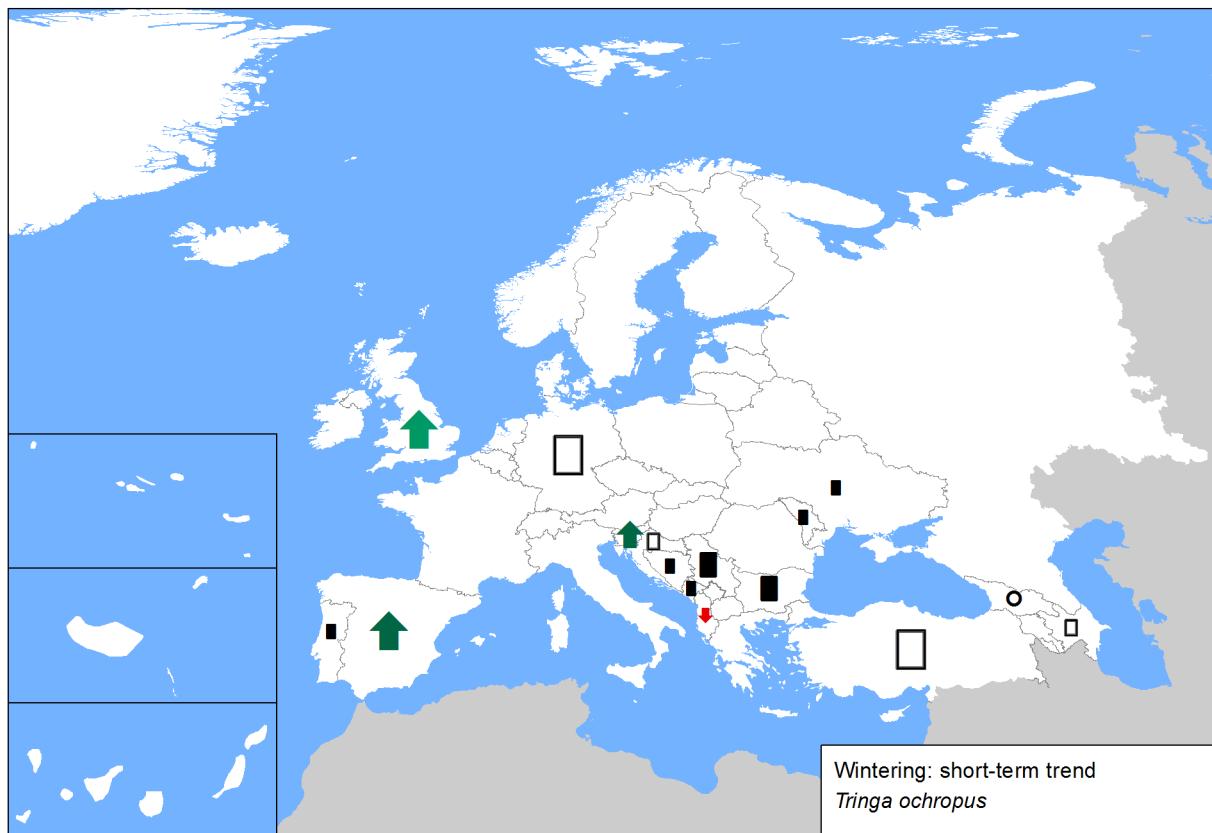
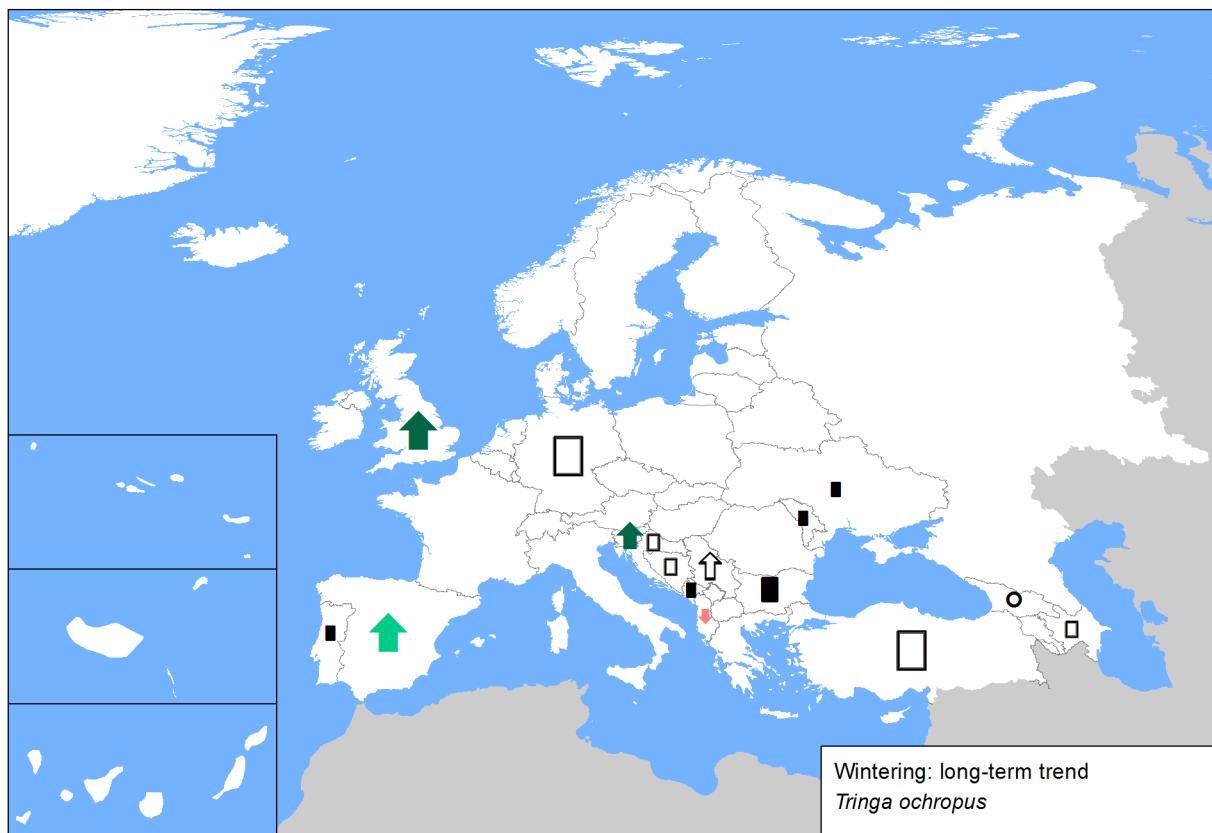


Figure 4. Reported wintering population sizes and long-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



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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.

Azerbaijan

Breeding population size: BirdLife International 2004

Winter population size: BirdLife International 2004

Belarus

Breeding population size: Karlionova N.V. - personal communication Pinchuk P.V. - personal communication

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: Nikiforov M.E., Kozulin A.V., eds. Belarussian birds at the beginning of XXI century: status, numbers, distribution. - 1997. - Minsk. - 187 p.

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 brojana 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: Izvještaj 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 brojana 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

Breeding population size: Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 80-81; Shurulinkov P. (2011). Green Sandpiper. In: Red Data Book of Bulgaria, Golemanski G. (ed.), (web edition, <http://e-ecodb.bas.bg/rdb/bg/>). SPAs mapping in 2012 Common Bird Monitoring Scheme <http://bspb.org/monitoring/>

Breeding short-term trend: Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 80-81; Boev Z., Michev T., Kambourova N. (2011). Purple Heron. In: Red Data Book of Bulgaria, Golemanski G. (ed.), (web edition, <http://e-ecodb.bas.bg/rdb/bg/>).

Breeding long-term trend: Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 80-81; Boev Z., Michev T., Kambourova N. (2011). Purple Heron. In: Red Data Book of Bulgaria, Golemanski G. (ed.), (web edition, <http://e-ecodb.bas.bg/rdb/bg/>).

Winter population size: Yearly Mid-Winter Counts of Waterbirds in Bulgaria (2000-2011), unpublished data <http://natura2000.moew.government.bg/Home/Reports?reportType=OtherBirdDocuments>

Winter short-term trend: Yearly Mid-Winter Count of Waterbirds in Bulgaria (1999-2011), unpublished data Kostadinova I., S. Derelev. 2001. Results from the Mid-Winter Counts of Waterbirds in Bulgaria for the period 1997-2001. BSPB Conservation Series. Book 3, BSPB, Sofia, BG, 96 pp.

Winter long-term trend: Michev T., Profirov L. 2003. Mid-Winter Numbers of Waterbirds in Bulgaria (1977-2001). Pensoft, Sofia, 160 pp.

Croatia

Winter population size: International Waterbird Census Count Totals 2010 - 2013: African-Eurasian region (<http://www.wetlands.org/LinkClick.aspx?fileticket=0YKYRi11%2f0k%3d&tqid=3044>);

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

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

Czech Republic

Breeding population size: STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnizdního rozšírení ptaků v České republice. Aventinum Praha.

Breeding long-term trend: STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnizdního rozšírení ptaků v České republice. Aventinum Praha.

Denmark

Breeding population size: Nyegaard et al. (2014): Truede og sjældne ynglefugle i Danmark 1998-2012 - With a summary in English: Rare and threatened breeding birds in Denmark 1998-2012. DOFT 108(1). In prep.

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Denmark

Breeding short-term trend: Nyegaard et al. (2014): Truede og sjældne ynglefugle i Danmark 1998-2012 - With a summary in English: Rare and threatened breeding birds in Denmark 1998-2012. DOFT 108(1). In prep. Nyegaard, T. (2012): Truede og sjældne ynglefugle i Danmark 2011. Trykt hos Svendborg Tryk Eskildsen, A. & T. Vikstrøm. (2010): Truede og sjældne ynglefugle i Danmark 2010. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2009): Truede og sjældne ynglefugle i Danmark 2008. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2008): Truede og sjældne ynglefugle i Danmark 2007. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2007): Truede og sjældne ynglefugle i Danmark 2006. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2006): Truede og sjældne ynglefugle i Danmark 2005. DOFT 100: 11-28. Nyegaard, T. & M.B. Grell (2005): Truede og sjældne ynglefugle i Danmark 2004. DOFT 99: 88-106. Grell, M.B., Heldbjerg, H., Rasmussen, B., Stabell, M., Toft, J. & T. Vikstrøm (2004): Truede og sjældne ynglefugle i Danmark 1998-2003. Midtvejsrapport fra Dansk Ornitoligisk Forenings Arbejdsgruppe for Truede og Sjældne Ynglefugle (DATSY). DOFT 98: 45-100.

Breeding long-term trend: Nyegaard et al. (2014): Truede og sjældne ynglefugle i Danmark 1998-2012 - With a summary in English: Rare and threatened breeding birds in Denmark 1998-2012. DOFT 108(1). In prep. Nyegaard, T. (2012): Truede og sjældne ynglefugle i Danmark 2011. Trykt hos Svendborg Tryk Eskildsen, A. & T. Vikstrøm. (2010): Truede og sjældne ynglefugle i Danmark 2010. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2009): Truede og sjældne ynglefugle i Danmark 2008. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2008): Truede og sjældne ynglefugle i Danmark 2007. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2007): Truede og sjældne ynglefugle i Danmark 2006. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2006): Truede og sjældne ynglefugle i Danmark 2005. DOFT 100: 11-28. Nyegaard, T. & M.B. Grell (2005): Truede og sjældne ynglefugle i Danmark 2004. DOFT 99: 88-106. Grell, M.B., Heldbjerg, H., Rasmussen, B., Stabell, M., Toft, J. & T. Vikstrøm (2004): Truede og sjældne ynglefugle i Danmark 1998-2003. Midtvejsrapport fra Dansk Ornitoligisk Forenings Arbejdsgruppe for Truede og Sjældne Ynglefugle (DATSY). DOFT 98: 45-100. Grell, Michael Borch (1998): Fuglenes Danmark. Gads forlag i samarbejde med Dansk Ornitoligisk Forening. Dybbro, Tommy (1976): De danske ynglefugles udbredelse. Dansk Ornitoligisk Forening.

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 26(2): 80-112. URL: http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf

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 26(2): 80-112. URL: http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf

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 26(2): 80-112. URL: http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf

Finland

Breeding population size: Bird monitoring schemes of the Finnish Museum of Natural History, University of Helsinki.

Breeding short-term trend: Bird monitoring schemes of the Finnish Museum of Natural History, University of Helsinki.

Breeding long-term trend: Bird monitoring schemes of the Finnish Museum of Natural History, University of Helsinki.

Georgia

Breeding population size: BirdLife International 2004

Winter population size: BirdLife International 2004

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.

Latvia

Breeding population size: Calculation based on data collected in Latvian Breeding bird monitoring scheme: Aunins A., Keišs O. 2012. [Monitoring for the Farmland Bird Population Index. Final report for the year 2012.] (in Latvian) Latvian Ornithological society, 47 pp

Breeding short-term trend: Aunins A. 2012. [Changes in the Abundance of Common Birds in Latvia during the Previous Seven Years]. Putni Dabā 2013/1, 10 - 13. Aunins A., Keišs O. 2012. [Monitoring for the Farmland Bird Population Index. Final report for the year 2012.]. Latvian Ornithological society, 47 pp.

Breeding long-term trend: Kerus V. 2011. Latvijas ligzdojoso putnu stavokla parmainas laika no 1980. līdz 2010. gadam. Promocijas darbs. Riga: Latvijas Universitate Strazds M., Friednieks J., Vaverins G. 1994. Latvijas putnu skaits. – Putni daba, 4: 3–18.

Lithuania

Breeding population size: Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p.

Breeding short-term trend: Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p. Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“, 256 p. Raudonikis L. 2004. Lithuania. In: Birds in Europe: population estimates, trends, and conservation status. BirdLife International, BirdLife Conservation Series No12, Cambridge, UK.

Breeding long-term trend: Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) BirdLife International/European Bird Census Council. 2000. European bird populations: estimates and trends. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 10). Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“, 256 p.

The Former Yugoslav Republic of Macedonia

Breeding population size: M. Velevski, unedited data

Moldova

Winter population size: Winter assessment of water birds in Moldova

Winter short-term trend: Winter assessment of water birds in Moldova

Winter long-term trend: Winter assessment of water birds in Moldova

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Montenegro

Winter population size: IWC reports (2003-2012): Dubak, Vešović, N., Jovićević, M., Vizi O., Vizi, A.

Winter short-term trend: Puzovic, S., Simic, D., Saveljić, D., Gergelj, J., Tucakov, M., Stojnic, N., Hulo, I., Ham, I., Vizi, O., Sciban, M., Ruzic, M., Vukanovic, M., Jovanovic, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12,

Winter long-term trend: Puzovic, S., Simic, D., Saveljić, D., Gergelj, J., Tucakov, M., Stojnic, N., Hulo, I., Ham, I., Vizi, O., Sciban, M., Ruzic, M., Vukanovic, M., Jovanovic, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12,

Norway

Breeding population size: Shimmings P. & Øien, I.J. 2015. Bestandsestimater og trender for norske hekkefugler. NOF-rapport 2015-2.

Breeding short-term trend: Kålås, J.A., Husby, M., Nilsen, E.B., & Vang, R. 2014. Bestandsvariasjoner for terrestriske fugler i Norge 1996-2013. Norsk Ornitologisk Forening Rapport 4 / 2014.

Poland

Breeding population size: Chodkiewicz T., Kuczyński L., Sikora A., Ławicki Ł., Chylarecki P., Neubauer G., Meissner W., Rohde Z. 2013. Opracowanie raportu dla Komisji Europejskiej z wdrażania Dyrektywy Ptasiej w Polsce w zakresie Monitoringu Ptaków Polski w Państwowym Monitoringu Środowiska. Sprawozdanie dla Głównego Inspektoratu Ochrony Środowiska. OTOP, Marki.

Breeding short-term trend: Chylarecki P. 2013. Czynniki kształtujące zmiany liczebności pospolitych ptaków Polski w latach 2000-2012. MiłZ PAN Warszawa. Bogucki. Wyd. Nauk. 1-126; Chodkiewicz T., Woźniak B., Chylarecki P. 2012. Monitoring Pospolitych Gatunków Ptaków. In: Podsumowanie sezonu lęgowego Monitoringu Ptaków Polski w 2012 r. OTOP, MiłZ, KOO, SOS: 29-45 (source: http://monitoringptakow.gios.gov.pl/raporty?file=files/pliki/raporty_faza4/RaportMPP4_etap1_zad2%264_wiosna2012.pdf)

Portugal

Winter population size: Programa Nacional de Monitorização de Aves Aquáticas Invernantes

Winter short-term trend: Programa Nacional de Monitorização de Aves Aquáticas Invernantes

Winter long-term trend: Sousa J (2002b). Tendências populacionais de aves aquáticas. Relatório de estudo integrado no Projecto do Instituto da Conservação da Natureza "Livro Vermelho dos Vertebrados de Portugal - Revisão"/Programa Operacional do Ambiente, não publicado.; Programa Nacional de Monitorização de Aves Aquáticas Invernantes

Romania

Breeding population size: SOR database

Breeding short-term trend: BirLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK Papp T., Făntâna C. – editori 2008, Ariile de Importanță Avifaunistică din România, Publicație Comună a Societății Ornitologice Române și a Asociației „Grupul Milvus”

Breeding long-term trend: Munteanu D. (ed) 2002: Atlasul păsărilor clocitoare din România, ediția a II-a, Publicațiile Societății Ornitologice Române, nr. 16, Cluj-Napoca. Weber P. et all. 1994: Atlasul provizoriu al păsărilor clocitoare din România, Publicațiile Societății Ornitologice Române, nr.2, Mediaș Papp T., Făntâna C. – editori 2008, Ariile de Importanță Avifaunistică din România, Publicație Comună a Societății Ornitologice Române și a Asociației „Grupul Milvus” Victor Ciocchia. Dinamica și migrația păsărilor. Ed. Științifică și Enciclopedică, București, 1985

Russia

Breeding population size: Tomkovich P.S.2001. Dunlin (Baltic subspecies). - Pavlov D.S., Flint V.E. (eds.). Red Data Book of Russian Federation. Moscow: 506-508 (in Russian). Tomkovich P.S., Lebedeva E.A. (eds.) 1998. Breeding waders in Eastern Europe – 2000. Vol. 1. Moscow, RBCU (in Russian). Sukhabova O.V., expert opinion. olga.redro@gmail.com Karyakin I.V., 1998. Conspectus of bird fauna of the Perm Region. Perm: 261 p. (in Russian). Karyakin I.V., 1998. Conspectus of bird fauna of the Bashkortostan Republic. Perm: 253 p. (in Russian). Borodin O.V., Smirnova S.L., expert opinion. spinus73@mail.ru

Breeding short-term trend: Preobrazhenskaya E.S. 2009. Some changes of abundance of Charadriiformes birds in Priunzhenskaya Lowland, Kostroma Region, in the recent 30 years, 1978-2008. – Matishov G.G. (ed.). Waders of Northern Eurasia: Ecology, Migration and Conservation. Abstracts of the 8th International Scientific Conference. Rostov-on-Don, SSC RAS Publishers: 118-120 (in Russian). Shepel A.I., unpublished. shai53@mail.ru Yakovleva M.V., unpublished. kivach-bird@rambler.ru Borodin O.V., Smirnova S.L., expert opinion. spinus73@mail.ru Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. (in Russian). Klimov S.M., Sarychev V.S., Melnikov M.V., Zemlyanukhin A.I. 2004. Fauna of the Upper Don Basin. Nonpasserines. Lipetsk, LGPU: 224 p. (in Russian).

Breeding long-term trend: Preobrazhenskaya E.S. 2009. Some changes of abundance of Charadriiformes birds in Priunzhenskaya Lowland, Kostroma Region, in the recent 30 years, 1978-2008. – Matishov G.G. (ed.). Waders of Northern Eurasia: Ecology, Migration and Conservation. Abstracts of the 8th International Scientific Conference. Rostov-on-Don, SSC RAS Publishers: 118-120 (in Russian). Shepel A.I., unpublished. shai53@mail.ru Yakovleva M.V., unpublished. kivach-bird@rambler.ru Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. (in Russian). Klimov S.M., Sarychev V.S., Melnikov M.V., Zemlyanukhin A.I. 2004. Fauna of the Upper Don Basin. Nonpasserines. Lipetsk, LGPU: 224 p. (in Russian).

Serbia

Winter population size: Šćiban M, Đapić D, Sekereš O, Đorđević I, Ružić M, Stanković D, Radišić D, Gergelj J, Janković M, Radaković M, Rudić B, Agošton A, Dajović M. & Simić D. (2011): Rezultati Međunarodnog cenzusa ptica vodenih staništa u Srbiji 2012. godine. Ciconia 20: 120–1

Winter short-term trend: Šćiban M, Đapić D, Sekereš O, Đorđević I, Ružić M, Stanković D, Radišić D, Gergelj J, Janković M, Radaković M, Rudić B, Agošton A, Dajović M. & Simić D. (2011): Rezultati Međunarodnog cenzusa ptica vodenih staništa u Srbiji 2012. godine. Ciconia 20: 120–1

Winter long-term trend: BPSSS (2014) Unpublished data

Tringa ochropus (Green Sandpiper)

Slovenia

Winter population size: <http://www.natura2000.gov.si/index.php?id=211> Božič, L. (2008): Monitoring populacij izbranih vrst ptic – zimsko štetje vodnih ptic 2002-2008. Končno poročilo. Društvo za opazovanje in preučevanje ptic Slovenije, Ljubljana. 167 str. Božič, L. (2009): Monitoring populacij izbranih vrst ptic – Rezultati zimskega štetja vodnih ptic 2009, rezultati popisov preleta ujed v jesenski sezoni 2008. 2. vmesno poročilo. Društvo za opazovanje in preučevanje ptic Slovenije, Ljubljana. 35 str. Božič, L. (2010): Monitoring populacij izbranih ciljnih vrst ptic – zimsko štetje vodnih ptic 2010. Končno poročilo. Društvo za opazovanje in preučevanje ptic Slovenije, Ljubljana. 28 str. Božič, L. (2011): Monitoring populacij izbranih ciljnih vrst ptic – zimsko štetje vodnih ptic 2011. Končno poročilo. Društvo za opazovanje in preučevanje ptic Slovenije, Ljubljana. 28 str. BOŽIČ, L. (2008A): Rezultati januarskega štetja vodnih ptic leta 2008 v Sloveniji. – *Acrocephalus* 29 (136): 39–49. BOŽIČ, L. (2008B): Rezultati januarskega štetja vodnih ptic leta 2009 v Sloveniji. – *Acrocephalus* 29 (138/139): 169–179. BOŽIČ, L. (2010): Rezultati januarskega štetja vodnih ptic leta 2010 v Sloveniji. – *Acrocephalus* 31 (145/146): 131–141. BOŽIČ, L. (2011): Rezultati januarskega štetja vodnih ptic leta 2011 v Sloveniji. – *Acrocephalus* 32 (148/149): 67–77. BOŽIČ, L. (2012): Rezultati januarskega štetja vodnih ptic leta 2012 v Sloveniji. – *Acrocephalus* 33 (152/153): 109–119.

Winter short-term trend: DOPPS

Winter long-term trend: SOVINC, A. (1994): Zimski ornitološki atlas Slovenije. – Tehniška založba Slovenije, Ljubljana.

Spain

Winter population size: SEO/BirdLife (2012). Atlas de las aves en invierno en España 2007-2010. Ministerio de Agricultura, Alimentación y Medio Ambiente-SEO/BirdLife. Madrid. 816 pp. http://www.magrama.gob.es/es/biodiversidad/publicaciones/atlas_aves_invierno_tcm7-291664.pdf

Winter short-term trend: SEO/BirdLife (2012). Programas de seguimiento de SEO/BirdLife en 2011. SEO/BirdLife. Madrid. 35 pp. Información obtenida a partir de la Base de Datos del Inventario Español de especies terrestres. Censo de Aves Acuáticas Invernantes (Ministerio de Agricultura, Alimentación y Medio Ambiente).http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/censos_aves_acuaticas_invernantes.aspx

Winter long-term trend: González, R. & Pérez-Aranda, D. (2011). Las aves acuáticas en España, 1980-2009. SEO/BirdLife, Madrid, 338 pp.

Sweden

Breeding population size: Ottosson, U., Ottvall, R., Elmberg, J., Green, M., Gustafsson, R., Haas, F., Holmqvist, N., Lindström, Å., Nilsson, L., Svensson, M., Svensson, S. & Tjernberg, M. 2012. Fåglarna i Sverige - antal och förekomst. Sveriges Ornitolologiska Förening, Halmstad.

Breeding short-term trend: Swedish Bird Survey (Svensk Fågeltaxering), Lund University.

Breeding long-term trend: Swedish Bird Survey (Svensk Fågeltaxering), Lund University.

Turkey

Winter population size: Kurt, B., Ozbağdatlı, N., Bozkurt, A.K., Arslangundoğdu, Z. ve Gursoy, A. 2002. Türkiye Sulakalanları Kış Ortası Sukuşu Sayımı, Doğal Hayatı Koruma Derneği, İstanbul, Türkiye. Çağlayan, E., Kılıç, D.T., Per, E. ve Gem, E. 2005. Türkiye Kış Ortası Sukuşu Sayımları 2005. Doğa Derneği, Ankara, Turkey Suseven, B., Onmus, O. ve İsfendiyaroğlu, S. 2006. Kış Ortası Sukuşu Sayımı (KOSK) Raporu, Doğa Derneği, Ankara Onmus, O. 2007. Türkiye Kış Ortası Sukuşu Sayımları 2007, Doğa Derneği, Ankara Akarsu, F. ve Balkız, Ö. 2010. Türkiye Kış Ortası Sukuşu Sayımları 2008-2009-2010, Doğa Derneği, Ankara Erciyas Yavuz, K., Kartal E.2011.Türkiye Kış Ortası Sukuşu Sayımları,2011, Ornitholoji Araştırma Merkezi, Samsun Erciyas Yavuz, K., İsfendiyaroglu S. 2013. 2012 Türkiye Kış Ortası Sukuşu Sayımları, Doğa Derneği, Ankara Birdlife International (2004) Birds in Europe: population estimates, trends and conservation status, Cambridge UK: Birdlife International (Birdlife Conservation series no: 12) www.kusbanks.org

Ukraine

Breeding population size: 1. Горбань И.М. Шидловский И.В. Численность гнездящихся куликов на западе Украины. Гнездящиеся кулики Восточной Европы - 2000. Москва, том.2. 1999. с. 93-105. 2. Hagemajer W.J.M., Blair M.J. The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. Poyser. - London. 1997. 903 p. 3. 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. 4. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemeijer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 5. Горбань I. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158.

Breeding short-term trend: 1. Бокотей А.А., Дзюбенко Н.В., Горбань I.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с. 2. Gorban I, Flade M. The importance of the Upper Pripyat (Ukraine) for the protection of birds. The ecology and conservation of floodplanins and lowland mires in the Polesya Region. Minsk. 2000. p. 103-110. 3. Dombrowski A., Piotrowska M., Gorban I., Nikiforov M. Status and threats to avifauna. (Eds. Dombrowski A., & Z. Glowacki, та інші). Bug river valleyas the ecological corridor: state-threats-protection. IUCN European Programme. Warsaw. 2002. S. 87-102. 4. Горбань I.М. Рідкісні види птахів Шацького національного парку. // Вісник Львівського університету. Серія біологічна. Вип. 29. 2002. С.188-199.

Breeding long-term trend: 1. Tucker G.M., Heath M.F. Birds in Europe: their conservation status. - Cambridge. U.K. Bird Life Conservation Series №. 3. 1994. 600 p. 2. Hagemajer W.J.M., Blair M.J. The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. Poyser. - London. 1997. 903 p. 3. 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. 4. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemeijer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 5. Горбань I. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 6. Birds in Europe: Population Estimates, Trends and Conservation Status. BirdLife Conservation Series 12; 2004. 374 р. 7. Бокотей А.А., Дзюбenko Н.В., Горбань I.М. Та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с.

Winter population size: 1. Русев И.Т., Корзюков А.И., Сацый С.Ф. Мониторинг зимующих птиц в Северо-Западном Причерноморье в 1999 г. Сб. Зимние учеты птиц на Азово-Черноморском побережье Украины, Алушта-Киев, 1999, выпуск 2, С.46-60. 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. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemeijer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 4. Birds in Europe: Population Estimates, Trends and Conservation Status. BirdLife Conservation Series 12; 2004. 374 р. 5. Горбань I. 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. Бескаравайный М.М. Птицы морских берегов Южного Крыма. Симферополь. «Н.Оріанда», 2008. 160 с. 8. Kostishyn V., Andryushchenko Yu., Goradze I., Abuladze A., Mamuchadze J., Erciyas K. Wintering Waterbird Census in the Azow – Black Sea Coastal Wetlands of Ukraine, Georgia, and Turkey. – Wetlands International Black Sea Program. – 2011. – 130 pp.

Tringa ochropus (Green Sandpiper)

Ukraine

Winter short-term trend: 1. Русев И.Т., Корзюков А.И., Сацьк С.Ф. Мониторинг зимующих птиц в Северо-Западном Причерноморье в 1999 г. Сб. Зимние учеты птиц на Азово-Черноморском побережье Украины, Алушта-Киев, 1999, выпуск 2, С.46-60. 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. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemeijer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 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. Бескаравайний М.М. Птицы морских берегов Южного Крыма. Симферополь. «Н.Орланда», 2008. 160 с. 8. Kostiushyn V., Andryuschenko Yu., Goradze I., Abuladze A., Mamuchadze J., Erciyas K. Wintering Waterbird Census in the Azow – Black Sea Coastal Wetlands of Ukraine, Georgia, and Turkey. – Wetlands International Black Sea Program. – 2011. – 130 pp.

Winter long-term trend: 1. Русев И.Т., Корзюков А.И., Сацьк С.Ф. Мониторинг зимующих птиц в Северо-Западном Причерноморье в 1999 г. Сб. Зимние учеты птиц на Азово-Черноморском побережье Украины, Алушта-Киев, 1999, выпуск 2, С.46-60. 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. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemeijer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 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. Бескаравайний М.М. Птицы морских берегов Южного Крыма. Симферополь. «Н.Орланда», 2008. 160 с. 8. Kostiushyn V., Andryuschenko Yu., Goradze I., Abuladze A., Mamuchadze J., Erciyas K. Wintering Waterbird Census in the Azow – Black Sea Coastal Wetlands of Ukraine, Georgia, and Turkey. – Wetlands International Black Sea Program. – 2011. – 130 pp.

United Kingdom

Breeding population size: Holling, M. & the Rare Breeding Birds Panel. 2012. Rare breeding birds in the United Kingdom in 2010. British Birds 105: 352–416.

Breeding short-term trend: RBBP; Holling, M. & the Rare Breeding Birds Panel. 2012. Rare breeding birds in the United Kingdom in 2010. British Birds 105: 352–416.

Breeding long-term trend: Sharrock, J.T.R. 1976. The Atlas of Breeding Birds in Britain and Ireland. Berkhamsted, T. & A.D. Poyser. RBBP; Holling, M. & the Rare Breeding Birds Panel. 2012. Rare breeding birds in the United Kingdom in 2010. British Birds 105: 352–416.

Winter population size: Musgrove, A.J., Austin, G.E., Hearn, R.D., Holt, C.A., Stroud, D.A. & Wotton, S.R. 2011. Overwinter population estimates of British waterbirds. British Birds 104: 364–397.

Winter short-term trend: Holt, C.A., Austin, G.E., Calbrade, N.A., Mellan, H.J., Hearn, R.D., Stroud, D.A., Wotton, S.R. & Musgrove, A.J. (2012). Waterbirds in the UK 2010/11: The Wetland Bird Survey. BTO/RSPB/JNCC, Thetford. 183 pp.

Winter long-term trend: Holt, C.A., Austin, G.E., Calbrade, N.A., Mellan, H.J., Hearn, R.D., Stroud, D.A., Wotton, S.R. & Musgrove, A.J. (2012). Waterbirds in the UK 2010/11: The Wetland Bird Survey. BTO/RSPB/JNCC, Thetford. 183 pp.

Bibliography

- Baldi, A., Batary, B. and Erdos, S. 2005. Effects of grazing intensity on bird assemblages and populations of Hungarian grasslands. *Agriculture Ecosystems & Environment* 108: 251-263.
- Hayman, P., Marchant, J. and Prater, A.J. 1986. *Shorebirds*. Croom Helm, London.
- Johnsgard, P.A. 1981. *The plovers, sandpipers and snipes of the world*. University of Nebraska Press, Lincoln, U.S.A. and London.
- Melville, D.S. and Shortridge, K.F. 2006. Migratory waterbirds and avian influenza in the East Asian-Australasian Flyway with particular reference to the 2003-2004 H5N1 outbreak. In: Boere, G., Galbraith, C. and Stroud, D. (ed.), *Waterbirds around the world*, pp. 432-438. The Stationery Office, Edinburgh, UK.
- Snow, D.W. and Perrins, C.M. 1998. *The Birds of the Western Palearctic vol. 1: Non-Passerines*. Oxford University Press, Oxford.
- Urban, E.K., Fry, C.H. and Keith, S. 1986. *The birds of Africa vol. II*. Academic Press, London.
- Van Gils, J. and Wiersma, P. (1996). Green Sandpiper (*Tringa ochropus*). In: del Hoyo, J., Elliott, A., Sargatal, J., Christie, D.A. & de Juana, E. (eds.) (2014). *Handbook of the Birds of the World Alive*. Lynx Edicions, Barcelona. (retrieved from <http://www.hbw.com/node/53908> on 15 April 2015).