

Chlidonias hybrida (Whiskered Tern)

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).

Contents

Reported national population sizes and trends	p. 2
Trend maps of reported national population data	p. 4
Sources of reported national population data	p. 6
Species factsheet bibliography	p. 10

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.

Chlidonias hybrida (Whiskered Tern)

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	200-600	<1	2002-2012	medium	+	10-20	2002-2012	medium	0	0	1980-2012	poor	
Armenia	10-20	<1	2002-2012	medium	?				?				
Azerbaijan	3,000-10,000	7	2014	poor	0.0	0	2000-2014		0.0	0	1980-2014	poor	
Belarus	5,000-10,000	9	2008-2012	medium	+	2400	2001-2012	medium	+	9900	1988-2012	medium	
Bosnia & HG	30-80	<1	2010-2014	poor	?				?				
Bulgaria	230-1,000	1	2005-2012	medium	F	20-50	2000-2012	medium	F	20-50	1980-2012	medium	
Croatia	1,600-2,700	3	2013	poor	?				?				
Czech Rep.	0-4	<1	2001-2003	poor	?				F	0	1985-2003	medium	
France	3,254-3,710	4	2008-2012	good	+	77-96	2000-2012	good	+	299	1982-2012	good	
Georgia	Present	<1			?				?				
Germany	59-570	<1	2005-2009	good	+	466-4835	1998-2009	good	+	31-400	1985-2009	medium	
Greece	5-10	<1	2009	medium	-	95-98	1995-2009	medium	?				
Hungary	1,000-6,000	3	2008-2012	good	F	0	2000-2012	medium	+	100-500	1980-2012	medium	
Italy	570-590	1	2004	good	?				?				
Latvia	0-10	<1	2012	poor	F	0	1992-2012	good	+		1992-2012		
Lithuania	5-45	<1	2008-2012	medium	F	20-90	2001-2012	medium	F	20-90	1980-2012	medium	
FYRO Macedonia	5-30	<1	2001-2012	poor	?				?				
Moldova	150-200	<1	2000-2010	medium	0	0	2000-2010	medium	0	0	1980-2010	medium	
Montenegro	200-800	<1	2002-2012	good	-		2002-2012	good	?				
Poland	2,000-3,000	3	2008-2012	medium	+	190-280	2000-2012	medium	+	2000-7000	1980-2012	medium	
Portugal	5-50	<1	2008-2012	poor	F	0	2001-2012	medium	-	50-80	1980-2012	poor	
Romania	16,000-20,000	22	2008-2013	medium	?				+	0-19	1980-2012	poor	
Russia	15,000-25,000	23	2000-2010	poor	F	0	2000-2012	medium	F	0	1980-2012	medium	
Serbia	2,750-4,150	4	2008-2012	medium	+	30	2000-2012	medium	+	10-29	1980-2012	medium	
Slovakia	5-50	<1	2012	poor	-	40-60	2000-2012	poor	-	40-60	1980-2012	poor	
Spain	6,406-6,426	8	2007	good	0	0	1998-2009	good	0	0	1980-2009	medium	
Turkey	3,850-4,100	5	2013	medium	-	10-39	2000-2012	medium	-	0-19	1990-2013	poor	
Ukraine	5,000-8,500	8	2000	medium	+	10-30	1998-2010	medium	+	20-30	1980-2010	medium	
EU27	29,500-41,500	41			Unknown								
Europe	66,300-108,000	100			Increasing								

Chlidonias hybrida (Whiskered Tern)

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.

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

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.

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

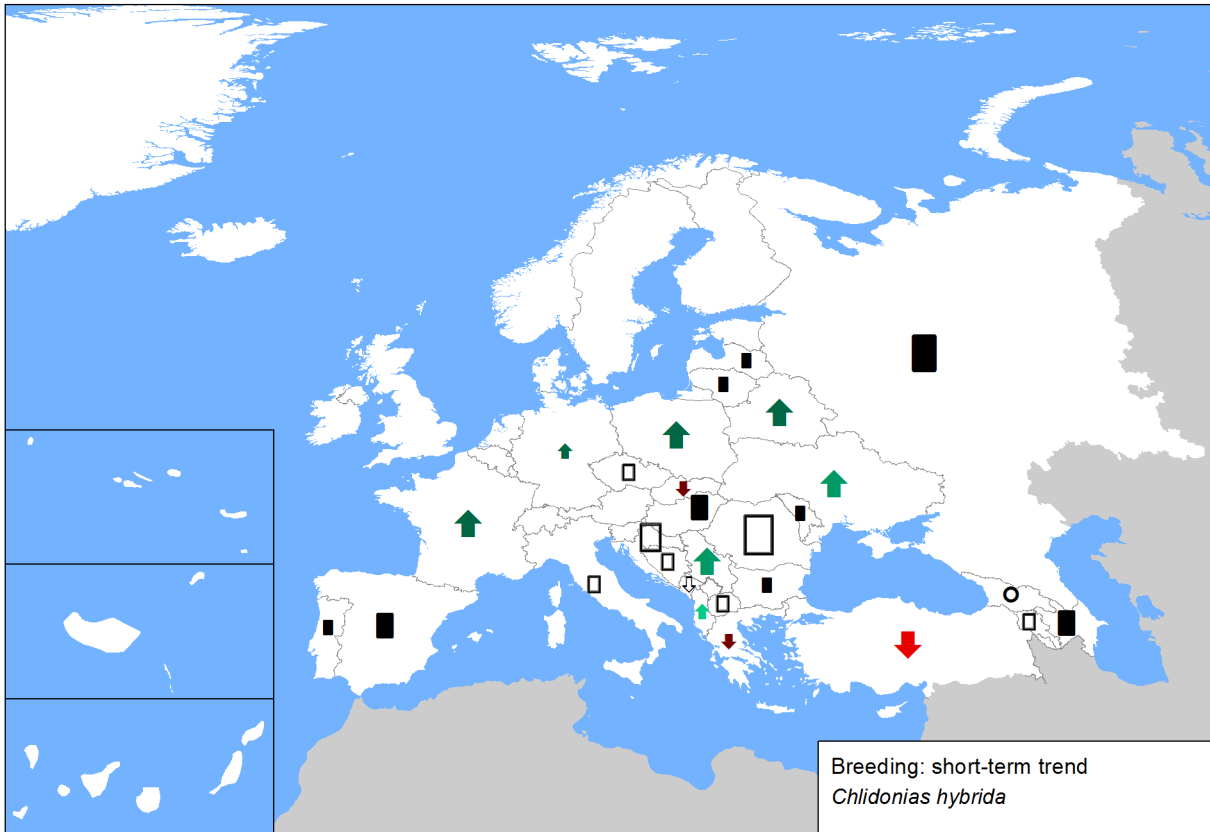
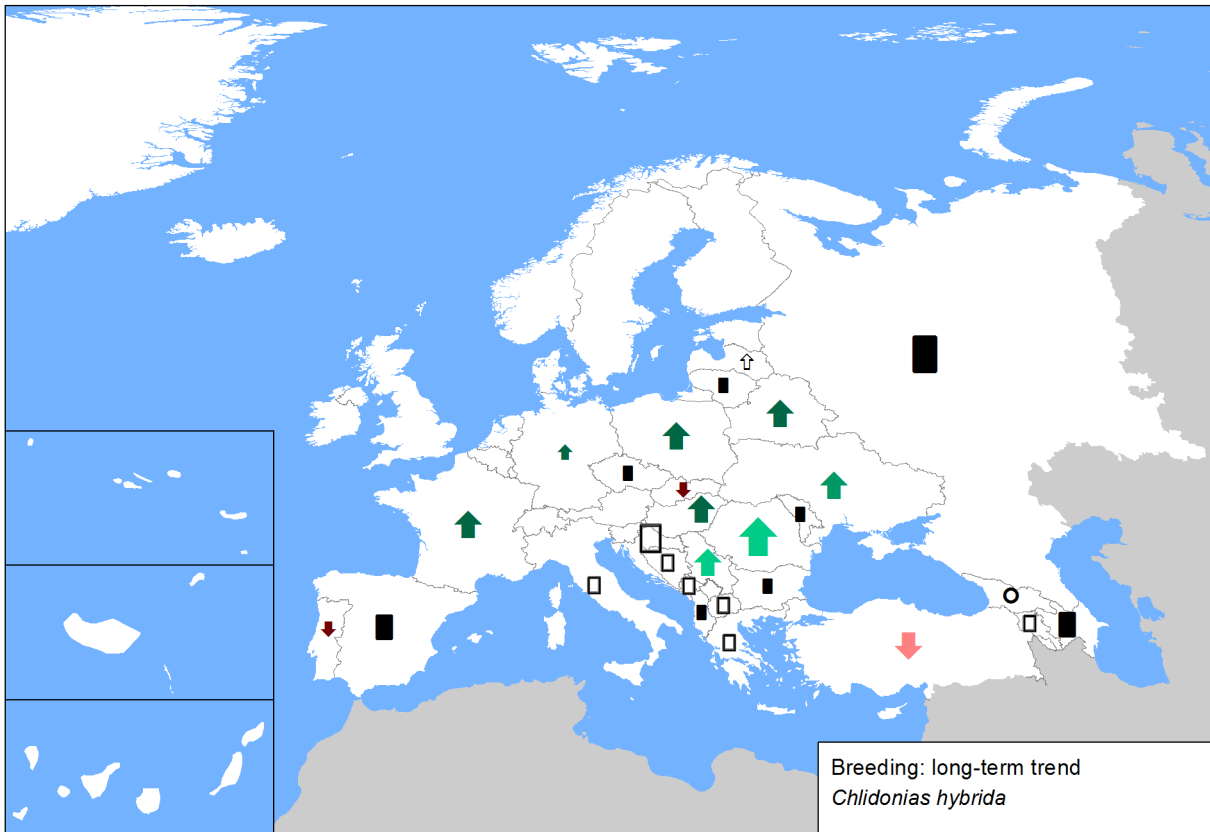


Figure 2. Breeding population sizes and long-term trends across Europe.



Chlidonias hybrida (Whiskered Tern)

Sources

Albania

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

Armenia

Breeding population size: The Red Book of Animals of the Republic of Armenia, 2010. Second edition; ASPB data
--

Azerbaijan

Breeding population size: AOS data base
Breeding short-term trend: AOS data base
Breeding long-term trend: AOS data base

Belarus

Breeding population size: Karlionova N.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

Breeding population size: Kotošan, D., Dročić, N., Trbojević, S., Šimić, E., Dervović, I., 2012: Program IBA, Međunarodno značajna područja za ptice, u Bosni i Hercegovini. Ornitološko društvo "Naše ptice", interno izdanje za projekat "Evaluacija IBA područja u FBiH", Sarajevo.

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, 679 p. Golemansky V. (ed.) 2011. Red Data Book of Bulgaria. Vol. 2, Animals. http://e-ecodb.bas.bg/rdb/en/vol2/ BSPB Bird Database
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, 679 p. Golemansky V. (ed.) 2011. Red Data Book of Bulgaria. Vol. 2, Animals. http://e-ecodb.bas.bg/rdb/en/vol2/ BSPB Bird Database
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, 679 p. Botev, B. (ed.) 1985. Red Data Book of Bulgaria, Vol. 2, Animals, Sofia, BAS, 183 p. Golemansky V. (ed.) 2011. Red Data Book of Bulgaria. Vol. 2, Animals. http://e-ecodb.bas.bg/rdb/en/vol2/ BSPB Bird Database

Croatia

Breeding population size: Zavod za ornitologiju (Sanja Barišić, Davor Čiković, Jelena Kralj, Goran Sušić, Vesna Tutiš), Dragan Radović, Ivan Budinski, Robert Crković, Antun Delić, Dubravko Dender, Vlatka Dumbović, Ivan Darko Grlica, Bariša Ilić, Luka Jurinović, Davor Krnjeta, Krešimir Lesković, Duje Lisičić, Ivica Lolić, Gordan Lukač. Kristijan Mandić, Krešimir Mikulić, Tibor Mikuska, Gvido Piasevoli, Andrej Radalj, Zlatko Ružanović, Vlatka Ščetarić, Mirko Šetina, Adrian Tomik (2013): Procjene brojnosti za SPA područja. Državni zavod za zaštitu prirode, Zagreb
Breeding short-term trend: BiE III Work group, Croatia
Breeding long-term trend: BiE III Work group, Croatia

Czech Republic

Breeding population size: STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnízdního rozšíření ptaku v České republice. Aventinum Praha.
Breeding long-term trend: STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnízdního rozšíření ptaku v České republice. Aventinum Praha.

France

Breeding population size: Dupuis, V. & coordinateurs espèces 2012 Les Oiseaux nicheurs rares & menacés en 2011, p. 289-325
Breeding short-term trend: Dupuis, V. & coordinateurs espèces 2012 Les Oiseaux nicheurs rares & menacés en 2011, p. 289-325
Breeding long-term trend: Dupuis, V. & coordinateurs espèces 2012 Les Oiseaux nicheurs rares & menacés en 2011, p. 289-325

Georgia

Breeding 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: Monitoring seltener Brutvögel
Breeding long-term trend: Dachverband Deutscher Avifaunisten e.V.

Greece

Breeding population size: Kazantzidis, S. 2009. Whiskered Tern. In: Legakis, A. & P. Maragou (eds.). The Greek Red Data Book. Hellenic Zoological Society.
Breeding short-term trend: Handrinos, G. & Akriotis, T. 1997. The Birds of Greece. Helm.

Chlidonias hybrida (Whiskered Tern)

Hungary

Breeding population size: National Park Directorates databases Breeding bird (MME RTM) database. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278.

Breeding short-term trend: National Park Directorates databases Breeding bird (MME RTM) database. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278.

Breeding long-term trend: Haraszthy L. (szerk.) (1984): Magyarország fészkelő madarai. Natura, Budapest. 247 p.

Italy

Breeding population size: Tinarelli R. 2006. Dinamica della popolazione nidificante e conservazione del Mignattino piombato *Chlidonias hybrida* in Italia. *Picus* 32(61): 67-73

Breeding short-term trend: Gustin M, Brambilla M & Celada C. 2009. Valutazione dello stato di conservazione dell'avifauna italiana. Specie in Allegato I della Direttiva Uccelli. Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Lega Italiana Protezione Uccelli (LIPU) Peronace V, Cecere JG, Gustin M & Rondinini C. 2012. Lista Rossa 2011 degli Uccelli Nidificanti in Italia. *Avocetta* 36: 11-58 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: Gustin M, Brambilla M & Celada C. 2010. Valutazione dello stato di conservazione dell'avifauna italiana. Ministero dell'Ambiente, della Tutela del Territorio e del Mare & LIPU/BirdLife Italia Peronace V, Cecere JG, Gustin M & Rondinini C. 2012. Lista Rossa 2011 degli Uccelli Nidificanti in Italia. *Avocetta* 36: 11-58 Tucker GM & Heath MF. 1994. Birds in Europe. Their conservation status. Cambridge, UK: BirdLife International. BirdLife Conservation Series No. 3 BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. BirdLife Conservation Series No. 12

Latvia

Breeding population size: www.latvijaspusti.lv

Breeding short-term trend: www.putni.lv www.latvijaspusti.lv

Lithuania

Breeding population size: Data of state monitoring scheme (2011) Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p. Rašomavičius, V. (red.) 2007. Lietuvos raudonoji knyga. Kaunas: „Lututė“, 800 p.

Breeding short-term trend: Rašomavičius, V. (red.) 2007. Lietuvos raudonoji knyga. Kaunas: „Lututė“, 800 p. (Red Data Book of Lithuania, 2007) Data of state monitoring scheme, 2011

Breeding long-term trend: BirdLife International/European Bird Census Council 2000. European bird populations: estimates and trends. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 10). Data of state monitoring scheme, 2011 Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p. Rašomavičius, V. (red.) 2007. Lietuvos raudonoji knyga. Kaunas: „Lututė“, 800 p.

The Former Yugoslav Republic of Macedonia

Breeding population size: Velevski, M., B. Hallmann, B. Grubač, T. Lisičanec, E. Stojnov, E. Lisičanec, V. Avukatov, L. Božič, and B. Stumberger. 2010. Important Bird Areas in Macedonia: Sites of Global and European Importance. *Acrocephalus* 31:181–282.

Moldova

Breeding population size: The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

Breeding short-term trend: The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

Breeding long-term trend: 1. Аверин Ю. В., Ганя И.М., Успенский Г. Птицы Молдавии, том 2, Кишинев, 1971. 2. Burfield I., Bommel van F., Birds in Europe. Population estimates, trends and conservation status. BirdLife International. Oxford, 2004. 374p. 3. Cojan C., Munteanu A., Dinamica populațiilor și particularitățile comportamentale de migrație a păsărilor acvatice și semiacvatice din bazinul Prutului inferior, Buletinul Academiei de Științe a Moldovei, nr.3, Chișinău, 2009, p. 102-111. 4. The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

Montenegro

Breeding population size: Saveljić, D (2014):Unpub.data

Breeding 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., Vucanovic, M., Jovanovic, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. *Ciconia* 12,

Poland

Breeding population size: Compilation of regional figures: KRAINA ŚWIĘTOKRZYSKA (Towarzystwo Badań i Ochrony Przyrody, R. Maniarski, M. Jantarski i inni), KUJAWY (P. Zieliński i inni), LUBELSZCZYŻNA (Lubelskie Towarzystwo Ornitologiczne, M. Urban, P. Szweczyk, P. Stachyra), MAŁOPOLSKA (M. Ciach, R. Bobrek, T. Wilk), MAZOWSZE (Mazowiecko-Świętokrzyskie Towarzystwo Ornitologiczne: S. Chmielewski, A. Dombrowski, A. Goławski, H. Kot), PODLASIE (T. Tumiel, G. Grygoruk, K. Kus, P. Szczepaniak), POMORZE (Ł. Ławicki, A. Sikora), ŚLĄSK (P. Kołodziejczyk i inni), ŚLĄSK GÓRNY (J. Betteja), WARMIA I MAZURY (D. Czastkiewicz, K. Jankowski, M. Szymkiewicz, A. Sikora), WIELKOPOLSKA (P. Wylegała, L. Kuczyński), ZIEMIA LUBUSKA (P. Czechowski, S. Rubacha, P. Baranowski, M. Jankowski, R. Kruszyk, M. Leszczyński, M. Prange, J. Udolf), ZIEMIA ŁÓDZKA (T. Janiszewski, Z. Wojciechowski, P. Minias, R. Włodarczyk, B. Lesner, M. Wężyk),

Breeding short-term trend: Chylarecki P., Sikora A. 2007. Ocena liczebności gatunków lęgowych w Polsce. W: Sikora A., Rohde Z., Gromadzki M., Neubauer G., Chylarecki P. (red.). Atlas rozmieszczenia ptaków lęgowych Polski 1985–2004. Bogucki Wyd. Nauk., Poznań, s. 34–41; BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. BirdLife International Series No. 12.

Breeding long-term trend: Tucker G.M., Heath M.F. 1994. Birds in Europe: their conservation status. Cambridge, UK: BirdLife International

Portugal

Breeding population size: Equipa Atlas (2008). Atlas das Aves Nidificantes em Portugal (1999-2005). Instituto da Conservação da Natureza e da Biodiversidade, Sociedade Portuguesa para o Estudo das Aves, Parque Natural da Madeira e Secretaria Regional do Ambiente e do Mar. Assírio e Alvim. Lisboa; Notícias Ornitológicas - SPEA 2002-2012

Breeding short-term trend: Equipa Atlas (2008). Atlas das Aves Nidificantes em Portugal (1999-2005). Instituto da Conservação da Natureza e da Biodiversidade, Sociedade Portuguesa para o Estudo das Aves, Parque Natural da Madeira e Secretaria Regional do Ambiente e do Mar. Assírio e Alvim. Lisboa; Notícias Ornitológicas SPEA 2002-2012

Chlidonias hybrida (Whiskered Tern)

Portugal

Breeding long-term trend: Equipa Atlas (2008). Atlas das Aves Nidificantes em Portugal (1999-2005). Instituto da Conservação da Natureza e da Biodiversidade, Sociedade Portuguesa para o Estudo das Aves, Parque Natural da Madeira e Secretaria Regional do Ambiente e do Mar. Assírio e Alvim, Lisboa; Catry P, Costa H, Elias G & Matias R (2010). Aves de Portugal. Ornitologia do território continental. Assírio & Alvim, Lisboa; MJ Cabral, J Almeida, PR Almeida, T Dellinger, N Ferrand de Almeida, ME Oliveira, JM Palmeirim, AI Queiroz, L Rogado L & M Santos-Reis (eds.)(2005). Livro Vermelho dos Vertebrados de Portugal. Instituto da Conservação da Natureza. Lisboa.

Romania

Breeding population size: SOR database

Breeding short-term trend: SOR database Birds in Europe 2 Atlasul păsărilor clocitoare din România, ediția I și I

Breeding long-term trend: SOR database

Russia

Breeding population size: Krivenko V.G, Vinogradov V.G. 2008. Birds of the Water Environment and Rhythms of Climate of the Northern Eurasia. Moscow: 588 p. (in Russian). Belik V.P. 2005. Cadastre of breeding avifauna of South Russia. Strepet 3, no. 1-2: 5-37 (in Russian). Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. (in Russian). Klimov C.M., Sarychev V.S., Melnikov M.V., Zemlyanukhin A.I. 2004. Fauna of the Upper Don Basin. Nonpasserines. Lipetsk, LGPU: 224 p. (in Russian). Borodin O.V., Smirnova S.L., unpublished. spinus73@mail.r

Breeding short-term trend: Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. (in Russian). Klimov C.M., Sarychev V.S., Melnikov M.V., Zemlyanukhin A.I. 2004. Fauna of the Upper Don Basin. Nonpasserines. Lipetsk, LGPU: 224 p. (in Russian). Borodin O.V., Smirnova S.L., unpublished. spinus73@mail.ru

Breeding long-term trend: Krivenko V.G, Vinogradov V.G. 2008. Birds of the Water Environment and Rhythms of Climate of the Northern Eurasia. Moscow: 588 p. (in Russian). Belik V.P. et al. 2003. Recent population trends of breeding birds in the Southern Russia. - Strepet 1: 10-30 (in Russian). Borodin O.V., Smirnova S.L., unpublished. spinus73@mail.ru

Serbia

Breeding population size: BPSSS (2014) Unpublished data

Breeding short-term trend: BPSSS (2014) Unpublished data

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

Slovakia

Breeding population size: Ridzoň, J., Karaska, D., Darolová, A.

Breeding short-term trend: Ridzoň, J., Karaska, D., Darolová, A.

Breeding long-term trend: Ridzoň, J., Karaska, D., Darolová, A.

Spain

Breeding population size: Corbacho, C., Sánchez Guzmán, J.M. & M.A.Villegas (2009). Pagazas, charranes y fumareles en España. Población reproductora en 2007 y método de censo. SEO/BirdLife. Madrid, 129 pp. http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/24_pagazas_charranes_y_fumareles_tcm7-218236.pdf

Breeding short-term trend: Corbacho, C., Sánchez Guzmán, J.M. & M.A.Villegas (2009). Pagazas, charranes y fumareles en España. Población reproductora en 2007 y método de censo. SEO/BirdLife. Madrid, 129 pp. http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/24_pagazas_charranes_y_fumareles_tcm7-218236.pdf

Breeding long-term trend: Corbacho, C., Sánchez Guzmán, J.M. & M.A.Villegas (2009). Pagazas, charranes y fumareles en España. Población reproductora en 2007 y método de censo. SEO/BirdLife. Madrid, 129 pp. http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/24_pagazas_charranes_y_fumareles_tcm7-218236.pdf

Turkey

Breeding population size: Sühendan Karauz personal communication. Eken G., Bozdoğan M., İsfendiyaroğlu S., Kılıç D.T., Lise Y. (2006) Türkiye'nin Önemli Doğa Alanları. Doğa Derneği, Ankara., Zal N., Ezcacıbaşı N.G., Karauz Er S. 2006. The Planning of Lower Meriç Valley Flood Plain as a Biosphere Reserve, Central Anatolia Forestry Reserach Institute Publications Muhtelif Yayınlar/Miscellaneous Publications No: 69, Karauz Er S., Özbek M.,Altınay G., Çakır F., Yıldırım F. 2007. Manya Lake Breeding Bird Survey (2000-2004). Doğa Koruma Ve Milli Parklar Genel Müdürlüğü Publishing No:2, Ankara

Breeding short-term trend: Doğa Derneği, Eken G., Bozdoğan M., İsfendiyaroğlu S., Kılıç D.T., Lise Y. (2006) Key Biodiversity Areas of Turkey (Türkiye'nin Önemli Doğa Alanları) Doğa Derneği, Ankara, KILIÇ, T., EKEN, G. 2004, Türkiye'nin Önemli Kuş Alanları Güncellemesi, Doğa Derneği. Ankara.

Breeding long-term trend: Birdlife International (2004) Birds in Europe: population estimates, trends and conservation status, Cambridge UK: Birdlife International (Birdlife Conservation series no: 12)

Ukraine

Breeding population size: 1. Hagemajjer W.J.M., Blair M.J. The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. Poyser. - London. 1997. 903 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. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemajjer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 4. Численность и размещение гнездящихся ооловодных птиц в водно-болотных угодьях Азово-Черноморского побережья Украины. Под ред. В.Д. Слюхин / Wetland International Киев. 2000. 476 с. 5. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 6. Experts: I. Gorban, I. Rusev, Z. Petrovych

Breeding short-term trend: 1. Directory of Azov – Black Sea Coastal Wetlands / Ed. By G. Marushevsky – Kyiv, 2003, Wetland International, 235 p. 2. Directory of Ukraine's Wetlands / Ed. By G. Marushevsky & I. Zarusk. – Kyiv, 2006, Wetland International Black Sea Programme. - 312 с. 3. Бокотей А.А., Дзюбенко Н.В., Горбань І.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с. 4. Experts: I. Gorban

Chlidonias hybrida (Whiskered Tern)

Ukraine

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. Hagemajjer 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. Hagemajjer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 5. Численность и размещение гнездящихся околородных птиц в водно-болотных угодьях Азово-Черноморского побережья Украины. Под ред. В.Д. Сиохин / Wetland International Киев. 2000. 476 с. 6. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 7. Directory of Azov – Black Sea Coastal Wetlands / Ed. By G. Marushevsky – Kyiv, 2003, Wetland International, 235 p. 8. Birds in Europe: Population Estimates, Trends and Conservation Status. BirdLife Conservation Series 12; 2004. 374 p. 9. Directory of Ukraine's Wetlands / Ed. By G. Marushevsky & I. Zaruk. – Kyiv, 2006, Wetland International Black Sea Programme. - 312 с. 10. Бокотей А.А., Дзюбенко Н.В., Горбань І.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с. 11. Experts: I. Gorban

Bibliography

Arduin, M. 1997. The nutria problem. *Informatore Agrario* 53(29): 69-70.

Gochfeld, M. & Burger, J. (1996). Whiskered Tern (*Chlidonias hybrida*). 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/54045> on 1 April 2015).

Golemansky V. (ed.) 2011. *Red Data Book of the Republic of Bulgaria*. Digital edition, Vol. 2, Animals. BAS-MOEW, Sofia, <http://e-ecodb.bas.bg/rdb/en/vol2/>

Higgins, P. J.; Davies, S. J. J. F. 1996. *Handbook of Australian, New Zealand and Antarctic birds vol 3: snipe to pigeons*. Oxford University Press, Oxford.

Martí, R., & del Moral, J. C. (2004). *Atlas de las aves reproductoras de España*. Parques Nacionales.

Richards, A. 1990. *Seabirds of the northern hemisphere*. Dragon's World Ltd, Limpsfield, U.K.

Snow, D. W.; Perrins, C. M. 1998. *The Birds of the Western Palearctic vol. 1: Non-Passerines*. Oxford University Press, Oxford.