



THE IUCN RED LIST
OF THREATENED SPECIES™



***Acrocephalus arundinaceus* (Great Reed-warbler)**

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. 11

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.

Acrocephalus arundinaceus (Great Reed-warbler)

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	5,000-10,000	<1	2002-2012	medium	0	0	2002-2012	medium	0	0	1980-2012	poor	
Armenia	30,000-150,000	2	2002-2012	medium	?				?				
Austria	1,800-3,400	<1	2010-2012	medium	0	0	2001-2012	medium	?				
Azerbaijan	15,000-50,000	1	1996-2000	poor	?				?				
Belarus	60,000-90,000	2	2001-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	medium	
Belgium	0-4	<1	2008-2012	good	0	0	2000-2012	medium	-	97-100	1973-2012	medium	
Bosnia & HG	2,000-3,000	<1	2010-2014	poor	?				?				
Bulgaria	20,000-40,000	1	2005-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	poor	
Croatia	50,000-100,000	2	2014	poor	?				?				
Czech Rep.	1,200-2,400	<1	2012	medium	F	0	2000-2012	good	+	15-18	1982-2012	good	
Denmark	6-8	<1	2011	good	0	0	1999-2011	medium	-	50-100	1980-2011	medium	
Estonia	10,000-15,000	<1	2008-2012	medium	0	0-10	2001-2012	medium	+	20-50	1980-2012	medium	
Finland	200-500	<1	2006-2010	good	+	5-64	2000-2011	medium	+	274-473	1980-2011	medium	
France	1,500-3,000	<1	2008-2012	medium	-	10	2001-2012	poor	-	30-50	1980-2012	medium	
Georgia	Present	<1			?				?				
Germany	11,000-17,500	<1	2005-2009	good	+	41-100	1998-2009	medium	+	31-400	1985-2009	medium	
Greece	20,000-30,000	1	2007-2013	medium	?				?				
Hungary	200,000-280,000	7	2000-2012	medium	0	0	1999-2012	medium	?				
Italy	20,000-40,000	1	2010	poor	-	35-45	2000-2012	medium	-	40-70	1990-2012	poor	
Kosovo	50-100	<1	2009-2014	medium	?				?				
Latvia	Present	<1	2000	medium	?				?				
Lithuania	40,000-80,000	2	2008-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	medium	
Luxembourg	5-8	<1	2008-2012	good	+	100-400	2000-2012	good	+	100-800	1989-2012	good	
FYRO Macedonia	3,000-10,000	<1	2001-2012	poor	?				?				
Moldova	15,000-20,000	<1	2000-2010	medium	F	0	2000-2010	medium	F	0	1980-2010	medium	
Montenegro	1,500-2,500	<1	2002-2012	poor	?				?				
Netherlands	150-200	<1	2008-2011	good	-	9-37	2002-2011	good	-	74-82	1982-2011	good	
Poland	100,000-170,000	4	2008-2012	good	+	30-110	2000-2012	good	?				
Portugal	1,000-5,000	<1	2008-2012	poor	-	5-20	2004-2011	poor	-		1980-2012	poor	
Romania	370,407-425,633	11	2010-2013	medium	F	0-20	2001-2013	medium	?				
Russia	1,000,000-2,000,000	41	2000-2004	poor	?				0	0	1980-2012	poor	
Serbia	30,000-35,000	1	2008-2012	medium	0	0	2000-2012	medium	0	0	1980-2012	medium	

Acrocephalus arundinaceus (Great Reed-warbler)

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	
Slovakia	1,000-2,000	<1	2002	medium	-	0-20	2000-2012	medium	-	1-20	1980-2012	medium	
Slovenia	250-350	<1	2002-2012	medium	?				?				
Spain	231,500-472,500	10	2004-2006	good	-	14	1998-2012	good	0	0	1980-2012	medium	
Sweden	340-610	<1	2008-2012	good	0	0	2001-2012	good	+	50-100	1980-2012	good	
Switzerland	200-250	<1	2008-2012	medium	+	9-51	2001-2012	good	0	0	1990-2012	medium	
Turkey	80,000-240,000	4	2013	poor	-	10-19	2000-2012	poor	-	0-19	1990-2013	poor	
Ukraine	275,000-380,000	9	2000	medium	F	5-10	1998-2010	medium	F	10-15	1980-2010	medium	
EU27	1,030,000-1,590,000	37			Stable								
Europe	2,600,000-4,680,000	100			Unknown								

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.

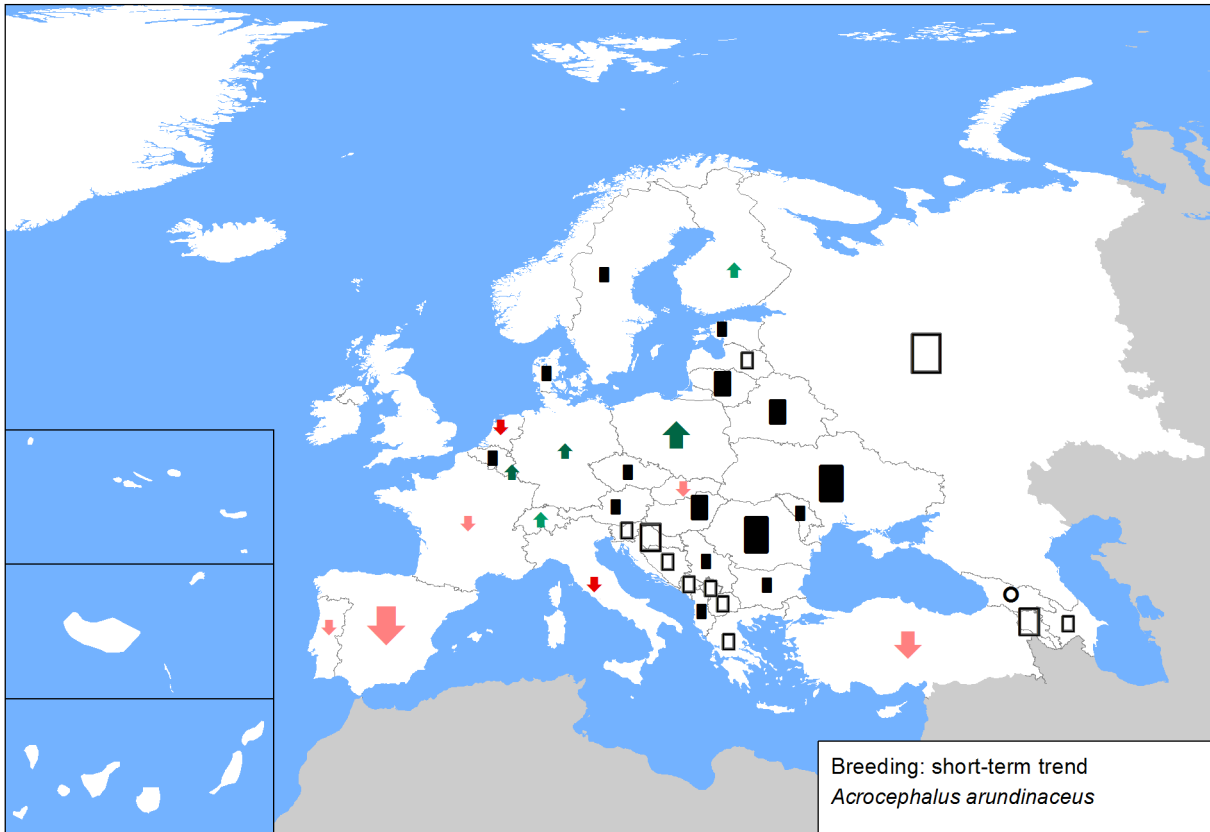
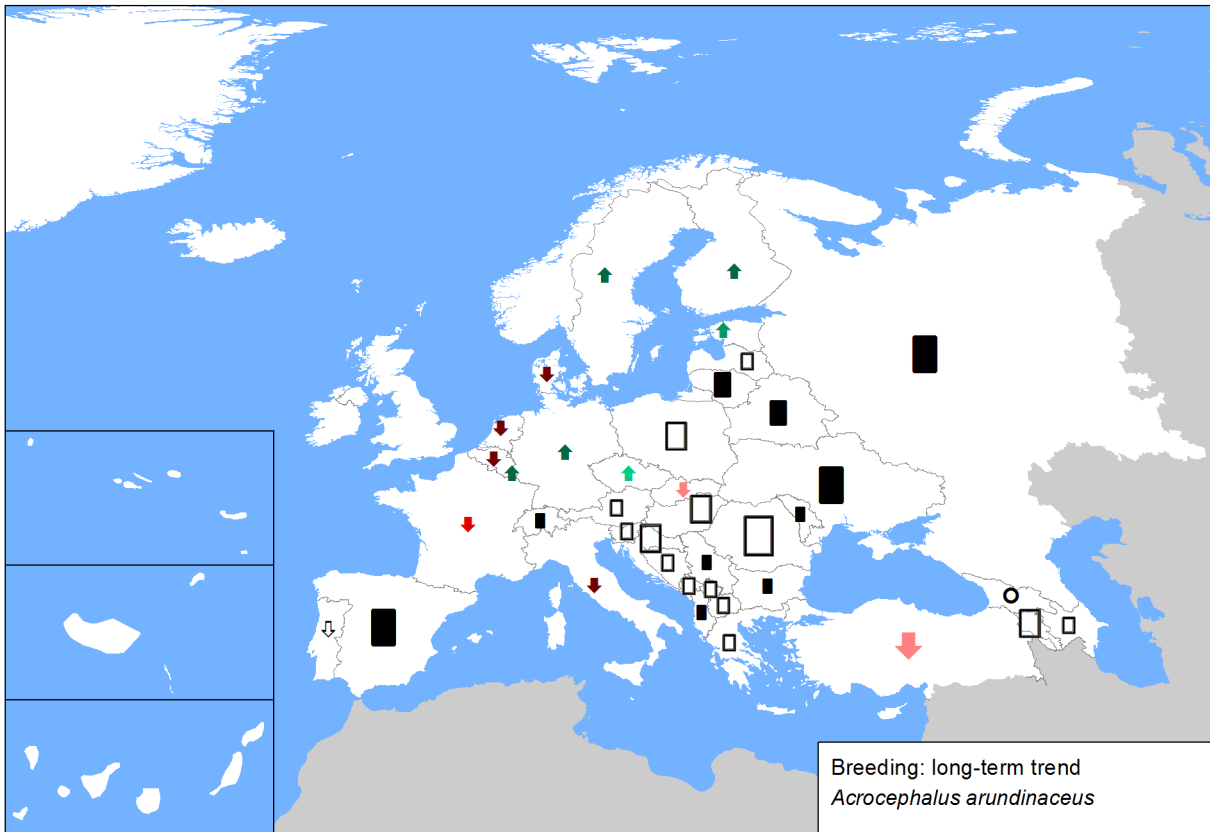


Figure 2. Breeding population sizes and long-term trends across Europe.



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: ASPB data

Austria

Breeding population size: BirdLife Austria, extrapolation on the basis of available unpublished and published population and density data

Breeding short-term trend: BirdLife Austria, estimate on the basis of available unpublished and published trend data

Azerbaijan

Breeding population size: BirdLife International 2004

Belarus

Breeding population size: Zhuravliev D.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.

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

Bosnia and Herzegovina

Breeding population size: unpublsh data

Bulgaria

Breeding population size: Zenhtindjiev, P., Antonov, A., Dereliev, S., Vasilev, V. 2007. *Acrocephalus arundinaceus*. In: Iankov, P. (Ed.) Atlas of breeding birds in Bulgaria. Bulgarian Society for the Protection of Birds Conservation series, Book 10, BSPB, Sofia. Nankinov, D. et al. Breeding totals of the ornithofauna in Bulgaria. Green Balkans, Plovdiv, 2004.

Breeding short-term trend: Zenhtindjiev, P., Antonov, A., Dereliev, S., Vasilev, V. 2007. *Acrocephalus arundinaceus*. In: Iankov, P. (Ed.) Atlas of breeding birds in Bulgaria. Bulgarian Society for the Protection of Birds Conservation series, Book 10, BSPB, Sofia. Nankinov, D. et al. Breeding totals of the ornithofauna in Bulgaria. Green Balkans, Plovdiv, 2004.

Breeding long-term trend: Zenhtindjiev, P., Antonov, A., Dereliev, S., Vasilev, V. 2007. *Acrocephalus arundinaceus*. In: Iankov, P. (Ed.) Atlas of breeding birds in Bulgaria. Bulgarian Society for the Protection of Birds Conservation series, Book 10, BSPB, Sofia. Nankinov, D. et al. Breeding totals of the ornithofauna in Bulgaria. Green Balkans, Plovdiv, 2004.

Croatia

Breeding population size: BiE III Work group, Croatia

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 rozsíření ptaku v České republice. Aventinum Praha. JPSP: <http://jpsp.birds.cz/vysledky.php?taxon=763>

Breeding short-term trend: JPSP: <http://jpsp.birds.cz/vysledky.php?taxon=763>

Breeding long-term trend: JPSP: <http://jpsp.birds.cz/vysledky.php?taxon=763>

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.

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 Ornitologisk Forening. Nyegaard, T. & M.B. Grell (2009): Truede og sjældne ynglefugle i Danmark 2008. Dansk Ornitologisk Forening. Nyegaard, T. & M.B. Grell (2007): Truede og sjældne ynglefugle i Danmark 2007. Dansk Ornitologisk Forening. Nyegaard, T. & M.B. Grell (2006): Truede og sjældne ynglefugle i Danmark 2006. Dansk Ornitologisk Forening. Nyegaard, T. & M.B. Grell (2005): Truede og sjældne ynglefugle i Danmark 2005. DOFT 100: 11-28. Nyegaard, T. & M.B. Grell (2004): Truede og sjældne ynglefugle i Danmark 2004. DOFT 99: 88-106. Grell, M.B., Heldbjerg, H., Rasmussen, B., Stabell, M., Tofft, J. & T. Vikstrøm (2004): Truede og sjældne ynglefugle i Danmark 1998-2003. Midtvejsrapport fra Dansk Ornitologisk Forenings Arbejdsgruppe for Truede og Sjældne Ynglefugle (DATSY). DOFT 98: 45-100.

Acrocephalus arundinaceus (Great Reed-warbler)

Denmark

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 Ornitologisk Forening. Nyegaard, T. & M.B. Grell (2009): Truede og sjældne ynglefugle i Danmark 2008. Dansk Ornitologisk Forening. Nyegaard, T. & M.B. Grell (2008): Truede og sjældne ynglefugle i Danmark 2007. Dansk Ornitologisk Forening. Nyegaard, T. & M.B. Grell (2007): Truede og sjældne ynglefugle i Danmark 2006. Dansk Ornitologisk 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., Tofft, J. & T. Vikstrøm (2004): Truede og sjældne ynglefugle i Danmark 1998-2003. Midtvejsrapport fra Dansk Ornitologisk Forenings Arbejdsgruppe for Truede og Sjældne Ynglefugle (DATSY). DOFT 98: 45-100. Grell, Michael Borch (1998): Fuglenes Danmark. Gads forlag i samarbejde med Dansk Ornitologisk Forening. Dybbro, Tommy (1976): De danske ynglefugles udbredelse. Dansk Ornitologisk Forening.

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

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

Breeding long-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

Finland

Breeding population size: Väisänen, Risto A., Hario, Martti & Saurola, Pertti 2011: Population estimates of Finnish birds. In: Valkama, Jari, Vepsäläinen, Ville & Lehtikoinen, Alekski 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.

Breeding short-term trend: BirdLife Finland 2013: Regional observation summary database of Finnish Birdwatching societies on scarce bird species.

Breeding long-term trend: BirdLife Finland 2013: Regional observation summary database of Finnish Birdwatching societies on scarce bird species.

France

Breeding population size: 2012 Cahiers d'habitats Natura 2000-Oiseaux , La Documentation française SUDRAUD J. & JOYEUX E. 2008 Rousserolle turdoïde, LPO Pays de la Loire, p. 160-161 http://www.atlas-ornitho.fr/index.php?m_id=505 FLITTI A., KABOUCHE B., KAYSER Y. & OLIOSO G. 2009 Atlas des oiseaux nicheurs de Provence-Alpes-Côte d'Azur, Delachaux & Niestlé et LPO PACA, 182 Dubois P.J., Le Maréchal P., Oliosio G. & Yésou P. 2008 Nouvel Inventaire des Oiseaux de France, Paris, Delachaux & Niestlé, 559

Breeding short-term trend: <http://www.uicn.fr/Liste-rouge-oiseaux.html>

Breeding long-term trend: <http://www.uicn.fr/Liste-rouge-oiseaux.html>

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: Dachverband Deutscher Avifaunisten e.V.

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

Greece

Breeding population size: Hellenic Common Birds Monitoring Scheme database, Hellenic Ornithological Society

Breeding short-term trend: Hellenic Common Birds Monitoring Scheme database, Hellenic Ornithological Society

Hungary

Breeding population size: National common bird monitoring scheme (MMM) database. Szép, T., Nagy, K., Nagy, Zs. & Halmos, G. (2012): Population trends of common breeding and wintering birds in Hungary, decline of long-distance migrant and farmland birds during 1999-2012. *Ornis Hungarica* 2012. 20(2): 13-63.

Breeding short-term trend: National common bird monitoring scheme (MMM) database. Szép, T., Nagy, K., Nagy, Zs. & Halmos, G. (2012): Population trends of common breeding and wintering birds in Hungary, decline of long-distance migrant and farmland birds during 1999-2012. *Ornis Hungarica* 2012. 20(2): 13-63.

Italy

Breeding population size: BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status Cambridge, UK: BirdLife International. BirdLife Conservation Series No. 12 Bricchetti P & Fracasso G. 2010. *Ornitologia italiana*. Vol.6 (Sylviidae-Paradoxornithidae). Alberto Perdisa Editore, Bologna

Breeding short-term trend: Rete Rurale Nazionale & LIPU 2013. Uccelli comuni in Italia. Gli andamenti di popolazione dal 2000 al 2012

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 Rete Rurale Nazionale & LIPU 2013. Uccelli comuni in Italia. Gli andamenti di popolazione dal 2000 al 2012

Kosovo

Breeding population size: NGO "Finch" (2014)

Latvia

Lithuania

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

Acrocephalus arundinaceus (Great Reed-warbler)

Lithuania

Breeding short-term trend: BirdLife International/European Bird Census Council 2004. Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 12). 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. Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt)

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). Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p. Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“, 256 p.

Luxembourg

Breeding population size: LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. Saint-Paul Publishing, Luxembourg. ISBN: 978-2-919920-01-3

Breeding short-term trend: LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. Saint-Paul Publishing, Luxembourg. ISBN: 978-2-919920-01-3

Breeding long-term trend: LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. Saint-Paul Publishing, Luxembourg. ISBN: 978-2-919920-01-3

The Former Yugoslav Republic of Macedonia

Breeding population size: M. Veleviski, unedited data

Moldova

Breeding population size: Munteanu, A., Zubcov N., Atlasul păsărilor clocitoare din Republica Moldova

Breeding short-term trend: Munteanu, A., Zubcov N., Atlasul păsărilor clocitoare din Republica Moldova

Breeding long-term trend: Аверин Ю. В., Ганя И.М., Успенский Г. Птицы Молдавии, том 2, Кишинев, 1971, 2p 2. Burfield I., Bommel van F., Birds in Europe. Population estimates, trends and conservation status. BirdLife International. Oxford, 2004. 374p. 3. The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

Montenegro

Breeding population size: 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,

Netherlands

Breeding population size: NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

Breeding short-term trend: NEM, Sovon en CBS, Boele et al. (2013)

Breeding long-term trend: Sovon

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 Ptasięj w Polsce w zakresie Monitoringu Ptaków Polski w Państwowym Monitoringu Środowiska. Sprawozdanie dla Głównego Inspektoratu Ochrony Środowiska. OTOP, Marki.

Breeding short-term trend: MPPL: Chylarecki P. 2013. Czynniki kształtujące zmiany liczebności pospolitych ptaków Polski w latach 2000-2012. MiZ 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, MiZ, KOO, SOS: 29-45 (source: http://monitoringptakow.gios.gov.pl/raporty?file=files/pliki/raporty_faza4/RaportMPP4_etap1_zad2%264_wiosna2012.pdf)

Portugal

Breeding population size: informação de Júlio Neto

Breeding short-term trend: Programa Estações de Esforço Constante

Breeding long-term trend: informação de Júlio Neto

Romania

Breeding population size: Romanian Commonbird Monitoring Programme, 2007-2012 SOR database, Milvus database

Breeding short-term trend: Romanian Commonbird Monitoring Programme, 2007-2012 SOR database, Milvus database

Breeding long-term trend: Romanian Commonbird Monitoring Programme, 2007-2012 SOR database, Milvus database

Russia

Breeding population size: Belik V.P. 2005. Cadastre of breeding avifauna of South Russia. - Strepet 3, no. 1-2: 5-37 (in Russian). Numerov A.D. 1996. Class Birds Aves. – Natural resources of Voronezh Region. Vertebrate Animals. Cadaster. Voronezh, Biomik: 48-159 (in Russian). Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. (in Russian). Sarychev V.S., unpublished. vssar@yandex.ru Borodin O.V., Smirnova S.L., unpublished. spinus73@mail.ru

Breeding long-term trend: Belik V.P., unpublished. vpbelik@mail.ru Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. (in Russian). Sarychev V.S., unpublished. vssar@yandex.ru Borodin O.V., Smirnova S.L., expert opinion. spinus73@mail.ru Sokolov L.V. 2010. Climate in the life of plants and animals. Saint-Petersburg, TESSA: 344 p.

Serbia

Breeding population size: BPSSS (2014) Unpublished data

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

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

Acrocephalus arundinaceus (Great Reed-warbler)

Slovakia

Breeding population size: Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

Breeding short-term trend: Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

Breeding long-term trend: Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

Slovenia

Breeding population size: Denac, K., T. Mihelič, L. Božič, P. Kmecl, T. Jančar, J. Figelj & B. Rubinič (2011): Strokovni predlog za revizijo posebnih območij varstva (SPA) z uporabo najnovejših kriterijev za določitev mednarodno pomembnih območij za ptice (IBA). Končno poročilo (dopolnjena verzija). Naročnik: Ministrstvo za okolje in prostor. DOPPS – BirdLife, Ljubljana.

Breeding short-term trend: <http://www.ptice.si/atlas>

Breeding long-term trend: <http://www.ptice.si/atlas> Geister, I. (1995): Ornitološki atlas Slovenije. DZS, Ljubljana.

Spain

Breeding population size: Carrascal, L.M. & D. Palomino (2008). Las aves comunes reproductoras en España. Población en 2004-2006. (Seguimiento de Aves, 19). SEO/BirdLife. Madrid. 202 pp. http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/19_paseriformes_2004_2006_tcm7-218232.pdf

Breeding short-term trend: SEO/BirdLife (2013). Resultados del programa Sacre de SEO/BirdLife en 2012. SEO/BirdLife. Madrid. Información obtenida a partir de la Base de Datos del Inventario de especies terrestres. Seguimiento de Aves SACRE. (Ministerio de Agricultura, Alimentación y Medio Ambiente). http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/tendencia_aves_comunes_espania.aspx Gráfica de la tendencia poblacional: http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/leet_aves_sist_seg_tendencia_comunes_esp.aspx <http://www.seo.org/RESULTADOS-SEGUIMIENTO-DE-AVES/>

Breeding long-term trend: SEO/BirdLife (2012). Programa de seguimiento de Avifauna de SEO/BirdLife 2011. SEO/BirdLife. Madrid. 35 pp. Martí, R. & del Moral, J.C. (Eds.) (2003). Atlas de las Aves Reproductoras de España. Dirección General de Conservación de la Naturaleza- Sociedad Española de Ornitología. Madrid, 733 pp. http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-nacional-de-biodiversidad/leet_aves_atlas.aspx Purroy, F.J. (Coord.) (1997). Atlas de las aves de España (1975-1995). SEO/BirdLife. Lynx Edicions. Barcelona. 583 pp. Carrascal, L.M. & D. Palomino (2008). Las aves comunes reproductoras en España. Población en 2004-2006. (Seguimiento de Aves, 19). SEO/BirdLife. Madrid. 202 pp. http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/19_paseriformes_2004_2006_tcm7-218232.pdf

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 Ornitologiska Förening, Halmstad.

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

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

Switzerland

Breeding population size: Schmid, H., R. Luder, B. Naef-Daenzer, R. Graf & N. Zbinden (1998): Schweizer Brutvogelatlas. Verbreitung der Brutvögel in der Schweiz und im Fürstentum Liechtenstein 1993-1996/Atlas des oiseaux nicheurs de Suisse. Distribution des oiseaux nicheurs en Suisse et au Liechtenstein en 1993-1996. Schweizerische Vogelwarte/Station ornithologique suisse, Sempach. Updated with data from monitoring programmes and chance observations.

Breeding short-term trend: Swiss Ornithological Institute: <http://www.vogelwarte.ch/monitoring-breeding-birds-in-wetlands.html>. Minimum and maximum refer to 95% confidence interval.

Breeding long-term trend: Swiss Ornithological Institute: <http://www.vogelwarte.ch/monitoring-breeding-birds-in-wetlands.html>. Minimum and maximum refer to 95% confidence interval.

Turkey

Breeding population size: Eken G., Bozdoğan M., İsfendiyaroğlu S., Kılıç D.T., Lise Y. (2006) Türkiye'nin Önemli Doğa Alanları. 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.kusbank.org Kirwan G.M., Boyla K. A., Castell P., Demirci B., Özen M., Welch H., Marlow T., 2008, Birds of Turkey. Londra, Christopher Helm, 978-1-4081-0475-

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. Hagemajer 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. Hagemajer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 4. Gorban I, Flade M. The importance of the Upper Pripyat (Ukraine) for the protection of birds. The ecology and conservation of floodplains and lowland mires in the Polesya Region. Minsk. 2000. p. 103-110. 5. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158.

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

Acrocephalus arundinaceus (Great Reed-warbler)

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. Gorban I, Flade M. The importance of the Upper Pripyat (Ukraine) for the protection of birds. The ecology and conservation of floodplains and lowland mires in the Polesya Region. Minsk. 2000. p. 103-110. 6. Горбань І.М., Бокотей А.А. Вплив трансформаційних процесів на фауну та населення птахів басейну Верхнього Дністра. Дослідження басейнової екосистеми Верхнього Дністра. Збірник наукових праць. 2000. С.145 – 155. 7. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 8. Birds in Europe: Population Estimates, Trends and Conservation Status. BirdLife Conservation Series 12; 2004. 374 p. 9. Бокотей А.А., Дзюбенко Н.В., Горбань І.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с.

Bibliography

Dyrz, A. 2006. Great Reed-warbler (*Acrocephalus arundinaceus*). In: del Hoyo, J., Elliott, A., Sargatal, J., Christie, D.A. and de Juana, E. (eds.) 2014. *Handbook of the Birds of the World Alive*. Lynx Edicions, Barcelona. (retrieved from <http://www.hbw.com/node/58804> on 25 March 2015).

Graveland, J.A.A.P. 1998. Reed die-back, water level management and the decline of the Great Reed Warbler *Acrocephalus arundinaceus* in The Netherlands. *Ardea-Wageningen* 86: 187-201.

Hagemeijer, W.J.M. and Blair, M.J. 1997. *The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance*. T and A D Poyser, London.