

## ***Acrocephalus palustris* (Marsh Warbler)**

### **European Red List of Birds**

### **Supplementary Material**

The European Union (EU28) 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 2019-20. 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 (2021).

#### **Contents**

Reported national population sizes and trends  
Trend maps of reported national population data  
Sources of reported national population data  
Species factsheet bibliography

#### **Recommended citation**

BirdLife International (2021) European Red List of Birds. Luxembourg: Publications Office of the European Union.

#### **Further information**

<http://datazone.birdlife.org/info/euroredlist>  
<http://www.birdlife.org/europe-and-central-asia/european-red-list-birds-0>  
<http://www.iucnredlist.org/regions/europe>  
<http://ec.europa.eu/environment/nature/conservation/species/redlist/>

#### **Data requests and feedback**

To request access to these data in electronic format, provide new information, correct any errors or provide feedback, please email [science@birdlife.org](mailto:science@birdlife.org).

*Acrocephalus palustris* (Marsh Warbler)

**Table 1.** Reported national breeding population size and trends in Europe<sup>1</sup>.

Country (or territory) <sup>2</sup>	Population estimate				Short-term population trend <sup>5</sup>				Long-term population trend <sup>5</sup>				Subspecific population (where relevant)
	Size (pairs) <sup>3</sup>	Europe (%)	Year(s)	Method <sup>4</sup>	Direction <sup>6</sup>	Magnitude (%) <sup>7</sup>	Year(s)	Method <sup>4</sup>	Direction <sup>6</sup>	Magnitude (%) <sup>7</sup>	Year(s)	Method <sup>4</sup>	
Albania	17–48	<1	2007-2018	partial	0	0	2007-2018	partial	?		1980-2018	expert	
Armenia	11000–16600	<1	2013-2018	complete	0		2007-2018		0		2003-2018	partial	
Austria	25000–35000	<1	2013-2018	complete	0		2007-2018	complete	?		1981-2018	deficient	
Azerbaijan	1000–10000	<1	1996-2019	expert	?		2013-2019	expert	?		1980-2019	expert	
Belarus	240000–300000	4	2010-2018	partial	+	10 to 40	2012-2019	expert	0	0	1980-2019	expert	
Belgium	17100–35700	<1	2013-2018	expert	?	-52 to 61	2008-2018	complete	+	30 to 170	1973-2018	partial	
Bosnia & HG	2000–3000	<1	2015-2018	complete	?	-10 to 10	2007-2018	complete	?		1980-2018	deficient	
Bulgaria	10000–26000	<1	2005-2018	partial	+	10 to 20	2001-2018	partial	0	0 to 10	1980-2018	expert	
Croatia	25000	<1	2014-2014	expert	?		2007-2018	deficient	?		1980-2018	deficient	
Czechia	80000–160000	2	2014-2017	partial	-		2007-2018	complete	-		1982-2018	complete	
Denmark	29600–29700	<1	2017	partial	-	-44 to -9	2006-2017	complete	0	-15 to 14	1980-2017	complete	
Estonia	100000–180000	2	2013-2017	expert	-	-42 to -35	2007-2018	expert	0	-38 to 26	1983-2018	expert	
Finland	3300–26400	<1	2013-2018	complete	-	-92 to -46	2007-2018	complete	0	-65 to 51	1984-2018	complete	
France	10000–20000	<1	2009-2018	partial	-		2007-2018	partial	-		2001-2018	partial	
Georgia	3000–30500	<1	2013-2017	partial	?			deficient	?				
Germany	290000–420000	5	2016-2016	complete	-	-35 to -22	2004-2016	complete	-		1980-2016	expert	
Greece	200–2000	<1	2015	partial	0		2007-2018	partial	0		1980-2018	partial	
Hungary	113000–152000	2	2014-2018	complete	?	-16 to 84	2007-2018	complete	?		1980-2018	deficient	
Italy	10000–30000	<1	2013-2018	expert	-	-30 to -20	2000-2014	partial	0		1993-2018	expert	
Kosovo	1500–2500	<1	2007-2019	partial	+		2007-2018	partial	F		1990-2018	partial	
Latvia	91300–191000	2	2016-2016	complete	-	-41 to 0	2006-2018	complete	+	3 to 262	1995-2018	complete	
Lithuania	150000–300000	3	2013-2018	expert	0	0	2013-2018	expert	+		1980-2018	expert	
Luxembourg	800–1200	<1	2013-2018	partial	0	0 to 10	2007-2018	partial	-	-20 to -10	1980-2018	expert	
North Macedonia	250–1000	<1	2014-2019	expert	0		2007-2018	expert	?		1980-2019		
Moldova	3000–3500	<1	2014-2017	partial	0		2007-2018	partial	0		1990-2018	expert	
Montenegro	50–100	<1	2002-2012	expert	0		2007-2018	expert	?				
Netherlands	60000–100000	1	2013-2015	complete	0	-4 to 12	2006-2017	complete	-	-27 to -2	1984-2017	complete	
Norway	1000–2000	<1	2013-2018	partial	?		2013-2018	deficient	+	0 to 5	1980-2018	expert	
Poland	831000–1050000	13	2013-2018	complete	-	-22 to -2	2007-2018	complete	?		1980-2018	deficient	
Romania	733000–1140000	13	2013-2015	complete	+	6 to 14	2008-2018	complete	?		1980-2018	deficient	
Russia	2800000–3850000	47	2008-2018	partial	?		2008-2018	deficient	?		1980-2018	expert	
Serbia	21000–34500	<1	2013-2018	partial	0	0	2007-2018	complete	0	0	1980-2018	complete	

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**Table 1.** Reported national breeding population size and trends in Europe<sup>1</sup>.

Country (or territory) <sup>2</sup>	Population estimate				Short-term population trend <sup>5</sup>				Long-term population trend <sup>5</sup>				Subspecific population (where relevant)
	Size (pairs) <sup>3</sup>	Europe (%)	Year(s)	Method <sup>4</sup>	Direction <sup>6</sup>	Magnitude (%) <sup>7</sup>	Year(s)	Method <sup>4</sup>	Direction <sup>6</sup>	Magnitude (%) <sup>7</sup>	Year(s)	Method <sup>4</sup>	
Slovakia	40000–50000	<1	2013-2018	partial	0		2007-2018	partial	0		1980-2018	partial	
Slovenia	6700–10000	<1	2018-2018	partial	-	-45 to -40	2008-2018	complete	?		1980-2018	deficient	
Sweden	16000–32000	<1	2013-2018	partial	0	-30 to 11	2007-2018	partial	0	-7 to 57	1980-2018	partial	
Switzerland	3000–6000	<1	2013–2016	partial	0	-16 to 25	2007-2018	complete	0	-10 to 27	1990-2018	complete	
Turkey	8000–20000	<1	2002-2012	deficient	?		2008-2019	deficient	?		1980-2013	deficient	
Ukraine	120000–200000	2	2015-2017	partial	F	5 to 10	2007-2019	expert	F	15 to 20	1980-2019	expert	
United Kingdom	7	<1	2012-2016	complete	-		2001-2016	complete	-		1978-2016	complete	
EU28	2640000–4020000	46											
<b>Europe</b>	<b>5850000–8490000</b>	<b>100</b>											

<sup>1</sup> See 'Sources' at end of factsheet, and for more details on individual EU Member State reports, see the Article 12 reporting portal at <http://bd.eionet.europa.eu/article12/report>.

<sup>2</sup> The designation of geographical entities and the presentation of the material do not imply the expression of any opinion whatsoever on the part of IUCN or BirdLife International concerning the legal status of any country, territory or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

<sup>3</sup> In the few cases where population size estimates were reported in units other than those specified, they were converted to the correct units using standard correction factors.

<sup>4</sup> The 'method used' (replacing the data 'quality' assessment in the 2015 European Red List) is reported as: a) Complete: complete survey or a statistically robust estimate; b) Partial: based mainly on extrapolation from a limited amount of data; c) Expert: based mainly on expert opinion with very limited data; d) Defficient: insufficient or no data available.

<sup>5</sup> The robustness of regional trends to the effects of any missing or incomplete data was tested using plausible scenarios, based on other sources of information, including any other reported information, recent national Red Lists, scientific literature, other publications and consultation with relevant experts.

<sup>6</sup> Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

<sup>7</sup> Trend magnitudes are rounded to the nearest integer.

## Trend maps

A symbol appears in each country where the species occurs: the shape and colour of the symbol represent the population trend in that country, and the size of the symbol corresponds to the proportion of the European population occurring in that country.

### KEY

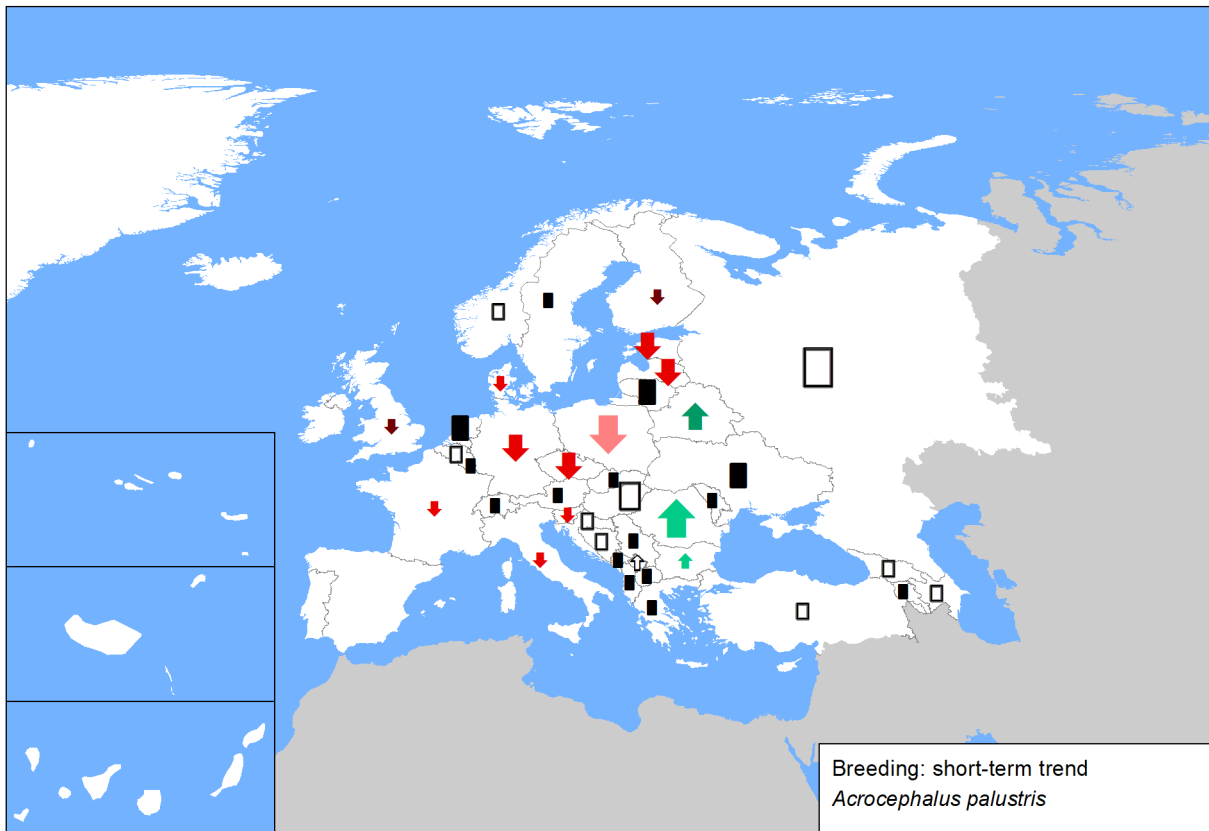
- |   |                                 |
|---|---------------------------------|
| ↑ Large increase (≥50%)                 | ↓ Large decrease (≥50%)         |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (20–49%)    |
| ↑ Small increase (<20%)                 | ↓ Small decrease (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

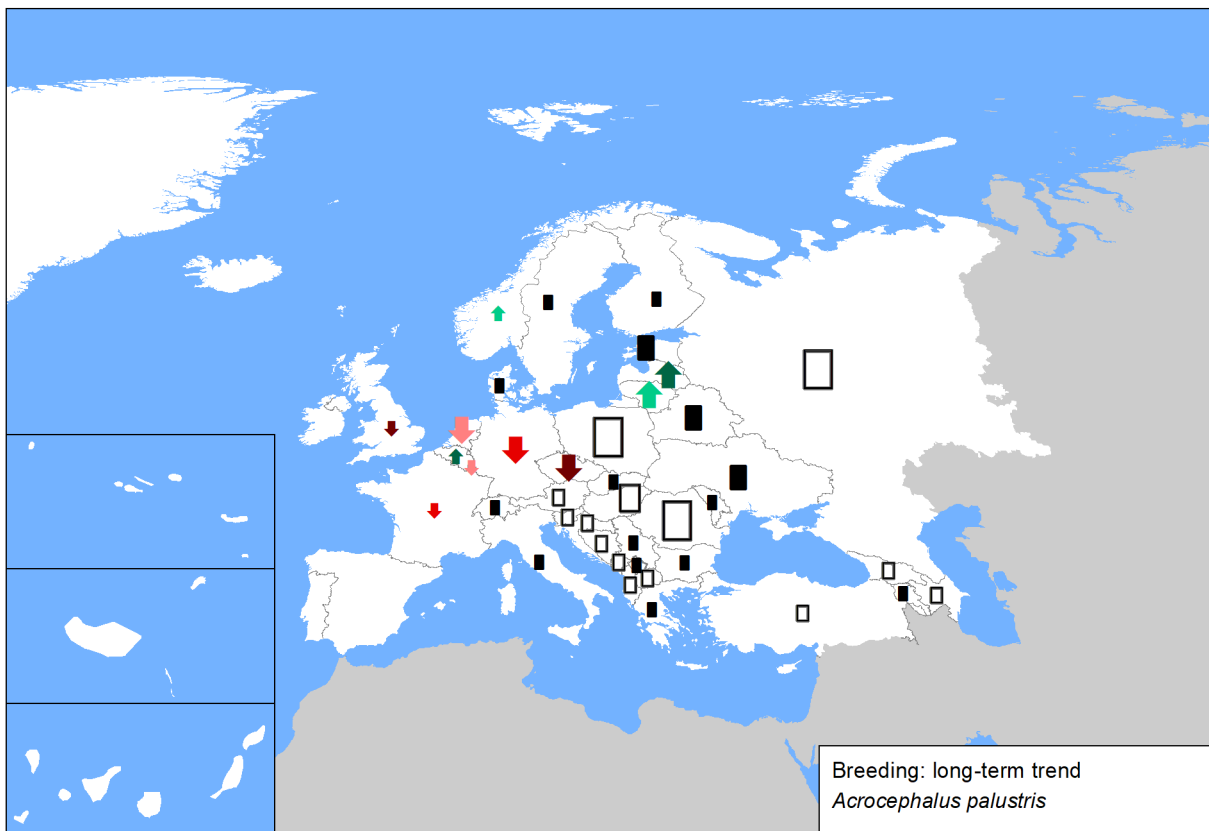
- ↑ Large: ≥10% of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small: <1% of the European population

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.



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### Sources

#### Albania

<b>Breeding population size:</b> Bino & Xeka pers. obs.
<b>Breeding short-term trend:</b> Bino & Xeka pers. obs.
<b>Breeding long-term trend:</b> Bino pers. obs.

#### Armenia

<b>Breeding population size:</b> TSE NGO National Bird Monitoring data.
<b>Breeding short-term trend:</b> TSE (2020) The Atlas of the Breeding Birds in Armenia. In preparation.
<b>Breeding long-term trend:</b> TSE (2020) The Atlas of the Breeding Birds in Armenia. In preparation.

#### Austria

<b>Breeding population size:</b> BirdLife Austria, unpublished data from <a href="http://www.ornitho.at">www.ornitho.at</a>
<b>Breeding short-term trend:</b> irdLife Austria, results of the Austrian Breeding bird monitoring ("Brutvogelmonitoring")
<b>Breeding long-term trend:</b> BirdLife Austria, unpublished archive data

#### Azerbaijan

<b>Breeding population size:</b> BirdLife International 2004
<b>Breeding short-term trend:</b> AOS data base
<b>Breeding long-term trend:</b> AOS Data Base

#### Belarus

<b>Breeding population size:</b> Research work of the National Academy of Sciences of the Republic of Belarus "Dynamics and predictive assessment of changes in the state of populations of the main resource and biocenotically most important bird species in Belarus"
<b>Breeding long-term trend:</b> Nikiforov M.E., Kozulin A.V., eds. Belarussian birds at the beginning of XXI century: status, numbers, distribution. - 1997. - Minsk. - 187 p.

#### Belgium

<b>Breeding population size:</b> Vermeersch G. et al. (2018, in press). Broedvogels in Vlaanderen in de periode 2013-2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek (INBO), Brussel. / Paquet, J-Y., Anselin, A., Vermeersch, G., Derouaux, A., Devos, K. (2019, in prep.). Contribution of Belgium to EBCC European Breeding Bird Atlas 2. Internal Report.
<b>Breeding short-term trend:</b> Vermeersch G. et al. (2018, in press). Broedvogels in Vlaanderen in de periode 2013-2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek (INBO), Brussel. / Paquet, J-Y., Anselin, A., Vermeersch, G., Derouaux, A., Devos, K. (2019, in prep.). Contribution of Belgium to EBCC European Breeding Bird Atlas 2. Internal Report.
<b>Breeding long-term trend:</b> Vermeersch G. et al. (2018, in press). Broedvogels in Vlaanderen in de periode 2013-2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek (INBO), Brussel. / Paquet, J-Y., Anselin, A., Vermeersch, G., Derouaux, A., Devos, K. (2019, in prep.). Contribution of Belgium to EBCC European Breeding Bird Atlas 2. Internal Report.

#### Bosnia and Herzegovina

<b>Breeding population size:</b> Based on data for EBBA2
<b>Breeding short-term trend:</b> more individual articles e.g published in magazine Bilten mreže posmatrača ptica u Bosni i Hercegovini-see <a href="https://ptice.ba/bs/category/bilteni/">https://ptice.ba/bs/category/bilteni/</a> ), individual reports (e.g. for EBBA2, projects etc)

#### Bulgaria

<b>Breeding population size:</b> Antonov, A., Georgiev, D., Vasilev, V., Ilieva, M. 2007. <i>Acrocephalus palustris</i> . In: Iankov, P. (Ed.) Atlas of breeding birds in Bulgaria. Bulgarian Society for the Protection of Birds Conservation series, Book 10, BSPB, Sofia.; National Art. 12 reporting database 2013-2018; Nankinov, D. et al. Breeding totals of the ornithofauna in Bulgaria. Green Balkans, Plovdiv, 2004.
<b>Breeding short-term trend:</b> Antonov, A., Georgiev, D., Vasilev, V., Ilieva, M. 2007. <i>Acrocephalus palustris</i> . In: Iankov, P. (Ed.) Atlas of breeding birds in Bulgaria. Bulgarian Society for the Protection of Birds Conservation series, Book 10, BSPB, Sofia.; National Art. 12 reporting database 2013-2018; Nankinov, D. et al. Breeding totals of the ornithofauna in Bulgaria. Green Balkans, Plovdiv, 2004.
<b>Breeding long-term trend:</b> Antonov, A., Georgiev, D., Vasilev, V., Ilieva, M. 2007. <i>Acrocephalus palustris</i> . 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

<b>Breeding population size:</b> Dumbović Mazal V., Pintar V., Zdravec M. (2019): Prvo izvješće o brojnosti i rasprostranjenosti ptica u Hrvatskoj sukladno odredbama Direktive o pticama.
<b>Breeding short-term trend:</b> Dumbović Mazal V., Pintar V., Zdravec M. (2019): Prvo izvješće o brojnosti i rasprostranjenosti ptica u Hrvatskoj sukladno odredbama Direktive o pticama.
<b>Breeding long-term trend:</b> Dumbović Mazal V., Pintar V., Zdravec M. (2019): Prvo izvješće o brojnosti i rasprostranjenosti ptica u Hrvatskoj sukladno odredbama Direktive o pticama.

#### Czechia

<b>Breeding population size:</b> Šťastný et Bejček in prep. - Atlas hnízdního rozšíření ptáků ČR 2014-2017
<b>Breeding short-term trend:</b> ČSO (unpubl.): Common Bird Monitoring Programme

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### Czechia

**Breeding long-term trend:** ČSO (unpubl.): Common Bird Monitoring Programme

### Denmark

**Breeding population size:** Charlotte M. Moshøj, Daniel Palm Eskildsen, Michael Fink Jørgensen & Thomas Vikstrøm, (2018): Overvågning af de almindelige fuglearter i Danmark 1975-2017 & Mandrup, E. 1997, Hvor mange fugle yngler i Danmark, Dansk Ornitologisk Tidsskrift, nr 3, 1997

**Breeding short-term trend:** Charlotte M. Moshøj, Daniel Palm Eskildsen, Michael Fink Jørgensen & Thomas Vikstrøm, (2018): Overvågning af de almindelige fuglearter i Danmark 1975-2017

**Breeding long-term trend:** Charlotte M. Moshøj, Daniel Palm Eskildsen, Michael Fink Jørgensen & Thomas Vikstrøm, (2018): Overvågning af de almindelige fuglearter i Danmark 1975-2017

### Estonia

**Breeding population size:** Estonian Working Group on Bird Status and Numbers

**Breeding short-term trend:** [1] Estonian Working Group on Bird Status and Numbers [2] Point counts of breeding birds. [http://seire.keskkonnainfo.ee/index.php?option=com\\_content&view=article&id=3417&Itemid=5815](http://seire.keskkonnainfo.ee/index.php?option=com_content&view=article&id=3417&Itemid=5815)

**Breeding long-term trend:** [1] Estonian Working Group on Bird Status and Numbers [2] Point counts of breeding birds. [http://seire.keskkonnainfo.ee/index.php?option=com\\_content&view=article&id=3417&Itemid=5815](http://seire.keskkonnainfo.ee/index.php?option=com_content&view=article&id=3417&Itemid=5815)

### Finland

**Breeding population size:** Lehikoinen, A., Below, A., Jukarainen, A., Laaksonen, T., Lehtiniemi, T., Mikkola-Roos, M., Pessa, J., Rajasärkkä, A., Rusanen, P., Sirkiä, P., Tiainen, J. & Valkama, J. 2019: Suomen lintujen pesimäkantojen koot. – Linnut-vuosikirja 2018: 38-45.

**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.

### France

**Breeding population size:** Issa, N. 2014. Atlas des oiseaux de France nicheurs et en hiver. , Delachaux & Niestlé, Paris..

### Georgia

**Breeding population size:** EBBA Georgia, prepared by Sabuko-Society for nature conservation, Ilia state university, NGO "psovi".

### Germany

**Breeding population size:** Monitoring häufiger Brutvögel ([http://www.dda-web.de/index.php?cat=monitoring&subcat=ha\\_neu&subsubcat=kontakt](http://www.dda-web.de/index.php?cat=monitoring&subcat=ha_neu&subsubcat=kontakt))

**Breeding short-term trend:** Monitoring häufiger Brutvögel ([http://www.dda-web.de/index.php?cat=monitoring&subcat=ha\\_neu&subsubcat=kontakt](http://www.dda-web.de/index.php?cat=monitoring&subcat=ha_neu&subsubcat=kontakt))

**Breeding long-term trend:** Gerlach et al. (in Vorb.): Vögel in Deutschland – 2019. Dachverband Deutscher Avifaunisten, Bundesamt für Naturschutz und Länderarbeitsgemeinschaft der Vogelschutzwarten, Münster.

### Greece

**Breeding population size:** 1) BirdLife International (2004) Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 12).

**Breeding short-term trend:** 1) BirdLife International (2004) Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 12).

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### Hungary

**Breeding population size:** National common bird monitoring scheme (MMM) database.

**Breeding short-term trend:** National common bird monitoring scheme (MMM) database. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. 189-190 p.

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### 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 Brichetti P & Fracasso G. 2010. Ornitologia italiana. Vol.6 (Sylviidae-Paradoxorni)

**Breeding short-term trend:** Extrapolated data by the average annual trend, from: Rete Rurale Nazionale & LIPU (2015). Uccelli comuni in Italia. Aggiornamento degli andamenti di popolazione e del FBI per la Rete Rurale Nazionale dal 2000 al 2014. LIPU, 16 pp.

**Breeding long-term trend:** Brichetti P., Meschini E., 1993. Stima delle popolazioni di uccelli nidificanti. In Meschini E., Frugis S., 1993. Atlante degli uccelli nidificanti in Italia. Suppl. Ric. Biol. Selvaggina, 20, 1-345.

### Kosovo

**Breeding population size:** Qenan Maxhuni

**Breeding short-term trend:** Qenan Maxhuni

**Breeding long-term trend:** Puzovic, S. et al. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12

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### Latvia

<b>Breeding population size:</b> Aunins A., Mardega I. 2018. [Countrywide monitoring of the common birds. Final report for the year 2018.] (in Latvian) Latvian Ornithological society.
<b>Breeding short-term trend:</b> Keiss O. 2018. [Countrywide monitoring of the night active birds in farmland. Final report for the year 2018.] (in Latvian) Latvian Ornithological society
<b>Breeding long-term trend:</b> Aunins A., Mardega I. 2018. [Countrywide monitoring of the common birds. Final report for the year 2018.] (in Latvian) Latvian Ornithological society.

### Lithuania

<b>Breeding population size:</b> Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) 2015-2018. Lietuvos perinčių paukščių atlaso duomenų bazė (Lithuanian Breeding Birds Atlas Database). Vilnius. Ministry of Environment of the Republic of Lithuania. 2012. Status and trends of bird populations (Article 12, Birds Directive 2009/147/EC) National Summary 2008-2012 Lithuania.
<b>Breeding short-term trend:</b> Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) 2015-2018. Lietuvos perinčių paukščių atlaso duomenų bazė (Lithuanian Breeding Birds Atlas Database). Vilnius. Ministry of Environment of the Republic of Lithuania. 2012. Status and trends of bird populations (Article 12, Birds Directive 2009/147/EC) National Summary 2008-2012 Lithuania.
<b>Breeding long-term trend:</b> Logminas, V. (ed.). 1991. Lietuvos fauna: paukščiai. Vilnius: „Mokslas“. 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. Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“, 256 p. Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) 2015-2018. Lietuvos perinčių paukščių atlaso duomenų bazė (Lithuanian Breeding Birds Atlas Database). Vilnius. Ministry of Environment of the Republic of Lithuania. 2012. Status and trends of bird populations (Article 12, Birds Directive 2009/147/EC) National Summary 2008-2012 Lithuania.

### Luxembourg

<b>Breeding population size:</b> Ornitho.lu (2018): online database natur&ëmwelt asbl & Dachverband Deutscher Avifaunisten (DDA) e.V.; Luxembourg Recorder (2018): database Musée national d'histoire naturelle; Luxembourg Lorgé P., E. Melchior (2016): Die Vögel Luxemburgs. Natur&ëmwelt Luxembourg. ISBN: 978-2-919920-01-3
<b>Breeding short-term trend:</b> Ornitho.lu (2018): online database natur&ëmwelt asbl & Dachverband Deutscher Avifaunisten (DDA) e.V.; Luxembourg Recorder (2018): database Musée national d'histoire naturelle; Luxembourg Lorgé P., E. Melchior (2016): Die Vögel Luxemburgs. Natur&ëmwelt Luxembourg. ISBN: 978-2-919920-01-3
<b>Breeding long-term trend:</b> Ornitho.lu (2018): online database natur&ëmwelt asbl & Dachverband Deutscher Avifaunisten (DDA) e.V.; Luxembourg Recorder (2018): database Musée national d'histoire naturelle; Luxembourg Lorgé P., E. Melchior (2016): Die Vögel Luxemburgs. Natur&ëmwelt Luxembourg. ISBN: 978-2-919920-01-3; Melchior E., E. Mentgen, R. Peltzer, R. Schmitt, J. Weiss (1987): Atlas der Brutvögel Luxemburgs. Lëtzebuurger Natur- a Vulleschutzliga. Kremer-Muller & Cie, Foetz, Luxembourg

### North Macedonia

<b>Breeding population size:</b> unpublished data from the European Breeding Bird Atlas 2
<b>Breeding short-term trend:</b> unpublished data from the European Breeding Bird Atlas 2

### Moldova

<b>Breeding population size:</b> Moldova's contribution for the second European Breeding Bird Atlas (EBBA2)
<b>Breeding short-term trend:</b> SPPN expert opinion (sppn.moldova@gmail.com)
<b>Breeding long-term trend:</b> SPPN expert opinion (sppn.moldova@gmail.com)

### Montenegro

<b>Breeding population size:</b> 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,
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### Netherlands

<b>Breeding population size:</b> Sovon Bird atlas (Sovon 2018)
<b>Breeding short-term trend:</b> NEM (Sovon, RWS, CBS, provinces)
<b>Breeding long-term trend:</b> NEM (Sovon, RWS, CBS, provinces)

### Norway

<b>Breeding population size:</b> Shimmings P. & Øien, I.J. 2015. Bestandsestimater og trender for norske hekkefugler. NOF-rapport 2015-2.
<b>Breeding long-term trend:</b> (a) Shimmings, P. & Øien, I.J. 2015. Bestandsestimater for norske hekkefugler. NOF Rapport 2-2015. 268 pp. (b) Artsobservasjoner www.artsobservasjoner.no

### Poland

<b>Breeding population size:</b> State Environmental Monitoring / Chief Inspectorate of Environmental Protection (survey: MPPL – Common Bird Survey)
<b>Breeding short-term trend:</b> State Environmental Monitoring / Chief Inspectorate of Environmental Protection (survey: MPPL)
<b>Breeding long-term trend:</b> Chief Inspectorate of Environmental Protection & Polish Society for the Protection of Birds (OTOP) / BirdLife Poland

### Romania

<b>Breeding population size:</b> Romanian Common Bird Monitoring Programme, Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database
<b>Breeding short-term trend:</b> Romanian Common Bird Monitoring Programme, Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database
<b>Breeding long-term trend:</b> Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database

## *Acrocephalus palustris* (Marsh Warbler)

### Russia

**Breeding population size:** Voltzit & Kalyakin 2013-2019; Database of the project on Atlas of breeding birds of European Russia

**Breeding long-term trend:** Preobrazhenskaya 2009; Sarychev unpublished. vssar@yandex.ru

### Serbia

**Breeding population size:** EBBA2 project; Puzović, S., Radišić, D., Ružić, M., Rajković, D., Radaković, M., Pantović, U., Janković, M., Stojnić, N., Šćiban, M., Tucakov, M., Gergelj, J., Sekulić, G., Agošton, A. & Raković, M. 2015. Birds of Serbia: Breeding Population Estimates and Trends for the Period 2008-2013. Bird protection and study society of Serbia, and Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Novi Sad.

**Breeding short-term trend:** Puzović, S., Radišić, D., Ružić, M., Rajković, D., Radaković, M., Pantović, U., Janković, M., Stojnić, N., Šćiban, M., Tucakov, M., Gergelj, J., Sekulić, G., Agošton, A. & Raković, M. 2015. Birds of Serbia: Breeding Population Estimates and Trends for the Period 2008-2013. Bird protection and study society of Serbia, and Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Novi Sad.

**Breeding long-term trend:** Puzović, S., Radišić, D., Ružić, M., Rajković, D., Radaković, M., Pantović, U., Janković, M., Stojnić, N., Šćiban, M., Tucakov, M., Gergelj, J., Sekulić, G., Agošton, A. & Raković, M. 2015. Birds of Serbia: Breeding Population Estimates and Trends for the Period 2008-2013. Bird protection and study society of Serbia, and Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Novi Sad.

### Slovakia

**Breeding population size:** Coordinatory group for reporting 2019. Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

**Breeding short-term trend:** Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018. Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

**Breeding long-term trend:** Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018. Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

### Slovenia

**Breeding population size:** Population size for year 2018 was calculated based on the population estimate in previous reporting under the Birds Directive (DOPPS 2014) for the period 2008-2012, which was 10000-15000 pairs, and population trend for farmland landscape in Slovenia for the period 2008-2018 from Kmecl & Šumrada (2018), which was moderate decline (annual multiplicative trend value 0.934). Population estimate was rounded upwards. DOPPS (2014): Povzetek poročila po 12. členu Direktive o pticah za obdobje 2008-2012. Naročnik: Zavod RS za varstvo narave. DOPPS, Ljubljana. [http://ptice.si/2014/wp-content/uploads/2016/10/2016\\_25\\_10\\_porocilo\\_pd\\_2008\\_2012-povzetek.pdf](http://ptice.si/2014/wp-content/uploads/2016/10/2016_25_10_porocilo_pd_2008_2012-povzetek.pdf) Kmecl P., Šumrada T. (2018): Monitoring splošno razširjenih vrst ptic za določitev slovenskega indeksa ptic kmetijske krajine - končno poročilo za leto 2018. DOPPS, Ljubljana.

**Breeding short-term trend:** Kmecl P., Šumrada T. (2018): Monitoring splošno razširjenih vrst ptic za določitev slovenskega indeksa ptic kmetijske krajine - končno poročilo za leto 2018. DOPPS, Ljubljana.

**Breeding long-term trend:** There are no sources for this information.

### 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. SOF, Halmstad. Swedish Bird Survey. BirdLife Sverige, Annual Bird reports.

**Breeding short-term trend:** Svensk fågeltaxering - Swedish Bird Survey

**Breeding long-term trend:** Svensk fågeltaxering - Swedish Bird Survey

### Switzerland

**Breeding population size:** Knaus, P., S. Antoniazza, S. Wechsler, J. Guélat, M. Kéry, N. Strebel & T. Sattler (2018): Swiss Breeding Bird Atlas 2013–2016. Distribution and population trends of birds in Switzerland and Liechtenstein. Swiss Ornithological Institute, Sempach.

**Breeding short-term trend:** <https://www.vogelwarte.ch/en/projects/population-trends/breeding-population-indices/>

**Breeding long-term trend:** <https://www.vogelwarte.ch/en/projects/population-trends/breeding-population-indices/>

### Turkey

**Breeding population size:** Eken G., Bozdoğan M., İsfendiyoğlu 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) Kusbank Bird Database (Ebird) 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-

### Ukraine

**Breeding population size:** Atlas work, non-published data

### United Kingdom

**Breeding population size:** RBBP; Holling, M. & the Rare Breeding Birds Panel. 2018. Rare breeding birds in the United Kingdom in 2016. British Birds 111: 644-694.

**Breeding short-term trend:** RBBP; Holling, M. & the Rare Breeding Birds Panel. 2018. Rare breeding birds in the United Kingdom in 2016. British Birds 111: 644-694.

**Breeding long-term trend:** RBBP; Holling, M. & the Rare Breeding Birds Panel. 2018. Rare breeding birds in the United Kingdom in 2016. British Birds 111: 644-694.

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