



THE IUCN RED LIST
OF THREATENED SPECIES™



***Dendrocopos major* (Great Spotted Woodpecker)**

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).

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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.

Dendrocopos major (Great Spotted Woodpecker)

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

Country (or territory) ²	Population estimate				Short-term population trend ⁵				Long-term population trend ⁵				Subspecific population (where relevant)
	Size (pairs) ³	Europe (%)	Year(s)	Method ⁴	Direction ⁶	Magnitude (%) ⁷	Year(s)	Method ⁴	Direction ⁶	Magnitude (%) ⁷	Year(s)	Method ⁴	
Albania	1300–3100	<1	2007-2018	partial	+	174 to 208	2007-2018	partial	+	174 to 208	1980-2018	expert	
Andorra	570–1100	<1	2014-2017	partial	?		2011-2018	complete	?				
Armenia	1000–1500	<1	2013-2018	complete	0		2007-2018		0		2003-2018	partial	
Austria	100000–150000	1	2013-2018	partial	0		2007-2018	complete	?		1981-2018	deficient	all others
Azerbaijan	5000–20000	<1	1996-2019	expert	?		2013-2019	expert	?		1980-2019	expert	
Belarus	450000–550000	5	2010-2018	partial	0	-10 to 10	2012-2019	expert	0	0	1980-2019	expert	
Belgium	67500–115000	<1	2013-2018	partial	+	3 to 38	2008-2018	complete	+	514 to 945	1973-2018	partial	all others
Bosnia & HG	40000–60000	<1	2015-2018	complete	?	-10 to 10	2007-2018	complete	?		1980-2018	deficient	
Bulgaria	90000–150000	1	2005-2018	partial	F		2000-2018	complete	F		1980-2018	partial	all others
Croatia	50000–100000	<1	2014-2014	expert	?		2007-2018	deficient	?		1980-2018	deficient	all others
Czechia	250000–500000	3	2014-2017	complete	+		2007-2018	complete	+		1982-2018	complete	all others
Denmark	135000–136000	1	2017	partial	+	4 to 52	2006-2017	complete	+	26 to 66	1980-2017	complete	all others
Estonia	40000–60000	<1	2013-2017	partial	0	-30 to 16	2007-2018	partial	+	40 to 57	1983-2018	partial	all others
Finland	228000–528000	3	2013-2018	complete	F		2007-2018	complete	+	7 to 67	1980-2018	complete	all others
France	400000–700000	5	2013-2018	partial	+		2007-2018	complete	+		2001-2018	complete	all others
Georgia	4000–40100	<1	2013-2017	partial	?			deficient	?				
Germany	830000–1100000	9	2016-2016	complete	+	20 to 39	2004-2016	complete	+		1980-2016	expert	all others
Greece	1000–2000	<1	2015	partial	0		2007-2018	partial	?		1980-2018	deficient	all others
Hungary	252000–297000	3	2014-2018	complete	?		2007-2018	expert	?		1980-2018	deficient	all others
Rep. Ireland	36–90	<1	2013-2018	partial	+	414 to 1100	2009-2018	partial	+		1980-2018	partial	all others
Italy	70000–150000	1	2013-2018	expert	+	20 to 30	2000-2014	partial	+	400 to 600	1993-2018	expert	all others
Kosovo	15000–25000	<1	2007-2019	partial	-		2007-2018	partial	-		1990-2018	partial	
Latvia	50000–120000	<1	2018-2018	partial	-	-48 to -17	2008-2018	complete	-		1991-2018	expert	all others
Lithuania	47000–65000	<1	2013-2018	partial	-	-30 to -10	2013-2018	partial	0	0	1980-2018	partial	all others
Luxembourg	3000–5000	<1	2013-2018	partial	0	0	2007-2018	partial	?		1980-2018	expert	all others
North Macedonia	1500–5000	<1	2014-2019	expert	0		2007-2018	expert	?		1980-2019		
Moldova	7000–9000	<1	2014-2017	partial	+		2007-2018	partial	0		1990-2018	expert	
Montenegro	10000–20000	<1	2002-2012	expert	0		2007-2018	expert	?				
Netherlands	75000–100000	<1	2013-2015	complete	+	30 to 46	2006-2017	complete	+	47 to 105	1984-2017	complete	all others
Norway	10000–35000	<1	2013-2018	expert	F		2013-2018	partial	0		1980-2018	partial	
Poland	883000–1010000	9	2013-2018	complete	+	13 to 30	2007-2018	complete	?		1980-2018	deficient	all others
Portugal	50000–150000	<1	2013-2018	partial	0		2004-2018	partial	0		1980-2018	partial	all others

Dendrocopos major (Great Spotted Woodpecker)

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

Country (or territory) ²	Population estimate				Short-term population trend ⁵				Long-term population trend ⁵				Subspecific population (where relevant)
	Size (pairs) ³	Europe (%)	Year(s)	Method ⁴	Direction ⁶	Magnitude (%) ⁷	Year(s)	Method ⁴	Direction ⁶	Magnitude (%) ⁷	Year(s)	Method ⁴	
Romania	331000–493000	4	2013-2015	complete	0	-3 to 3	2008-2018	complete	?		1980-2018	deficient	all others
Russia	3100000–5000000	37	2006-2018	partial	-	-50 to -10	2006-2019	partial	-	-29 to -20	1980-2018	partial	
Serbia	118000–177000	1	2013-2018	partial	0	0	2007-2018	complete	0	0	1980-2018	complete	
Slovakia	30000–60000	<1	2013-2018	partial	0		2007-2018	partial	0		1980-2018	partial	all others
Slovenia	52000–105000	<1	2018-2018	complete	0		2008-2018	complete	?		1980-2018	deficient	all others
Spain	273000–464000	3	2004-2018	partial	+	12 to 76	2007-2018	complete	+	12 to 76	1980-2018	complete	all others
ES: Canary Is	1000	<1	1997-2018	expert	?		2007-2018	deficient	?		1980-2018	deficient	thanneri
ES: Canary Is	200	<1	1997-2018	partial	+		2007-2018	expert	+		1980-2018	expert	canariensis
Sweden	144000–269000	2	2013-2018	partial	F	-50 to 100	2007-2018	partial	F	-50 to 100	1980-2018	partial	all others
Switzerland	70000–90000	<1	2013–2016	partial	0	-15 to 27	2007-2018	complete	+	70 to 135	1990-2018	complete	
Turkey	25000–100000	<1	2002-2012	expert	?		2008-2019	deficient	?		1980-2013	deficient	
Ukraine	200000–500000	3	2015-2017	partial	?		2007-2018	deficient	?		1980-2018	deficient	
United Kingdom	120000–145000	1	2016	partial	+		2004-2016	complete	+		1980-2016	complete	all others
EU28	4570000–6970000	52											
Europe	8630000–13700000	100											

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 '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) Deficient: insufficient or no data available.

⁵ 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.

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

⁷ 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.

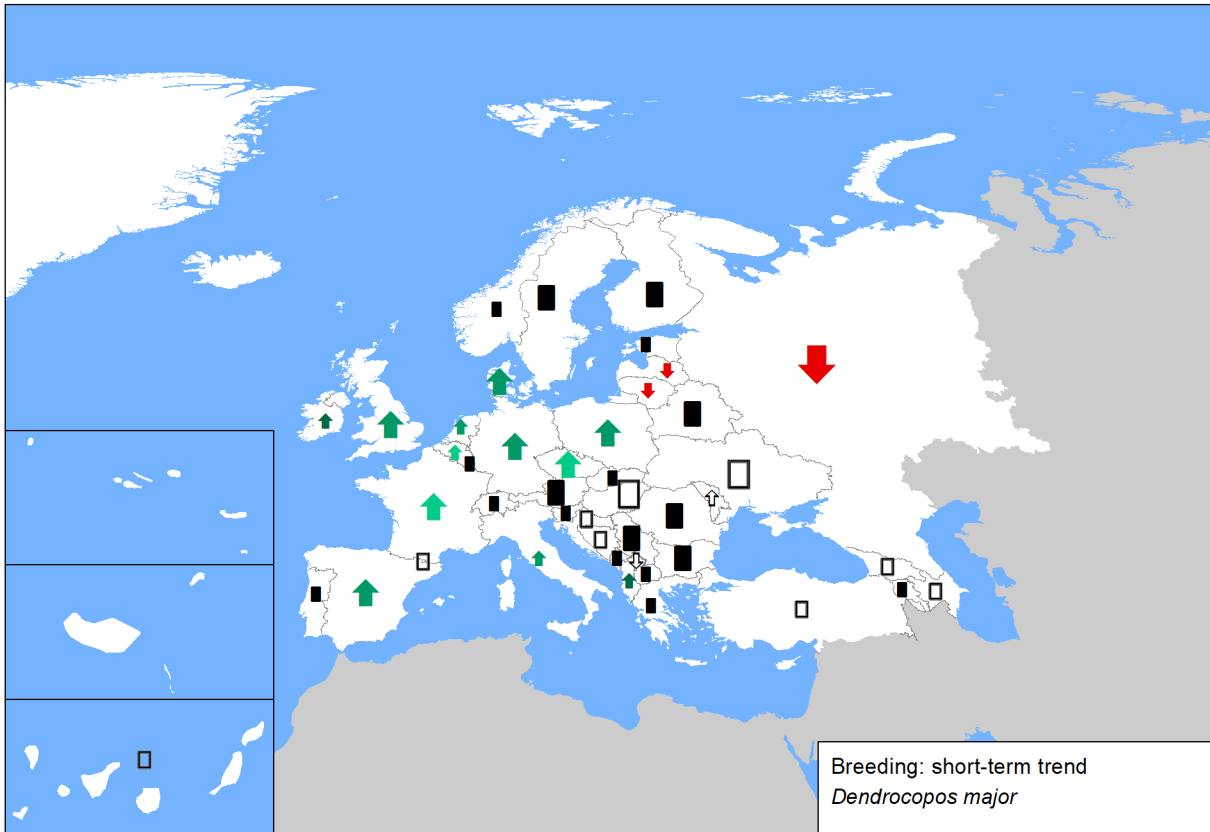
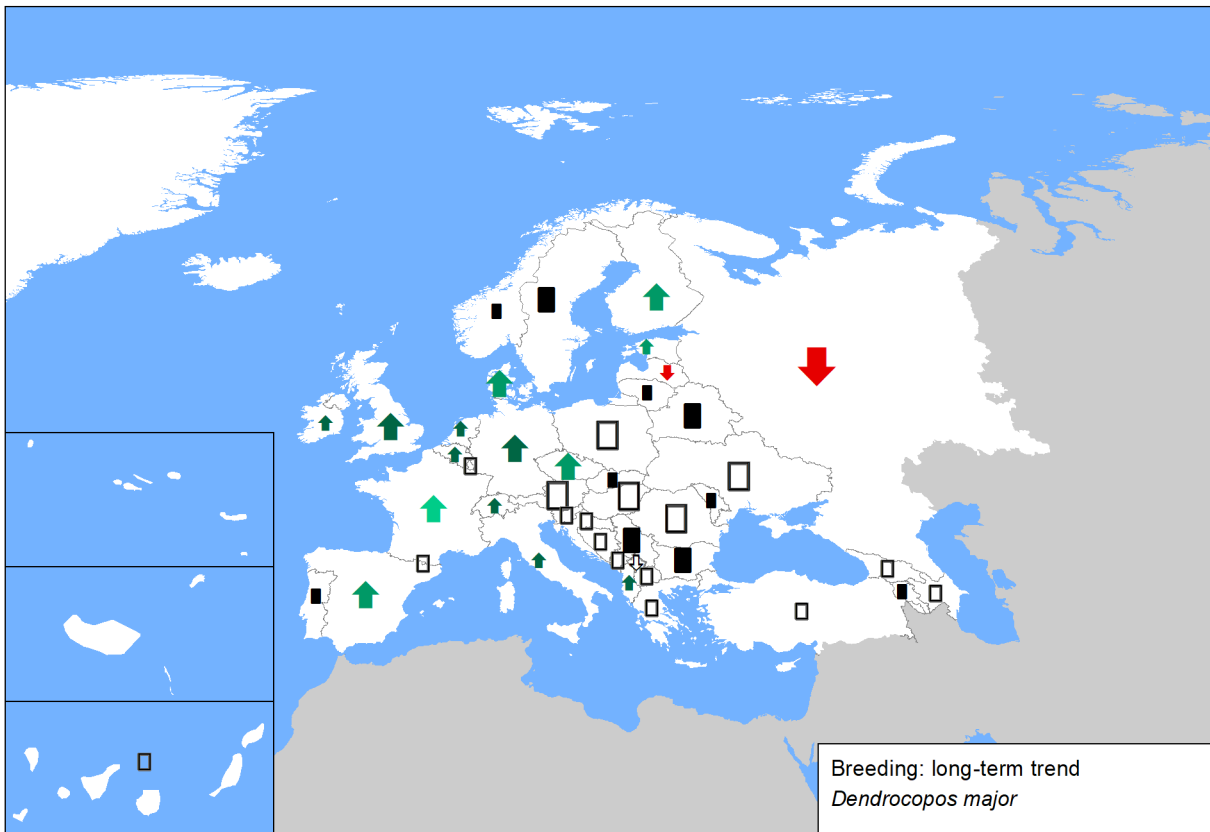


Figure 2. Breeding population sizes and long-term trends across Europe.



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Sources

Albania

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

Andorra

Breeding population size: Fieldwork EBBA2, published at "Guia dels ocells d'Andorra. J. Nicolau & C. Pladevall, 2018"
Breeding short-term trend: Common Bird Monitoring Scheme of Andorra (SOCA)

Armenia

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

Austria: all others

Breeding population size: BirdLife Austria, estimate based on a sample of breeding densities from different sites and habitats and corrected by the results of the Austrian breeding bird monitoring ("Brutvogelmonitoring") for 1998- 2018
Breeding short-term trend: BirdLife Austria, results of the Austrian Breeding bird monitoring ("Brutvogelmonitoring")
Breeding long-term trend: BirdLife Austria, unpublished

Azerbaijan

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

Belarus

Breeding population size: 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"
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: all others

Breeding population size: 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.
Breeding short-term trend: 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.
Breeding long-term trend: 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

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

Bulgaria: all others

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.; National Art. 12 reporting database 2013-2018; Common birds monitoring scheme in Bulgaria BSPB Bird Database SPA mapping of breeding birds 2012
Breeding short-term trend: Common birds monitoring scheme http://bspb.org/monitoring/bg/product-view/3/25.html (Population trend estimate covers the period 2005-2012); National Art. 12 reporting database 2013-2018; Iankov, P. (ed.) 2007. Atlas of breeding birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10. Sofia, BSPB. BSPB Bird Database SPA mapping of breeding birds 2012
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Croatia: all others

Breeding population size: BirdLife International 2015: European Red List of Birds. Luxembourg: Office for Official Publications of the European Communities.). http://datazone.birdlife.org/info/euroredlis
Breeding short-term trend: no data available
Breeding long-term trend: no data available

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Czechia: all others

Breeding population size: Šťastný et Bejček in prep. - Atlas hnízdního rozšíření ptáků ČR 2014-2017

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

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Denmark: all others

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

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Estonia: all others

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Finland: all others

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.

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France: all others

Breeding population size: Issa N. & Muller Y. coord. 2015. Atlas des Oiseaux Nicheurs de France Metropolitaine. Nidification et présence hivernale.. LPO / SEOF / MNHN, Delachaux et Niestlé, Paris 1408 p

Breeding short-term trend: . STOC EPS / MNHN.

Breeding long-term trend: . STOC EPS / MNHN.

Georgia

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Germany: all others

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Greece: all others

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).

Hungary: all others

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Breeding short-term trend: Expert opinion. The MMM estimated a strong increase for the short-term trend, but it seems unrealistically high.

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Breeding population size: Crowe, O. (2019). Status of rare breeding birds in the Republic of Ireland 2013 - 2018. Unpublished report to the National Parks and Wildlife Service, Dublin, Ireland.

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Italy: all others

Breeding population size: Bricchetti P & Fracasso G. 2007. Ornitologia italiana. Vol.4 (Apodidae-Prunellidae). Alberto Perdisa Editore, Bologna

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Kosovo

Breeding population size: Qenan Maxhuni

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Latvia: all others

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Lithuania: all others

Breeding population size: 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.

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Luxembourg: all others

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Breeding long-term trend: Experts' estimate

North Macedonia

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Moldova

Breeding population size: Moldova's contribution for the second European Breeding Bird Atlas (EBBA2)

Breeding short-term trend: SPPN expert opinion (sppn.moldova@gmail.com)

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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,

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Norway

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

Breeding short-term trend: Terrestrial monitoring programme - extensive (TOV-e)

Breeding long-term trend: Shimmings, P. & Øien, I.J. 2015. Bestandsestimer og trender for norske hekkfugler. NOF Rapport 2-2015. 268 pp.

Poland: all others

Breeding population size: State Environmental Monitoring / Chief Inspectorate of Environmental Protection (survey: MPPL – Common Bird Survey)

Breeding short-term trend: State Environmental Monitoring / Chief Inspectorate of Environmental Protection (survey: MPPL)

Breeding long-term trend: Chief Inspectorate of Environmental Protection & Polish Society for the Protection of Birds (OTOP) / BirdLife Poland

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Portugal: all others

Breeding population size: eBird (2019). eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <http://www.ebird.org/portugal/home>. (Accessed: October 22, 2018).

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Romania: all others

Breeding population size: Romanian Common Bird Monitoring Programme, Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database

Breeding short-term trend: Romanian Common Bird Monitoring Programme, Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database

Breeding long-term trend: Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database

Russia

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

Breeding short-term trend: Results of winter bird surveys in Russia and adjacent regions 2007-2018

Breeding long-term trend: Results of winter bird surveys in Russia and adjacent regions 2007-2018

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.

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Slovakia: all others

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Breeding population size: Mihelič T., Kmecl P., Denac K., Koce U., Vrezec A., Denac D. (eds.) (2019): Atlas ptic Slovenije. Popis gnezdičk 2002–2017. (The atlas of birds of Slovenia. The census of breeding birds 2002-2017.) – DOPPS, Ljubljana. Kmecl P. & Šumrada T. (2018): Monitoring splošno razširjenih vrst ptic za določitev slovenskega indeksa ptic kmetijske krajine - končno poročilo za leto 2018. (Monitoring of common bird species for the determination of Slovenian farmland bird index - final report for the year 2018.) – DOPPS, Ljubljana.

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Ukraine

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United Kingdom: all others

Breeding population size: Baseline = Newson, S.E., Evans, K.L., Noble, D.G., Greenwood, J.J.D. & Gaston, K.J. 2008. Use of distance sampling to improve estimates of national population sizes for common and widespread breeding birds in the UK. Journal of Applied Ecology 45: 1330-1338. Extrapolation from 2006 using Breeding Bird Survey monitoring trend.

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