

***Glaucidium passerinum* (Eurasian Pygmy-owl)**

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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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.

Glucidium passerinum (Eurasian Pygmy-owl)

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	
Austria	4000–8000	5	2013-2018	partial	0		2007-2018	partial	?		1981-2018	deficient	
Belarus	5500–8000	6	2010-2018	partial	+	20 to 50	2012-2019	expert	0	0	1980-2019	expert	
Belgium	1–6	<1	2013-2018	complete	+		2013-2018	complete	+		1973-2018	complete	
Bosnia & HG	1000–1500	1	2015-2018	complete	?	-10 to 10	2007-2018	complete	?		1980-2018	deficient	
Bulgaria	120–220	<1	2005-2018	partial	0	5 to 10	2000-2018	partial	+	20 to 30	1980-2018	expert	
Croatia	150–250	<1	2010-2015	expert	?		2007-2018	deficient	?		1980-2018	deficient	
Czechia	1200–2000	1	2014-2017	complete	0		2007-2018	expert	+		1980-2018	complete	
Estonia	1000–1500	1	2013-2017	partial	+	39 to 112	2007-2018	partial	+	103 to 298	1987-2018	partial	
Finland	2600–4300	3	2013-2018	partial	-	-55 to -39	2007-2018	complete	+	21 to 80	1982-2018	complete	
France	450–900	<1	2012-2018	expert	+	15 to 30	2007-2018	partial	+	15 to 20	1980-2018	partial	
Germany	3400–6000	4	2016-2016	expert	0		2004-2016	expert	+		1985-2016	expert	
Greece	5–10	<1	2013-2018	partial	?		2007-2018	deficient	?		1980-2018	deficient	
Hungary	3–10	<1	2013-2018	partial	F		2007-2018	partial	+	200 to 900	2001-2018	partial	
Italy	700–1400	<1	2013-2018	expert	?		2007-2018	deficient	+	130 to 135	1993-2018	expert	
Latvia	3600–9500	5	2017-2017	complete	?	-51 to 19	2007-2018	complete	-	-58 to -8	2003-2018	complete	
Lithuania	1200–1500	1	2013-2018	partial	+	20 to 30	2013-2018	partial	+	900 to 2300	1980-2018	partial	
Montenegro	500–1000	<1	2013-2018	partial	+		2007-2018	expert	?				
Norway	5000–10000	6	2013-2018	deficient	F		2013-2018	expert	?		1980-2018	partial	
Poland	1400–1800	1	2013-2018	expert	?	-30 to 102	2010-2018	complete	+	1400 to 1600	1980-2018	expert	
Romania	8800–8900	8	2013-2014	complete	?		2007-2018	deficient	?		1980-2018	deficient	
Russia	30000–55000	35	2008-2018	partial	?		2008-2018	deficient	0		1980-2018	partial	
Serbia	50–100	<1	2013-2018	complete	0	0	2007-2018	complete	-	-29 to -10	1980-2018	complete	
Slovakia	1300–2000	1	2013-2018	expert	0		2007-2018	expert	0		1980-2018	expert	
Slovenia	200–380	<1	2002-2017	partial	?		2002-2017	deficient	?		1980-2017	deficient	
Sweden	9600–30000	16	2013-2018	partial	0	-30 to 30	2007-2018	partial	+	10 to 30	1980-2018	partial	
Switzerland	800–2000	1	2013–2016	partial	+	1 to 59	2007-2018	complete	0	-24 to 3	1990-2018	complete	
Ukraine	200–350	<1	2014-2019	partial	F	15 to 30	2007-2019	deficient	+	5 to 10	1980-2019	partial	
EU28	31000–69700	50											
Europe	82900–157000	100											

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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) Defficient: 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.

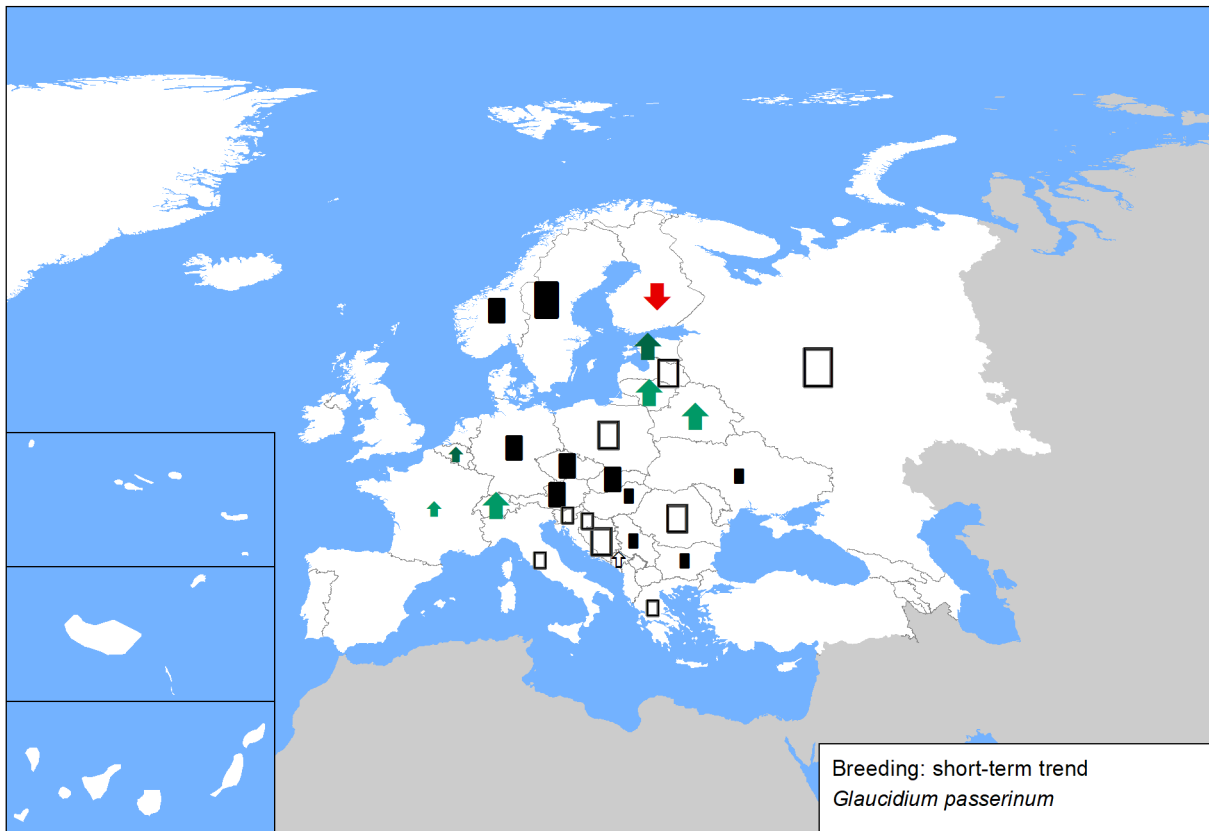
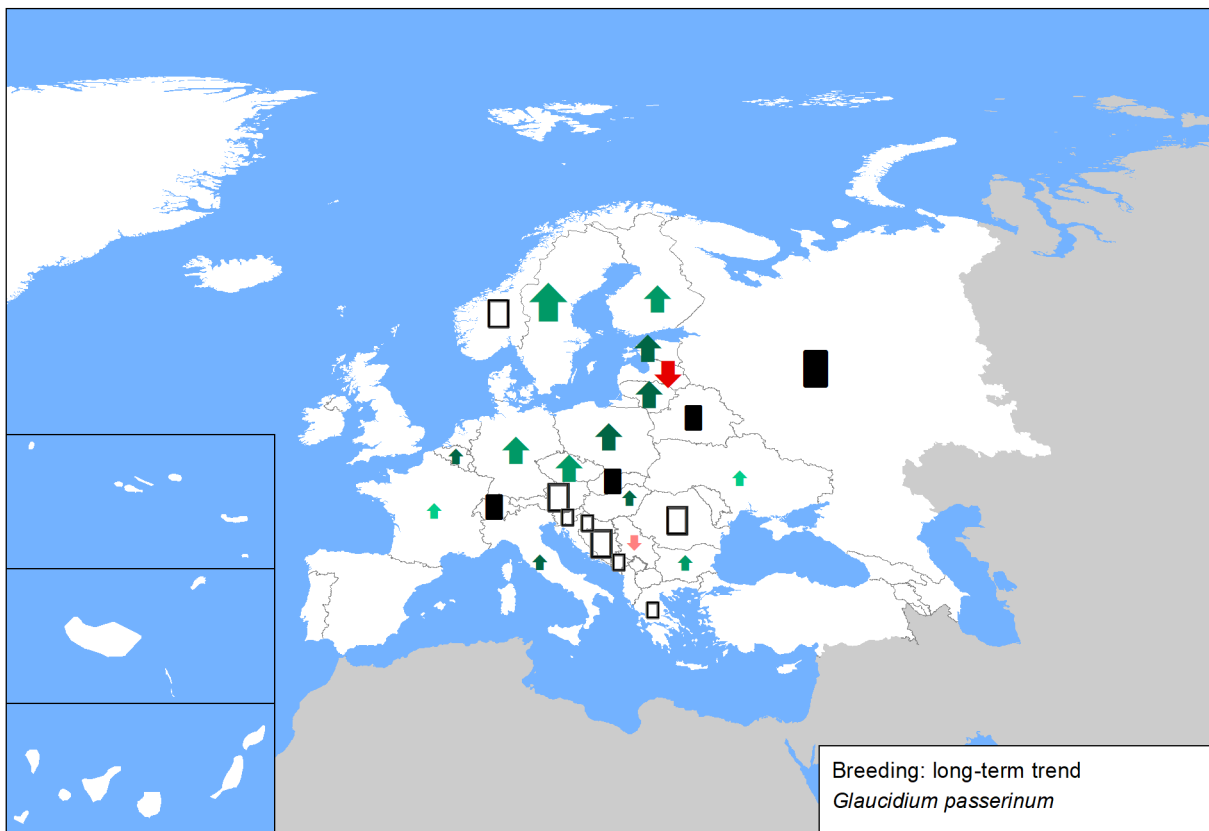


Figure 2. Breeding population sizes and long-term trends across Europe.



Glaucidium passerinum (Eurasian Pygmy-owl)

Sources

Austria

Breeding population size: BirdLife Austria, estimate based on a sample of breeding densities from different sites and habitats
Breeding short-term trend: BirdLife Austria, unpublished data from www.ornitho.at ; BirdLife Austria, unpublished archive data
Breeding long-term trend: BirdLife Austria, unpublished archive data

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. <i>Belarussian birds at the beginning of XXI century: status, numbers, distribution.</i> - 1997. - Minsk. - 187 p.

Belgium

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

Breeding population size: Iankov, P. (ed.) 2007 <i>Atlas of Breeding Birds in Bulgaria.</i> Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p. (In Bulgarian and English); National Art. 12 reporting database 2013-2018; Golemansky V. (ed.) 2011. <i>Red Data Book of the Republic of Bulgaria.</i> Digital edition, Vol. 2, Animals. BAS-MOEW, Sofia, http://e-ecodb.bas.bg/rdb/en/vol2/ Shurulinkov P., G.Stoyanov (2006) Some new findings of Pigmy Owl <i>Glaucidium passerinum</i> and Tengmalm's Owl <i>Aegolius funereus</i> in Western and Southern Bulgaria. <i>Acrocephalus</i> , 27 (128-129): 65-68 Shurulinkov P., A.Ralev, G.Daskalova, N.Chakarov (2007) Distribution, numbers and habitat of Pigmy Owl <i>Glaucidium passerinum</i> in Rhodopes Mts (S-Bulgaria). <i>Acrocephalus</i> , 28(135): 159-163. SLN Pacenovskiy S. & P.Shurulinkov (2008) Latest data on distribution of the Pigmy Owl (<i>Glaucidium passerinum</i>) in Bulgaria and Slovakia including population density comparison. <i>Slovak Raptor Journal</i> , 2: 91-106 Shurulinkov P., G.Stoyanov, E.Komitov, G.Daskalova, A.Ralev (2012) Contribution to the knowledge on distribution, number and habitat preferences of rare and endangered birds in Western Rhodopes Mts. Southern Bulgaria. <i>Strigiformes and Piciformes. Acta zoologica bulgarica.</i> , 64(1): 43-56.
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Breeding long-term trend: no data available

Czechia

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Estonia

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

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Finland

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Hungary

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Italy

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Breeding short-term trend: No recent data available

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.

Latvia

Breeding population size: Unpublished data for species conservation activity plan (draft); Expert: Andris Avotiņš jun., avotins.puces@gmail.com

Breeding short-term trend: Unpublished data for species conservation activity plan (draft); Expert: Andris Avotiņš jun., avotins.puces@gmail.com

Breeding long-term trend: Unpublished data for species conservation activity plan (draft); Expert: Andris Avotiņš jun., avotins.puces@gmail.com

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Lithuania

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