

***Alaudala rufescens* (Lesser Short-toed Lark)**

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

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.

Alaudala rufescens (Lesser Short-toed Lark)

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	
Armenia	2200–3100	<1	2013-2018	complete	-	-8 to -3	2007-2018	complete	?		2003-2018	deficient	
Azerbaijan	10000–100000	3	1996-2019	expert	?		2013-2019	expert	?		1980-2019	expert	
Georgia	present	<1		deficient	?			deficient	?				
Portugal	10–100	<1	2013-2018	partial	?		2007-2018	deficient	?		1980-2018	deficient	
Russia	300000–550000	36	2008-2018	partial	-	-20 to -10	2008-2018	expert	-	-49 to -30	1980-2018	expert	
Spain	230000–260000	22	2002-2018	partial	-		2007-2018	partial	-		1980-2018	partial	
ES: Canary Is	10000–20000	1	1997-2018	expert	?		2007-2018	expert	?		1980-2018	expert	
Turkey	300000–600000	38	2002-2012	deficient	?		2008-2019	deficient	?		1980-2013	deficient	
Ukraine	25–70	<1	2015-2017	partial	-		2010-2018	expert	-		1980-2018	expert	
EU28	240000–281000	23											
Europe	852000–1540000	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) 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 ($\geq 50\%$) | ↓ 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

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

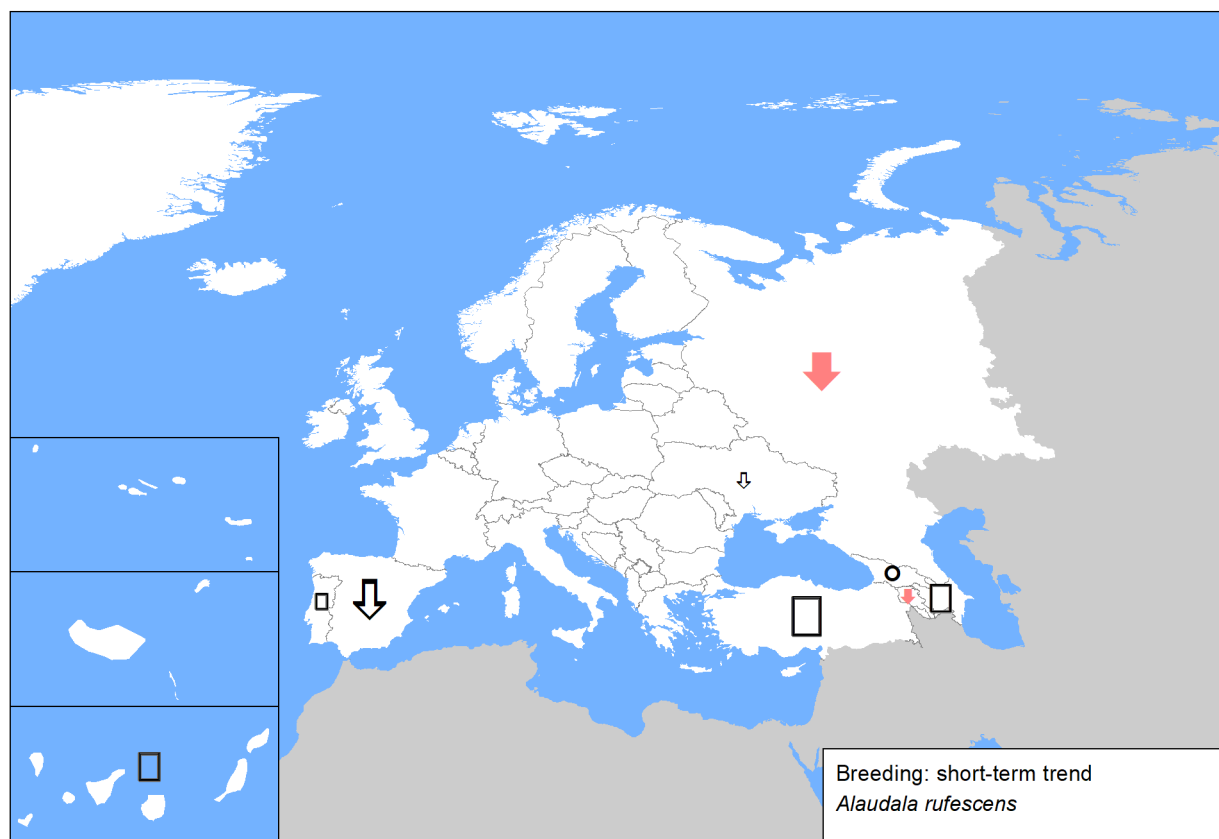
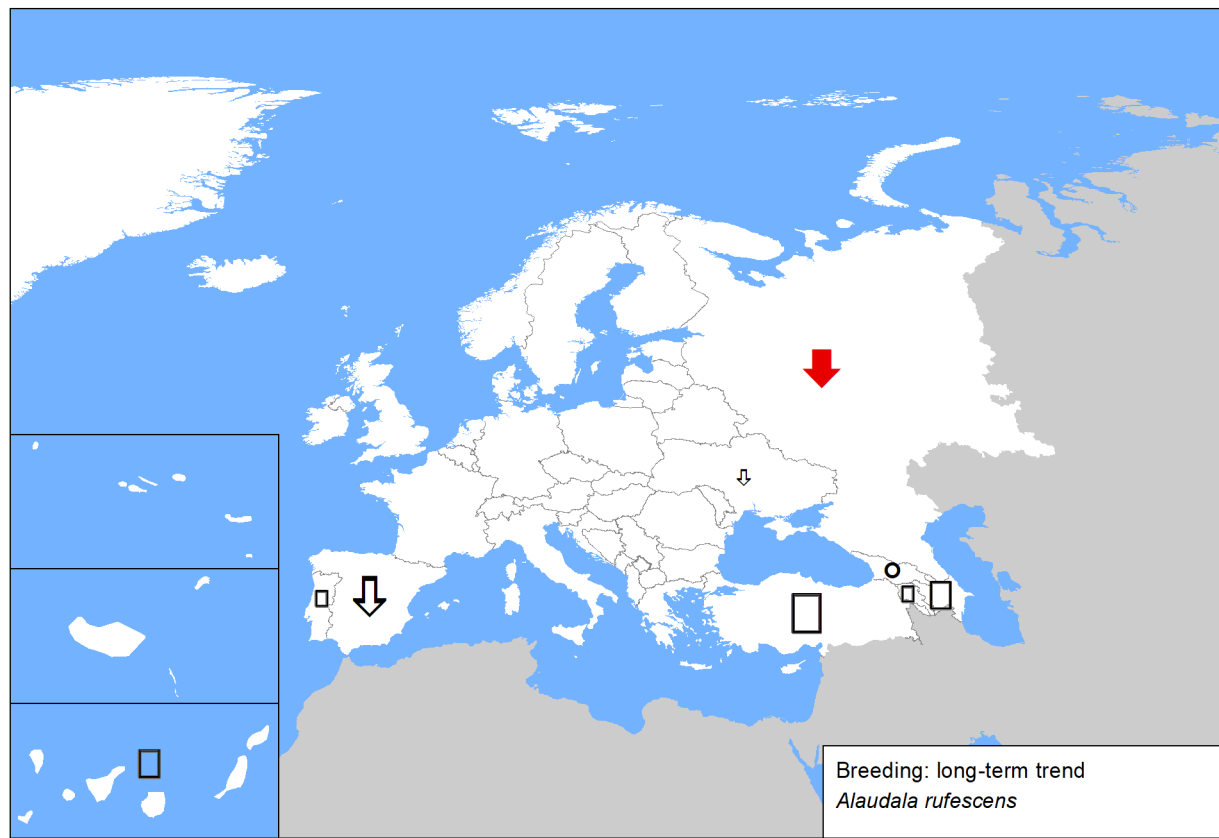


Figure 2. Breeding population sizes and long-term trends across Europe.



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Sources

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.

Azerbaijan

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

Georgia

Breeding population size: BirdLife International 2004
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Portugal

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).
--

Russia

Breeding population size: Voltzit & Kalyakin 2013-2019; Database of the project on Atlas of breeding birds of European Russia; Belik expert opinion. vpbelik@mail.ru
Breeding short-term trend: Belik 2014; 2015
Breeding long-term trend: Belik 2000; 2005; 2014; Belik et al. 2003

Spain

Breeding population size: Información proporcionada por las Comunidades Autónomas. Madroño, A., González, C. & Atienza, J.C. (Eds.). (2004). Libro Rojo de las Aves de España. Dirección General para la Biodiversidad-SEO/BirdLife, Madrid. 452 pp. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/terrera_marismenia_tcm30-99958.pdf) 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. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx).
Breeding short-term trend: BirdLife International (2015). <i>Alaudala rufescens</i> . The IUCN Red List of Threatened Species 2015: e.T104007058A60256040. Información aportada por las Comunidades Autónomas. 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. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx) Madroño, A., González, C. & Atienza, J.C. (Eds.). (2004). Libro Rojo de las Aves de España. Dirección General para la Biodiversidad-SEO/BirdLife, Madrid. 452 pp. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/terrera_marismenia_tcm30-99958.pdf)
Breeding long-term trend: Información aportada por las Comunidades Autónomas. 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. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx) Madroño, A., González, C. & Atienza, J.C. (Eds.). (2004). Libro Rojo de las Aves de España. Dirección General para la Biodiversidad-SEO/BirdLife, Madrid. 452 pp. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/terrera_marismenia_tcm30-99958.pdf)

ES: Canary Is

Breeding population size: Ramos Melo, J.J. & González del Campo, P. (2015). Estudio de la distribución y estado de conservación de aves esteparias en las islas de El Hierro, La Palma, La Gomera y Tenerife. Birding Canarias S.L.U. Gobierno de Canarias. 95 pp.
Breeding short-term trend: Lorenzo, J.A. (2007) (Ed). Atlas de las Aves Nidificantes en el Archipiélago Canario (1997-2003). Dirección General de Conservación de la Naturaleza-Sociedad Española de Ornitología. Madrid. 520 pp. Ramos Melo, J.J. & González del Campo, P. (2015). Estudio de la distribución y estado de conservación de aves esteparias en las islas de El Hierro, La Palma, La Gomera y Tenerife. Birding Canarias S.L.U. Gobierno de Canarias. 95 pp.
Breeding long-term trend: Barone, R. & Emmerson, K.W. (1995). Distribución, estatus y características del hábitat de la Terrera Marismaña Calandrella rufescens (Vieillot, 1820) en la isla de Tenerife, Canarias (Aves: Alaudidae). Rev. Acad. Canar. Cienc. VII (Núms. 2, 3, y 4): 47-61. Carrascal, L.M. & Alonso, C.L. (2005). Censo de aves estepáricas en las islas orientales del archipiélago canario. Programa de seguimiento y planificación de especies amenazadas de canarias "centinela". CSIC-Gobierno de Canarias. Informe no publicado. Delgado, G., Naranjo, J.J., Barone, R. & Trujillo, D. (2000). Estudio para la conservación de las aves estepáricas en las islas de Tenerife y Gran Canaria. Tomos I y II. Canarias Tecnatura. Informe inédito. Delgado G., Naranjo J.J., Barone, R., Trujillo, D. & Rodríguez, F. (2002). Datos sobre la distribución de aves esteparias en Tenerife y Gran Canaria, islas Canarias. Vieraee 30: 177-194. González Acebes, M., Silva, J.L., & Fariña Trujillo, B. (2006). Terrera marismaña Calandrella rufescens: Tenerife y Gran Canaria. Seguimiento de poblaciones de especies amenazadas 2006. Gobierno de Canarias. 36 pp. Lorenzo, J.A. & González, C. (2001). Actuaciones para la conservación de la Terrera marismaña Calandrella rufescens rufescens: seguimiento de la población, éxito reproductor y amenazas. Delegación Territorial de Canarias de SEO/BirdLife. Informe no publicado. 70 pp. Lorenzo, J.A. & Emmerson, K.W. (2001). Situación actual de la Terrera Marismaña (Calandrella rufescens) en Tenerife: distribución, abundancia, factores de amenaza y propuestas de conservación. Delegación Territorial de Canarias de SEO/BirdLife. Informe no publicado. 36 pp. Lorenzo, J.A. (2007) (Ed). Atlas de las Aves Nidificantes en el Archipiélago Canario (1997-2003). Dirección General de Conservación de la Naturaleza-Sociedad Española de Ornitología. Madrid. 520 pp. Madroño, A., González, C. & Atienza, J.C. (Eds.). (2004). Libro Rojo de las Aves de España. Dirección General para la Biodiversidad-SEO/BirdLife, Madrid. 452 pp. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/lrcompletoparaweb_tcm30-207942.pdf) Martín, A. & Lorenzo, J.A. (2001). Aves del Archipiélago Canario. Francisco Lemus Editor. La Laguna. 787 pp. Ramos Melo, J.J. & González del Campo, P. (2015). Estudio de la distribución y estado de conservación de aves esteparias en las islas de El Hierro, La Palma, La Gomera y Tenerife. Birding Canarias S.L.U. Gobierno de Canarias. 95 pp.

Turkey

Breeding population size: 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-
--

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Ukraine

Breeding population size: Atlas work, non-published data

Bibliography

Bird, J. P., Martin, R., Akçakaya, H. R., Gilroy, J., Burfield, I. J., Garnett, S. G., Symes, A., Taylor, J., Sekercioglu, Ç. H. and Butchart, S. H. M. 2020. Generation lengths of the world's birds and their implications for extinction risk. *Conservation Biology* 34(5): 1252-1261. DOI: 10.1111/cobi.13486.

BirdLife International. 2004. *Birds in Europe: population estimates, trends and conservation status*. BirdLife International, Cambridge, U.K.

De Juana, E., Suárez, F. and Ryan, P. 2004. *Family Alaudidae (larks)*. Lynx Edicions, Barcelona, Spain.

Hagemeijer, E.J.M. and Blair, M.J. 1997. *The EBCC atlas of European breeding birds: their distribution and abundance*. T. and A.D. Poyser, London.

Snow, D.W. and Perrins, C.M. 1998. *The Birds of the Western Palearctic, Volume 2: Passerines*. Oxford University Press, Oxford.

Tucker, G.M. and Heath, M.F. 1994. *Birds in Europe: Their Conservation Status*. BirdLife International, Cambridge, U.K.