

## ***Sylvia melanocephala* (Sardinian 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).

*Sylvia melanocephala* (Sardinian 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                             | 2000–4100                 | <1         | 2007-2018 | partial             | -                                        | -80                        | 2007-2018 | partial             | -                                       | -80                        | 1980-2018 | expert              |                                         |
| Bosnia & HG                         | 2000–4000                 | <1         | 2015-2018 | complete            | +                                        | 5 to 10                    | 2007-2018 | complete            | ?                                       |                            | 1980-2018 | deficient           |                                         |
| Bulgaria                            | 800–1200                  | <1         | 2005-2018 | partial             | +                                        | 5 to 15                    | 2000-2018 | partial             | F                                       |                            | 1980-2018 | expert              |                                         |
| Croatia                             | 100000–200000             | 1          | 2014-2014 | expert              | ?                                        |                            | 2007-2018 | deficient           | ?                                       |                            | 1980-2018 | deficient           |                                         |
| Cyprus                              | 97000–150000              | 1          | 2013-2018 | partial             | +                                        | 36 to 61                   | 2007-2018 | partial             | +                                       | 100000 to 500000           | 1980-2018 | expert              |                                         |
| France                              | 150000–250000             | 2          | 2013-2018 | partial             | -                                        |                            | 2007-2018 | partial             | -                                       |                            | 2001-2018 | partial             |                                         |
| Gibraltar                           | 100–250                   | <1         | 2014-2018 | partial             | 0                                        | 0                          | 2001-2018 | partial             | 0                                       | 0                          | 1980-2018 | partial             |                                         |
| Greece                              | 500000–620000             | 5          | 2013-2018 | partial             | 0                                        |                            | 2007-2018 | partial             | 0                                       |                            | 1980-2018 | partial             |                                         |
| Italy                               | 500000–1500000            | 8          | 2013-2018 | expert              | 0                                        |                            | 2000-2014 | partial             | +                                       | 65 to 150                  | 1993-2018 | expert              |                                         |
| North Macedonia                     | 1500–2000                 | <1         | 2014-2019 | expert              | 0                                        |                            | 2007-2018 | expert              | ?                                       |                            | 1980-2019 |                     |                                         |
| Malta                               | 8500–13800                | <1         | 2017-2018 | complete            | -                                        |                            | 2008-2018 | complete            | 0                                       |                            | 1980-2018 | complete            |                                         |
| Montenegro                          | 500–2000                  | <1         | 2002-2012 | expert              | 0                                        |                            | 2007-2018 | expert              | ?                                       |                            |           |                     |                                         |
| Portugal                            | 1000000–5000000           | 21         | 2013-2018 | partial             | 0                                        |                            | 2004-2018 |                     | ?                                       |                            | 1980-2018 | deficient           |                                         |
| Slovenia                            | 100–300                   | <1         | 2018-2018 | complete            | 0                                        |                            | 2007-2018 | expert              | ?                                       |                            | 1980-2018 | deficient           |                                         |
| Spain                               | 4540000–5800000           | 48         | 2004-2006 | partial             | +                                        |                            | 2007-2018 | complete            | +                                       |                            | 1980-2018 | complete            |                                         |
| ES: Canary Is                       | 20000–100000              | <1         | 1997-2018 | expert              | ?                                        |                            | 2007-2018 | deficient           | ?                                       |                            | 1980-2018 | deficient           |                                         |
| Turkey                              | 800000–2400000            | 13         | 2002-2012 | expert              | ?                                        |                            | 2008-2019 | deficient           | ?                                       |                            | 1980-2013 | deficient           |                                         |
| EU28                                | 6920000–13700000          | 87         |           |                     |                                          |                            |           |                     |                                         |                            |           |                     |                                         |
| <b>Europe</b>                       | <b>7730000–16100000</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) Deficient: 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

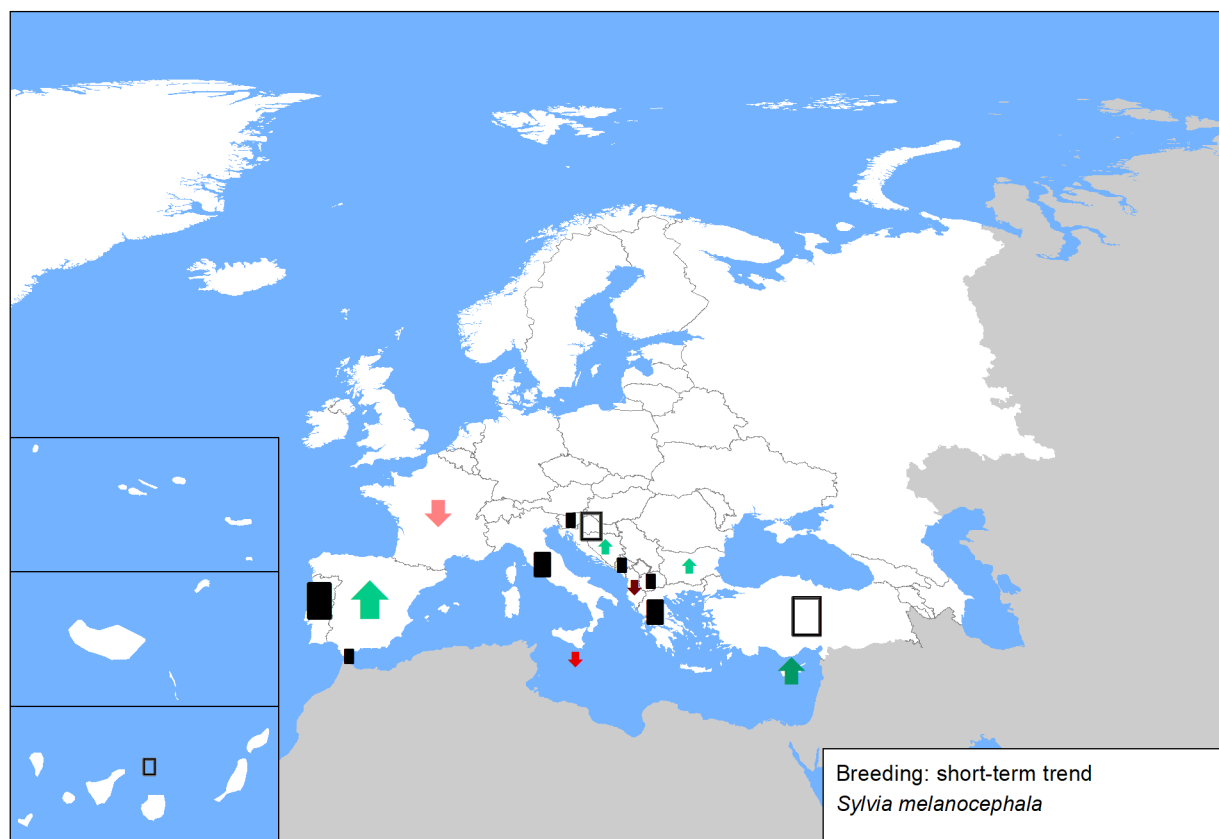
- |                                         |                                  |
|-----------------------------------------|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (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.

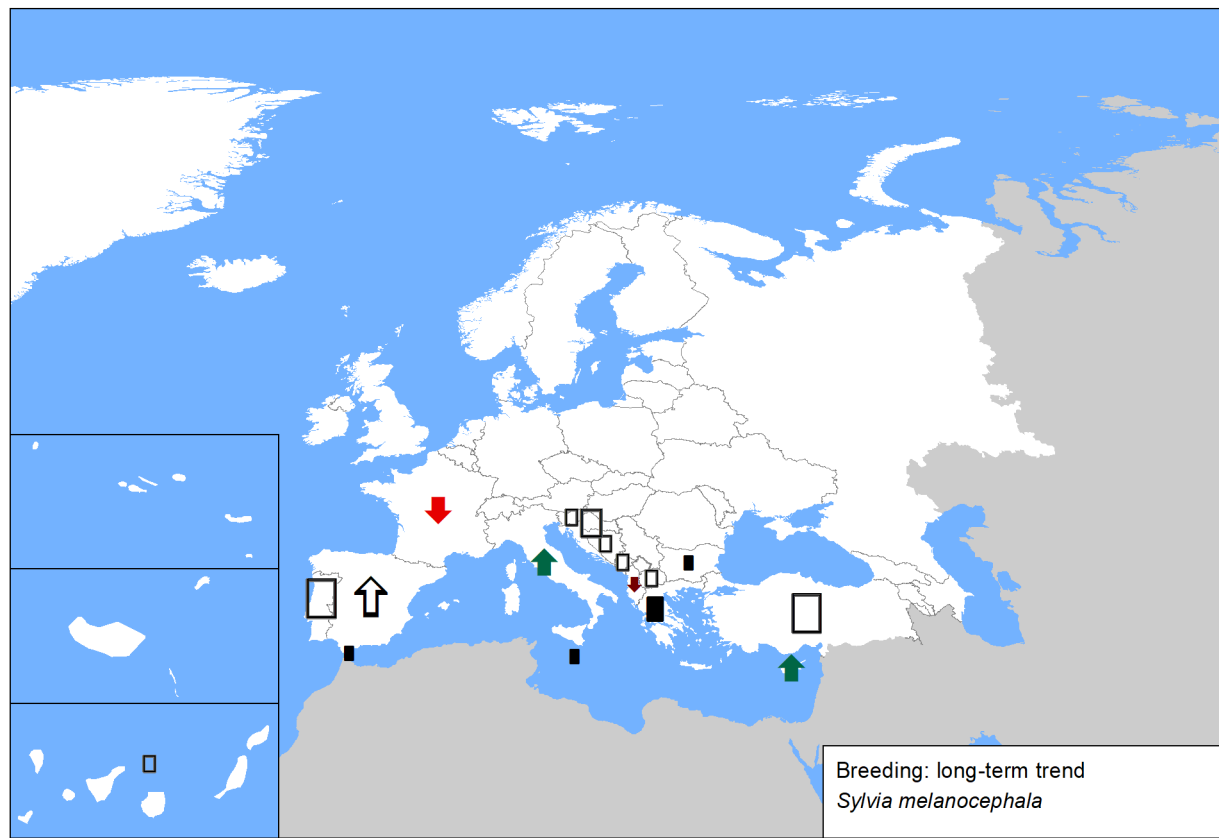
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small:  $< 1\%$  of the European population

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

|                                                             |
|-------------------------------------------------------------|
| <b>Breeding population size:</b> Bino & Xeka 2020 in EBBA 2 |
| <b>Breeding short-term trend:</b> Bino & Xeka pers. obs.    |
| <b>Breeding long-term trend:</b> Bino pers. obs.            |

### Bosnia and Herzegovina

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Breeding population size:</b> BSPB Bird Database; Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p.; National Art. 12 reporting database 2013-2018;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Breeding short-term trend:</b> BSPB Bird Database; Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p.; Nankinov, D., A. Dutsov, B. Nikolov, B. Borisov, G. Stoyanov, G. Gradev, D. Georgiev, D. Popov, D. Domuschiev, D. Kirov, E. Tilova, I. Nikolov, I. Ivanov, K. Dichev, K. Popov, N. Karaivanov, N. Todorov, P. Shurulinkov, R. Stanchev, R. Aleksov, R. Tsonev, S. Dalakchieva, S. Ivanov, S. Marin, S. Staikov, S. Nikolov & H. Nikolov. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 p.; National Art. 12 reporting database 2013-2018;                                                                 |
| <b>Breeding long-term trend:</b> BSPB Bird Database; Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p.; Nankinov, D. 2009. Studies on Fauna of Bulgaria, Birds - Aves, Passeriformes, Sofia, ETO, 407 p. (in Bulgarian); Nankinov, D., A. Dutsov, B. Nikolov, B. Borisov, G. Stoyanov, G. Gradev, D. Georgiev, D. Popov, D. Domuschiev, D. Kirov, E. Tilova, I. Nikolov, I. Ivanov, K. Dichev, K. Popov, N. Karaivanov, N. Todorov, P. Shurulinkov, R. Stanchev, R. Aleksov, R. Tsonev, S. Dalakchieva, S. Ivanov, S. Marin, S. Staikov, S. Nikolov & H. Nikolov. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 p. |

### Croatia

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| <b>Breeding population size:</b> BirdLife International 2015: European Red List of Birds. Luxembourg: Office for Official Publications of the European Communities.). <a href="http://datazone.birdlife.org/info/euroredlist">http://datazone.birdlife.org/info/euroredlist</a> |
| <b>Breeding short-term trend:</b> no data available                                                                                                                                                                                                                             |
| <b>Breeding long-term trend:</b> no data available                                                                                                                                                                                                                              |

### Cyprus

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Breeding population size:</b> Survey data analysed using DISTANCE programme; Study on FBI and CBI Indicators, Birdlife Cyprus, 2017; BirdLife Cyprus Common Birds monitoring scheme data; Bird sightings records as published in BirdLife Cyprus annual reports;                                                                                                      |
| <b>Breeding short-term trend:</b> Study on FBI and CBI Indicators, Birdlife Cyprus, 2017                                                                                                                                                                                                                                                                                 |
| <b>Breeding long-term trend:</b> Pomeroy & Walsh Sandgrouse 22 (2000); Pomeroy & Walsh Oryx 36 (2002), Pomeroy & Walsh Sandgrouse 28 (2006); Whaley DJ & Dawes JC, 2003 Cyprus breeding Birds' Atlas; Flint & Stewart BOU Checklist no.6 (1992) The Birds of Cyprus; Analysis of recent BirdLife Cyprus bird sightings records reported in the society's annual reports. |

### France

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Breeding population size:</b> Issa N. & Muller Y. 2015. Atlas des oiseaux nicheurs de France métropolitaine. , LPO/SEOF/MNHN/Delachaux et Niestlé, Paris |
| <b>Breeding short-term trend:</b> . STOC EPS / MNHN.                                                                                                        |

### Gibraltar

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Breeding population size:</b> Bensusan, K.J. & Perez, C.E. (2003). A Conservation Action Plan for MOD sites in Gibraltar: Gibraltar Ornithological & Natural History Society. GONHS. Cortes, J. E. (1978). Conservation – A Future? Semi - natural Nature Reserve, Gibraltar: A Management Plan. Gibraltar Ornithological and Natural History Society. GONHS. Cortes, J.E., (1996). Windmill Hill Flats: a good view of migration across the Straits of Gibraltar. Almoraima 15:163-184. Cortes, J.E., Finlayson J.C., Garcia, E.F.J., Mosquera, M.A.J., (1980). The Birds of Gibraltar. Gibraltar Books. Gibraltar. Environmental Action & Management Plan (2012). Government of Gibraltar. Gibraltar Bird Reports (2006 - 2012). Gibraltar Ornithological & Natural History Society Gibraltar Nature News (2006 – 2012). Bi-annual Publication. Gibraltar Ornithological & Natural History Society. Nature Protection Act 1991 (2013). Perez, C.E. (2013). Report on the Conservation of Terrestrial Flora & Fauna in Gibraltar (2012). Wildlife (Gibraltar) Ltd Perez, C.E. & Bensusan, K. J. (2005). Upper Rock Nature Reserve A Management and Action. Plan. Gibraltar: The Gibraltar Ornithological & Natural History Society (GONHS). Perez, C.E. (2006). Biodiversity Action Plan, Gibraltar: Planning for Nature. Gibraltar: Gibraltar Ornithological & Natural History Society (GONHS). Southern Waters of Gibraltar Management Scheme EU Natura 2000 Site (2012).  |
| <b>Breeding short-term trend:</b> Bensusan, K.J. & Perez, C.E. (2003). A Conservation Action Plan for MOD sites in Gibraltar: Gibraltar Ornithological & Natural History Society. GONHS. Cortes, J. E. (1978). Conservation – A Future? Semi - natural Nature Reserve, Gibraltar: A Management Plan. Gibraltar Ornithological and Natural History Society. GONHS. Cortes, J.E., (1996). Windmill Hill Flats: a good view of migration across the Straits of Gibraltar. Almoraima 15:163-184. Cortes, J.E., Finlayson J.C., Garcia, E.F.J., Mosquera, M.A.J., (1980). The Birds of Gibraltar. Gibraltar Books. Gibraltar. Environmental Action & Management Plan (2012). Government of Gibraltar. Gibraltar Bird Reports (2006 - 2012). Gibraltar Ornithological & Natural History Society Gibraltar Nature News (2006 – 2012). Bi-annual Publication. Gibraltar Ornithological & Natural History Society. Nature Protection Act 1991 (2013). Perez, C.E. (2013). Report on the Conservation of Terrestrial Flora & Fauna in Gibraltar (2012). Wildlife (Gibraltar) Ltd Perez, C.E. & Bensusan, K. J. (2005). Upper Rock Nature Reserve A Management and Action. Plan. Gibraltar: The Gibraltar Ornithological & Natural History Society (GONHS). Perez, C.E. (2006). Biodiversity Action Plan, Gibraltar: Planning for Nature. Gibraltar: Gibraltar Ornithological & Natural History Society (GONHS). Southern Waters of Gibraltar Management Scheme EU Natura 2000 Site (2012). |

## *Sylvia melanocephala* (Sardinian Warbler)

### Gibraltar

**Breeding long-term trend:** Bensusan, K.J. & Perez, C.E. (2003). A Conservation Action Plan for MOD sites in Gibraltar: Gibraltar Ornithological & Natural History Society. GONHS. Cortes, J. E. (1978). Conservation – A Future? Semi - natural Nature Reserve, Gibraltar: A Management Plan. Gibraltar Ornithological and Natural History Society. GONHS. Cortes, J.E., (1996). Windmill Hill Flats: a good view of migration across the Straits of Gibraltar. Almoraima 15:163-184. Cortes, J.E., Finlayson J.C., Garcia, E.F.J., Mosquera, M.A.J., (1980). The Birds of Gibraltar. Gibraltar Books. Gibraltar. Environmental Action & Management Plan (2012). Government of Gibraltar. Gibraltar Bird Reports (2006 - 2012). Gibraltar Ornithological & Natural History Society Gibraltar Nature News (2006 – 2012). Bi-annual Publication. Gibraltar Ornithological & Natural History Society. Nature Protection Act 1991 (2013). Perez, C.E. (2013). Report on the Conservation of Terrestrial Flora & Fauna in Gibraltar (2012). Wildlife (Gibraltar) Ltd Perez, C.E. & Bensusan, K. J. (2005). Upper Rock Nature Reserve A Management and Action. Plan. Gibraltar: The Gibraltar Ornithological & Natural History Society (GONHS). Perez, C.E. (2006). Biodiversity Action Plan, Gibraltar: Planning for Nature. Gibraltar: Gibraltar Ornithological & Natural History Society (GONHS). Southern Waters of Gibraltar Management Scheme EU Natura 2000 Site (2012).

### Greece

**Breeding population size:** 1) BirdLife International (2017). European birds of conservation concern: populations, trends and national responsibilities. Cambridge. UK: BirdLife International. ISBN 978-1-912086-00-9 2) Natura Viewer (<http://natura2000.eea.europa.eu/#>). 3) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Καραλής, Α., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Παπαζογλου, C. & Barov, B. 2009. Προσδιορισμός συμβατών δραστηριοτήτων σε σχέση με τα είδη χαρακτηρισμού των Ζωνών Ειδικής Προστασίας της ορνιθοπανίδας. Παραδοτέο 8. Οδηγός οικολογικών απαιτήσεων, απειλών και ενδεχόμενων μέτρων για τα είδη χαρακτηρισμού. 4) Πορτόλου, Δ., Μπουρδάκης, Σ., Βλάχος, Χ., Καστρίτης, Θ. & Δημαλέξης, Τ. (επιμ.).2009. Οι Σημαντικές Περιοχές για τα Πουλιά της Ελλάδας: Περιοχές Προτεραιότητας για τη Διατήρηση της Βιοποικιλότητας. Ελληνική Ορνιθολογική Εταιρεία, Αθήνα. 5) Hellenic Common Birds Monitoring Scheme database (2007-2019), Hellenic Ornithological Society, 6) D. Portolou & V. Kati (2017). "Abundance and distribution of selected species – SEBI 01". In: Kati V (Ed) "Greece-the state of environment 2015-2016: Nature and biodiversity. National report". National Center of Environment and Sustainable Development, Athens, pp 3-20 – 3-36 [In Greek]. Available at: <http://ekpaa.ypeka.gr/index.php/soer-2018>

**Breeding short-term trend:** 1) BirdLife International (2017). European birds of conservation concern: populations, trends and national responsibilities. Cambridge. UK: BirdLife International. ISBN 978-1-912086-00-9 2) Natura Viewer (<http://natura2000.eea.europa.eu/#>). 3) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Καραλής, Α., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Παπαζογλου, C. & Barov, B. 2009. Προσδιορισμός συμβατών δραστηριοτήτων σε σχέση με τα είδη χαρακτηρισμού των Ζωνών Ειδικής Προστασίας της ορνιθοπανίδας. Παραδοτέο 8. Οδηγός οικολογικών απαιτήσεων, απειλών και ενδεχόμενων μέτρων για τα είδη χαρακτηρισμού. 4) Πορτόλου, Δ., Μπουρδάκης, Σ., Βλάχος, Χ., Καστρίτης, Θ. & Δημαλέξης, Τ. (επιμ.).2009. Οι Σημαντικές Περιοχές για τα Πουλιά της Ελλάδας: Περιοχές Προτεραιότητας για τη Διατήρηση της Βιοποικιλότητας. Ελληνική Ορνιθολογική Εταιρεία, Αθήνα. 5) Hellenic Common Birds Monitoring Scheme database (2007-2019), Hellenic Ornithological Society, 6) D. Portolou & V. Kati (2017). "Abundance and distribution of selected species – SEBI 01". In: Kati V (Ed) "Greece-the state of environment 2015-2016: Nature and biodiversity. National report". National Center of Environment and Sustainable Development, Athens, pp 3-20 – 3-36 [In Greek]. Available at: <http://ekpaa.ypeka.gr/index.php/soer-2018>

**Breeding long-term trend:** 1) Handrinos, G., & Akriotis, T., (1997) The birds of Greece. C. Helm, A & C Black, London. 2) BirdLife International (2004) Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 12). 3) Natura Viewer (<http://natura2000.eea.europa.eu/#>). 4) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Καραλής, Α., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Παπαζογλου, C. & Barov, B. 2009. Προσδιορισμός συμβατών δραστηριοτήτων σε σχέση με τα είδη χαρακτηρισμού των Ζωνών Ειδικής Προστασίας της ορνιθοπανίδας. Παραδοτέο 8. Οδηγός οικολογικών απαιτήσεων, απειλών και ενδεχόμενων μέτρων για τα είδη χαρακτηρισμού. 5) Πορτόλου, Δ., Μπουρδάκης, Σ., Βλάχος, Χ., Καστρίτης, Θ. & Δημαλέξης, Τ. (επιμ.).2009. Οι Σημαντικές Περιοχές για τα Πουλιά της Ελλάδας: Περιοχές Προτεραιότητας για τη Διατήρηση της Βιοποικιλότητας. Ελληνική Ορνιθολογική Εταιρεία, Αθήνα.

### Italy

**Breeding population size:** Brichetti P & Fracasso G. 2010. Ornithologia italiana. Vol.6 (Sylviidae-Paradoxornithidae). Alberto Perdida Editore, Bologna

**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.

### North Macedonia

**Breeding population size:** unpublished data from the European Breeding Bird Atlas 2

**Breeding short-term trend:** unpublished data from the European Breeding Bird Atlas 2

### Malta

**Breeding population size:** 'Malta Breeding Bird Atlas 2018' in preparation, (included a complete breeding bird population census in Malta together with a wintering bird census in 2017-2018)

**Breeding short-term trend:** Malta Breeding Bird Atlas (2018) in preparation, (included a complete breeding bird population census in Malta together with a wintering bird census in 2017-2018) Sultana, J., Borg, J.J., Gauci, C. & Falzon, V. (2011): The Breeding Birds of Malta. Malta: BirdLife Malta & BDL Publishing. Raine, A., Sultana, J. & Gillings, S. (2009) Malta Breeding Bird Atlas 2008, Malta: BirdLife Malta.

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### Montenegro

**Breeding population size:** Puzovic, S., Simic, D., Saveljic, 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,

### 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).

**Breeding short-term trend:** Alonso, H., Coelho, R., Costa, J., Gouveia, C., Leitão, D., Machado, R., & Teodósio, J. 2019. Relatório do Censo de Aves Comuns 2004-2018. Sociedade Portuguesa para o Estudo das Aves, Lisboa (relatório não publicado).

## *Sylvia melanocephala* (Sardinian Warbler)

### Slovenia

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