



THE IUCN RED LIST
OF THREATENED SPECIES™



Oriolus oriolus (Eurasian Golden Oriole)

European Red List of Birds

Supplementary Material

The European Union (EU27) 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 2013-14.

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 (2015).

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Recommended citation

BirdLife International (2015) European Red List of Birds. Luxembourg: Office for Official Publications of the European Communities.

Further information

- <http://www.birdlife.org/datazone/info/euroredlist>
- <http://www.birdlife.org/europe-and-central-asia/european-red-list-birds-0>
- <http://www.iucnredlist.org/initiatives/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.

Oriolus oriolus (Eurasian Golden Oriole)

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

| Country (or territory) ² | Population estimate | | | | Short-term population trend ⁴ | | | | Long-term population trend ⁴ | | | | Subspecific population (where relevant) |
|-------------------------------------|---------------------------|------------|-----------|---------|--|----------------------------|-----------|---------|---|----------------------------|-----------|---------|---|
| | Size (pairs) ³ | Europe (%) | Year(s) | Quality | Direction ⁵ | Magnitude (%) ⁶ | Year(s) | Quality | Direction ⁵ | Magnitude (%) ⁶ | Year(s) | Quality | |
| Albania | 5,000-10,000 | <1 | 2002-2012 | medium | 0 | 0 | 2002-2012 | medium | 0 | 0 | 1980-2012 | medium | |
| Andorra | 0-2 | <1 | 1999-2001 | poor | ? | | | | ? | | | | |
| Armenia | 1,000-3,000 | <1 | 2002-2012 | medium | ? | | | | ? | | | | |
| Austria | 7,000-13,000 | <1 | 2001-2012 | medium | + | 10-30 | 2000-2011 | medium | ? | | | | |
| Azerbaijan | 50,000-100,000 | 1 | 1996-2000 | poor | ? | | | | ? | | | | |
| Belarus | 120,000-160,000 | 2 | 2001-2012 | medium | 0 | 0 | 2001-2012 | medium | 0 | 0 | 1980-2012 | medium | |
| Belgium | 1,500-2,000 | <1 | 2008-2012 | medium | 0 | 0 | 2000-2012 | poor | - | 13-35 | 1973-2012 | poor | |
| Bosnia & HG | 50,000-70,000 | 1 | 2010-2014 | poor | ? | | | | ? | | | | |
| Bulgaria | 80,000-130,000 | 2 | 2005-2012 | medium | 0 | 0 | 2000-2012 | medium | 0 | 0 | 1980-2012 | medium | |
| Croatia | 150,000-200,000 | 3 | 2014 | medium | ? | | | | ? | | | | |
| Cyprus | 10-40 | <1 | 2008-2012 | poor | 0 | 0 | 2001-2013 | poor | ? | | | | |
| Czech Rep. | 8,000-16,000 | <1 | 2012 | medium | 0 | 0 | 2000-2012 | good | + | 9-49 | 1982-2012 | good | |
| Denmark | 8-11 | <1 | 2011 | medium | + | 24 | 1999-2011 | medium | - | 95 | 1980-2011 | medium | |
| Estonia | 30,000-50,000 | 1 | 2008-2012 | medium | 0 | 0-10 | 2001-2012 | medium | - | 20-50 | 1980-2012 | medium | |
| Finland | 2,000-3,000 | <1 | 2006-2010 | medium | - | 73-99 | 2001-2012 | medium | - | 61-94 | 1983-2012 | medium | |
| France | 70,000-130,000 | 2 | 2008-2012 | medium | + | 16 | 2001-2011 | medium | 0 | 0 | 1989-2011 | medium | |
| Georgia | Present | <1 | | | ? | | | | ? | | | | |
| Germany | 31,000-56,000 | 1 | 2005-2009 | good | + | 6-27 | 1998-2009 | good | F | 0 | 1990-2009 | good | |
| Greece | 40,000-60,000 | 1 | 2007-2013 | good | 0 | 0 | 2007-2013 | medium | ? | | | | |
| Hungary | 83,000-96,000 | 2 | 2000-2012 | medium | 0 | 0 | 1999-2012 | medium | ? | | | | |
| Italy | 40,000-100,000 | 1 | 2011 | poor | + | 75-85 | 2000-2012 | medium | + | 75-85 | 1990-2012 | poor | |
| Kosovo | 3,000-5,000 | <1 | 2009-2014 | medium | ? | | | | ? | | | | |
| Latvia | 103,119-237,645 | 3 | 2012 | good | + | 8-222 | 2001-2012 | good | + | 19-250 | 1994-2010 | medium | |
| Liechtenstein | 8-12 | <1 | 2009-2014 | medium | 0 | 0 | 2003-2014 | medium | 0 | 0 | 1980-2014 | medium | |
| Lithuania | 15,000-25,000 | <1 | 2008-2012 | medium | 0 | 0 | 2001-2012 | medium | 0 | 0 | 1980-2012 | medium | |
| Luxembourg | 50-100 | <1 | 2008-2012 | medium | - | 10-20 | 2000-2012 | medium | - | 20-40 | 1980-2012 | medium | |
| FYRO Macedonia | 20,000-40,000 | <1 | 2001-2012 | poor | ? | | | | ? | | | | |
| Moldova | 10,000-15,000 | <1 | 2000-2010 | medium | F | 0 | 2000-2010 | medium | 0 | 0 | 1980-2010 | medium | |
| Montenegro | 5,000-10,000 | <1 | 2002-2012 | poor | ? | | | | ? | | | | |
| Netherlands | 3,328-4,161 | <1 | 2008-2011 | medium | 0 | 0 | 2002-2011 | good | - | 23-57 | 1984-2011 | good | |
| Norway | 0 | <1 | 2000-2013 | good | ? | | | | - | 100 | 1980-1992 | poor | |
| Poland | 380,000-480,000 | 7 | 2008-2012 | good | + | 21 | 2000-2012 | good | ? | | | | |

Oriolus oriolus (Eurasian Golden Oriole)

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

| Country (or territory) ² | Population estimate | | | | Short-term population trend ⁴ | | | | Long-term population trend ⁴ | | | | Subspecific population (where relevant) |
|-------------------------------------|---------------------------|------------|-----------|---------|--|----------------------------|-----------|---------|---|----------------------------|-----------|---------|---|
| | Size (pairs) ³ | Europe (%) | Year(s) | Quality | Direction ⁵ | Magnitude (%) ⁶ | Year(s) | Quality | Direction ⁵ | Magnitude (%) ⁶ | Year(s) | Quality | |
| Portugal | 100,000-500,000 | 4 | 2008-2012 | medium | 0 | 0 | 2004-2011 | medium | ? | | | | |
| Romania | 130,000-300,000 | 3 | 2010-2013 | medium | F | 0-20 | 2001-2013 | medium | ? | | | | |
| Russia | 1,400,000-3,000,000 | 35 | 2000-2008 | medium | ? | | | | ? | | | | |
| Serbia | 60,000-86,000 | 1 | 2008-2012 | medium | 0 | 0 | 2000-2012 | medium | 0 | 0 | 1980-2012 | medium | |
| Slovakia | 7,000-15,000 | <1 | 2002 | poor | 0 | 0 | 2000-2012 | poor | 0 | 0 | 1980-2012 | poor | |
| Slovenia | 24,000-34,000 | <1 | 2002-2011 | good | - | 0-19 | 2001-2012 | good | ? | | | | |
| Spain | 850,000-1,275,000 | 18 | 2004-2006 | good | + | 54 | 1998-2012 | good | + | | 1980-2012 | medium | |
| Sweden | 100-200 | <1 | 2008-2012 | medium | + | 10-40 | 2001-2012 | medium | 0 | 0 | 1980-2012 | medium | |
| Switzerland | 1,000-2,000 | <1 | 2008-2012 | medium | 0 | 0 | 2001-2012 | medium | + | 14-30 | 1990-2012 | medium | |
| Turkey | 350,000-600,000 | 8 | 2013 | poor | 0 | 0 | 2000-2012 | poor | - | 0-19 | 1990-2013 | poor | |
| Ukraine | 140,000-190,000 | 3 | 2000 | medium | F | 5-15 | 1998-2010 | medium | F | 10-20 | 1980-2010 | medium | |
| United Kingdom | 2-5 | <1 | 2006-2010 | good | - | 82 | 1996-2008 | good | - | 81 | 1980-2008 | good | |
| EU27 | 2,010,000-3,530,000 | 45 | | | Increasing | | | | | | | | |
| Europe | 4,370,000-8,020,000 | 100 | | | Uncertain | | | | | | | | |

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 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.

⁵ Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

⁶ 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.

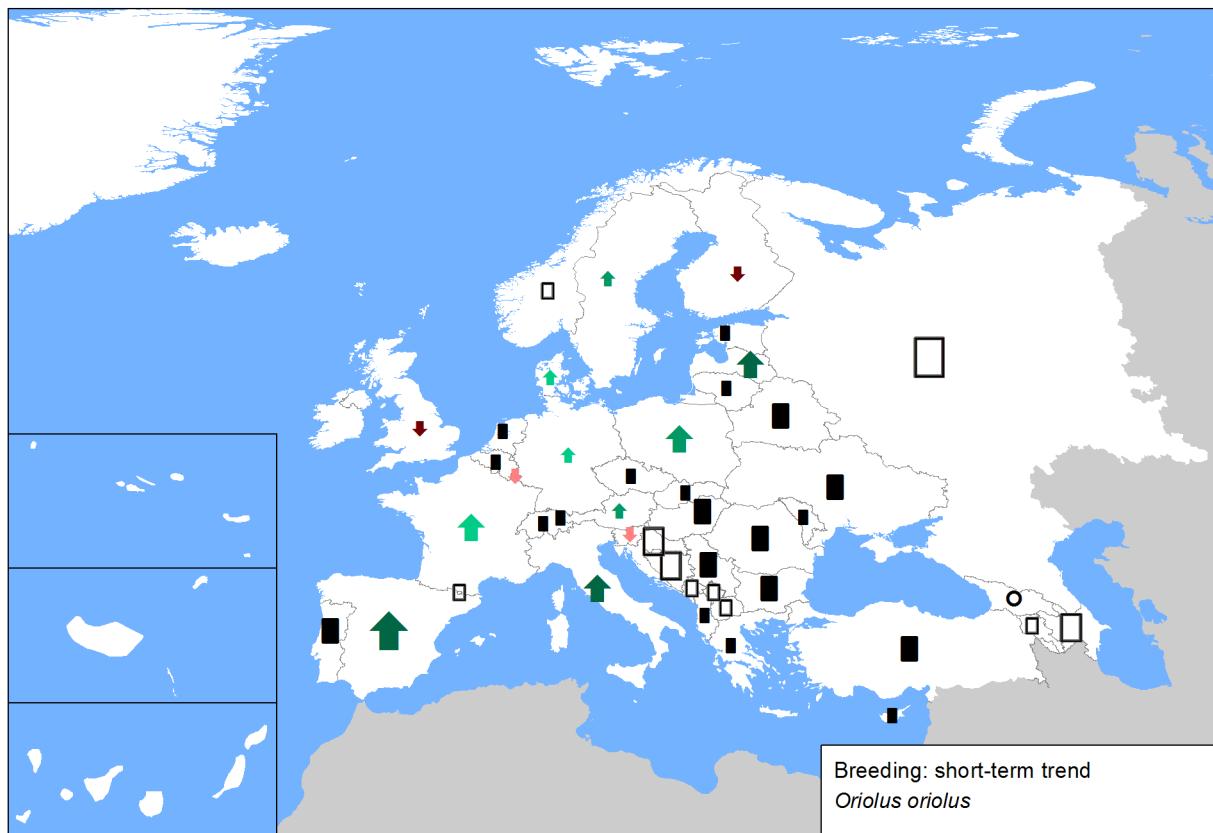
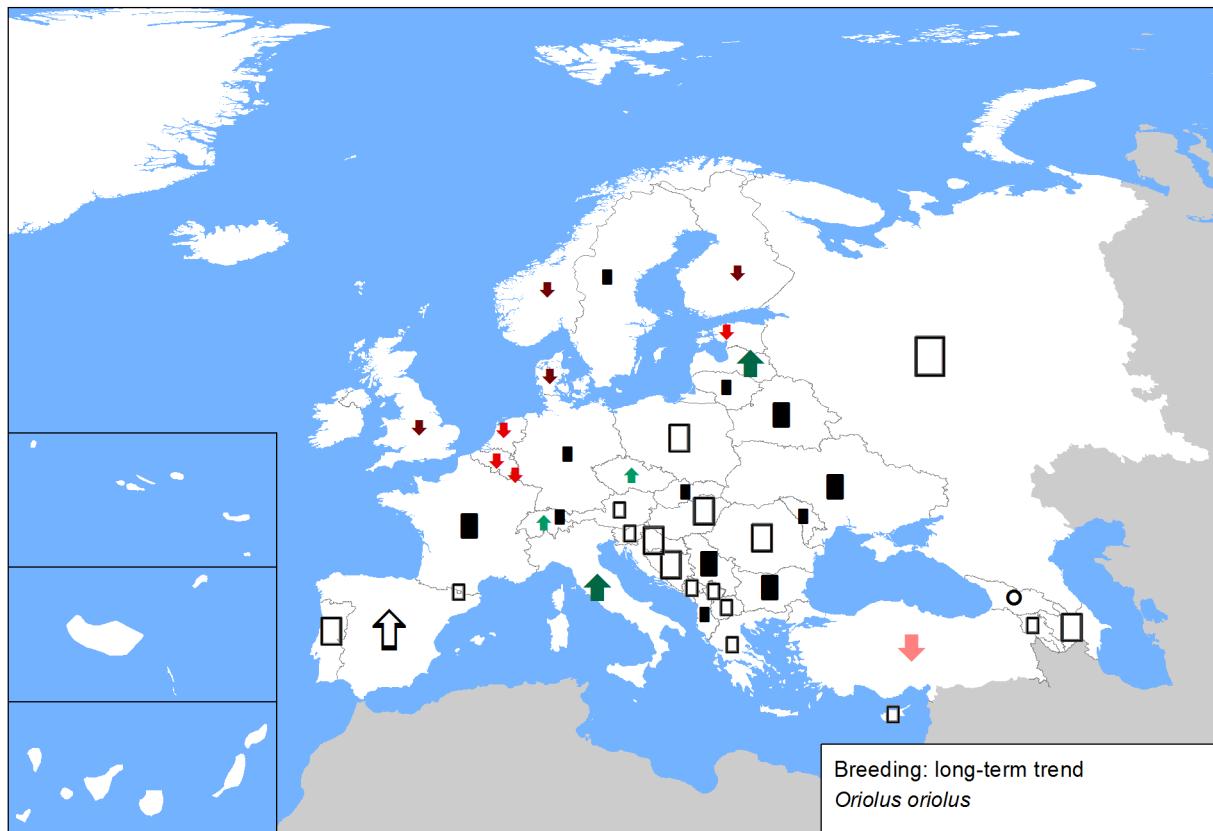


Figure 2. Breeding population sizes and long-term trends across Europe.



Sources

Albania

Breeding population size: Bino pers. obs.

Breeding short-term trend: Bino pers. obs.

Breeding long-term trend: Bino pers. obs.

Andorra

Breeding population size: BirdLife International 2004

Armenia

Breeding population size: ASPB data

Austria

Breeding population size: BirdLife Austria, extrapolation on the basis of available unpublished and published population and density data

Breeding short-term trend: N. Teufelbauer based on data from the Austrian Common Breeding Bird Monitoring

Azerbaijan

Breeding population size: BirdLife International 2004

Belarus

Breeding population size: Zhuravliev D.V. - personal communication

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

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

Breeding population size: Data Breeding Bird atlas Wallonia (Jacob et al 2010), Brussels (Weiserbs 2012) and Flanders (Vermeersch et al 2004) in combination with trend data.

Breeding short-term trend: Common bird monitoring schemes

Breeding long-term trend: Comparison between 2008-2012 estimate and Devillers, 1989 (Atlas of the Belgian Breeding Bird) population estimate

Bosnia and Herzegovina

Breeding population size: unpublis data

Bulgaria

Breeding population size: Mitev I. 2007. *Oriolus oriolus*. In: Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 562-563; SPAs mapping in 2012 Common Bird Monitoring Scheme <http://bspb.org/monitoring/>

Breeding short-term trend: Mitev I. 2007. *Oriolus oriolus*. In: Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 562-563;

Breeding long-term trend: Mitev I. 2007. *Oriolus oriolus*. In: Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 562-563;

Croatia

Breeding population size: BiE III Work group, Croatia

Breeding short-term trend: BiE III Work group, Croatia

Breeding long-term trend: BiE III Work group, Croatia

Cyprus

Breeding population size: BirdLife Cyprus 2013 pilot Atlas survey work and 2013 Common Birds Monitoring programme set up by BirdLife Cyprus; Analysis of recent BirdLife Cyprus bird sightings records reported in the society's annual reports; Whaley DJ & Dawes JC, 2003 Cyprus Breeding Birds' Atlas

Breeding short-term trend: BirdLife Cyprus 2013 pilot Atlas survey work and 2013 Common Birds Monitoring programme set up by BirdLife Cyprus; Analysis of recent BirdLife Cyprus bird sightings records reported in the society's annual reports; Whaley DJ & Dawes JC, 2003 Cyprus Breeding Birds' Atlas

Breeding long-term trend: BirdLife Cyprus 2013 pilot Atlas survey work and 2013 Common Birds Monitoring programme set up by BirdLife Cyprus; Analysis of BirdLife Cyprus bird sightings records reported in the society's annual reports; Whaley DJ & Dawes JC, 2003 Cyprus Breeding Birds' Atlas; Flint & Stewart BOU Checklist no.6 (1992) The Birds of Cyprus; Kourtellarides, The Breeding birds of Cyprus (1997)

Czech Republic

Breeding population size: STASTNY K., BEJCEK V. & HUDEC K. 2006: *Atlas hnizdneho rozsireni ptaku v Ceske republice*. Aventinum Praha. JPS: <http://jps.birds.cz/vysledky.php?taxon=823>

Breeding short-term trend: JPS: <http://jps.birds.cz/vysledky.php?taxon=823>

Breeding long-term trend: JPS: <http://jps.birds.cz/vysledky.php?taxon=823>

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Denmark

Breeding population size: Nyegaard et al. (2014): Truede og sjældne ynglefugle i Danmark 1998-2012 - With a summary in English: Rare and threatened breeding birds in Denmark 1998-2012. DOFT 108(1). In prep.

Breeding short-term trend: Nyegaard et al. (2014): Truede og sjældne ynglefugle i Danmark 1998-2012 - With a summary in English: Rare and threatened breeding birds in Denmark 1998-2012. DOFT 108(1). In prep. Nyegaard, T. (2012): Truede og sjældne ynglefugle i Danmark 2011. Trykt hos Svendborg Tryk Eskildsen, A. & T. Vikstrøm. (2010): Truede og sjældne ynglefugle i Danmark 2010. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2009): Truede og sjældne ynglefugle i Danmark 2008. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2008): Truede og sjældne ynglefugle i Danmark 2007. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2007): Truede og sjældne ynglefugle i Danmark 2006. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2006): Truede og sjældne ynglefugle i Danmark 2005. DOFT 100: 11-28. Nyegaard, T. & M.B. Grell (2005): Truede og sjældne ynglefugle i Danmark 2004. DOFT 99: 88-106. Grell, M.B., Heldbjerg, H., Rasmussen, B., Stabell, M., Toft, J. & T. Vikstrøm (2004): Truede og sjældne ynglefugle i Danmark 1998-2003. Midtvejsrapport fra Dansk Ornitoligisk Forenings Arbejdsgruppe for Truede og Sjældne Ynglefugle (DATSY). DOFT 98: 45-100.

Breeding long-term trend: Nyegaard et al. (2014): Truede og sjældne ynglefugle i Danmark 1998-2012 - With a summary in English: Rare and threatened breeding birds in Denmark 1998-2012. DOFT 108(1). In prep. Nyegaard, T. (2012): Truede og sjældne ynglefugle i Danmark 2011. Trykt hos Svendborg Tryk Eskildsen, A. & T. Vikstrøm. (2010): Truede og sjældne ynglefugle i Danmark 2010. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2009): Truede og sjældne ynglefugle i Danmark 2008. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2008): Truede og sjældne ynglefugle i Danmark 2007. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2007): Truede og sjældne ynglefugle i Danmark 2006. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2006): Truede og sjældne ynglefugle i Danmark 2005. DOFT 100: 11-28. Nyegaard, T. & M.B. Grell (2005): Truede og sjældne ynglefugle i Danmark 2004. DOFT 99: 88-106. Grell, M.B., Heldbjerg, H., Rasmussen, B., Stabell, M., Toft, J. & T. Vikstrøm (2004): Truede og sjældne ynglefugle i Danmark 1998-2003. Midtvejsrapport fra Dansk Ornitoligisk Forenings Arbejdsgruppe for Truede og Sjældne Ynglefugle (DATSY). DOFT 98: 45-100. Grell, Michael Borch (1998): Fuglenes Danmark. Gads forlag i samarbejde med Dansk Ornitoligisk Forening. Dybbro, Tommy (1976): De danske ynglefugles udbredelse. Dansk Ornitoligisk Forening.

Estonia

Breeding population size: Elts, J., Leito, A., Leivits, A., Luigjõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf

Breeding short-term trend: Elts, J., Leito, A., Leivits, A., Luigjõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf

Breeding long-term trend: Elts, J., Leito, A., Leivits, A., Luigjõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf

Finland

Breeding population size: Väistönen, Risto A., Harjo, Martti & Saurola, Pertti 2011: Population estimates of Finnish birds. In: Valkama, Jari, Vepsäläinen, Ville & Lehikoinen, Aleksi 2011: The Third Finnish Breeding Bird Atlas. – Finnish Museum of Natural History and Ministry of Environment. (cited [15.11.2013]) ISBN 978-952-10-7145-4.

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: <http://www.atlas-ornitho.fr/>

Breeding short-term trend: Roché J. 2013 Suivi quantitatif de l'avifaune nicheuse de la Loire et de l'Allier 1990-2012. Programme STORI, Université de Bourgogne, 114 p. <http://vigenature.mnhn.fr/>

Breeding long-term trend: Roché J. 2013 Suivi quantitatif de l'avifaune nicheuse de la Loire et de l'Allier 1990-2012. Programme STORI, Université de Bourgogne, 114 p. <http://vigenature.mnhn.fr/>

Georgia

Breeding population size: BirdLife International 2004

Germany

Breeding population size: Gedeon, K., C. Grüneberg, A. Mitschke & C. Sudfeldt (in Vorb.): Atlas Deutscher Brutvogelarten. SVD & DDA, Münster.

Breeding short-term trend: Monitoring häufiger Brutvögel

Breeding long-term trend: Monitoring häufiger Brutvögel

Greece

Breeding population size: Hellenic Common Birds Monitoring Scheme database, Hellenic Ornithological Society

Breeding short-term trend: Hellenic Common Birds Monitoring Scheme database, Hellenic Ornithological Society

Hungary

Breeding population size: National common bird monitoring scheme (MMM) database. Szép, T., Nagy, K., Nagy, Zs. & Halmos, G. (2012): Population trends of common breeding and wintering birds in Hungary, decline of long-distance migrant and farmland birds during 1999-2012. *Ornis Hungarica* 2012. 20(2): 13-63.

Breeding short-term trend: National common bird monitoring scheme (MMM) database. Szép, T., Nagy, K., Nagy, Zs. & Halmos, G. (2012): Population trends of common breeding and wintering birds in Hungary, decline of long-distance migrant and farmland birds during 1999-2012. *Ornis Hungarica* 2012. 20(2): 13-63.

Italy

Breeding population size: Brichetti P & Fracasso G. 2011. *Ornitologia italiana*. Vol.7 (Paridae-Corvidae). Alberto Perdisa Editore, Bologna

Breeding short-term trend: Rete Rurale Nazionale & LIPU 2013. Uccelli comuni in Italia. Gli andamenti di popolazione dal 2000 al 2012

Breeding long-term trend: BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status Cambridge, UK: BirdLife International. BirdLife Conservation Series No. 12 Rete Rurale Nazionale & LIPU 2013. Uccelli comuni in Italia. Gli andamenti di popolazione dal 2000 al 2012

Kosovo

Breeding population size: NGO "Finch" (2014)

Oriolus oriolus (Eurasian Golden Oriole)

Latvia

Breeding population size: Calculation based on data collected in Latvian Breeding bird monitoring scheme: Aunins A., Keišs O. 2012. [Monitoring for the Farmland Bird Population Index. Final report for the year 2012.] (in Latvian) Latvian Ornithological society, 47 pp

Breeding short-term trend: Aunins A. 2006. [Ensuring continuity and compatibility of bird monitoring data regarding changes in the Biodiversity monitoring section of the National Monitoring programme]. Aunins A. 2012. [Changes in the Abundance of Common Birds in Latvia during the Previous Seven Years]. Putni Dabā 2013/1, 10 - 13. Aunins A., Keišs O. 2012. [Monitoring for the Farmland Bird Population Index. Final report for the year 2012.]. Latvian Ornithological society, 47 pp.

Breeding long-term trend: Kerus V. 2011. Latvijas ligzdojoso putnu stavokla parmainas laika no 1980. lidz 2010. gadam. Promocijas darbs. Riga: Latvijas Universitate Strazds M., Priednieks J., Vaverins G. 1994. Latvijas putnu skaits. – Putni daba, 4: 3–18.

Liechtenstein

Breeding population size: Willi, G. (2014) Unpublished collection data

Breeding short-term trend: Willi, G. (2006) Die Vögel des Fürstentums Liechtenstein. Amtlicher Lehrmittelverlag, Vaduz (Naturkundliche Forschung im Fürstentum Liechtenstein, Bd. 22).

Breeding long-term trend: Willi, G. & M.F. Broggi (1986) Die Vogelwelt des Fürstentums Liechtenstein unter Berücksichtigung der benachbarten Gebiete; Teil III: Passeriformes. Ber. Bot.-Zool. Ges. Liechtenstein-Sargans-Werdenberg, Band 15, S. 37-82.; Willi, G. (2006) Die Vögel des Fürstentums Liechtenstein. Amtlicher Lehrmittelverlag, Vaduz (Naturkundliche Forschung im Fürstentum Liechtenstein, Bd. 22).

Lithuania

Breeding population size: Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p.

Breeding short-term trend: Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) 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. Raudonikis L. 2004. Lithuania. In: Birds in Europe: population estimates, trends, and conservation status. BirdLife International, BirdLife Conservation Series No12, Cambridge, UK.

Breeding long-term trend: Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) BirdLife International/European Bird Census Council. 2000. European bird populations: estimates and trends. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 10). Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“, 256 p.

Luxembourg

Breeding population size: LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3

Breeding short-term trend: LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3

Breeding long-term trend: LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3

The Former Yugoslav Republic of Macedonia

Breeding population size: M. Velevski, unedited data

Moldova

Breeding population size: The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

Breeding short-term trend: The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

Breeding long-term trend: The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p. Аверин Ю. В., Ганя И.М., Успенский Г. Птицы Молдавии, том 2, Кишинев, 1971, 240p Burfield I., Bommel van F., Birds in Europe. Population estimates, trends and conservation status. BirdLife International. Oxford, 2004. 374p. Zubcov, N., Birds of Moldova // The Birds of the Western Palearctic. Oxford University Press, Oxford. 1998, 1850 p.

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., Vukanovic, M., Jovanovic, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12,

Netherlands

Breeding population size: NEM, Sovon en CBS, SOVON (2002)

Breeding short-term trend: NEM, Sovon en CBS, Boele et al. (2013)

Breeding long-term trend: NEM, Sovon en CBS

Norway

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

Breeding long-term trend: (1). BirdLife Norway (2). County bird recorders (3). Reports from Norsk faunakomiteen for fugler (NFKF).

Poland

Breeding population size: Chodkiewicz T., Kuczyński L., Sikora A., Ławicki Ł., Chylarecki P., Neubauer G., Meissner W., Rohde Z. 2013. Opracowanie raportu dla Komisji Europejskiej z wdrażania Dyrektywy Ptasiej w zakresie Monitoringu Ptaków Polski w Państwowym Monitoringu Środowiska. Sprawozdanie dla Głównego Inspektoratu Ochrony Środowiska. OTOP, Marki.

Breeding short-term trend: MPPL: Chylarecki P. 2013. Czynniki kształtujące zmiany liczebności pospolitych ptaków Polski w latach 2000-2012. MiĘZ PAN Warszawa. Bogucki. Wyd. Nauk. 1-126; Chodkiewicz T., Woźniak B., Chylarecki P. 2012. Monitoring Pospolitych Gatunków Ptaków. In: Podsumowanie sezonu lęgowego Monitoringu Ptaków Polski w 2012 r. OTOP, MiĘZ, KOO, SOS: 29-45 (source: http://monitoringptakow.gios.gov.pl/raporty?file=files/pliki/raporty_faza4/RaportMPP4_etap1_zad2%264_wiosna2012.pdf)

Oriolus oriolus (Eurasian Golden Oriole)

Portugal

Breeding population size: Equipa Atlas (2008). Atlas das Aves Nidificantes em Portugal (1999-2005). Instituto da Conservação da Natureza e da Biodiversidade, Sociedade Portuguesa para o Estudo das Aves, Parque Natural da Madeira e Secretaria Regional do Ambiente e do Mar. Assírio e Alvim. Lisboa; Programa Censos de Aves Comuns (CAC)

Breeding short-term trend: Programa Censos de Aves Comuns (CAC)

Romania

Breeding population size: Romanian Commonbird Monitoring Programme, 2007-2012 SOR database, Milvus database

Breeding short-term trend: Romanian Commonbird Monitoring Programme, 2007-2012 SOR database, Milvus database

Breeding long-term trend: Romanian Commonbird Monitoring Programme, 2007-2012 SOR database, Milvus database

Russia

Breeding population size: Ravkin E.S., Ravkin Yu.S. 2005. Birds of Northern Eurasian plains: numbers, distribution, spatial organization of communities. Novosibirsk, Nauka: 304 p. (in Russian). Numerov A.D. 1996. Class Birds Aves. – Natural resources of Voronezh Region. Vertebrate Animals. Cadaster. Voronezh, Biomik: 48-159 (in Russian). Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. Sarychev V.S., unpublished. vssar@yandex.ru Belik V.P. 2005. Cadastre of breeding avifauna of South Russia. Strepet 3, no. 1-2: 5-37 (in Russian).

Breeding short-term trend: Preobrazhenskaya E.S., unpublished. voop21@rambler.ru Shepel A.I., unpublished. shai53@mail.ru Yakovleva M.V., unpublished. kivach-bird@rambler.ru Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. Sarychev V.S., unpublished. vssar@yandex.ru

Breeding long-term trend: Preobrazhenskaya E.S., unpublished. voop21@rambler.ru Shepel A.I., unpublished. shai53@mail.ru Yakovleva M.V., unpublished. kivach-bird@rambler.ru Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. Sarychev V.S., unpublished. vssar@yandex.ru Belik V.P. 2005. Cadastre of breeding avifauna of South Russia. Strepet 3, no. 1-2: 5-37 (in Russian).

Serbia

Breeding population size: BPSSS (2014) Unpublished data

Breeding short-term trend: BPSSS (2014) Unpublished data

Breeding long-term trend: BPSSS (2014) Unpublished data

Slovakia

Breeding population size: Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

Breeding short-term trend: Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

Breeding long-term trend: Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

Slovenia

Breeding population size: DOPPS podatki NOAGS (2002-2011) Kmec, P., T. Jančar & T. Mihelič (2010): Projekt izvedbe popisa ptic v travniških sadovnjakih na območju Kozjanskega regijskega parka v okviru projekta IPA »Od vijeglavke do soka«. Naročnik: Javni zavod Kozjanski park. DOPPS, Ljubljana. Kmec, P. & Figelj, J. (2012): Monitoring splošno razširjenih vrst ptic za določitev slovenskega indeksa ptic kmetijske krajine - poročilo za leto 2012. – DOPPS, Ljubljana. Kmec, P. & Figelj, J. (2013): Monitoring splošno razširjenih vrst ptic za določitev slovenskega indeksa ptic kmetijske krajine - poročilo za leto 2013. – DOPPS, Ljubljana. [Http://www.natura2000.gov.si/uploads/tx_library/SIPKK_2013_1.pdf](http://www.natura2000.gov.si/uploads/tx_library/SIPKK_2013_1.pdf) podatki projekta Upkač (OP SI-HU 2007-2013) - popis na Goričkem v letu 2012.

Breeding short-term trend: Kmec, P. & Figelj, J. (2013): Monitoring splošno razširjenih vrst ptic za določitev slovenskega indeksa ptic kmetijske krajine - poročilo za leto 2013. – DOPPS, Ljubljana. [Http://www.natura2000.gov.si/uploads/tx_library/SIPKK_2013_1.pdf](http://www.natura2000.gov.si/uploads/tx_library/SIPKK_2013_1.pdf)

Spain

Breeding population size: Carrascal, L.M. & D. Palomino (2008). Las aves comunes reproductoras en España. Población en 2004-2006. (Seguimiento de Aves, 19). SEO/BirdLife. Madrid. 202 pp. http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/19_paseriformes_2004_2006_tcm7-218232.pdf

Breeding short-term trend: SEO/BirdLife (2013). Resultados del programa Sacre de SEO/BirdLife en 2012. SEO/BirdLife. Madrid. Información obtenida a partir de la Base de Datos del Inventario de especies terrestres. Seguimiento de Aves SACRE. (Ministerio de Agricultura, Alimentación y Medio Ambiente). [Http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-terrestres/tendencia_aves_comunes_espania.aspx](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-terrestres/tendencia_aves_comunes_espania.aspx) Gráfica de la tendencia poblacional: [Http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-terrestres/ieet_aves_sist_seg_tendencia_comunes_esp.aspx](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-terrestres/ieet_aves_sist_seg_tendencia_comunes_esp.aspx) [Http://www.seo.org/RESULTADOS-SEGUIMIENTO-DE-AVES/](http://www.seo.org/RESULTADOS-SEGUIMIENTO-DE-AVES/)

Breeding long-term trend: 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. [Http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx) Purroy, F.J. (Coord.) (1997). Atlas de las aves de España (1975-1995). SEO/BirdLife. Lynx Edicions. Barcelona. 583 pp.

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. Sveriges Ornitologiska Förening, Halmstad.

Breeding short-term trend: Swedish Bird Survey (Svensk Fågeltaxering), Lund University.

Breeding long-term trend: Swedish Bird Survey (Svensk Fågeltaxering), Lund University.

Switzerland

Breeding population size: Original estimate: Schmid, H., R. Luder, B. Naef-Daenzer, R. Graf & N. Zbinden (1998): Schweizer Brutvogelatlas. Verbreitung der Brutvögel in der Schweiz und im Fürstentum Liechtenstein 1993-1996/Atlas des oiseaux nicheurs de Suisse. Distribution des oiseaux nicheurs en Suisse et au Liechtenstein en 1993-1996. Schweizerische Vogelwarte/Station ornithologique suisse, Sempach. Swiss Ornithological Institute: checked with population trend: no change.

Breeding short-term trend: Swiss Ornithological Institute: [Http://www.vogelwarte.ch/information-service-monitoring-rare-breeding-and-visiting-birds.html](http://www.vogelwarte.ch/information-service-monitoring-rare-breeding-and-visiting-birds.html) Site-occupancy modelling based on „semi-standardised“ chance observations. Percentage change based on linear regression. 95% Confidence interval see point 3.3.

Breeding long-term trend: Swiss Ornithological Institute: [Http://www.vogelwarte.ch/information-service-monitoring-rare-breeding-and-visiting-birds.html](http://www.vogelwarte.ch/information-service-monitoring-rare-breeding-and-visiting-birds.html) Site-occupancy modelling based on „semi-standardised“ chance observations. Percentage change based on linear regression. Min Max refer to 95% Confidence interval.

Oriolus oriolus (Eurasian Golden Oriole)

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) www.kusb.org 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-

Breeding short-term trend: Doğa Derneği, Eken G., Bozdoğan M., İsfendiyaroğlu S., Kılıç D.T., Lise Y. (2006) Key Biodiversity Areas of Turkey (Türkiye'nin Önemli Doğa Alanları) Doğa Derneği, Ankara, KILIÇ, T., EKEN, G. 2004, Türkiye'nin Önemli Kuş Alanları Güncellemesi, Doğa Derneği. Ankara.

Breeding long-term trend: Birdlife International (2004) Birds in Europe: population estimates, trends and conservation status, Cambridge UK: Birdlife International (Birdlife Conservation series no: 12)

Ukraine

Breeding population size: 1. Hagemajer W.J.M., Blair M.J. The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. Poyser. - London. 1997. 903 p. 2. Heath M.F., Evans M.I. Important birds areas in Europe. Priority sites for conservation. // Southern Europe. BirdLife International. - Cambridge. Vol.2., 2000. P. 691-724. 3. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemeijer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 4. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158.

Breeding short-term trend: 1. Бокотей А.А., Дзюбенко Н.В., Горбань І.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с. 2. Dombrowski A., Piotrowska M., Gorban I., Nikiforov M. Status and threats to avifauna. (Eds. Dombrowski A., & Z. Glowacki, та інші). Bug river valleyas the ecological corridor: state-threats-protection. IUCN European Programme. Warsaw. 2002. S. 87-102. 3. Горбань І.М. Рідкісні види птахів Шацького національного парку. // Вісник Львівського університету. Серія біологічна. Вип. 29. 2002. С.188-199.

Breeding long-term trend: 1. Tucker G.M., Heath M.F. Birds in Europe: their conservation status. - Cambridge. U.K. Bird Life Conservation Series №. 3. 1994. 600 p. 2. Hagemajer W.J.M., Blair M.J. The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. Poyser. - London. 1997. 903 p. 3. Heath M.F., Evans M.I. Important birds areas in Europe. Priority sites for conservation. // Southern Europe. BirdLife International. - Cambridge. Vol.2., 2000. P. 691-724. 4. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemeijer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 5. Горбань І.М., Бокотей А.А. Вплив трансформаційних процесів на фауну та населення птахів басейну Верхнього Дністра. Дослідження басейнової екосистеми Верхнього Дністра. Збірник наукових праць. 2000. С.145 – 155. 6. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 7. Birds in Europe: Population Estimates, Trends and Conservation Status. BirdLife Conservation Series 12; 2004. 374 р. 8. Бокотей А.А., Дзюбenko Н.В., Горбань І.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с.

United Kingdom

Breeding population size: Holling, M. & the Rare Breeding Birds Panel. 2012. Rare breeding birds in the United Kingdom in 2010. British Birds 105: 352–416.

Breeding short-term trend: RBBP; Holling, M. & the Rare Breeding Birds Panel. 2012. Rare breeding birds in the United Kingdom in 2010. British Birds 105: 352–416.

Breeding long-term trend: Holling, M. & the Rare Breeding Birds Panel. 2012. Rare breeding birds in the United Kingdom in 2010. British Birds 105: 352–416.

Bibliography

- Hagemeijer, W.J.M. and Blair, M.J. 1997. *The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance*. T & A D Poyser, London.
- Holling, M. and the Rare Birds Breeding Panel (2007) Rare breeding birds in the United Kingdom in 2003 and 2004. *British Birds*, 100: 321-367.
- Milwright, R.D.P. 1998. Breeding biology of the Golden Oriole *Oriolus oriolus* in the fenland basin of eastern Britain. *Bird Study*, 45(3): 320-330.
- Walther, B. and Jones, P. 2008. Eurasian Golden Oriole (*Oriolus oriolus*). In: del Hoyo, J., Elliott, A., Sargatal, J., Christie, D.A. and de Juana, E. (eds.) 2014. *Handbook of the Birds of the World Alive*. Lynx Edicions, Barcelona. (retrieved from <http://www.hbw.com/node/60449> on 9 March 2015).