

## ***Falco vespertinus* (Red-footed Falcon)**

### **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).

*Falco vespertinus* (Red-footed Falcon)

**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> |                                                                                          |
| Armenia                             | 0                         | <1         | 2013-2018 | complete            | ?                                        |                            | 2007-2018 |                     | ?                                       |                            | 2003-2018 |                     |                                                                                          |
| Austria                             | 1–6                       | <1         | 2013-2018 | complete            | -                                        |                            | 2013-2018 | complete            | +                                       |                            | 1981-2018 | complete            |                                                                                          |
| Azerbaijan                          | 10–100                    | <1         | 1996-2019 | expert              | ?                                        |                            | 2013-2019 | expert              | ?                                       |                            | 1980-2019 | expert              |                                                                                          |
| Belarus                             | 30                        | <1         | 2010-2018 | partial             | 0                                        | -10 to 10                  | 2012-2019 | expert              | ?                                       |                            | 1980-2019 | deficient           |                                                                                          |
| Bulgaria                            | 0–15                      | <1         | 2013-2018 | partial             | -                                        | -100 to -90                | 2000-2018 | partial             | -                                       | -90 to -70                 | 1980-2018 | partial             |                                                                                          |
| Georgia                             | 0                         | <1         | 2006-2019 | complete            | ?                                        |                            |           | complete            | -                                       |                            | 1994-2006 | complete            |                                                                                          |
| Hungary                             | 950–1400                  | 2          | 2013-2018 | complete            | +                                        | 20 to 25                   | 2007-2017 | complete            | -                                       |                            | 1980-2018 | complete            |                                                                                          |
| Italy                               | 50–70                     | <1         | 2013-2018 | expert              | ?                                        |                            | 2007-2018 | deficient           | +                                       | 4900 to 6900               | 1995-2018 | expert              |                                                                                          |
| Moldova                             | 120–310                   | <1         | 2014-2017 | partial             | +                                        |                            | 2007-2018 | partial             | 0                                       |                            | 1990-2018 | expert              |                                                                                          |
| Romania                             | 1500–2500                 | 3          | 2015      | partial             | -                                        | -15 to -5                  | 2007-2018 | expert              | -                                       | -60 to -40                 | 1980-2018 | expert              |                                                                                          |
| Russia                              | 40000–60000               | 70         | 2008-2018 | partial             | -                                        | 0                          | 2007-2018 | partial             | -                                       | 0                          | 1980-2018 | partial             |                                                                                          |
| Serbia                              | 220–370                   | <1         | 2013-2018 | complete            | F                                        | 0                          | 2007-2018 | complete            | F                                       | 0                          | 1980-2018 | complete            |                                                                                          |
| Slovakia                            | 0–22                      | <1         | 2013-2018 | complete            | F                                        |                            | 2007-2018 | complete            | F                                       |                            | 1980-2018 | complete            |                                                                                          |
| Turkey                              | 1–3                       | <1         | 2016      | complete            | ?                                        |                            | 2012-2018 | deficient           | ?                                       |                            | 1980-2019 | deficient           | new breeding species for Turkey according to last breeding atlas study, WWF Turkey, EBCC |
| Ukraine                             | 15000–20000               | 25         | 2009-2018 | partial             | -                                        | -80 to -30                 | 2009-2018 | partial             | -                                       | -90 to -80                 | 1996-2019 | partial             |                                                                                          |
| EU28                                | 2500–4000                 | 4          |           |                     |                                          |                            |           |                     |                                         |                            |           |                     |                                                                                          |
| <b>Europe</b>                       | <b>57800–84800</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) Defficient: 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

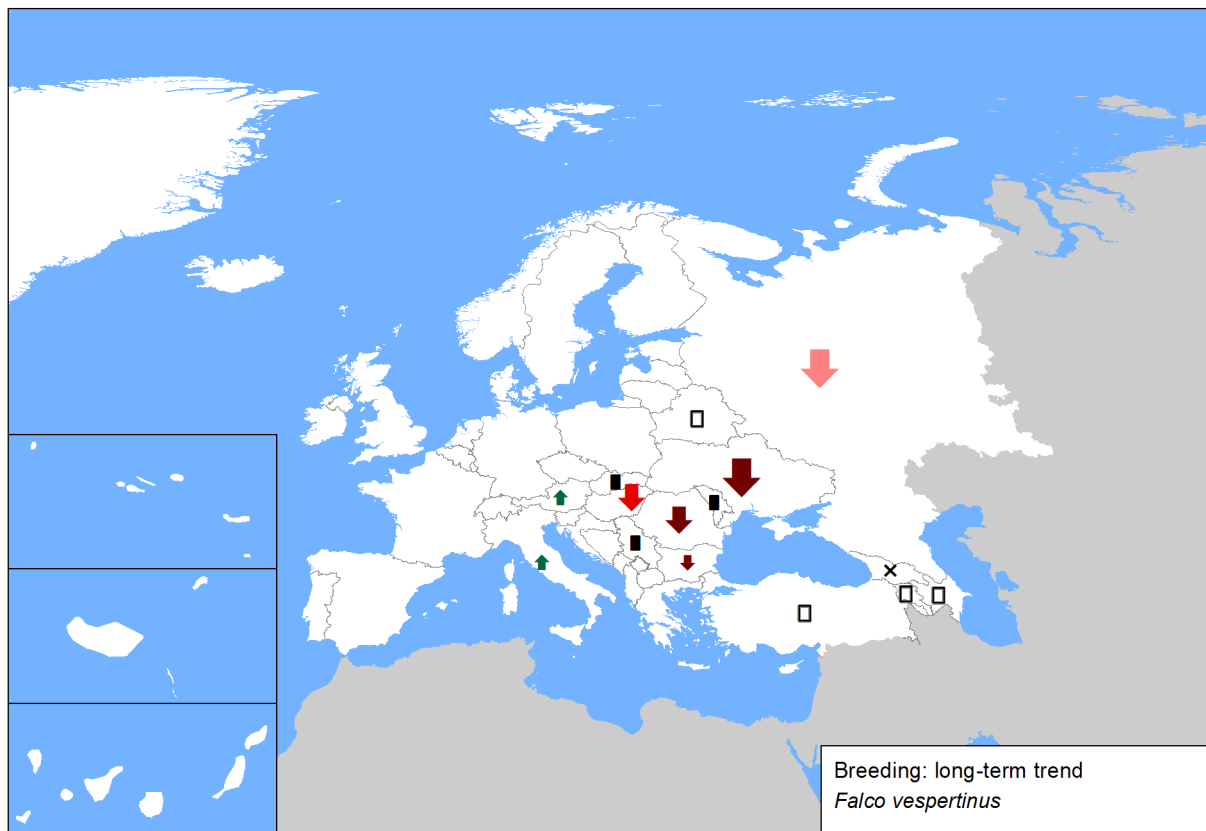
- |                                         |                                  |
|-----------------------------------------|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease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

THE IUCN RED LIST OF THREATENED SPECIES™



## Sources

### Armenia

|                                                                                                          |
|----------------------------------------------------------------------------------------------------------|
| <b>Breeding population size:</b> TSE NGO                                                                 |
| <b>Breeding short-term trend:</b> TSE (2020) The Atlas of the Breeding Birds in Armenia. In preparation. |
| <b>Breeding long-term trend:</b> TSE (2020) The Atlas of the Breeding Birds in Armenia. In preparation.  |

### Austria

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Breeding population size:</b> Dvorak, Berg & Wendelin (2015); H.-M. Berg unpublished data; BirdLife Austria, unpublished data from <a href="http://www.ornitho.at">www.ornitho.at</a>                                              |
| <b>Breeding short-term trend:</b> Dvorak, Berg & Wendelin (2015); H.-M. Berg unpublished data; BirdLife Austria, unpublished data from <a href="http://www.ornitho.at">www.ornitho.at</a>                                             |
| <b>Breeding long-term trend:</b> Dvorak, Berg & Wendelin (2015); H.-M. Berg unpublished data; BirdLife Austria, unpublished data from <a href="http://www.ornitho.at">www.ornitho.at</a> ; BirdLife Austria, unpublished archive data |

### Azerbaijan

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| <b>Breeding population size:</b> BirdLife International 2004 |
| <b>Breeding short-term trend:</b> AOS data base              |
| <b>Breeding long-term trend:</b> AOS Data Base               |

### Belarus

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| <b>Breeding population size:</b> 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" |
| <b>Breeding long-term trend:</b> Fedyushin A.V., Dolbik M.S. Birds of Belarus. 1967. - Minsk, Nauka i technika. Nikiforov M.E., Kozulin A.V., eds. Belarussian birds at the beginning of XXI century: status, numbers, distribution. - 1997. - Minsk. - 187 p.           |

### Bulgaria

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| <b>Breeding population size:</b> Georgiev, D., I. Angelov, S. Dereliev, G. Daskalova 2007. Red-footed Falcon, <i>Falco vespertinus</i> . - In: Iankov, P. (ed.) 2007. Atlas of the breeding birds in Bulgaria. BSPB, Conservation Series, Book 10.; National Art. 12 reporting database 2013-2018; Kostadinova, I., M. Gramatikov (eds.) 2007. Important Bird Areas in Bulgaria and Natura 2000. Bulgarian Society for the Protection of Birds, Conservation Series, Book 11. Sofia, BSPB, p. BSPB Bird Database                                                          |
| <b>Breeding short-term trend:</b> Georgiev, D., I. Angelov, S. Dereliev, G. Daskalova 2007. Red-footed Falcon, <i>Falco vespertinus</i> . - In: Iankov, P. (ed.) 2007. Atlas of the breeding birds in Bulgaria. 2007. BSPB, Conservation Series, Book 10.; National Art. 12 reporting database 2013-2018; Kostadinova, I., M. Gramatikov (eds.) 2007. Important Bird Areas in Bulgaria and Natura 2000. Bulgarian Society for the Protection of Birds, Conservation Series, Book 11. Sofia, BSPB, p. BSPB Bird Database                                                   |
| <b>Breeding long-term trend:</b> Georgiev, D., I. Angelov, S. Dereliev, G. Daskalova 2007. Red-footed Falcon, <i>Falco vespertinus</i> . - In: Iankov, P. (ed.) 2007. Atlas of the breeding birds in Bulgaria. 2007. BSPB, Conservation Series, Book 10. Kostadinova, I., M. Gramatikov (eds.) 2007. Important Bird Areas in Bulgaria and Natura 2000. Bulgarian Society for the Protection of Birds, Conservation Series, Book 11. Sofia, BSPB, p. Simeonov, S (1985): Red-footed Falcon. In: Red data book of Bulgaria, Vol. 2, Animals, BAS, Sofia. BSPB Bird Database |

### Georgia

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|------------------------------------------------------------------|
| <b>Breeding population size:</b> Khatia Basilashvili: pers comm  |
| <b>Breeding short-term trend:</b> Khatia Basilashvili: pers comm |
| <b>Breeding long-term trend:</b> Khatia Basilashvili: pers comm  |

### Hungary

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| <b>Breeding population size:</b> Kék vércse fajmegőrzési terv 2018 (Species Action Plan), MME/BirdLife Hungary, unpublished. Palatitz P. Solt Sz. és Fehérvári P. (szerk.) (2018): Kék könyv. A kék vércse ökológiája és megőrzése. Budapest. MME. 240 p.                                                                                                                                 |
| <b>Breeding short-term trend:</b> Kék vércse fajmegőrzési terv 2018 (Species Action Plan), MME/BirdLife Hungary, unpublished.                                                                                                                                                                                                                                                             |
| <b>Breeding long-term trend:</b> Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértességi Közalapítvány, Csákvár. P. 569-572. Kék vércse fajmegőrzési terv 2018 (Species Action Plan), MME/BirdLife Hungary, unpublished. Palatitz P. Solt Sz. és Fehérvári P. (szerk.) (2018): Kék könyv. A kék vércse ökológiája és megőrzése. Budapest. MME. 240 p. |

### Italy

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| <b>Breeding population size:</b> BirdLife International 2017. European birds of conservation concern: populations, trends and national responsibilities. Cambridge, UK: BirdLife International.                                          |
| <b>Breeding short-term trend:</b> No recent data available - Brichetti P & Fracasso G. 2013. Ornitologia italiana. Vol. 1/3: Pandionidae-Falconidae. Oasi Alberto Perdida, Bologna                                                       |
| <b>Breeding long-term trend:</b> 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. |

### Moldova

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| <b>Breeding population size:</b> Moldova's contribution for the second European Breeding Bird Atlas (EBBA2)                  |
| <b>Breeding short-term trend:</b> SPPN expert opinion ( <a href="mailto:sppn.moldova@gmail.com">sppn.moldova@gmail.com</a> ) |
| <b>Breeding long-term trend:</b> SPPN expert opinion ( <a href="mailto:sppn.moldova@gmail.com">sppn.moldova@gmail.com</a> )  |

### Romania

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| <b>Breeding population size:</b> National Red-footed Falcon Survey, OpenBirdMaps (Milvus Group) Database |
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## *Falco vespertinus* (Red-footed Falcon)

### Romania

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| <b>Breeding short-term trend:</b> Ornithodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database                                                                                                                                                                                                                                                                                          |
| <b>Breeding long-term trend:</b> Editor: P. Palatitz, Sz. Solt, P. Fehérvári (2018): The Blue Vesper - Ecology and Conservation of the Red-footed Falcon; BAGYURA J. & PALATITZ P. (2004): Fajmegőrzési terv: Kék vércse ( <i>Falco vespertinus</i> ). KvVM TV; Peter Palatitz, Peter Fehérvári, Szabolcs Solt & Éva Horváth 2015. Breeding population trends and pre-migration roost-site survey of the Red-Footed Falcon in Hungary. – Ornis Hungarica 23(1): 77–93. |

### Russia

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| <b>Breeding population size:</b> Voltzit & Kalyakin 2013-2019; Database of the project on Atlas of breeding birds of European Russia; Belik et al. 2012; Belik 2014 |
| <b>Breeding short-term trend:</b> Belik et al. 2012; Belik unpublished. vpbelik@mail.ru; Sarychev unpublished. vssar@yandex.ru                                      |
| <b>Breeding long-term trend:</b> Belik et al. 2003; 2012; Sarychev 2009                                                                                             |

### Serbia

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| <b>Breeding population size:</b> EBBA2 project; Puzović, S., Radišić, D., Ružić, M., Rajković, D., Radaković, M., Pantović, U., Janković, M., Stojnić, N., Šćiban, M., Tucakov, M., Gergelj, J., Sekulić, G., Agošton, A. & Raković, M. 2015. Birds of Serbia: Breeding Population Estimates and Trends for the Period 2008-2013. Bird protection and study society of Serbia, and Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Novi Sad. |
| <b>Breeding short-term trend:</b> Puzović, S., Radišić, D., Ružić, M., Rajković, D., Radaković, M., Pantović, U., Janković, M., Stojnić, N., Šćiban, M., Tucakov, M., Gergelj, J., Sekulić, G., Agošton, A. & Raković, M. 2015. Birds of Serbia: Breeding Population Estimates and Trends for the Period 2008-2013. Bird protection and study society of Serbia, and Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Novi Sad.               |
| <b>Breeding long-term trend:</b> Puzović, S., Radišić, D., Ružić, M., Rajković, D., Radaković, M., Pantović, U., Janković, M., Stojnić, N., Šćiban, M., Tucakov, M., Gergelj, J., Sekulić, G., Agošton, A. & Raković, M. 2015. Birds of Serbia: Breeding Population Estimates and Trends for the Period 2008-2013. Bird protection and study society of Serbia, and Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Novi Sad.                |

### Slovakia

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| <b>Breeding population size:</b> Coordinatory group for reporting 2019. Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002. Jozef Chavko: Súhrnná správa o výsledkoch monitoringu hniezdenia vybraných populácií dravých vtákov realizovaného členmi OZ Ochrana dravcov na Slovensku v rokoch 2000 až 2011. Časopis BUTEO, ročníky 1/1986 až 13/2003 (vydávala RPS) Karaska D., Trnka A., Krištín A., Ridzoň J.: Chránené vtáčie územia Slovenska. ŠOP SR Banská Bystrica, 2015. Slobodník R., Chavko J., Lešová A., Guziová Z., Maderič B., 2017: Program záchrany sokola červenonohého ( <i>Falco vespertinus</i> Linnaeus, 1766) na roky 2018 – 2022, Štátna ochrana prírody Slovenskej republiky, Ochrana dravcov na Slovensku Paletitz P. Solt Sz, Fehérvári P. (Eds.): 2018: Dymový sokol Ekológia a ochrana sokola kobcovitého, Budapešť, MME 239pp. DANKO Š., CHAVKO, J., 2002: Sokol kobcovitý, s. 209-211 In: Danko, Š., Darolová, A., Krištín, A. (ed.), 2002: Rozšírenie vtákov na Slovensku. VEDA, 688 p. |
| <b>Breeding short-term trend:</b> Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018. Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002. Jozef Chavko: Súhrnná správa o výsledkoch monitoringu hniezdenia vybraných populácií dravých vtákov realizovaného členmi OZ Ochrana dravcov na Slovensku v rokoch 2000 až 2011. Časopis BUTEO, ročníky 1/1986 až 13/2003 (vydávala RPS) Slobodník R., Chavko J., Lešová A., Zuzana Guziová Z., Maderič B., 2017: Program záchrany sokola červenonohého ( <i>Falco vespertinus</i> Linnaeus, 1766) na roky 2018 – 2022, Štátna ochrana prírody Slovenskej republiky, Ochrana dravcov na Slovensku                                                                                                                                                                                                                                                                                                                                |
| <b>Breeding long-term trend:</b> Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018. Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002. Jozef Chavko: Súhrnná správa o výsledkoch monitoringu hniezdenia vybraných populácií dravých vtákov realizovaného členmi OZ Ochrana dravcov na Slovensku v rokoch 2000 až 2011. Časopis BUTEO, ročníky 1/1986 až 13/2003 (vydávala RPS) Slobodník R., Chavko J., Lešová A., Zuzana Guziová Z., Maderič B., 2017: Program záchrany sokola červenonohého ( <i>Falco vespertinus</i> Linnaeus, 1766) na roky 2018 – 2022, Štátna ochrana prírody Slovenskej republiky, Ochrana dravcov na Slovensku                                                                                                                                                                                                                                                                                                                                 |

### Turkey: new breeding species for Turkey according to last breeding atlas study, WWF Turkey, EBCC

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| <b>Breeding population size:</b> Turkey Bird Atlas Research WWF Turkey and EBCC - 2019 |
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### Ukraine

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| <b>Breeding population size:</b> 1. Милобог Ю.В. Соколоподібні (Falconiformes) степової зони України: видовий склад, територіальний розподіл, динаміка чисельності та охорона: Автореф. дис... канд. біол. наук. К., 2012. 24 с. 2. Atlas work, non-published data  |
| <b>Breeding short-term trend:</b> 1. Милобог Ю.В. Соколоподібні (Falconiformes) степової зони України: видовий склад, територіальний розподіл, динаміка чисельності та охорона: Автореф. дис... канд. біол. наук. К., 2012. 24 с. 2. Atlas work, non-published data |
| <b>Breeding long-term trend:</b> 1. Милобог Ю.В. Соколоподібні (Falconiformes) степової зони України: видовий склад, територіальний розподіл, динаміка чисельності та охорона: Автореф. дис... канд. біол. наук. К., 2012. 24 с. 2. Atlas work, non-published data  |

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