

Hieraetus pennatus (Booted Eagle)

European Red List of Birds

Supplementary Material

The European Union (EU28) Red List assessments were based principally on the official data reported by EU Member States to the European Commission under Article 12 of the Birds Directive in 2019-20. For the European Red List assessments, similar data were sourced from BirdLife Partners and other collaborating experts in other European countries and territories. For more information, see BirdLife International (2021).

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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.

Hieraaetus pennatus (Booted Eagle)

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

| Country (or territory) ² | Population estimate | | | | Short-term population trend ⁵ | | | | Long-term population trend ⁵ | | | | Subspecific population (where relevant) |
|-------------------------------------|---------------------------|------------|-----------|---------------------|--|----------------------------|-----------|---------------------|---|----------------------------|-----------|---------------------|---|
| | Size (pairs) ³ | Europe (%) | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | |
| Albania | 0–7 | <1 | 2007-2018 | partial | - | -100 to -53 | 2007-2018 | partial | - | -100 to -65 | 1980-2018 | expert | |
| Armenia | 41–60 | <1 | 2013-2018 | complete | 0 | | 2007-2018 | | 0 | | 2003-2018 | partial | |
| Azerbaijan | 50–250 | <1 | 1996-2019 | expert | + | | 2013-2019 | expert | + | | 1980-2019 | expert | |
| Belarus | 15 | <1 | 2010-2018 | partial | 0 | -10 to 10 | 2012-2019 | expert | ? | | 1980-2019 | deficient | |
| Bosnia & HG | 1 | <1 | 2015-2018 | complete | ? | | 2007-2018 | deficient | ? | | 1980-2018 | deficient | |
| Bulgaria | 240–250 | <1 | 2005-2018 | partial | + | 10 to 20 | 2000-2018 | partial | + | 380 to 400 | 1980-2018 | partial | |
| Croatia | 5–10 | <1 | 2012-2012 | expert | ? | | 2007-2018 | deficient | ? | | 1980-2018 | deficient | |
| France | 580–810 | 3 | 2012-2018 | partial | + | | 2007-2018 | partial | + | | 1985-2018 | partial | |
| Georgia | 70–150 | <1 | 2005-2012 | deficient | 0 | 0 | 2000-2012 | | - | -23 to -52 | 1980-2012 | | |
| Greece | 70–120 | <1 | 2015 | partial | + | | 2007-2018 | partial | - | | 1980-2018 | partial | |
| Hungary | 0–1 | <1 | 2013-2018 | complete | F | | 2007-2018 | complete | - | -100 to -90 | 1980-2018 | complete | |
| Kosovo | 0 | <1 | 2007-2019 | deficient | ? | | 2007-2018 | deficient | ? | | 1990-2018 | partial | |
| North Macedonia | 20–40 | <1 | 2014-2019 | expert | 0 | | 2007-2018 | expert | ? | | 1980-2019 | | |
| Moldova | 60–80 | <1 | 2014-2017 | partial | + | | 2007-2018 | partial | F | | 1990-2018 | expert | |
| Montenegro | 2–5 | <1 | 2002-2012 | expert | 0 | | 2007-2018 | expert | ? | | | | |
| Poland | 0 | <1 | 2013-2018 | complete | ? | | 2007-2018 | deficient | ? | | 1980-2018 | deficient | |
| Portugal | 1500–4000 | 9 | 2013-2018 | partial | ? | | 2007-2018 | deficient | ? | | 1980-2018 | deficient | |
| Romania | 340–770 | 2 | 2013-2014 | complete | ? | | 2007-2013 | deficient | ? | | 1980-2018 | deficient | |
| Russia | 1100–2000 | 6 | 2018-2018 | partial | + | 0 | 2008-2018 | partial | + | 1 | 1980-2018 | partial | |
| Serbia | 15–31 | <1 | 2013-2018 | expert | 0 | 0 | 2007-2018 | complete | - | -29 to -10 | 1980-2018 | complete | |
| Slovakia | 0 | <1 | | deficient | ? | | | deficient | - | -100 | 1980-1991 | expert | |
| Spain | 17900–18700 | 70 | 2007-2018 | partial | + | 43 to 78 | 2007-2018 | partial | 0 | | 1980-2018 | partial | |
| Turkey | 500–2000 | 4 | 2002-2012 | complete | ? | | 2008-2019 | deficient | ? | | 1980-2013 | deficient | |
| Ukraine | 700–1000 | 3 | 2009-2018 | partial | 0 | 0 | 2009-2018 | partial | - | -80 to -50 | 1996-2019 | expert | |
| EU28 | 20600–24700 | 86 | | | | | | | | | | | |
| Europe | 23300–30300 | 100 | | | | | | | | | | | |

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

| Country (or territory) ² | Population estimate | | | | Short-term population trend ⁵ | | | | Long-term population trend ⁵ | | | | Subspecific population (where relevant) |
|-------------------------------------|---------------------------|------------|---------|---------------------|--|----------------------------|---------|---------------------|---|----------------------------|---------|---------------------|---|
| | Size (pairs) ³ | Europe (%) | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | |

¹ See 'Sources' at end of factsheet, and for more details on individual EU Member State reports, see the Article 12 reporting portal at <http://bd.eionet.europa.eu/article12/report>.

² The designation of geographical entities and the presentation of the material do not imply the expression of any opinion whatsoever on the part of IUCN or BirdLife International concerning the legal status of any country, territory or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

³ In the few cases where population size estimates were reported in units other than those specified, they were converted to the correct units using standard correction factors.

⁴ The 'method used' (replacing the data 'quality' assessment in the 2015 European Red List) is reported as: a) Complete: complete survey or a statistically robust estimate; b) Partial: based mainly on extrapolation from a limited amount of data; c) Expert: based mainly on expert opinion with very limited data; d) Defficient: insufficient or no data available.

⁵ The robustness of regional trends to the effects of any missing or incomplete data was tested using plausible scenarios, based on other sources of information, including any other reported information, recent national Red Lists, scientific literature, other publications and consultation with relevant experts.

⁶ Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

⁷ Trend magnitudes are rounded to the nearest integer.

Hieraaetus pennatus (Booted Eagle)

Table 2. Reported national wintering population sizes and trends in Europe¹. Note that some countries within the species' wintering range did not report any data, and that only minimum totals are presented, to avoid double-counting of birds moving between countries.

| Country (or territory) ² | Population estimate | | | | Short-term population trend ⁵ | | | | Long-term population trend ⁵ | | | | Subspecific population (where relevant) |
|-------------------------------------|---------------------------------|------------|-----------|---------------------|--|----------------------------|-----------|---------------------|---|----------------------------|-----------|---------------------|---|
| | Size (individuals) ³ | Europe (%) | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | |
| Gibraltar | 3 | 100 | 2006-2018 | partial | 0 | 0 to 3 | 2000-2018 | partial | 0 | 0 | 1980-2018 | partial | |
| EU28 | 0-3 | 100 | | | | | | | | | | | |
| Europe | 0-3 | 100 | | | | | | | | | | | |

¹ See 'Sources' at end of factsheet, and for more details on individual EU Member State reports, see the Article 12 reporting portal at <http://bd.eionet.europa.eu/article12/report>.

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⁵ The robustness of regional trends to the effects of any missing or incomplete data was tested using plausible scenarios, based on other sources of information, including any other reported information, recent national Red Lists, scientific literature, other publications and consultation with relevant experts.

⁶ Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

⁷ Trend magnitudes are rounded to the nearest integer.

Trend maps

A symbol appears in each country where the species occurs: the shape and colour of the symbol represent the population trend in that country, and the size of the symbol corresponds to the proportion of the European population occurring in that country.

KEY

- | | |
|---|---------------------------------|
| ↑ Large increase (≥50%) | ↓ Large decrease (≥50%) |
| ↑ Moderate increase (20–49%) | ↓ Moderate decrease (20–49%) |
| ↑ Small increase (<20%) | ↓ Small decrease (<20%) |
| ↑ Increase of unknown magnitude | ↓ Decrease of unknown magnitude |
| ■ Stable or fluctuating | |
| □ Unknown | |
| ○ Present (no population or trend data) | |
| × Extinct since 1980 | |

Each symbol, with the exception of Present and Extinct, may occur in up to three different size classes, corresponding to the proportion of the European population occurring in that country.

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

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

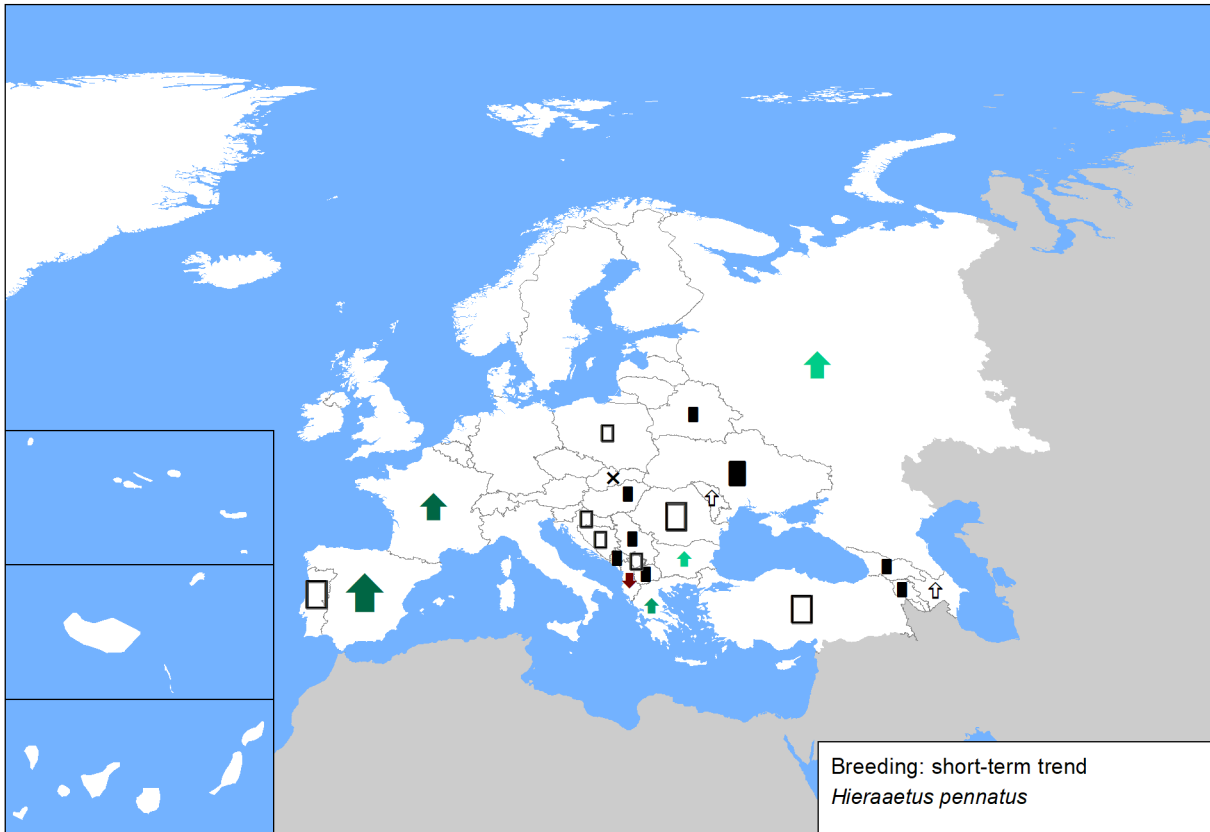


Figure 2. Breeding population sizes and long-term trends across Europe.

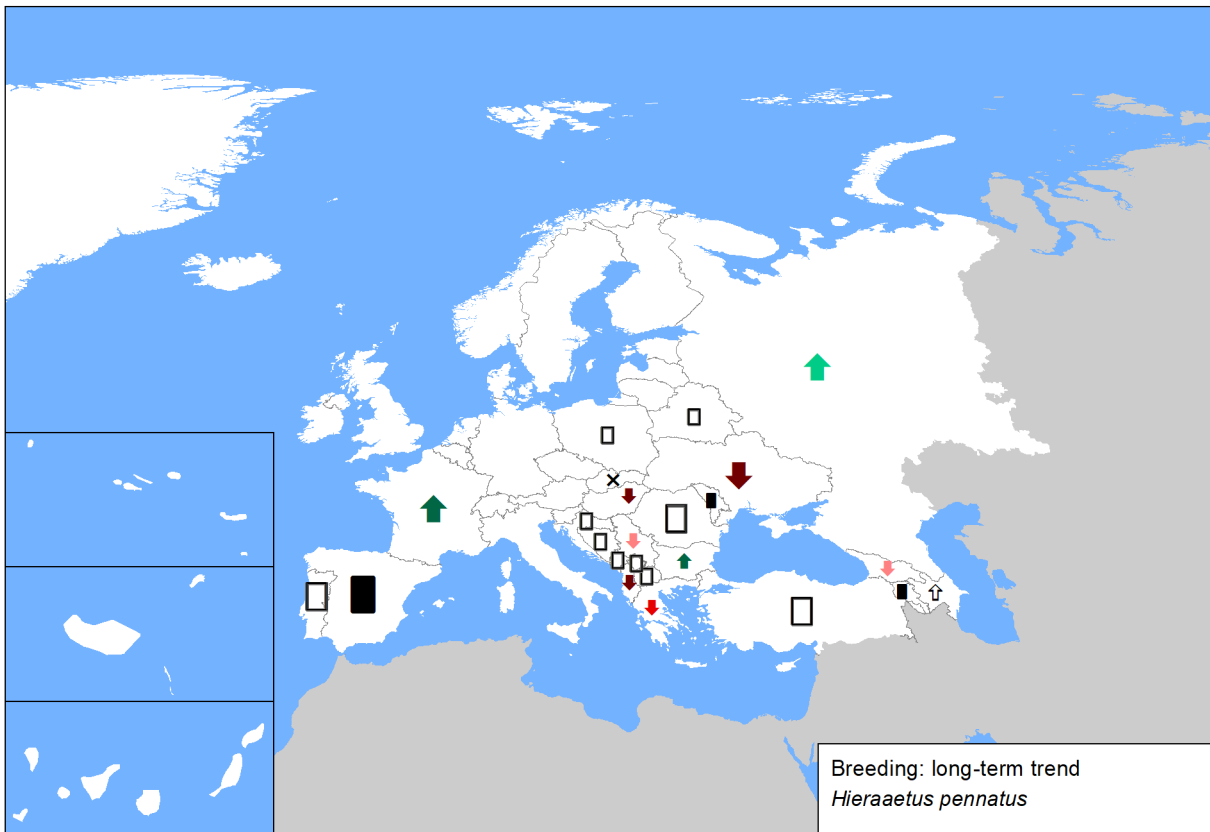


Figure 3. Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.

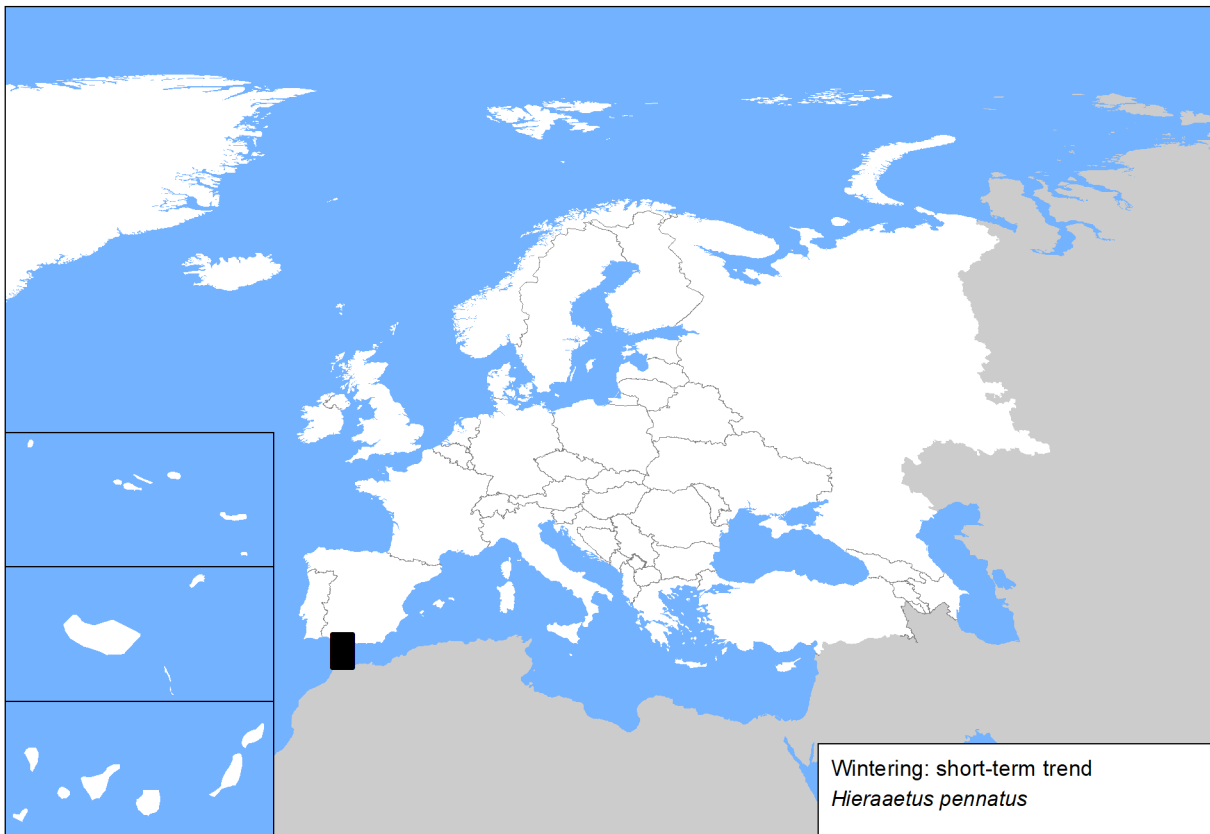
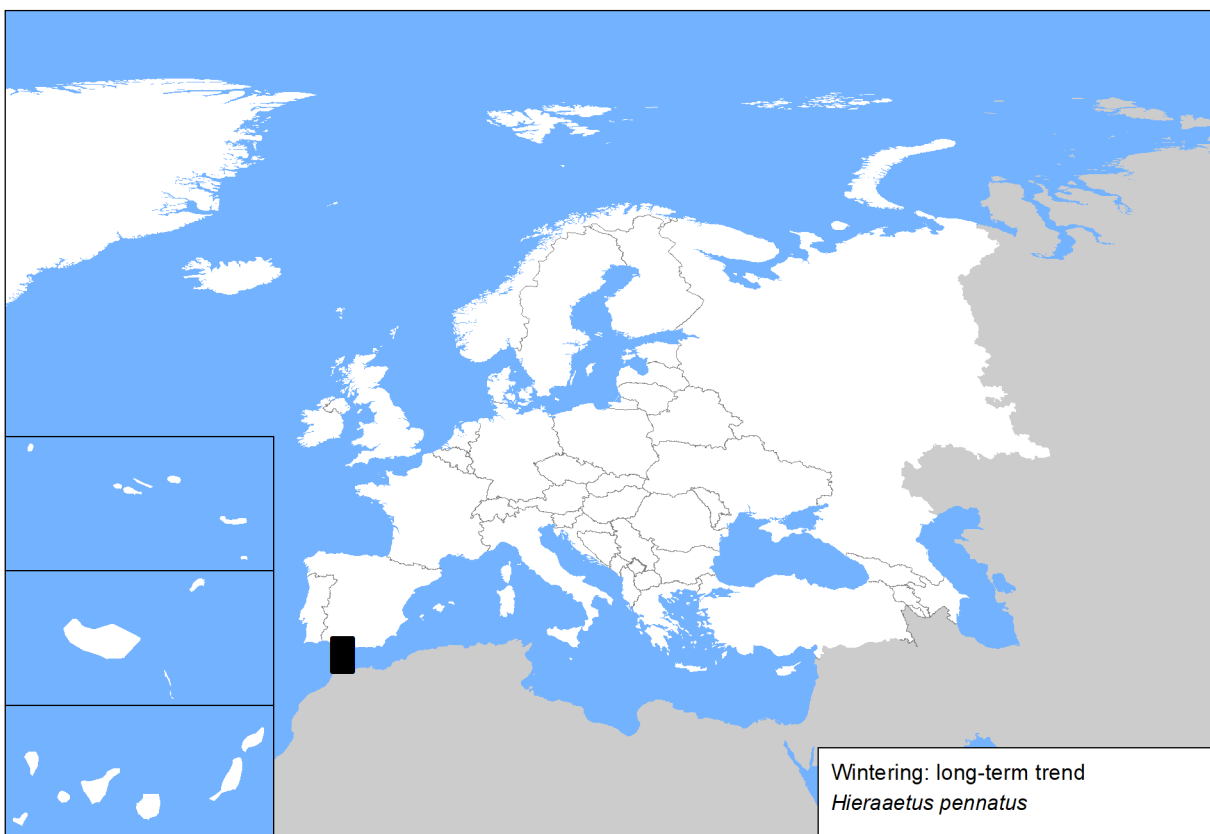


Figure 4. Reported wintering population sizes and long-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



Sources

Albania

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| Breeding short-term trend: Bino & Xeka pers. obs. |
| Breeding long-term trend: Bino pers. obs. |

Armenia

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

Azerbaijan

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| Breeding population size: AOS data base |
| Breeding short-term trend: AOS data base |
| Breeding long-term trend: AOS Data Base |

Belarus

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| Breeding population size: Research work of the National Academy of Sciences of the Republic of Belarus "Dynamics and predictive assessment of changes in the state of populations of the main resource and biocenotically most important bird species in Belarus" |
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Bosnia and Herzegovina

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| Breeding short-term trend: more individual articles e.g published in magazine Bilten mreže posmatrača ptica u Bosni i Hercegovini-see https://ptice.ba/bs/category/bilteni_/ , individual reports (e.g. for EBBA2, projects etc) |

Bulgaria

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France

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| Breeding population size: Thurel J., Riols R., Nadal R., Denis P. & Riols C. 2013. L'Aigle botté <i>Aquila pennata</i> en France en 2012 : statut, répartition et effectifs. <i>Ornithos</i> 20-6, 333-343 |
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Georgia

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Georgia

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Gibraltar

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Greece

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Kosovo

Breeding population size: Qenan Maxhuni

Breeding short-term trend: Qenan Maxhuni

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North Macedonia

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Moldova

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Breeding short-term trend: SPPN expert opinion (sppn.moldova@gmail.com)

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Breeding short-term trend: Chief Inspectorate of Environmental Protection & Polish Society for the Protection of Birds (OTOP) / BirdLife Poland

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Russia

Breeding population size: Voltzit & Kalyakin 2013-2019; Database of the project on Atlas of breeding birds of European Russia

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