

## ***Tringa totanus* (Common Redshank)**

### **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).

*Tringa totanus* (Common Redshank)

**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                             | 50–100                    | <1         | 2007-2018 | complete            | +                                        | 0 to 60                    | 2007-2018 | complete            | +                                       | 11 to 67                   | 1980-2018 | expert              |                                         |
| Armenia                             | 120–190                   | <1         | 2013-2018 | complete            | 0                                        |                            | 2007-2018 |                     | ?                                       |                            | 2003-2018 | deficient           |                                         |
| Austria                             | 40–210                    | <1         | 2013-2018 | complete            | -                                        |                            | 2007-2018 | complete            | -                                       |                            | 1986-2018 | complete            |                                         |
| Azerbaijan                          | 500–5000                  | <1         | 1996-2019 | expert              | 0                                        |                            | 2013-2019 | expert              | ?                                       |                            | 1980-2019 | expert              |                                         |
| Belarus                             | 30000–40000               | 12         | 2010-2018 | partial             | -                                        | -50 to -20                 | 2012-2019 | expert              | -                                       | -50 to 20                  | 1980-2019 | expert              |                                         |
| Belgium                             | 400–600                   | <1         | 2013-2018 | partial             | +                                        | 23 to 85                   | 2008-2018 | complete            | +                                       | 100 to 200                 | 1973-2018 | partial             |                                         |
| Bosnia & HG                         | 25–30                     | <1         | 2015-2018 | complete            | -                                        | -10 to -1                  | 2007-2018 | complete            | ?                                       |                            | 1980-2018 | deficient           |                                         |
| Bulgaria                            | 20–45                     | <1         | 2005-2018 | partial             | -                                        | -10 to -5                  | 2000-2018 | expert              | -                                       | -15 to -10                 | 1980-2018 | expert              |                                         |
| Croatia                             | 3–8                       | <1         | 2013-2018 | complete            | ?                                        |                            | 2007-2018 | complete            | ?                                       |                            | 1980-2018 | deficient           |                                         |
| Czechia                             | 50–70                     | <1         | 2014-2018 | complete            | F                                        |                            | 2002-2016 | complete            | 0                                       |                            | 1986-2016 | complete            |                                         |
| Denmark                             | 7100–7200                 | 2          | 2017      | partial             | 0                                        | -36 to 17                  | 2006-2017 | complete            | -                                       | -60 to -37                 | 1983-2017 | complete            |                                         |
| DK: Faroe Is                        | 15                        | <1         | 2014      | expert              | ?                                        |                            |           |                     | ?                                       |                            |           |                     |                                         |
| Estonia                             | 2500–3500                 | 1          | 2013-2017 | partial             | 0                                        | -6 to 6                    | 2006-2017 | partial             | -                                       | -38 to -29                 | 1980-2017 | partial             |                                         |
| Finland                             | 5200–10400                | 2          | 2013-2018 | expert              | 0                                        | -14 to 31                  | 2007-2018 | partial             | -                                       | -61 to -33                 | 1980-2018 | partial             |                                         |
| France                              | 1400–1700                 | <1         | 2010-2017 | complete            | ?                                        |                            | 2007-2018 | complete            | +                                       | 150 to 200                 | 1983-2011 | partial             |                                         |
| Georgia                             | 12–120                    | <1         | 2013-2017 | partial             | ?                                        |                            |           | deficient           | ?                                       |                            |           |                     |                                         |
| Germany                             | 8500                      | 3          | 2012-2016 | complete            | -                                        | -20 to -12                 | 2004-2016 | complete            | 0                                       | -8 to 5                    | 1981-2014 | complete            |                                         |
| Greece                              | 400–800                   | <1         | 2015      | partial             | 0                                        |                            | 2007-2018 | partial             | 0                                       |                            | 1980-2018 | partial             |                                         |
| Hungary                             | 480–850                   | <1         | 2014-2018 | complete            | 0                                        |                            | 2007-2018 | expert              | ?                                       |                            | 1980-2018 | expert              |                                         |
| Iceland                             | 75000                     | 25         | 2016      | partial             | ?                                        |                            | 2006-2018 | deficient           | ?                                       |                            | 1980-2018 | deficient           |                                         |
| Rep. Ireland                        | 220–300                   | <1         | 2013-2018 | partial             | -                                        | -56 to -40                 | 2008-2018 | partial             | -                                       | -95 to -93                 | 1980-2018 | partial             |                                         |
| Italy                               | 1600–2000                 | <1         | 2018      | expert              | +                                        | 45 to 70                   | 2007-2018 | expert              | +                                       | 70 to 175                  | 1993-2018 | expert              |                                         |
| Kosovo                              | 5–10                      | <1         | 2007-2019 | partial             | ?                                        |                            | 2007-2018 | expert              | ?                                       |                            | 1990-2018 | partial             |                                         |
| Latvia                              | 140–300                   | <1         | 2013-2017 | partial             | -                                        | -39 to -35                 | 2000-2017 | partial             | -                                       | -71 to -70                 | 1991-2017 | partial             |                                         |
| Lithuania                           | 250–400                   | <1         | 2013-2018 | partial             | -                                        | -40 to -30                 | 2013-2018 | partial             | -                                       | -30 to -20                 | 1980-2018 | partial             |                                         |
| North Macedonia                     | 0                         | <1         | 2014-2019 | expert              | ?                                        |                            | 2007-2018 | deficient           | ?                                       |                            | 1980-2019 |                     |                                         |
| Montenegro                          | 30–80                     | <1         | 2002-2012 | expert              | 0                                        |                            | 2007-2018 | expert              | ?                                       |                            |           |                     |                                         |
| Netherlands                         | 17000–20000               | 6          | 2013-2015 | complete            | -                                        | -25 to -12                 | 2006-2017 | complete            | -                                       | -34 to -9                  | 1984-2017 | complete            |                                         |
| Norway                              | 25000–35000               | 10         | 2013-2018 | expert              | 0                                        |                            | 2013-2018 | partial             | -                                       | 0 to 5                     | 1980-2018 | partial             |                                         |
| Poland                              | 800–1200                  | <1         | 2013-2018 | expert              | ?                                        | -51 to 8                   | 2007-2018 | complete            | -                                       | -60 to -50                 | 1980-2018 | expert              |                                         |
| Portugal                            | 10–30                     | <1         | 2013-2018 | partial             | ?                                        |                            | 2007-2018 | partial             | ?                                       |                            | 1980-2018 | deficient           |                                         |
| Romania                             | 200–2000                  | <1         | 2013-2018 | expert              | ?                                        |                            | 2007-2018 | deficient           | ?                                       |                            | 1980-2018 | deficient           |                                         |

*Tringa totanus* (Common Redshank)

**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> |                                         |
| Russia                              | 30000–50000               | 13         | 2008–2018 | partial             | -                                        | 0                          | 2010–2018 | partial             | -                                       | 0                          | 1980–2018 | partial             |                                         |
| Serbia                              | 100–260                   | <1         | 2013–2018 | partial             | F                                        | 0                          | 2007–2018 | complete            | -                                       | -29 to -10                 | 1980–2018 | complete            |                                         |
| Slovakia                            | 20–40                     | <1         | 2013–2018 | partial             | -                                        | -20 to -10                 | 2007–2018 | partial             | -                                       | -70 to -50                 | 1980–2018 | partial             |                                         |
| Slovenia                            | 10–25                     | <1         | 2013–2018 | complete            | +                                        |                            | 2007–2018 | complete            | +                                       | 70 to 400                  | 1980–2018 | partial             |                                         |
| Spain                               | 1100                      | <1         | 2003–2007 | complete            | 0                                        |                            | 2007–2018 | expert              | 0                                       |                            | 1980–2018 | expert              |                                         |
| Sweden                              | 23000–33000               | 9          | 2013–2018 | partial             | +                                        | 16 to 66                   | 2007–2018 | partial             | +                                       | 10 to 30                   | 1980–2018 | partial             |                                         |
| Turkey                              | 1000–10000                | 1          | 2002–2012 | partial             | ?                                        |                            | 2008–2019 | deficient           | ?                                       |                            | 1980–2013 | deficient           |                                         |
| Ukraine                             | 7000–15000                | 4          | 2009–2019 | partial             | -                                        | -20 to -10                 | 2009–2019 | partial             | -                                       | -60 to -30                 | 1980–2019 | partial             |                                         |
| United Kingdom                      | 21900–22000               | 7          | 2016      | partial             | -                                        | -28                        | 2004–2016 | complete            | -                                       | -70                        | 1980–2016 | complete            |                                         |
| EU28                                | 92500–117000              | 34         |           |                     |                                          |                            |           |                     |                                         |                            |           |                     |                                         |
| <b>Europe</b>                       | <b>261000–347000</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.

*Tringa totanus* (Common Redshank)

**Table 2.** Reported national wintering population sizes and trends in Europe<sup>1</sup>. 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) <sup>2</sup> | Population estimate             |            |           |                     | Short-term population trend <sup>5</sup> |                            |           |                     | Long-term population trend <sup>5</sup> |                            |           |                     | Subspecific population (where relevant) |
|-------------------------------------|---------------------------------|------------|-----------|---------------------|------------------------------------------|----------------------------|-----------|---------------------|-----------------------------------------|----------------------------|-----------|---------------------|-----------------------------------------|
|                                     | Size (individuals) <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                             | 70–1500                         | <1         | 2007-2018 | complete            | -                                        | -30 to 0                   | 2007-2018 | complete            | 0                                       | 0                          | 1980-2018 | complete            |                                         |
| Armenia                             | 500–1000                        | <1         | 2013-2018 | partial             | F                                        |                            | 2007-2018 |                     | ?                                       |                            | 2003-2018 | deficient           |                                         |
| Azerbaijan                          | 2000–20000                      | 4          | 1996-2019 | expert              | -                                        |                            | 2010-2019 | expert              | ?                                       |                            | 1980-2019 | expert              |                                         |
| Belgium                             | 340–470                         | <1         | 2013-2018 | complete            | +                                        | 20 to 102                  | 2007-2018 | complete            | ?                                       | -42 to 6                   | 1992-2018 | complete            |                                         |
| Bulgaria                            | 5–25                            | <1         | 2013-2018 | partial             | -                                        | -40 to -20                 | 1999-2018 | partial             | -                                       | -30 to -10                 | 1980-2018 | partial             |                                         |
| Croatia                             | 20–100                          | <1         | 2013-2018 | expert              | ?                                        |                            | 2007-2018 | deficient           | ?                                       |                            | 1980-2013 | deficient           |                                         |
| DK: Faroe Is                        | 50–200                          | <1         | 1992      |                     | ?                                        |                            |           |                     | ?                                       |                            |           |                     |                                         |
| Germany                             | 4100                            | 3          | 2011-2016 | complete            | -                                        | -74 to -65                 | 2003-2016 | complete            | -                                       | -65 to -30                 | 1980-2016 | partial             |                                         |
| Greece                              | 2000–5000                       | 2          | 2015      | partial             | ?                                        |                            | 2007-2018 | deficient           | ?                                       |                            | 1980-2018 | deficient           |                                         |
| Iceland                             | 400–600                         | <1         | 2018      | partial             | -                                        |                            | 2002-2014 | partial             | F                                       |                            | 1980-2014 | partial             |                                         |
| Rep. Ireland                        | 16800–16900                     | 11         | 2011-2016 | complete            | -                                        | -14                        | 2004-2016 | complete            | +                                       | 2                          | 1987-2016 | partial             |                                         |
| Kosovo                              |                                 | <1         | 2019      |                     | ?                                        |                            |           |                     | ?                                       |                            |           |                     |                                         |
| Montenegro                          | 600–1300                        | <1         | 2013-2018 | expert              | ?                                        |                            | 2007-2018 | expert              | ?                                       |                            |           |                     |                                         |
| Netherlands                         | 7600–12400                      | 6          | 2013-2017 | complete            | ?                                        | -49 to 1                   | 2006-2017 | complete            | 0                                       | -42 to 15                  | 1981-2017 | complete            |                                         |
| Portugal                            | 1600–5200                       | 2          | 2013-2018 | complete            | -                                        | -45 to -29                 | 2007-2018 | complete            | -                                       |                            | 1988-2018 | partial             |                                         |
| Slovenia                            | 0–2                             | <1         | 2013-2018 | complete            | -                                        |                            | 2007-2018 | complete            | -                                       | -100 to -99                | 1980-2018 | expert              |                                         |
| Spain                               | 5500–8600                       | 4          | 2007-2018 | complete            | 0                                        |                            | 2007-2018 | complete            | +                                       |                            | 1980-2018 | complete            |                                         |
| Turkey                              | 1200–3100                       | 1          | 2013-2019 | complete            | ?                                        |                            | 2008-2019 | deficient           | ?                                       |                            | 1980-2019 | deficient           |                                         |
| Ukraine                             | 1–3                             | <1         | 2014-2017 | partial             | ?                                        |                            | 2007-2018 | partial             | ?                                       |                            | 1980-2018 | partial             |                                         |
| United Kingdom                      | 101000–102000                   | 64         | 2012-2016 | complete            | -                                        | -13                        | 2005-2016 | complete            | 0                                       |                            | 1980-2016 | complete            |                                         |
| EU28                                | 139000–154000                   | 93         |           |                     |                                          |                            |           |                     |                                         |                            |           |                     |                                         |
| <b>Europe</b>                       | <b>144000–182000</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>.

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<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

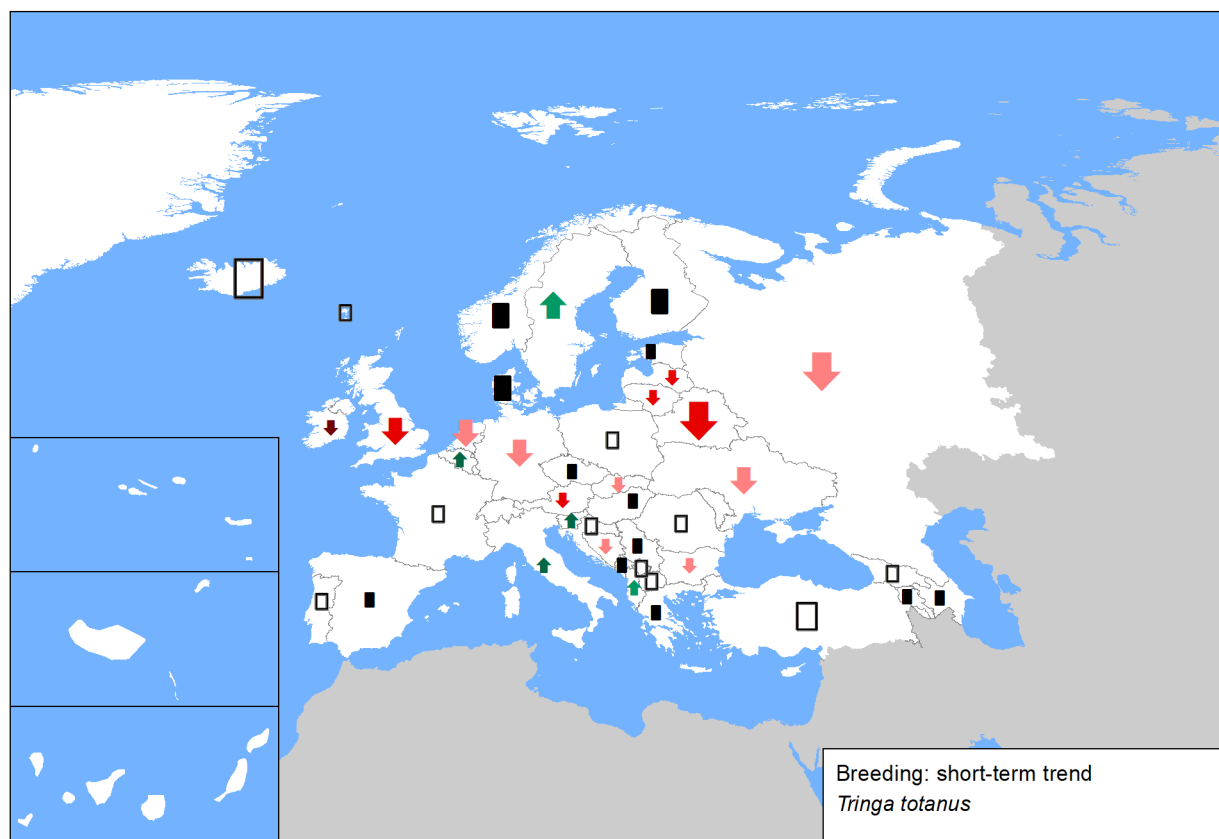
- |                                         |                                  |
|-----------------------------------------|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease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

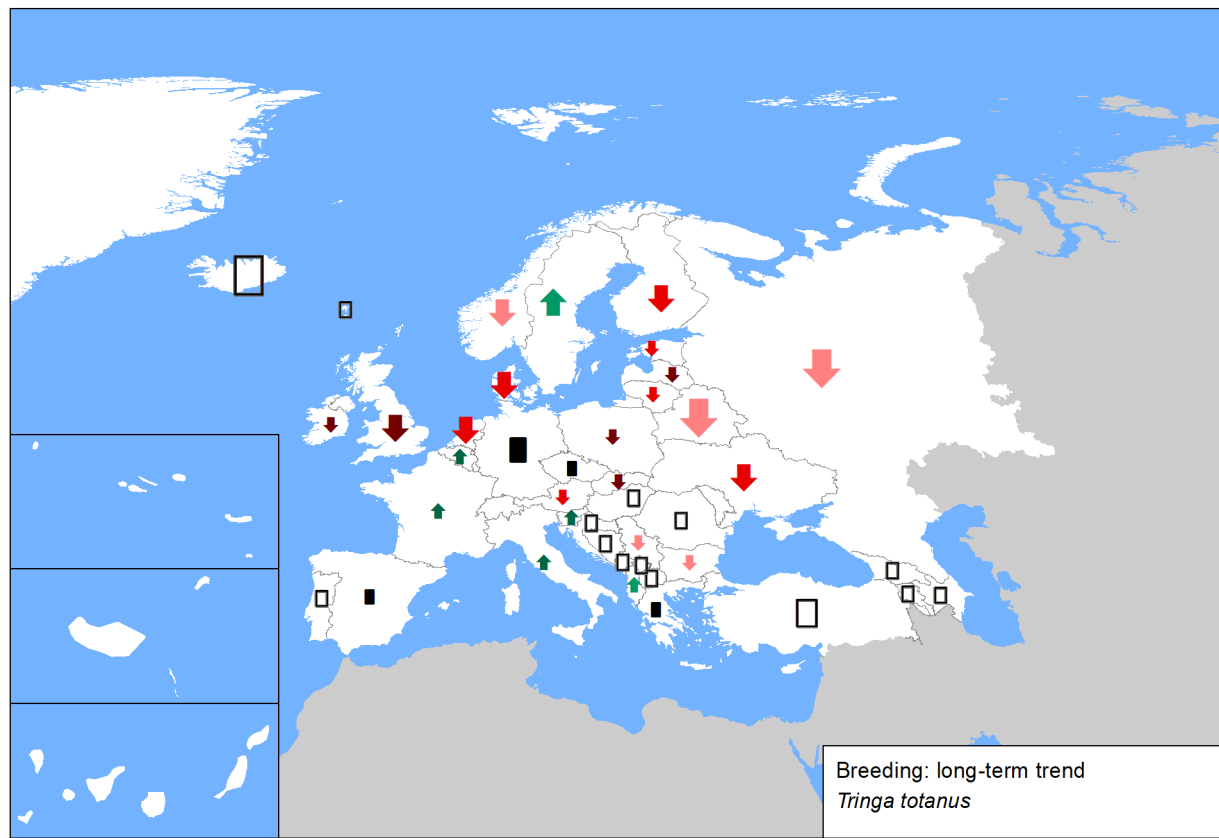
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small:  $< 1\%$  of the European population

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.

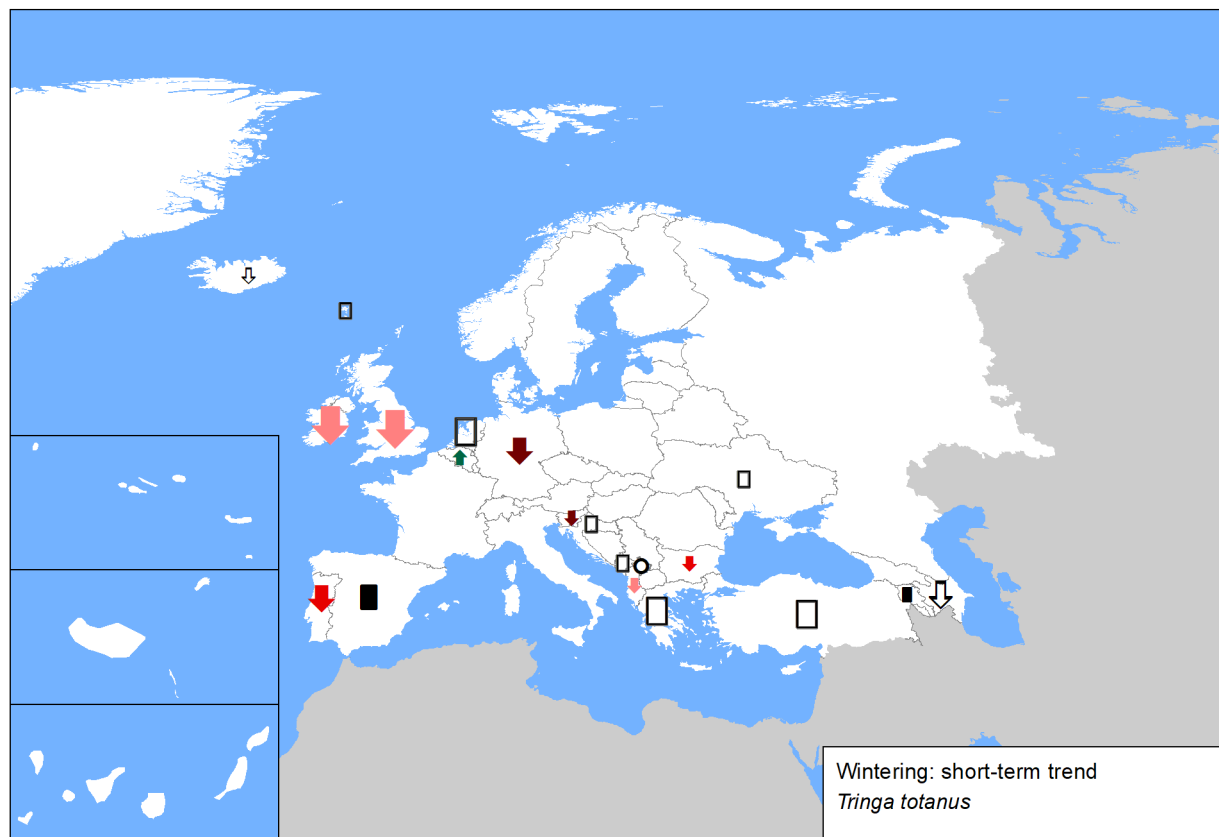
**Figure 1.** Breeding population sizes and short-term trends across Europe.



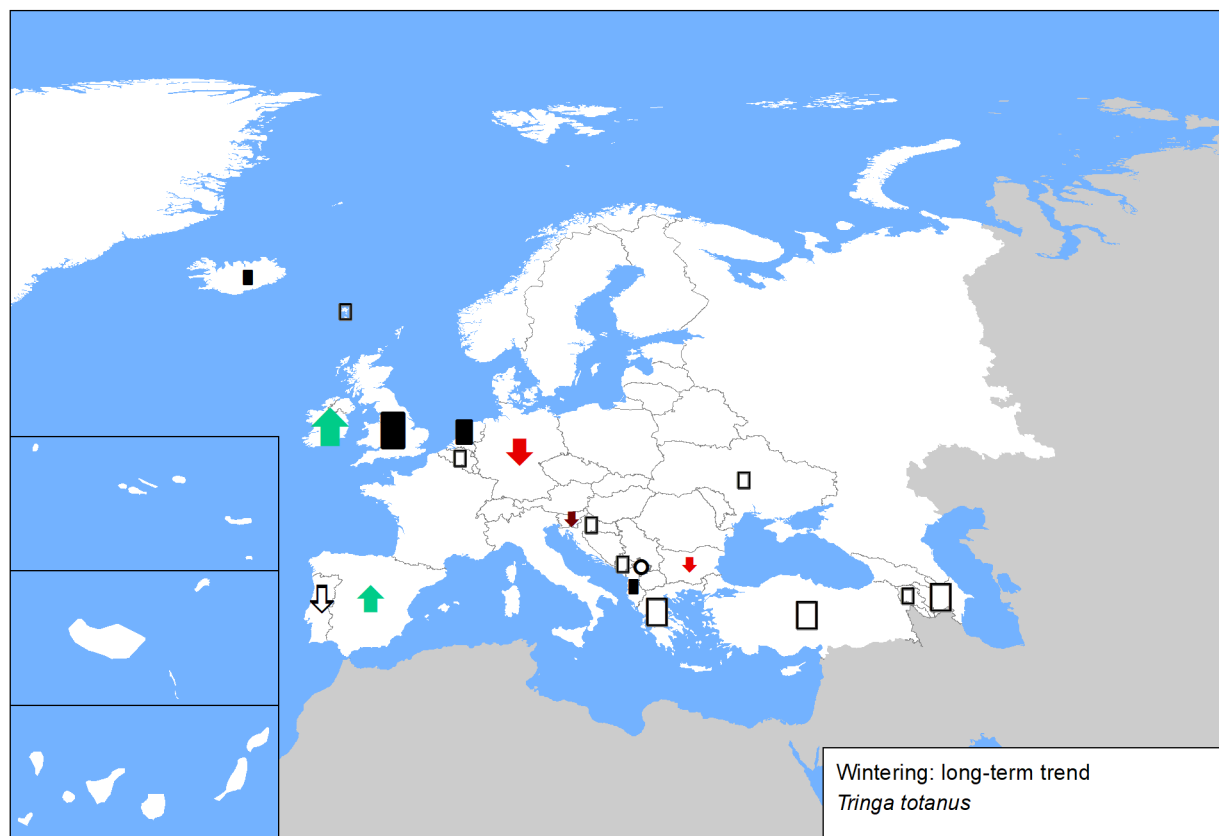
**Figure 2.** Breeding population sizes and long-term trends across Europe.



**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

|                                                          |
|----------------------------------------------------------|
| <b>Breeding population size:</b> Bino & Xeka pers. obs.  |
| <b>Breeding short-term trend:</b> Bino & Xeka pers. obs. |
| <b>Breeding long-term trend:</b> Bino pers. obs.         |
| <b>Winter population size:</b> Bino pers. obs.           |
| <b>Winter short-term trend:</b> Bino et al. 2018         |
| <b>Winter long-term trend:</b> Bino et al. 2018          |

### 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.  |
| <b>Winter population size:</b> TSE NGO, National Bird Monitoring                                         |
| <b>Winter short-term trend:</b> TSE calculations using TRIM                                              |
| <b>Winter long-term trend:</b> TSE calculations using TRIM                                               |

### Austria

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Breeding population size:</b> Dvorak et al. 2016, Georg Bieringer et al. Unpublished data from the bird monitoring program of the national park Neusiedler See-Seewinkel, Hans-Martin Berg, unpublished data (Leithaniederung and Hanság), BirdLife Austria, unpublished archive data                              |
| <b>Breeding short-term trend:</b> Dvorak et al. 2016, Georg Bieringer et al. unpublished data from the bird monitoring program of the national park Neusiedler See-Seewinkel, Hans-Martin Berg, unpublished data (Leithaniederung and Hanság), BirdLife Austria, unpublished archive data                             |
| <b>Breeding long-term trend:</b> Dvorak et al. 2016, Georg Bieringer et al. unpublished data from the bird monitoring program of the national park Neusiedler See-Seewinkel, Hans-Martin Berg, unpublished data (Leithaniederung and Hanság); Dvorak, Ranner & Berg 1993 (Atlas of Austrian breeding birds 1981-1985) |

### Azerbaijan

|                                                              |
|--------------------------------------------------------------|
| <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               |
| <b>Winter population size:</b> AOS data base                 |
| <b>Winter short-term trend:</b> AOS Data Base                |
| <b>Winter long-term trend:</b> AOS Data Base                 |

### Belarus

|                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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> Nikiforov M.E., Kozulin A.V., eds. Belarussian birds at the beginning of XXI century: status, numbers, distribution. - 1997. - Minsk. - 187 p.                                                                                          |

### Belgium

|                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Breeding population size:</b> Vermeersch G. et al. (2018, in press). Broedvogels in Vlaanderen in de periode 2013-2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek (INBO), Brussel. / Paquet, J-Y., Anselin, A., Vermeersch, G., Derouaux, A., Devos, K. (2019, in prep.). Contribution of Belgium to EBCC European Breeding Bird Atlas 2. Internal Report.  |
| <b>Breeding short-term trend:</b> Vermeersch G. et al. (2018, in press). Broedvogels in Vlaanderen in de periode 2013-2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek (INBO), Brussel. / Paquet, J-Y., Anselin, A., Vermeersch, G., Derouaux, A., Devos, K. (2019, in prep.). Contribution of Belgium to EBCC European Breeding Bird Atlas 2. Internal Report. |
| <b>Breeding long-term trend:</b> Vermeersch G. et al. (2018, in press). Broedvogels in Vlaanderen in de periode 2013-2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek (INBO), Brussel. / Paquet, J-Y., Anselin, A., Vermeersch, G., Derouaux, A., Devos, K. (2019, in prep.). Contribution of Belgium to EBCC European Breeding Bird Atlas 2. Internal Report.  |
| <b>Winter population size:</b> Waterbird database INBO                                                                                                                                                                                                                                                                                                                        |
| <b>Winter short-term trend:</b> Waterbird database INBO & Aves                                                                                                                                                                                                                                                                                                                |
| <b>Winter long-term trend:</b> Waterbird database INBO & Aves                                                                                                                                                                                                                                                                                                                 |

### Bosnia and Herzegovina

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

|                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Breeding population size:</b> Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 264-265; National Art. 12 reporting database 2013-2018; SPAs mapping in 2012 Common Bird Monitoring Scheme <a href="http://bspb.org/monitoring/">http://bspb.org/monitoring/</a> |
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## *Tringa totanus* (Common Redshank)

### Bulgaria

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| <b>Breeding short-term trend:</b> Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 264-265; National Art. 12 reporting database 2013-2018;                                                                                                                                     |
| <b>Breeding long-term trend:</b> Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 264-265;                                                                                                                                                                                     |
| <b>Winter population size:</b> Wetlands International (2019). Submitted IWC data for Bulgaria for period 2013-2018.; National Art. 12 reporting database 2013-2018; National workshop of experts, Sofia 27-29.8.2019                                                                                                                                                               |
| <b>Winter short-term trend:</b> Kostadinova I., S. Dereliev. 2001. Results from the Mid-Winter Counts of Waterbirds in Bulgaria for the period 1997-2001. BSPB Conservation Series. Book 3, BSPB, Sofia, BG, 96 pp.; National Art. 12 reporting database 2013-2018; Michev T., Profirov L. 2003. Mid-Winter Numbers of Waterbirds in Bulgaria (1977-2001). Pensoft, Sofia, 160 pp. |
| <b>Winter long-term trend:</b> Michev T., Profirov L. 2003. Mid-Winter Numbers of Waterbirds in Bulgaria (1977-2001). Pensoft, Sofia, 160 pp.                                                                                                                                                                                                                                      |

### Croatia

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| <b>Breeding population size:</b> Dumbović Mazal V., Pintar V., Zdravec M. (2019): Prvo izvješće o brojnosti i rasprostranjenosti ptica u Hrvatskoj sukladno odredbama Direktive o pticama. Tutiš, V., Kralj, J., Radović, D., Čiković, D., Barišić, S. (ur.) (2013): Crvena knjiga ptica Hrvatske. Ministarstvo zaštite okoliša i prirode, Državni zavod za zaštitu prirode, Zagreb, 258 str. |
| <b>Breeding short-term trend:</b> Dumbović Mazal V., Pintar V., Zdravec M. (2019): Prvo izvješće o brojnosti i rasprostranjenosti ptica u Hrvatskoj sukladno odredbama Direktive o pticama.                                                                                                                                                                                                   |
| <b>Breeding long-term trend:</b> Tutiš, V., Kralj, J., Radović, D., Čiković, D., Barišić, S. (ur.) (2013): Crvena knjiga ptica Hrvatske. Ministarstvo zaštite okoliša i prirode, Državni zavod za zaštitu prirode, Zagreb, 258 str.                                                                                                                                                           |
| <b>Winter population size:</b> Dumbović Mazal V., Pintar V., Zdravec M. (2019): Prvo izvješće o brojnosti i rasprostranjenosti ptica u Hrvatskoj sukladno odredbama Direktive o pticama.                                                                                                                                                                                                      |
| <b>Winter short-term trend:</b> no data available                                                                                                                                                                                                                                                                                                                                             |
| <b>Winter long-term trend:</b> no data available                                                                                                                                                                                                                                                                                                                                              |

### Czechia

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| <b>Breeding population size:</b> Šťastný et Bejček in prep. - Atlas hnízdního rozšíření ptáků ČR 2014-2017  |
| <b>Breeding short-term trend:</b> Šťastný et Bejček in prep. - Atlas hnízdního rozšíření ptáků ČR 2014-2017 |
| <b>Breeding long-term trend:</b> Šťastný et al. 2006                                                        |

### Denmark

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| <b>Breeding population size:</b> Charlotte M. Moshøj, Daniel Palm Eskildsen, Michael Fink Jørgensen & Thomas Vikstrøm, (2018): Overvågning af de almindelige fuglearter i Danmark 1975-2017 & Mandrup, E. 1997, Hvor mange fugle yngler i Danmark, Dansk Ornitologisk Tidsskrift, nr 3, 1997 |
| <b>Breeding short-term trend:</b> Charlotte M. Moshøj, Daniel Palm Eskildsen, Michael Fink Jørgensen & Thomas Vikstrøm, (2018): Overvågning af de almindelige fuglearter i Danmark 1975-2017                                                                                                 |
| <b>Breeding long-term trend:</b> Charlotte M. Moshøj, Daniel Palm Eskildsen, Michael Fink Jørgensen & Thomas Vikstrøm, (2018): Overvågning af de almindelige fuglearter i Danmark 1975-2017                                                                                                  |

### DK: Faroe Is

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| <b>Breeding population size:</b> Hammer et al. (2014) Færøsk trækfugleatlas [Faroeese bird migration atlas]. Fróðskapur / Faroe University Press, Tórshavn. |
| <b>Winter population size:</b> BirdLife International 2004                                                                                                  |

### Estonia

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| <b>Breeding population size:</b> Estonian Working Group on Bird Status and Numbers                                                                                                                                                                                                                                                                                |
| <b>Breeding short-term trend:</b> Estonian Working Group on Bird Status and Numbers                                                                                                                                                                                                                                                                               |
| <b>Breeding long-term trend:</b> [1] Estonian Working Group on Bird Status and Numbers [2] Breeding bird survey of coastal meadows. <a href="http://seire.keskkonnainfo.ee/index.php?option=com_content&amp;view=article&amp;id=3418&amp;Itemid=5816">http://seire.keskkonnainfo.ee/index.php?option=com_content&amp;view=article&amp;id=3418&amp;Itemid=5816</a> |

### Finland

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| <b>Breeding population size:</b> Lehtikainen, A., Below, A., Jukarainen, A., Laaksonen, T., Lehtiniemi, T., Mikkola-Roos, M., Pessa, J., Rajasärkkä, A., Rusanen, P., Sirkiä, P., Tiainen, J. & Valkama, J. 2019: Suomen lintujen pesimäkantojen koot. – Linnut-vuosikirja 2018: 38-45.                                             |
| <b>Breeding short-term trend:</b> Finnish archipelago bird census (organized by Finnish Environment Institute SYKE, Metsähallitus and Natural Resources Institute Finland Luke) Below, A., Mikkola-Roos, M., Kurvinen, L. & Lehtikainen, A. 2019: Saaristolintukantojen kehitys vuosina 1980–2018. – Linnut-vuosikirja 2018: 56-67. |
| <b>Breeding long-term trend:</b> Finnish archipelago bird census (organized by Finnish Environment Institute SYKE, Metsähallitus and Natural Resources Institute Finland Luke) Below, A., Mikkola-Roos, M., Kurvinen, L. & Lehtikainen, A. 2019: Saaristolintukantojen kehitys vuosina 1980–2018. – Linnut-vuosikirja 2018: 56-67.  |

### France

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| <b>Breeding population size:</b> Deceuninck B., Nissa N. 2015. Chevalier gambette. in Issa N. & Muller Y. coord. (2015). Atlas des oiseaux de France Métropolitaine. nidification et présence hivernale., Delachaux et Niestlé 580-585 |
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### Georgia

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| <b>Breeding population size:</b> EBBA Georgia, prepared by Sabuko-Society for nature conservation, Ilia state university, NGO "psovi". |
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### Germany

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| <b>Breeding population size:</b> Monitoring seltener Brutvögel ( <a href="http://www.dda-web.de/index.php?cat=monitoring&amp;subcat=ga&amp;subsubcat=kontakt">http://www.dda-web.de/index.php?cat=monitoring&amp;subcat=ga&amp;subsubcat=kontakt</a> )  |
| <b>Breeding short-term trend:</b> Monitoring seltener Brutvögel ( <a href="http://www.dda-web.de/index.php?cat=monitoring&amp;subcat=ga&amp;subsubcat=kontakt">http://www.dda-web.de/index.php?cat=monitoring&amp;subcat=ga&amp;subsubcat=kontakt</a> ) |

## *Tringa totanus* (Common Redshank)

### Germany

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| <b>Breeding long-term trend:</b> Monitoring seltener Brutvögel ( <a href="http://www.dda-web.de/index.php?cat=monitoring&amp;subcat=ga&amp;subsubcat=kontakt">http://www.dda-web.de/index.php?cat=monitoring&amp;subcat=ga&amp;subsubcat=kontakt</a> ) |
| <b>Winter population size:</b> Dachverband Deutscher Avifaunisten e.V. ( <a href="http://www.dda-web.de">http://www.dda-web.de</a> )                                                                                                                   |
| <b>Winter short-term trend:</b> Dachverband Deutscher Avifaunisten e.V. ( <a href="http://www.dda-web.de">http://www.dda-web.de</a> )                                                                                                                  |
| <b>Winter long-term trend:</b> Dachverband Deutscher Avifaunisten e.V. ( <a href="http://www.dda-web.de">http://www.dda-web.de</a> )                                                                                                                   |

### Greece

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| <b>Breeding population size:</b> 1) BirdLife International (2004) Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 12). 2) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Λ., 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 ενδεδειγμένων μέτρων για τα είδη χαρακτηρισμού. 3) Natura Viewer ( <a href="http://natura2000.eea.europa.eu/#">http://natura2000.eea.europa.eu/#</a> ). 4) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος Β., Μπραζιιώτης Σ., Κόντος Κ., Βλαχάκη Δ., Δεδουσοπούλου Ε., Κιούσης Δ., Ξένος Α., Στεφάνου Λ.Μ., Κασάμπαλης Δ., και Μελικώκη Κ. (Συντονιστές έκδοσης). 2015. Γ' Φάση της Μελέτης 9 «Εποπτεία και Αξιολόγηση της Κατάστασης Διατήρησης Ειδών Ορνιθοπανίδας στην Ελλάδα» ΥΠΑΠΕΝ, Αθήνα, Σύμπραξη Γραφείων Μελετών «Φ.ΦΑΣΟΥΛΑΣ-Ν.ΜΑΝΤΖΙΟΣ» Ε.Ε. – ΡΟΔΟΥΛΑ ΚΩΝΣΤΑΝΤΙΝΙΔΟΥ ΤΟΥ ΓΕΩΡΓΙΟΥ – "ΑΘ.ΤΖΑΚΟΠΟΥΛΟΣ ΚΑΙ ΣΙΑ" Ε.Ε.», Θεσσαλονίκη.                                                                                             |
| <b>Breeding short-term trend:</b> 1) BirdLife International (2004) Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 12). 2) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Λ., 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 ενδεδειγμένων μέτρων για τα είδη χαρακτηρισμού. 3) Natura Viewer ( <a href="http://natura2000.eea.europa.eu/#">http://natura2000.eea.europa.eu/#</a> ). 4) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος Β., Μπραζιιώτης Σ., Κόντος Κ., Βλαχάκη Δ., Δεδουσοπούλου Ε., Κιούσης Δ., Ξένος Α., Στεφάνου Λ.Μ., Κασάμπαλης Δ., και Μελικώκη Κ. (Συντονιστές έκδοσης). 2015. Γ' Φάση της Μελέτης 9 «Εποπτεία και Αξιολόγηση της Κατάστασης Διατήρησης Ειδών Ορνιθοπανίδας στην Ελλάδα» ΥΠΑΠΕΝ, Αθήνα, Σύμπραξη Γραφείων Μελετών «Φ.ΦΑΣΟΥΛΑΣ-Ν.ΜΑΝΤΖΙΟΣ» Ε.Ε. – ΡΟΔΟΥΛΑ ΚΩΝΣΤΑΝΤΙΝΙΔΟΥ ΤΟΥ ΓΕΩΡΓΙΟΥ – "ΑΘ.ΤΖΑΚΟΠΟΥΛΟΣ ΚΑΙ ΣΙΑ" Ε.Ε.», Θεσσαλονίκη.                                                                                            |
| <b>Breeding long-term trend:</b> 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) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Λ., 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 ενδεδειγμένων μέτρων για τα είδη χαρακτηρισμού. 4) Natura Viewer ( <a href="http://natura2000.eea.europa.eu/#">http://natura2000.eea.europa.eu/#</a> ). 5) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος Β., Μπραζιιώτης Σ., Κόντος Κ., Βλαχάκη Δ., Δεδουσοπούλου Ε., Κιούσης Δ., Ξένος Α., Στεφάνου Λ.Μ., Κασάμπαλης Δ., και Μελικώκη Κ. (Συντονιστές έκδοσης). 2015. Γ' Φάση της Μελέτης 9 «Εποπτεία και Αξιολόγηση της Κατάστασης Διατήρησης Ειδών Ορνιθοπανίδας στην Ελλάδα» ΥΠΑΠΕΝ, Αθήνα, Σύμπραξη Γραφείων Μελετών «Φ.ΦΑΣΟΥΛΑΣ-Ν.ΜΑΝΤΖΙΟΣ» Ε.Ε. – ΡΟΔΟΥΛΑ ΚΩΝΣΤΑΝΤΙΝΙΔΟΥ ΤΟΥ ΓΕΩΡΓΙΟΥ – "ΑΘ.ΤΖΑΚΟΠΟΥΛΟΣ ΚΑΙ ΣΙΑ" Ε.Ε.», Θεσσαλονίκη. |
| <b>Winter population size:</b> 1) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Λ., 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 ενδεδειγμένων μέτρων για τα είδη χαρακτηρισμού. 2) Natura Viewer ( <a href="http://natura2000.eea.europa.eu/#">http://natura2000.eea.europa.eu/#</a> ) 3) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος Β., Μπραζιιώτης Σ., Κόντος Κ., Βλαχάκη Δ., Δεδουσοπούλου Ε., Κιούσης Δ., Ξένος Α., Στεφάνου Λ.Μ., Κασάμπαλης Δ., και Μελικώκη Κ. (Συντονιστές έκδοσης). 2015. Γ' Φάση της Μελέτης 9 «Εποπτεία και Αξιολόγηση της Κατάστασης Διατήρησης Ειδών Ορνιθοπανίδας στην Ελλάδα» ΥΠΑΠΕΝ, Αθήνα, Σύμπραξη Γραφείων Μελετών «Φ.ΦΑΣΟΥΛΑΣ-Ν.ΜΑΝΤΖΙΟΣ» Ε.Ε. – ΡΟΔΟΥΛΑ ΚΩΝΣΤΑΝΤΙΝΙΔΟΥ ΤΟΥ ΓΕΩΡΓΙΟΥ – "ΑΘ.ΤΖΑΚΟΠΟΥΛΟΣ ΚΑΙ ΣΙΑ" Ε.Ε.», Θεσσαλονίκη.                                                                                                                                                                                                                                                                                     |
| <b>Winter short-term trend:</b> no data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Winter long-term trend:</b> no data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

### Hungary

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| <b>Breeding population size:</b> KEHOP-4.3.0-15-2016-00001 project results, unpublished. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Breeding short-term trend:</b> <a href="http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Tringa_totanus.pdf">http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Tringa_totanus.pdf</a> National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Breeding long-term trend:</b> Haraszthy László (szerk.) (1984)- Magyarország madarai; 85-86 p. Tucker, G. M. – Heath, M. F. (1994): Birds in Europe – Their Conservation Status. Royal Society for the Protection of Birds, BirdLife International, 280-281 p. Magyar G., Haderics T., Waliczky Z., Schmidt A., Nagy T. & Bankovics A. (1998): Magyarország madarainak névjegyzéke. Madártani Intézet, Budapest, 71 p. Haraszthy László (1998, 2000) - Magyarország madarai; 162 p. Ecsedi Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy Természetvédelmi Egyesület, Winter Fair, Balmazújváros - Szeged. 2004. 315-317 p. BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series No.12.), 127 p. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. P. 121-122. KEHOP-4.3.0-15-2016-00001 project results, unpublished. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a> |

### Iceland

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| <b>Breeding population size:</b> Kristinn Haukur Skarphéðinsson, Borgný Katrínardóttir, Guðmundur A. Guðmundsson og Svenja N.V. Auhage 2016. Mikilvæg fuglasvæði á Íslandi. Fjölrit Náttúrufræðistofnunar Nr. 55. 295 s. rafræn útgáfa leiðrétt í nóvember 2017. <a href="http://utgafa.ni.is/fjolrit/Fjolrit_55.pdf">http://utgafa.ni.is/fjolrit/Fjolrit_55.pdf</a> . |
| <b>Winter population size:</b> Icelandic Institute of Natural History. Mid-winter bird counts, <a href="https://www.ni.is/greinar/vetrarfuglatalningar-nidurstodur">https://www.ni.is/greinar/vetrarfuglatalningar-nidurstodur</a> ; Icelandic Institute of Natural History, unpubl.data.                                                                              |
| <b>Winter short-term trend:</b> Icelandic Institute of Natural History. Mid-winter bird counts, <a href="https://www.ni.is/greinar/vetrarfuglatalningar-nidurstodur">https://www.ni.is/greinar/vetrarfuglatalningar-nidurstodur</a> ; Icelandic Institute of Natural History, unpubl.data.                                                                             |
| <b>Winter long-term trend:</b> Icelandic Institute of Natural History. Mid-winter bird counts, <a href="https://www.ni.is/greinar/vetrarfuglatalningar-nidurstodur">https://www.ni.is/greinar/vetrarfuglatalningar-nidurstodur</a> ; Icelandic Institute of Natural History, unpubl.data.                                                                              |

### Republic of Ireland

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| <b>Breeding population size:</b> A combination of unpublished data/reports from the National Parks and Wildlife Service (NPWS) and BirdWatch Ireland, plus expert opinion for a minority of sites. Full details with NPWS. |
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## *Tringa totanus* (Common Redshank)

### Republic of Ireland

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| <b>Breeding short-term trend:</b> Lauder and Donagh (2008) estimated 500 pairs on expert opinion and available data. Compared to latest population estimate as per Section 2. Lauder, C. & A. Donaghy 2008. Breeding Waders in Ireland 2008: A Review and Recommendations for Future Action. Unpublished report to the National Parks and Wildlife Service, Ireland. |
| <b>Breeding long-term trend:</b> Partridge, J.K. & K.W. Smith. (1992). Breeding wader populations in Northern Ireland, 1985-87. Irish Birds 4: 497–518. Gibbons, D.W., J.B. Reid & R.A. Chapman. (1993). The New Atlas of Breeding Birds in Britain and Ireland: 1988–1991. T & A.D. Poyser, London, UK.                                                             |
| <b>Winter population size:</b> Burke, B., Lewis, L. J., Fitzgerald, N., Frost, T., Austin, G. & Tierney, T. D. (2018) Estimates of waterbird numbers wintering in Ireland, 2011/12 – 2015/16. Irish Birds 11, 1-12.                                                                                                                                                  |
| <b>Winter short-term trend:</b> Lewis, L. J., Burke, B., Fitzgerald, N., Tierney, T. D. & Kelly, S. (2019) Irish Wetland Bird Survey: Waterbird Status and Distribution 2009/10-2015/16. Irish Wildlife Manuals, No. 106. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Ireland.                                           |
| <b>Winter long-term trend:</b> Lewis, L. J., Burke, B., Fitzgerald, N., Tierney, T. D. & Kelly, S. (2019) Irish Wetland Bird Survey: Waterbird Status and Distribution 2009/10-2015/16. Irish Wildlife Manuals, No. 106. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Ireland.                                            |

### Italy

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| <b>Breeding population size:</b> Brichetti P., Fracasso G., 2018. The Birds of Italy. Vol. I. Anatidae-Alcidae. Ed. Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.                                                          |
| <b>Breeding short-term trend:</b> Brichetti P., Fracasso G., 2018. The Birds of Italy. Vol. I. Anatidae-Alcidae. Ed. Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.                                                         |
| <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. |

### Kosovo

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| <b>Breeding population size:</b> Qenan Maxhuni                                                                                                            |
| <b>Breeding short-term trend:</b> Qenan Maxhuni                                                                                                           |
| <b>Breeding long-term trend:</b> Puzovic, S. et al. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12 |

### Latvia

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| <b>Breeding population size:</b> Unpublished data for European Breeding Bird Atlas (2013-2017); Expert: Andris Dekants, andris.dekants@lob.lv                                                                                                                       |
| <b>Breeding short-term trend:</b> Unpublished data for European Breeding Bird Atlas (2013-2017); Expert: Andris Dekants, andris.dekants@lob.lv                                                                                                                      |
| <b>Breeding long-term trend:</b> Strazds M., Priednieks J., Vaverins G. 1994. [Size of Latvian bird populations.] (in Latvian) In: Putni dabā, 4: 3–18 Unpublished data for European Breeding Bird Atlas (2013-2017); Expert: Andris Dekants, andris.dekants@lob.lv |

### Lithuania

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| <b>Breeding population size:</b> Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) 2015-2018. Lietuvos perinčių paukščių atlaso duomenų bazė (Lithuanian Breeding Birds Atlas Database). Vilnius. Ministry of Environment of the Republic of Lithuania. 2012. Status and trends of bird populations (Article 12, Birds Directive 2009/147/EC) National Summary 2008-2012 Lithuania. Ministry of Environment of the Republic of Lithuania. 2016-2018. Leidinio "Lietuvos raudonoji knyga" parengimo paslaugos (Red data book of Lithuania). (Agreement No VPS-2016-104-ES)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Breeding short-term trend:</b> 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. Raudonikis L. 2004. Lithuania. In: Birds in Europe: population estimates, trends, and conservation status. BirdLife International, BirdLife Conservation Series No12, Cambridge, UK. Rašomavičius, V. (red.) 2007. Lietuvos raudonoji knyga. Kaunas: „Lututė“, 800 p. (Red Data Book of Lithuania, 2007)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Breeding long-term trend:</b> Logminas, V. (ed.). 1991. Lietuvos fauna: paukščiai. Vilnius: „Mokslas“. Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“. 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). Raudonikis L. 2004. Important Bird Areas of the European Union Importance in Lithuania. Lithuanian Ornithological Society & Institute of Ecology of Vilnius University. Lututė, Vilnius. Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“. Ministry of Environment of the Republic of Lithuania. 2012. Status and trends of bird populations (Article 12, Birds Directive 2009/147/EC) National Summary 2008-2012 Lithuania. Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) 2015-2018. Lietuvos perinčių paukščių atlaso duomenų bazė (Lithuanian Breeding Birds Atlas Database). Vilnius. Ministry of Environment of the Republic of Lithuania. 2016-2018. Leidinio "Lietuvos raudonoji knyga" parengimo paslaugos (Red data book of Lithuania). (Agreement No VPS-2016-104-ES) |

### North Macedonia

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| <b>Breeding population size:</b> Matvejev, S. D., Vasić, V. (1973). Catalogus faunae Jugoslaviae: Aves. Academia Scientiarum et Artium Slovenica, Ljubljana; Veleviski, M., Vasić, V. (2017). Annotated check-list of the birds of the Republic of Macedonia. Acta Musei Macedonici Scientiarum Naturalium 20(1): 54–76; unpublished data from the European Breeding Bird Atlas 2 |
| <b>Breeding short-term trend:</b> unpublished data from the European Breeding Bird Atlas 2                                                                                                                                                                                                                                                                                        |

### Montenegro

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| <b>Breeding population size:</b> Saveljić, D (2014):Unpub.data                                              |
| <b>Winter population size:</b> IWC reports (2013-2018): Dubak, Vešović, N., Jovičević, M., Vizi O., Vizi,A. |

### Netherlands

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| <b>Breeding population size:</b> Sovon Bird atlas (Sovon 2018)                               |
| <b>Breeding short-term trend:</b> NEM (Sovon, RWS, CBS, provinces)                           |
| <b>Breeding long-term trend:</b> NEM (Sovon, RWS, CBS, provinces)                            |
| <b>Winter population size:</b> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)  |
| <b>Winter short-term trend:</b> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces) |
| <b>Winter long-term trend:</b> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)  |

## *Tringa totanus* (Common Redshank)

### Norway

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| <b>Breeding population size:</b> Shimmings P. & Øien, I.J. 2015. Bestandsestimer og trender for norske hekkefugler. NOF-rapport 2015-2.          |
| <b>Breeding short-term trend:</b> Terrestrial monitoring programme - extensive (TOV-e)                                                           |
| <b>Breeding long-term trend:</b> Shimmings, P. & Øien, I.J. 2015. Bestandsestimer og trender for norske hekkefugler. NOF Rapport 2-2015. 268 pp. |

### Poland

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| <b>Breeding population size:</b> Chodkiewicz T., Kuczyński L., Sikora A., Chylarecki P., Neubauer G., Ławicki Ł., Stawarczyk T. 2015. Ocena liczebności populacji ptaków lęgowych w Polsce w latach 2008–2012. Ornis Polonica 56: 149-189; Kasprzykowski Z., Dmoch A., Gołowski A., Kozik R., Mitrus C. 2017. Zmiany liczebności wybranych lęgowych gatunków wodno-błotnych w Dolinie Dolnej Narwi i Dolinie Dolnego Bugu. Ornis Polonica 58: 1-11; Winiński A., Mielczarek P. 2018. Awifauna lęgowa OSO Dolina Śródkowej Warty - stan współczesny i zmiany w latach 1975-2015. Ornis Polonica 59: 17-55; expert assessment |
| <b>Breeding short-term trend:</b> State Environmental Monitoring / Chief Inspectorate of Environmental Protection (survey: MPM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Breeding long-term trend:</b> Tucker G.M., Heath M.F. 1994. Birds in Europe: their conservation status. BirdLife International, Cambridge, UK.; BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status. BirdLife International, Cambridge, UK; To                                                                                                                                                                                                                                                                                                                            |

### Portugal

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| <b>Breeding population size:</b> eBird (2019). eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <a href="http://www.ebird.org/portugal/home">http://www.ebird.org/portugal/home</a> . (Accessed: October 22, 2018).                                                                  |
| <b>Breeding short-term trend:</b> eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <a href="http://www.ebird.org/po">http://www.ebird.org/po</a>                                                                                                                                     |
| <b>Winter population size:</b> Programa Nacional de Monitorização de Aves Aquáticas Invernantes                                                                                                                                                                                                                                                         |
| <b>Winter short-term trend:</b> Programa Nacional de Monitorização de Aves Aquáticas Invernantes                                                                                                                                                                                                                                                        |
| <b>Winter long-term trend:</b> Sousa J (2002b). Tendências populacionais de aves aquáticas. Relatório de estudo integrado no Projecto do Instituto da Conservação da Natureza "Livro Vermelho dos Vertebrados de Portugal - Revisão"/Programa Operacional do Ambiente, não publicado.; Programa Nacional de Monitorização de Aves Aquáticas Invernantes |

### Romania

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| <b>Breeding population size:</b> Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database  |
| <b>Breeding short-term trend:</b> Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database |
| <b>Breeding long-term trend:</b> Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database  |

### 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 |
| <b>Breeding short-term trend:</b> Red Data Book of Belgorod Region 2019; Kalyakin et al. 2019; Mischenko 2020                        |
| <b>Breeding long-term trend:</b> Belil et al. 2003; Mischenko & Sukhanova 2016; Mischenko 2020                                       |

### 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> 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 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. Karaska D., Trnka A., Krištin A., Ridzoň J.: Chránené vtácie územia Slovenska. ŠOP SR Banská Bystrica, 2015.                                                                                                              |
| <b>Breeding short-term trend:</b> Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018. Danko Štefan, Darolová Alžbeta, Krištin Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.                                                |
| <b>Breeding long-term trend:</b> Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018. Danko Štefan, Darolová Alžbeta, Krištin Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002. Ridzoň, J., Darolová, A. Karaska, D., Fulín, M. |

### Slovenia

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| <b>Breeding population size:</b> Denac, K., Mihelič, T., Mozetič, B. & Rakar, B. (2014): Spremljanje stanja avifaune v naravnem rezervatu Škočjanski zatok. Projekt AdriaWet 2000 »Jadranska mokrišča za omrežje Natura 2000« (OP Slovenija-Italija 2007-2013). Poročilo. – DOPPS, Ljubljana. Mihelič T., Kmecl P., Denac K., Koce U., Vrezec A., Denac D. (eds.) (2019): Atlas ptic Slovenije. Popis gnezdišč 2002–2017. – DOPPS, Ljubljana. Škornik I. (2019): Naravovarstveni monitoring Sečoveljskih solin 2018. SOLINE Pridelava soli d.o.o., Seča.                                                                                                 |
| <b>Breeding short-term trend:</b> Denac, K., T. Mihelič, L. Božič, P. Kmecl, T. Jančar, J. Figelj & B. Rubinič (2011): Strokovni predlog za revizijo posebnih območij varstva (SPA) z uporabo najnovejših kriterijev za določitev mednarodno pomembnih območij za ptice (IBA). Končno poročilo (dopolnjena verzija). Naročnik: Ministrstvo za okolje in prostor. DOPPS – BirdLife, Ljubljana. Mihelič T., Kmecl P., Denac K., Koce U., Vrezec A., Denac D. (eds.) (2019): Atlas ptic Slovenije. Popis gnezdišč 2002–2017. – DOPPS, Ljubljana. Škornik I. (2019): Naravovarstveni monitoring Sečoveljskih solin 2018. SOLINE Pridelava soli d.o.o., Seča. |

## *Tringa totanus* (Common Redshank)

### Slovenia

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| <p><b>Breeding long-term trend:</b> Birdlife International (2004): Birds in Europe: population estimates, trends and conservation status. BirdLife Conservation Series No. 12. – Birdlife International, Cambridge. Denac, K., T. Mihelič, L. Božič, P. Kmecl, T. Jančar, J. Figelj &amp; B. Rubinič (2011): Strokovni predlog za revizijo posebnih območij varstva (SPA) z uporabo najnovejših kriterijev za določitev mednarodno pomembnih območij za ptice (IBA). Končno poročilo (dopolnjena verzija). Naročnik: Ministrstvo za okolje in prostor. DOPPS – BirdLife, Ljubljana. Geister I. (1995): Ornitološki atlas Slovenije. Razširjenost gnezdišč. – DZS, Ljubljana. Mihelič T., Kmecl P., Denac K., Koce U., Vrezec A., Denac D. (eds.) (2019): Atlas ptic Slovenije. Popis gnezdišč 2002–2017. – DOPPS, Ljubljana. Polak S. (1993): Ptice gnezdišč Cerknškega jezera in okolice. – Acrocephalus 14 (56/57): 32–62. Škornik, I. (2012): Favnistični in ekološki pregled ptic Sečoveljskih solin. – Soline predelava soli, Seča. Škornik I. (2019): Naravovarstveni monitoring Sečoveljskih solin 2018. SOLINE Pridelava soli d.o.o., Seča.</p>                                                                                                                                                                                                                                    |
| <p><b>Winter population size:</b> Božič L. (2013): Rezultati januarskega štetja vodnih ptic leta 2013 v Sloveniji. – Acrocephalus 34 (156/157): 93–103. Božič L. (2014): Rezultati januarskega štetja vodnih ptic leta 2014 v Sloveniji. – Acrocephalus 35 (160/161): 73–83. Božič L. (2015): Rezultati januarskega štetja vodnih ptic leta 2015 v Sloveniji. – Acrocephalus 36 (164/165): 57–67. Božič L. (2016): Rezultati januarskega štetja vodnih ptic leta 2016 v Sloveniji. – Acrocephalus 37 (170/171): 209–219. Božič L. (2017): Rezultati januarskega štetja vodnih ptic leta 2017 v Sloveniji. – Acrocephalus 38 (174/175): 203–215. Božič L. (2018): Rezultati januarskega štetja vodnih ptic leta 2018 v Sloveniji. – Acrocephalus 39 (178/179): xx–xx.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <p><b>Winter short-term trend:</b> Božič L. (2007): Rezultati januarskega štetja vodnih ptic leta 2007 v Sloveniji. – Acrocephalus 28 (132): 23–31. Božič L. (2008a): Rezultati januarskega štetja vodnih ptic leta 2008 v Sloveniji. – Acrocephalus 29 (136): 39–49. Božič L. (2008b): Rezultati januarskega štetja vodnih ptic leta 2009 v Sloveniji. – Acrocephalus 29 (138/139): 169–179. Božič L. (2010): Rezultati januarskega štetja vodnih ptic leta 2010 v Sloveniji. – Acrocephalus 31 (145/146): 131–141. Božič L. (2011): Rezultati januarskega štetja vodnih ptic leta 2011 v Sloveniji. – Acrocephalus 32 (148/149): 67–77. Božič L. (2012): Rezultati januarskega štetja vodnih ptic leta 2012 v Sloveniji. – Acrocephalus 33 (152/153): 109–119. Božič, L. (2008): Monitoring populacij izbranih vrst ptic – Zimsko štetje vodnih ptic 2002–2008. Končno poročilo. – DOPPS, Maribor. Rubinič, B. &amp; Božič, L. (2009): Monitoring populacij izbranih vrst ptic. Rezultati zimskega štetja vodnih ptic 2009, rezultati popisov preleta ujed v jesenski sezoni 2008. 2. vmesno poročilo. – DOPPS, Ljubljana. Božič, L. (2010): Monitoring populacij izbranih ciljnih vrst ptic – Zimsko štetje vodnih ptic. Poročilo. – DOPPS, Ljubljana. Božič, L. (2011): Monitoring populacij izbranih ciljnih vrst ptic – Zimsko štetje vodnih ptic. Poročilo. – DOPPS, Ljubljana.</p> |
| <p><b>Winter long-term trend:</b> Birdlife International (2004): Birds in Europe: population estimates, trends and conservation status. BirdLife Conservation Series No. 12. – Birdlife International, Cambridge. Sovinc, A. (1994): Zimski ornitološki atlas Slovenije. – Tehniška založba Slovenije, Ljubljana.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

### Spain

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| <p><b>Breeding population size:</b> Martí, R. &amp; 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. (<a href="https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx</a>) Palomino, D. &amp; Molina, B. (Eds.) (2009). Aves acuáticas reproductoras en España. Población en 2007 y método de censo. SEO/BirdLife. Madrid. (<a href="https://www.seo.org/wp-content/uploads/2012/04/26_acuatrepcom.pdf">https://www.seo.org/wp-content/uploads/2012/04/26_acuatrepcom.pdf</a>)</p>                                                                                                                                                                                                                                                                                                                                               |
| <p><b>Breeding short-term trend:</b> Información proporcionada por las Comunidades Autónomas. Martí, R. &amp; 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. (<a href="https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx</a>) Palomino, D. &amp; Molina, B. (Eds.) (2009). Aves acuáticas reproductoras en España. Población en 2007 y método de censo. SEO/BirdLife. Madrid. (<a href="https://www.seo.org/wp-content/uploads/2012/04/26_acuatrepcom.pdf">https://www.seo.org/wp-content/uploads/2012/04/26_acuatrepcom.pdf</a>) SEO/BirdLife (2018). Censos de aves acuáticas. (<a href="http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx">http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx</a>)</p>                                |
| <p><b>Breeding long-term trend:</b> Información proporcionada por las Comunidades Autónomas. Martí, R. &amp; 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. (<a href="https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx</a>) Palomino, D. &amp; Molina, B. (Eds.) (2009). Aves acuáticas reproductoras en España. Población en 2007 y método de censo. Seguimiento de Aves 26. SEO/BirdLife. Madrid. 210 pp. (<a href="https://www.seo.org/wp-content/uploads/2012/04/26_acuatrepcom.pdf">https://www.seo.org/wp-content/uploads/2012/04/26_acuatrepcom.pdf</a>) SEO/BirdLife (2018). Censos de aves acuáticas. (<a href="http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx">http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx</a>)</p> |
| <p><b>Winter population size:</b> Información proporcionada por las Comunidades Autónomas. SEO/BirdLife (2012). Atlas de las aves en invierno en España 2007-2010. Ministerio de Agricultura, Alimentación y Medio Ambiente-SEO/BirdLife. Madrid. 817 pp. (<a href="https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/atlas_aves_invierno_tcm30-198034.pdf">https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/atlas_aves_invierno_tcm30-198034.pdf</a>) SEO/BirdLife (2018). Censos de aves acuáticas. (<a href="http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx">http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx</a>)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p><b>Winter short-term trend:</b> Información proporcionada por las Comunidades Autónomas. SEO/BirdLife (2018). Censos de aves acuáticas. (<a href="http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx">http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx</a>) SEO/BirdLife (2019). Programas de seguimiento y grupos de trabajo de SEO/BirdLife 2018. SEO/BirdLife. Madrid. (<a href="https://doi.org/10.31170/0073">https://doi.org/10.31170/0073</a>)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p><b>Winter long-term trend:</b> González, R. &amp; Pérez-Aranda, D. (2011). Las aves acuáticas en España, 1980-2009. SEO/BirdLife, Madrid, 338 pp. Información proporcionada por las Comunidades Autónomas. SEO/BirdLife (2018). Censos de aves acuáticas. (<a href="http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx">http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx</a>) SEO/BirdLife (2019). Programas de seguimiento y grupos de trabajo de SEO/BirdLife 2018. SEO/BirdLife. Madrid. (<a href="https://doi.org/10.31170/0073">https://doi.org/10.31170/0073</a>)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

### Sweden

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| <p><b>Breeding population size:</b> Ottosson, U., Ottvall, R., Elmqvist, J., Green, M., Gustafsson, R., Haas, F., Holmqvist, N., Lindström, Å., Nilsson, L., Svensson, M., Svensson, S. &amp; Tjernberg, M. 2012. Fåglarna i Sverige – antal och förekomst. SOF, Halmstad. Swedish Bird Survey. BirdLife Sverige, Annual Bird reports.</p> |
| <p><b>Breeding short-term trend:</b> Svensk fågeltaxering - Swedish Bird Survey</p>                                                                                                                                                                                                                                                        |
| <p><b>Breeding long-term trend:</b> Svensk fågeltaxering - Swedish Bird Survey</p>                                                                                                                                                                                                                                                         |

### Turkey

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| <p><b>Breeding population size:</b> personal communication (2019), Eken G., Bozdoğan M., İsfendiyaçoğlu S., Kılıç D.T., Lise Y. (2006) Türkiye'nin Önemli Doğa Alanları. Doğa Derneği, Ankara. Birdlife International (2004) Birds in Europe: population estimates, trends and conservation status, Cambridge UK: Birdlife International (Birdlife Conservation series no: 12) Kusbank Bird Database (Ebird) Kirwan G.M., Boyle K. A., Castell P., Demirci B., Özen M., Welch H., Marlow T., 2008, Birds of Turkey. Londra, Christopher Helm, 978-1-4081-0475-, Kılıç DT, Eken G. 2004. Türkiye'nin önemli kus alanları—2004 güncellemesi (Important bird areas in Turkey—2004 update). Ankara: Doga Derneği.</p> |
| <p><b>Winter population size:</b> Ebird Database and Midwinter Fowl Counts (2013-2018), Birdlife Estimate</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p><b>Winter short-term trend:</b> Midwinter bird counts 2012-2019</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p><b>Winter long-term trend:</b> Midwinter bird counts 1980-2019 and Historical Records come from OSME and other midwinter counts</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## *Tringa totanus* (Common Redshank)

### Ukraine

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| <b>Breeding population size:</b> Струс, Ю. М., Шидловський, І. В. and Горбань, І. М. (2018) 'Лучні кулики в басейні верхньої Прип'яті: просторове розміщення і динаміка чисельності', Бранта, 21, pp. 53–72. Available at: <a href="https://branta.org.ua/branta-pdf/21/05_strus.pdf">https://branta.org.ua/branta-pdf/21/05_strus.pdf</a> .                                                                                                                             |
| <b>Breeding long-term trend:</b> Струс, Ю. М., Шидловський, І. В. and Горбань, І. М. (2018) 'Лучні кулики в басейні верхньої Прип'яті: просторове розміщення і динаміка чисельності', Бранта, 21, pp. 53–72. Available at: <a href="https://branta.org.ua/branta-pdf/21/05_strus.pdf">https://branta.org.ua/branta-pdf/21/05_strus.pdf</a> .                                                                                                                             |
| <b>Winter population size:</b> Redinov, K.A., Petrovych, Z.O. 2016. Winter records of waders on Kinburnsky peninsula and in adjacent areas of Mykolaiv region. In Chernichko I.I., Mel'nikov V.N. (Eds.). 2016. Issues of Wader Ecology, Migration and Conservation in Northern Eurasia: Materials of the 10th Jubilee Conference of the Working Group on Waders of Northern Eurasia, Ivanovo, 3–6 February 2016. Ivanovo State University, Ivanovo: 314-324 (in Russ.). |

### United Kingdom

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| <b>Breeding population size:</b> Baseline = O'Brien, M. 2004. Estimating the number of farmland waders breeding in the United Kingdom. International Wader Studies 14: 135-139. Colhoun, K., Mawhinney, K. & Peach, W.J. 2015. Population estimates and changes in abundance of breeding waders in Northern Ireland up to 2013. Bird Study 62: 394-403. doi: 10.1080/00063657.2015.1058746 Extrapolated using BBS monitoring trend from 1997 in GB. NI estimate based on contemporary survey data in 2013 NI estimate = 119 |
| <b>Breeding short-term trend:</b> BTO/JNCC/RSPB Breeding Bird Survey data: Harris, S.J., Massimino, D., Gillings, S., Eaton, M.A., Noble, D.G., Balmer, D.E., Procter, D., PearceHiggins, J.W. & Woodcock, P. 2018. The Breeding Bird Survey 2017. BTO Research Report 706 British Trust for Ornithology, Thetford. <a href="https://www.bto.org/sites/default/files/bbs-report-2017.pdf">https://www.bto.org/sites/default/files/bbs-report-2017.pdf</a>                                                                   |
| <b>Breeding long-term trend:</b> BTO Waterways Bird Survey/Waterways Breeding Bird Survey <a href="https://www.bto.org/about-birds/birdtrends/2018">https://www.bto.org/about-birds/birdtrends/2018</a>                                                                                                                                                                                                                                                                                                                     |
| <b>Winter population size:</b> Frost, T.M., Austin, G.E., Hearn, R.D., McAvoy, S.G., Robinson, A., Stroud, D.A., Woodward, I.D. & Wotton, S.R. 2019. Population estimates of wintering waterbirds in Great Britain. British Birds 112: 130-145. 112: 130-145. Burke, B., Lewis, L.J., Frost, T., Austin, G. & Tierney, T.D. 2019. Estimates of waterbird numbers wintering in Ireland, 2011/12 - 2015/16. Irish Birds in press.                                                                                             |
| <b>Winter short-term trend:</b> Frost, T.M., Austin, G.E., Calbrade, N.A., Mellan, H.J., Hearn, R.D., Stroud, D.A., Wotton, S.R. & Balmer, D.E. (2018). Waterbirds in the UK 2016/17: The Wetland Bird Survey. BTO, RSPB and JNCC, in association with WWT. British Trust for Ornithology, Thetford. 40 pp.                                                                                                                                                                                                                 |
| <b>Winter long-term trend:</b> Frost, T.M., Austin, G.E., Calbrade, N.A., Mellan, H.J., Hearn, R.D., Stroud, D.A., Wotton, S.R. & Balmer, D.E. (2018). Waterbirds in the UK 2016/17: The Wetland Bird Survey. BTO, RSPB and JNCC, in association with WWT. British Trust for Ornithology, Thetford. 40 pp.                                                                                                                                                                                                                  |

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