



THE IUCN RED LIST
OF THREATENED SPECIES™



***Himantopus himantopus* (Black-winged Stilt)**

European Red List of Birds

Supplementary Material

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

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Species factsheet bibliography

Recommended citation

BirdLife International (2021) European Red List of Birds. Luxembourg: Publications Office of the European Union.

Further information

<http://datazone.birdlife.org/info/euroredlist>
<http://www.birdlife.org/europe-and-central-asia/european-red-list-birds-0>
<http://www.iucnredlist.org/regions/europe>
<http://ec.europa.eu/environment/nature/conservation/species/redlist/>

Data requests and feedback

To request access to these data in electronic format, provide new information, correct any errors or provide feedback, please email science@birdlife.org.

Himantopus himantopus (Black-winged Stilt)

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

| Country (or territory) ² | Population estimate | | | | Short-term population trend ⁵ | | | | Long-term population trend ⁵ | | | | Subspecific population (where relevant) |
|-------------------------------------|---------------------------|------------|-----------|---------------------|--|----------------------------|-----------|---------------------|---|----------------------------|-----------|---------------------|---|
| | Size (pairs) ³ | Europe (%) | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | |
| Albania | 80–170 | <1 | 2007-2018 | complete | - | -20 to -17 | 2007-2018 | complete | - | -34 to 60 | 1980-2018 | expert | |
| Armenia | 110–170 | <1 | 2013-2018 | complete | 0 | | 2007-2018 | | 0 | | 2003-2018 | partial | |
| Austria | 60–210 | <1 | 2013-2018 | complete | + | | 2007-2018 | complete | + | | 1991-2018 | complete | |
| Azerbaijan | 1000–5000 | 3 | 1996-2019 | expert | 0 | | 2013-2019 | expert | ? | | 1980-2019 | expert | |
| Belarus | 5–20 | <1 | 2010-2018 | partial | + | 20 to 50 | 2012-2019 | expert | ? | | 1980-2019 | deficient | |
| Belgium | 12–27 | <1 | 2013-2018 | complete | + | 380 to 980 | 2008-2018 | complete | + | 2300 to 5300 | 1973-2018 | partial | |
| Bosnia & HG | 20–40 | <1 | 2015-2018 | complete | + | | 2007-2018 | complete | + | | 1980-2018 | deficient | |
| Bulgaria | 300–450 | <1 | 2013-2018 | partial | 0 | 0 | 2001-2018 | expert | 0 | 0 | 1980-2018 | expert | |
| Croatia | 100–150 | <1 | 2013-2018 | complete | + | | 2007-2018 | complete | + | | 1995-2018 | expert | |
| Cyprus | 50–200 | <1 | 2013-2018 | partial | 0 | 0 | 2007-2018 | partial | + | 100 to 200 | 1980-2018 | partial | |
| Czechia | 10–18 | <1 | 2014-2017 | complete | + | | 2001-2017 | complete | + | | 1980-2019 | complete | |
| France | 2600–3700 | 4 | 2010-2011 | complete | ? | | 2007-2018 | deficient | ? | | 1980-2018 | deficient | |
| Georgia | 200–2100 | <1 | 2013-2017 | partial | ? | | | deficient | ? | | | | |
| Germany | 3–7 | <1 | 2011-2016 | expert | ? | | 2004-2016 | deficient | ? | | 1980-2016 | deficient | |
| Greece | 1300–2500 | 2 | 2013-2018 | partial | 0 | | 2007-2018 | partial | F | | 1980-2018 | partial | |
| Hungary | 590–680 | <1 | 2015-2017 | complete | F | | 2007-2018 | complete | + | 2150 to 2260 | 1980-2017 | partial | |
| Italy | 3400–5500 | 6 | 2013-2018 | expert | ? | | 2007-2018 | deficient | + | 135 to 235 | 1993-2018 | expert | |
| Lithuania | 0–3 | <1 | 2013-2018 | expert | 0 | | 2013-2018 | partial | 0 | | 1980-2018 | partial | |
| North Macedonia | 0–10 | <1 | 2014-2019 | expert | 0 | | 2007-2018 | expert | ? | | 1980-2019 | | |
| Malta | 3–6 | <1 | 2017-2018 | complete | + | | 2011-2018 | complete | + | | 1980-2018 | complete | |
| Moldova | 300–420 | <1 | 2014-2017 | partial | + | | 2007-2018 | partial | 0 | | 1990-2018 | expert | |
| Montenegro | 45–130 | <1 | 2013-2018 | complete | + | | 2007-2018 | expert | ? | | | | |
| Netherlands | 5–60 | <1 | 2013-2017 | complete | + | 533 to 3362 | 2006-2017 | complete | + | 537 to 3771 | 1980-2017 | complete | |
| Poland | 0–7 | <1 | 2013-2018 | complete | F | | 2007-2018 | complete | F | | 1980-2018 | complete | |
| Portugal | 2000–5000 | 4 | 2013-2018 | partial | + | | 2007-2018 | partial | + | | 1980-2018 | partial | |
| Romania | 1400–14000 | 6 | 2013-2018 | expert | ? | | 2007-2018 | deficient | + | 10 to 50 | 1980-2018 | expert | |
| Russia | 18000–26000 | 27 | 2008-2018 | partial | + | 20 to 29 | 2008-2018 | partial | F | | 1980-2018 | partial | |
| Serbia | 280–540 | <1 | 2013-2018 | partial | F | 0 | 2007-2018 | complete | + | 30 to 49 | 1980-2018 | complete | |
| Slovakia | 0–15 | <1 | 2013-2018 | partial | F | | 2007-2018 | expert | F | | 1980-2018 | expert | |
| Slovenia | 60–100 | <1 | 2013-2018 | complete | ? | | 2007-2018 | complete | + | 6000 to 10000 | 1980-2018 | complete | |
| Spain | 12700–56000 | 34 | 2007-2018 | partial | + | | 2007-2018 | partial | + | | 1980-2018 | partial | |
| ES: Canary Is | 46 | <1 | 2018 | complete | F | | 2007-2018 | partial | + | | 1980-2018 | partial | |

Himantopus himantopus (Black-winged Stilt)

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

| Country (or territory) ² | Population estimate | | | | Short-term population trend ⁵ | | | | Long-term population trend ⁵ | | | | Subspecific population (where relevant) |
|-------------------------------------|---------------------------|------------|-----------|---------------------|--|----------------------------|-----------|---------------------|---|----------------------------|-----------|---------------------|---|
| | Size (pairs) ³ | Europe (%) | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | |
| Turkey | 3000–6000 | 5 | 2002-2012 | expert | ? | | 2008-2019 | deficient | ? | | 1980-2013 | deficient | |
| Ukraine | 3000–5000 | 5 | 2014-2018 | partial | F | 10 to 20 | 2007-2018 | partial | F | 10 to 30 | 1980-2018 | expert | |
| United Kingdom | 2 | <1 | 2016 | complete | + | | 2001-2016 | complete | + | | 1978-2016 | complete | |
| EU28 | 24700–88600 | 57 | | | | | | | | | | | |
| Europe | 50700–135000 | 100 | | | | | | | | | | | |

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

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

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

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

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

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

⁷ Trend magnitudes are rounded to the nearest integer.

Himantopus himantopus (Black-winged Stilt)

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

| Country (or territory) ² | Population estimate | | | | Short-term population trend ⁵ | | | | Long-term population trend ⁵ | | | | Subspecific population (where relevant) |
|-------------------------------------|---------------------------------|------------|-----------|---------------------|--|----------------------------|-----------|---------------------|---|----------------------------|-----------|---------------------|---|
| | Size (individuals) ³ | Europe (%) | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | Direction ⁶ | Magnitude (%) ⁷ | Year(s) | Method ⁴ | |
| Portugal | 830–2000 | 11 | 2013-2018 | complete | ? | -23 to 18 | 2007-2018 | complete | ? | | 1988-2018 | partial | |
| Spain | 8900–13900 | 89 | 2013-2018 | complete | + | 1 to 3 | 2007-2018 | complete | + | | 1980-2018 | complete | |
| EU28 | 9700–15900 | 100 | | | | | | | | | | | |
| Europe | 9700–15900 | 100 | | | | | | | | | | | |

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

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

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

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

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

⁷ Trend magnitudes are rounded to the nearest integer.

Trend maps

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

KEY

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

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

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

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

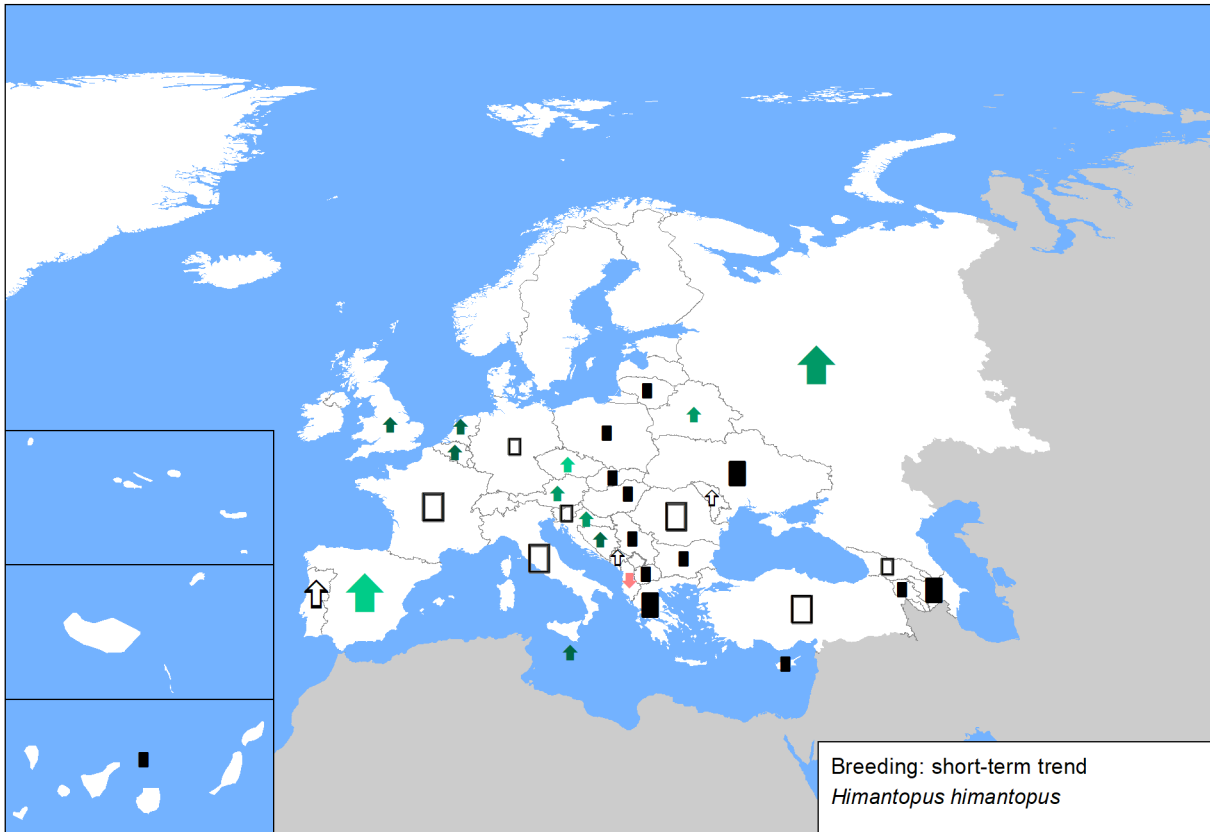


Figure 2. Breeding population sizes and long-term trends across Europe.

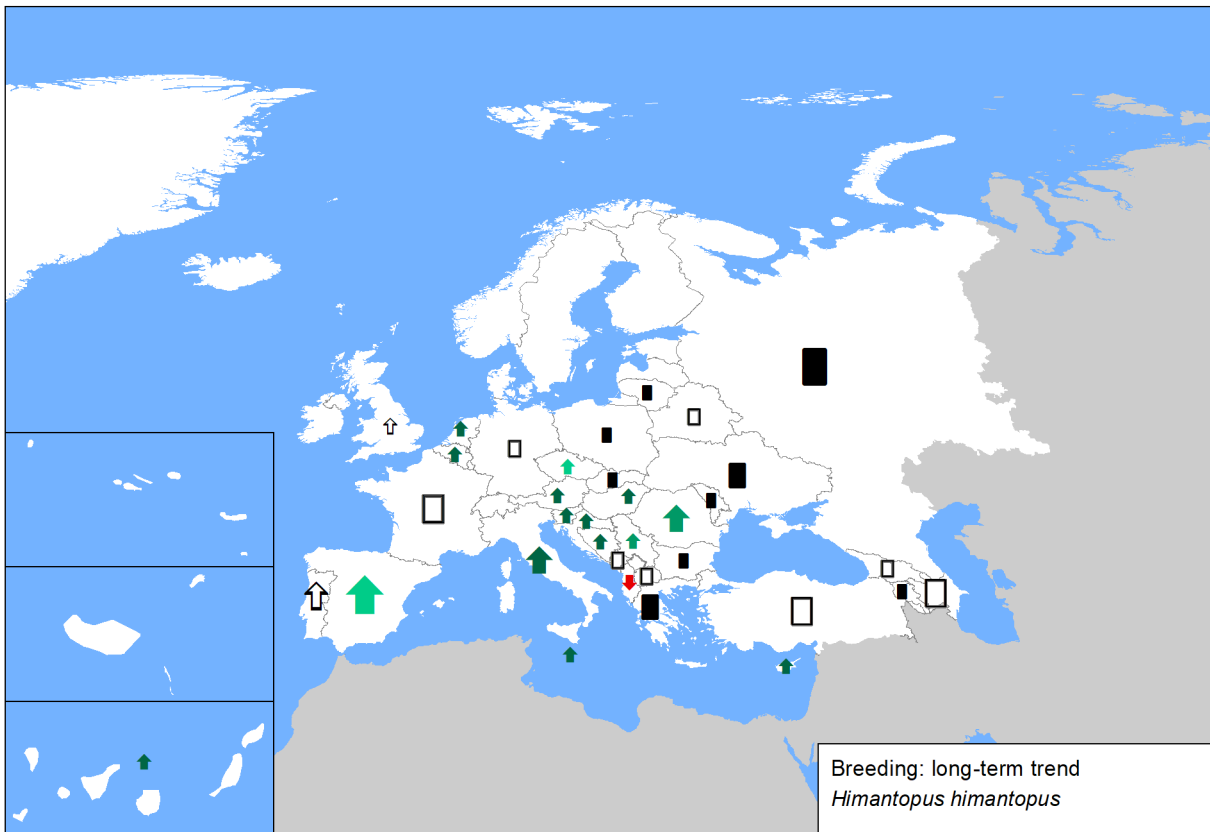


Figure 3. Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.

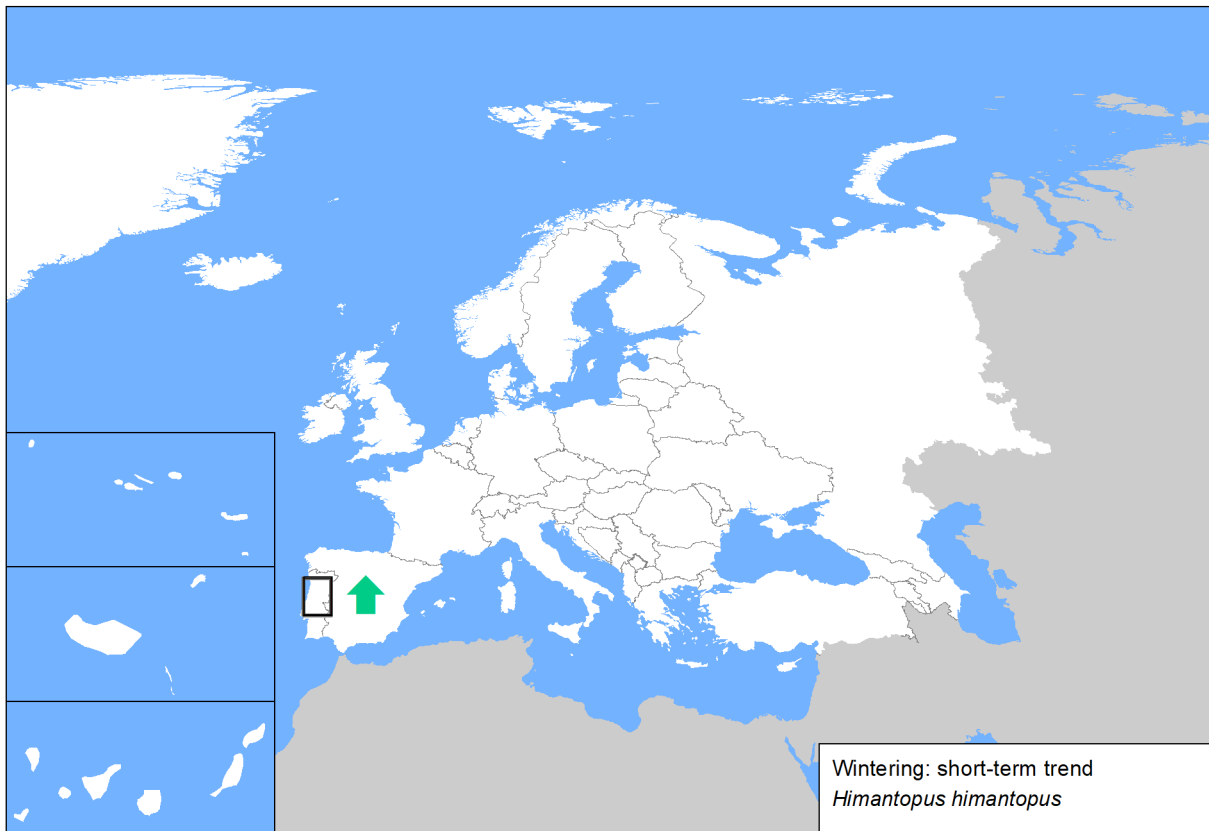
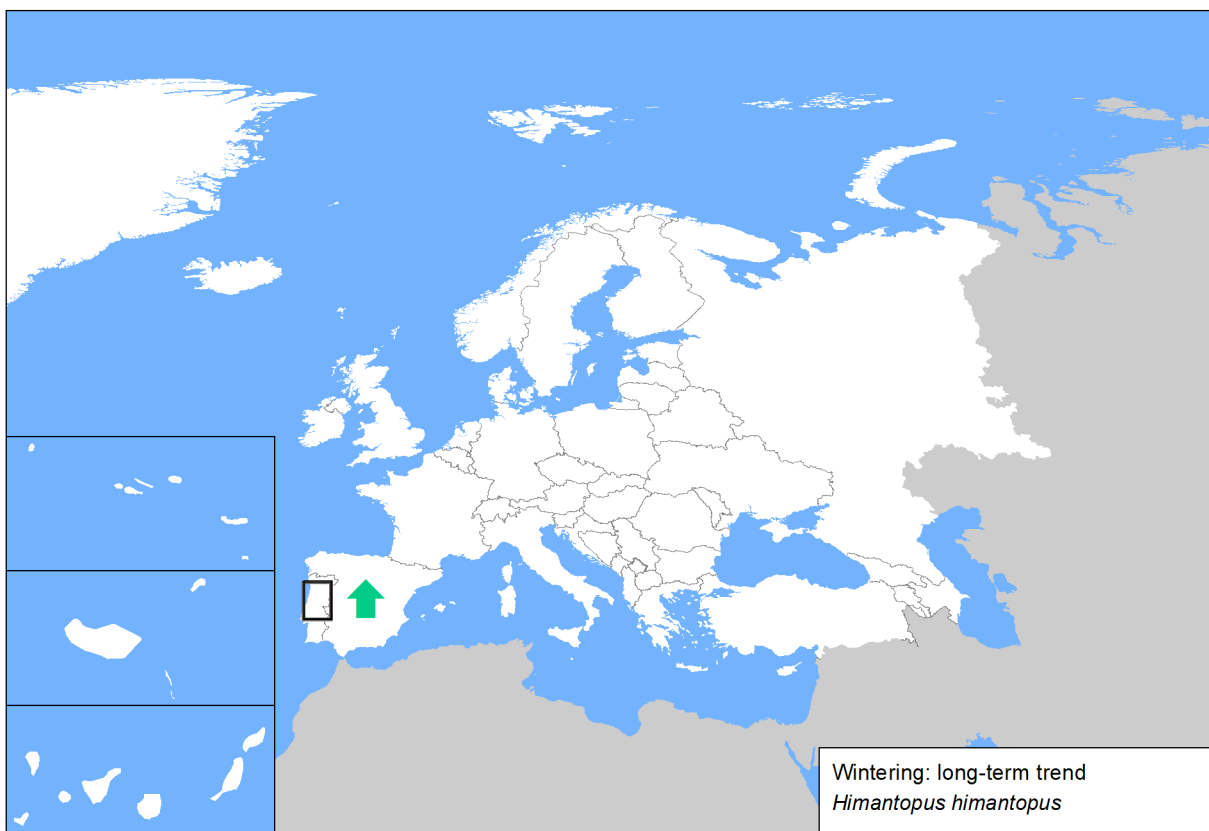


Figure 4. Reported wintering population sizes and long-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



Himantopus himantopus (Black-winged Stilt)

Sources

Albania

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

Armenia

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

Austria

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| Breeding population size: Laber & Pellingner 2016; Johannes Laber, unpublished data from the bird monitoring program of the national park Neusiedler See-Seewinkel; BirdLife Austria, unpublished data from www.ornitho.at |
| Breeding short-term trend: Laber & Pellingner 2014; Johannes Laber, unpublished data from the bird monitoring program of the national park Neusiedler See-Seewinkel |
| Breeding long-term trend: Laber & Pellingner 2016) |

Azerbaijan

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

Belarus

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

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| Breeding population size: 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. |
| Breeding short-term trend: 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. |
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Bosnia and Herzegovina

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

Bulgaria

| |
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| Breeding population size: DALAKCHIEVA, S. Black-winged Stilt <i>Himantopus himantopus</i> . Red Data Book of Bulgaria. e-version: http://e-ecodb.bas.bg/rdb/en/vol2/Hihimant.html last access: August 2013; National Art. 12 reporting database 2013-2018; IANKOV, P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. BSPB Conservation Series, Book 10. Sofia. 679 pp. NANKINOV, D., A. DUTSOV, B. NIKOLOV, B. BORISSOV, G. STOYANOV, G. GRADEV, D. GEORGIEV, D. POPOV, D. DOMUSCHIEV, D. KIROV, E. TILOVA, I. NIKOLOV, I. IVANOV, K. DICHEV, K. POPOV, N. KARAIVANOV, N. TODOROV, P. SHURULINKOV, R. STANCHEV, R. ALEKSOV, R. TSONEV, S. DALAKTCHIEVA, S. IVANOV, S. MARIN, S. STAJKOV, S. NIKOLOV & H. NIKOLOV. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 pp. |
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| Breeding long-term trend: DALAKCHIEVA, S. Black-winged Stilt <i>Himantopus himantopus</i> . Red Data Book of Bulgaria. e-version: http://e-ecodb.bas.bg/rdb/en/vol2/Hihimant.html last access: August 2013; IANKOV, P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. BSPB Conservation Series, Book 10. Sofia. 679 pp. NANKINOV, D., A. DUTSOV, B. NIKOLOV, B. BORISSOV, G. STOYANOV, G. GRADEV, D. GEORGIEV, D. POPOV, D. DOMUSCHIEV, D. KIROV, E. TILOVA, I. NIKOLOV, I. IVANOV, K. DICHEV, K. POPOV, N. KARAIVANOV, N. TODOROV, P. SHURULINKOV, R. STANCHEV, R. ALEKSOV, R. TSONEV, S. DALAKTCHIEVA, S. IVANOV, S. MARIN, S. STAJKOV, S. NIKOLOV & H. NIKOLOV. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 pp. NANKINOV, D., S. SIMEONOV, T. MICHEV, B. IVANOV. 1997. The Fauna of Bulgaria. Vol. 26. AVES. Part II. BAS Press, Pensoft. Sofia. 428 pp. |

Himantopus himantopus (Black-winged Stilt)

Croatia

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Breeding short-term trend: Dumbović Mazal V., Pintar V., Zadravec M. (2019): Prvo izvješće o brojnosti i rasprostranjenosti ptica u Hrvatskoj sukladno odredbama Direktive o pticama.

Breeding long-term trend: Dumbović Mazal V., Pintar V., Zadravec 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.

Cyprus

Breeding population size: Systematic monthly waterbird counts by BirdLife Cyprus as published in BirdLife Cyprus monthly checklists; Birdwatching records as reported in BirdLife Cyprus annual reports; Important Bird Areas of Cyprus, BirdLife Cyprus 2014; Game & Fauna Service, SPAs Management Plans, 2016 (Ministry of the Interior)

Breeding short-term trend: Systematic monthly waterbird counts by BirdLife Cyprus as published in BirdLife Cyprus monthly checklists; Birdwatching records as reported in BirdLife Cyprus annual reports

Breeding long-term trend: Analysis of BirdLife Cyprus bird sightings records reported in the society's annual reports; Flint & Stewart BOU Checklist no.6 (1992) The Birds of Cyprus

Czechia

Breeding population size: Šťastný et Bejček in prep. - Atlas hnízdního rozšíření ptáků ČR 2014-2017

Breeding short-term trend: The precise number is unknown. Trends in waterbird breeding population size were estimated using changes in population data from nation-wide numbers project of "Atlas of Breeding Bird Distribution" carried out in whole Czech Republic in 2001 -2003 and 2014 - 2017. Range of relative change in breeding population size was used as the measurement of population trend. The values of relative rate of change were compared with data from annual monitoring (census in May - see Musil & Fuchs 1994, Musil et al. 2001, Čehovská et al. 2019 for the methods) on limited amount of sites (fishpond regions in south and central Bohemia - see Musil & Fuchs 1994). Čehovská M., Musil P., Musilová Z., Poláková, K. & Zouhar J. 2019: Diving duck census efficiency based on monitoring of individually marked females: the influence of breeding stage of individual females and timing of census. Bird Study in press. Musil P., Cepák J., Hudec K. & Zárbybnický J. 2001. The long-term trends in the breeding waterfowl populations in the Czech Republic. OMPO, Institute of Applied Ecology, Kostelec nad Černými lesy. Musil P. & Fuchs R. 1994: Changes in abundance of water birds species in southern Bohemia (Czech Republic) in the last 10 years. Development in Hydrobiology. In: Kerekes J. J. [ed.]: Aquatic Birds in Trophic Web of Lakes. Hydrobiologia 279/280: 511-519.

Breeding long-term trend: The precise number is unknown. Šťastný et al. 2006

France

Breeding population size: Issa N. 2012. Limicoles nicheurs en France. Enquête 2010-2011. , LPO, Rochefort41 p.

Breeding short-term trend: Issa N. 2012. Limicoles nicheurs en France. Enquête 2010-2011. , LPO - ONCFS, Rochefort41

Breeding long-term trend: Dubois P.-J., Mahéo R. 1986. Limicoles nicheurs de France 1986. , LPO/BIROE, Paris291 p. ; Issa N. 2012. Limicoles nicheurs en France. Enquête 2010-2011. , LPO, Rochefort41 p. ; Deceuninck B. 2001. Breeding waders in France: populations, trends and distributions. Wader Study Group Bulletin 95, 45-50

Georgia

Breeding population size: EBBA Georgia, prepared by Sabuko-Society for nature conservation, Iliia state university, NGO "psovi".

Germany

Breeding population size: Gerlach et al. (in Vorb.): Vögel in Deutschland – 2019. Dachverband Deutscher Avifaunisten, Bundesamt für Naturschutz und Länderarbeitsgemeinschaft der Vogelschutzwarten, Münster.

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Greece

Breeding population size: Portolou, D., Bourdakis, S., Vlachos, C., Kastritis, T., and Dimalexis. T. (eds.) 2009. Important Bird Areas of Greece: Priority sites for conservation. Hellenic Ornithological Society. Athens. Dimalexis, T., Bousbouras, D., Kastritis, T., Manolopoulos, A. & Saravia, V. (eds.) 2009. Evaluation of 69 Important Bird Areas as Special Protection Areas. Hellenic Ministry for the Environment, Physical Planning and Public Works, Athens. Hellenic Ornithological Society database

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

Breeding long-term trend: Handrinos, G. & Akriotis, T. 1997. The Birds of Greece. Helm.

Hungary

Breeding population size: Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértes Közalapítvány, Csákvár. p. 587-589. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <http://map.mme.hu/maps/map2>

Breeding short-term trend: Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértes Közalapítvány, Csákvár. p. 587-589. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <http://map.mme.hu/maps/map2>

Breeding long-term trend: Haraszthy L. (szerk.) (1984): Magyarország fészkelő madarai. Natura, Budapest. 247 p. ifj. Oláh J., Pigniczki Cs., Nagy T. (2003): A gólyatölcs (Himantopus himantopus) állományának alakulása Magyarországon és a 2000. évi fészkelési invázió. Population changes of Black-winged Stilts (Himantopus himantopus) in Hungary and their breeding influx in 2000. Aquila 109-110, p. 61-79. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. 278 p. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <http://map.mme.hu/maps/map2>

Himantopus himantopus (Black-winged Stilt)

Italy

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Breeding short-term trend: No recent data available

Breeding long-term trend: Brichetti P., Meschini E., 1993. Stima delle popolazioni di uccelli nidificanti. In Meschini E., Frugis S., 1993. Atlante degli uccelli nidificanti in Italia. Suppl. Ric. Biol. Selvaggina, 20, 1-345.

Lithuania

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North Macedonia

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

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

Malta

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

Breeding short-term trend: Malta Breeding Bird Atlas (2018) in preparation, (included a complete breeding bird population census in Malta together with a wintering bird census in 2017-2018) Birdlife Malta (Unpublished data)

Breeding long-term trend: Malta Breeding Bird Atlas (2018) in preparation, (included a complete breeding bird population census in Malta together with a wintering bird census in 2017-2018) Birdlife Malta (Unpublished data)

Moldova

Breeding population size: Moldova's contribution for the second European Breeding Bird Atlas (EBBA2)

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

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

Montenegro

Breeding population size: Rubinić, B., Sackl, P. & Gramatikov, M. (2019): Conserving of wild birds in Montenegro. The first inventory of potential Special Protection Areas in Montenegro. Aam Consulting. Budapest xiii + 328 pp.

Netherlands

Breeding population size: Sovon NEM (Sovon, CBS and provinces) and Bird atlas (Sovon 2018)

Breeding short-term trend: NEM (Sovon, RWS, CBS, provinces)

Breeding long-term trend: Sovon

Poland

Breeding population size: The Polish Avifaunistic Commission <http://komisjafaunistyczna.pl/>

Breeding short-term trend: Stawarczyk T., Cofta T., Kajzer Z., Lontkowski J., Sikora A. 2017. Rzadkie Ptaki Polski. Studio B&W Wojciech Janecki, Sosnowiec; The Polish Avifaunistic Commission <http://komisjafaunistyczna.pl/>

Breeding long-term trend: Stawarczyk T., Cofta T., Kajzer Z., Lontkowski J., Sikora A. 2017. Rzadkie Ptaki Polski. Studio B&W Wojciech Janecki, Sosnowiec

Portugal

Breeding population size: eBird (2019). eBird: An online database of bird distribution and abundance [web application]. eBird, Ithaca, New York. Available: <http://www.ebird.org/portugal/home>. (Accessed: October 22, 2018).

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Winter population size: Programa Nacional de Monitorização de Aves Aquáticas Invernantes

Winter short-term trend: Programa Nacional de Monitorização de Aves Aquáticas Invernantes

Winter long-term trend: 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

Himantopus himantopus (Black-winged Stilt)

Romania

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

Russia

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| Breeding population size: Voltzit & Kalyakin 2013-2019; Database of the project on Atlas of breeding birds of European Russia |
| Breeding short-term trend: Belik 204; in press; Sarychev unpublished; Sokolov 2014; Sokolov et al. 2016 |
| Breeding long-term trend: Belik 2001; Belik et al. 2003; Zakoldaeva & Fionina 2012 |

Serbia

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| Breeding population size: 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. |
| Breeding short-term trend: 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. |
| Breeding long-term trend: 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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| Breeding population size: Coordinatory group for reporting 2019. Krištín in litt. |
| Breeding short-term trend: Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018. Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002. Krištín in litt. |
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Spain

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| Breeding short-term trend: Database of the 'Atlas de las aves reproductoras de España'. Updated version 2011 with data from SEO/BirdLife's monitoring programmes. In: Inventario Español de Especies Terrestres, Inventario Español del Patrimonio Natural y de la Biodiversidad. Ministerio de Agricultura, Alimentación y Medio Ambiente (2013). (https://www.miteco.gob.es/fr/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/ieet_aves_sist_seg_tendencia_comunes_esp.aspx) Información proporcionada por las Comunidades Autónomas. Martí, R. & del Moral, J.C. (Eds.) (2003). Atlas de las Aves Reproductoras de España. Dirección General de Conservación de la Naturaleza- Sociedad Española de Ornitología. Madrid, 733 pp. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx) Palomino, D. & Molina, B. (Eds.) (2009). Aves acuáticas reproductoras en España. Población en 2007 y método de censo. SEO/BirdLife. Madrid. 210pp. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm30-208250.pdf) |
| Breeding long-term trend: Cuervo, J.J. (2016). Cigüeñuela común – <i>Himantopus himantopus</i> . En: Enciclopedia Virtual de los Vertebrados Españoles. Salvador, A., Morales, M. B. (Eds.). Museo Nacional de Ciencias Naturales, Madrid. (http://www.vertebradosibericos.org/aves/himhim.html) Información proporcionada por las Comunidades Autónomas. Martí, R. & del Moral, J.C. (Eds.) (2003). Atlas de las Aves Reproductoras de España. Dirección General de Conservación de la Naturaleza- Sociedad Española de Ornitología. Madrid, 733 pp. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx) Palomino, D. & Molina, B. (Eds.) (2009). Aves acuáticas reproductoras en España. Población en 2007 y método de censo. SEO/BirdLife. Madrid. 210pp. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm30-208250.pdf) |
| Winter population size: Información proporcionada por las Comunidades Autónomas. SEO/BirdLife (2018). Censos de aves acuáticas. (http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx) |

Himantopus himantopus (Black-winged Stilt)

Spain

Winter short-term trend: 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. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/atlas_aves_invierno_tcm30-198034.pdf) SEO/BirdLife (2018). Censos de aves acuáticas. (<http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx>)

Winter long-term trend: González, R. & Pérez-Aranda, D. (2011). Las aves acuáticas en España, 1980-2009. SEO/BirdLife, Madrid, 338 pp. 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. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/atlas_aves_invierno_tcm30-198034.pdf) SEO/BirdLife (2018). Censos de aves acuáticas. (<http://www.acuaticas.org/WebForms/ConsultaContenidos/Paginas/RealMapasDistAbunEspecie.aspx>)

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Turkey

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Ukraine

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