



THE IUCN RED LIST  
OF THREATENED SPECIES™



## ***Lymnocyptes minimus* (Jack Snipe)**

### **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).

*Lymnocyptes minimus* (Jack Snipe)

**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>	
Belarus	20	<1	2010-2018	partial	0	-10 to 10	2012-2019	expert	?		1980-2019	deficient	
Estonia	10–30	<1	2013-2017	expert	?		2006-2017	expert	?		1980-2017	expert	
Finland	2700–11300	25	2013-2018	complete	0	-40 to 95	2007-2018	complete	0		1990-2018	partial	
Latvia	0–3	<1	2013-2017	expert	?		2012-2017	deficient	?		1980-2018	deficient	
Lithuania	0–5	<1	2013-2018	partial	0		2013-2018	partial	0		1980-2018	partial	
Norway	500–1000	3	2013-2018	expert	?		2013-2018	deficient	?		1980-2018	partial	
Russia	6000–14500	36	2008-2012	partial	?		2008-2018	deficient	0		1980-2018	expert	
Sweden	6000–12000	36	2013-2018	partial	0	-10 to 10	2007-2018	expert	?		1980-2018	deficient	
EU28	8700–23400	60											
<b>Europe</b>	<b>15200–38900</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) 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.

*Lymnocyptes minimus* (Jack Snipe)

**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	50–100	<1	2007-2018	expert	-	-33 to 0	2007-2018	expert	-	-33 to 0	1980-2018	deficient	
Austria	10–30	<1	2013-2018	partial	?		2007-2018	deficient	?		1981-2018	deficient	
Azerbaijan	50–500	<1	1996-2019	expert	?		2010-2019	expert	?		1980-2019	expert	
Belgium	15–49	<1	2013-2018	expert	?		2007-2018	deficient	?		1992-2018	deficient	
Bosnia & HG	10	<1	2015-2018	complete	?		2007-2018	deficient	?		1980-2018	deficient	
Bulgaria	20–100	<1	2013-2018	partial	?		2000-2018	partial	?		1980-2018	expert	
Croatia	50–250	<1	2012-2012	expert	?		2007-2018	deficient	?		1980-2018	deficient	
Cyprus	10–20	<1	2013-2018	partial	?		2007-2018	deficient	?		1980-2018	deficient	
Denmark	30	<1	2017-2017	deficient	?		2006-2017	deficient	?		1980-2017	deficient	
France	0	<1			?				?				
Germany	1000–3000	1	2011-2016	partial	?		2003-2016		?		1980-2016		
Greece	10000–15000	9	2015	partial	0		2007-2018	partial	+		1980-2018	partial	
Rep. Ireland	0	<1	2013-2018	deficient	?				?				
Italy	9–27	<1	2013-2015	partial	?		2007-2018	deficient	?		1991-2015	deficient	
Luxembourg	10–20	<1	2013-2018	expert	?		2007-2018	expert	?		1980-2018	expert	
Netherlands	500–1000	<1	2013-2015	complete	?	-54 to 63	2004-2015	complete	+	166 to 876	1981-2015	complete	
Poland	500–1000	<1	2013-2018	partial	?		2007-2018	deficient	?		1980-2018	deficient	
Portugal	2500	2	2013-2018	partial	?		2007-2018	deficient	?		1988-2018	deficient	
Romania	10–50	<1	2013-2018	expert	?	-40 to 55	2013-2018	partial	?	-19 to 27	2000-2018	partial	
Serbia	5–50	<1	2013-2018	expert	F		2013-2018	expert	?		1980-2018	deficient	
Spain	2000–4000	2	2008-2010	partial	+		2007-2018	partial	?		1983-2018	partial	
Turkey	0–1	<1	2013-2019	complete	?		2008-2019	deficient	?		1980-2019	deficient	
United Kingdom	110000	84	2004	expert	-		2005-2016	complete	-		1980-2016	complete	
EU28	126000–138000	100											
<b>Europe</b>	<b>126000–138000</b>	<b>100</b>											

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**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>	

<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>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.

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<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

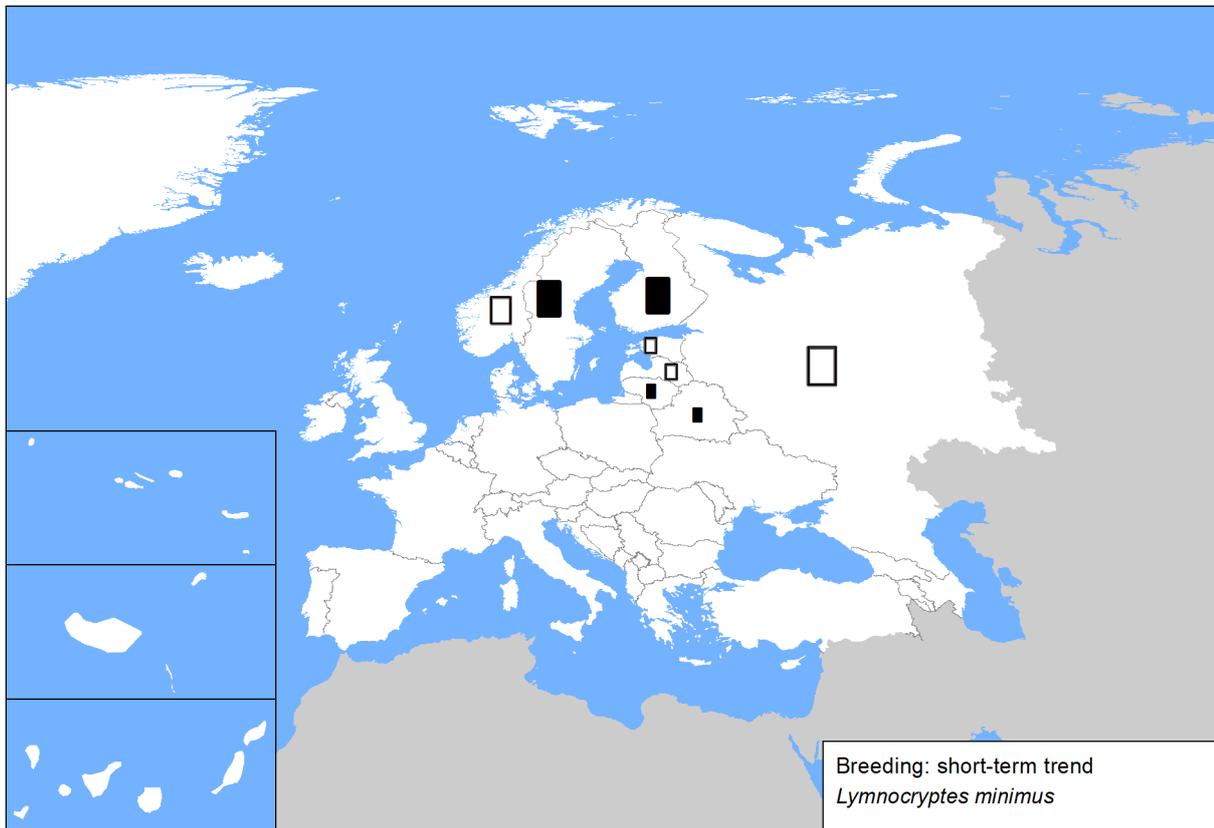
- |   |                                  |
|---|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (20–49%)     |
| ↑ Small increase ( $< 20\%$ )           | ↓ Small decrease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

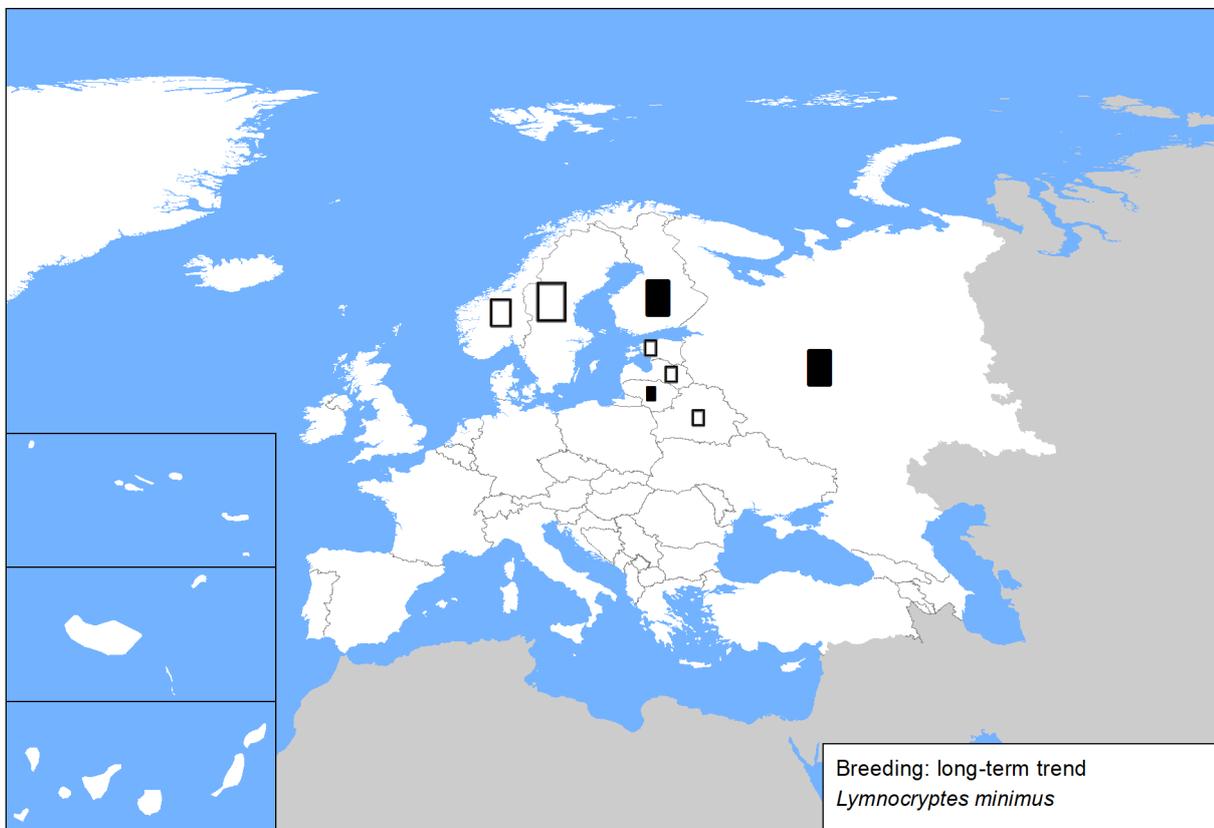
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small:  $< 1\%$  of the European population

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.

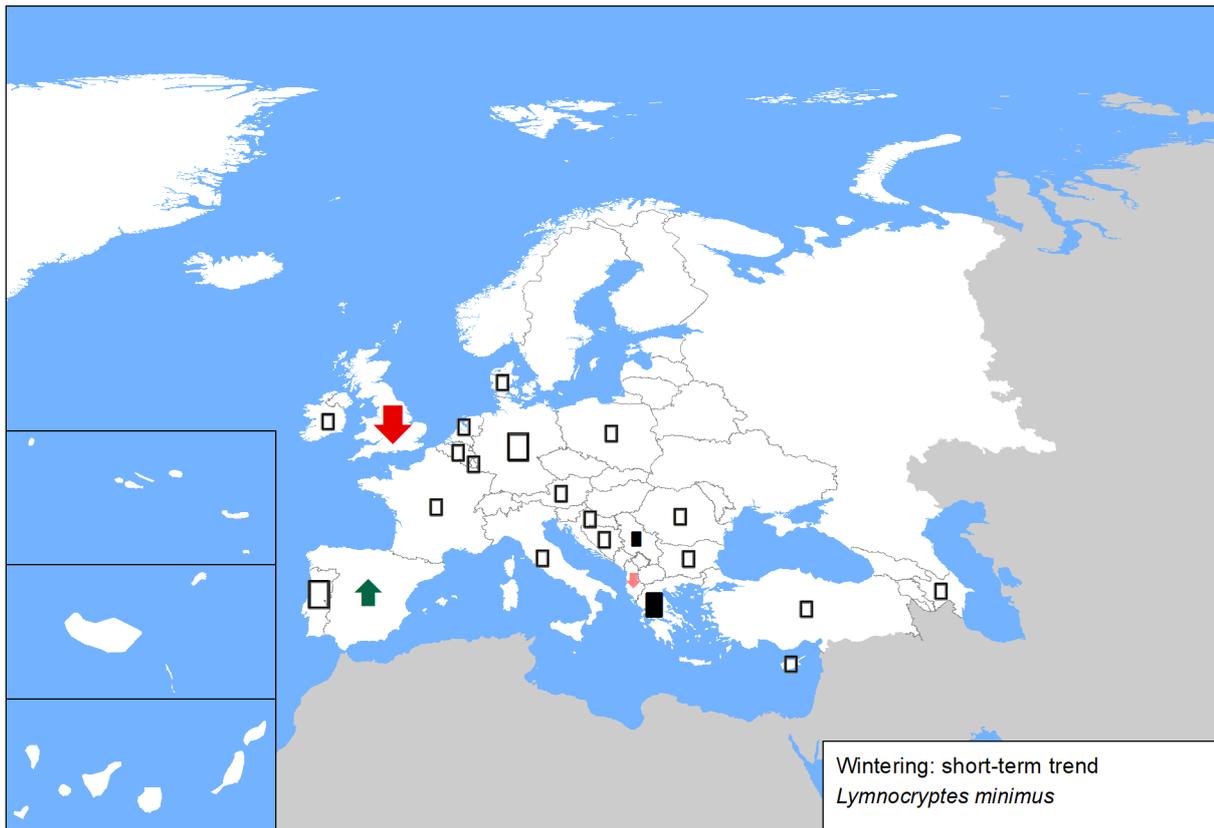
**Figure 1.** Breeding population sizes and short-term trends across Europe.



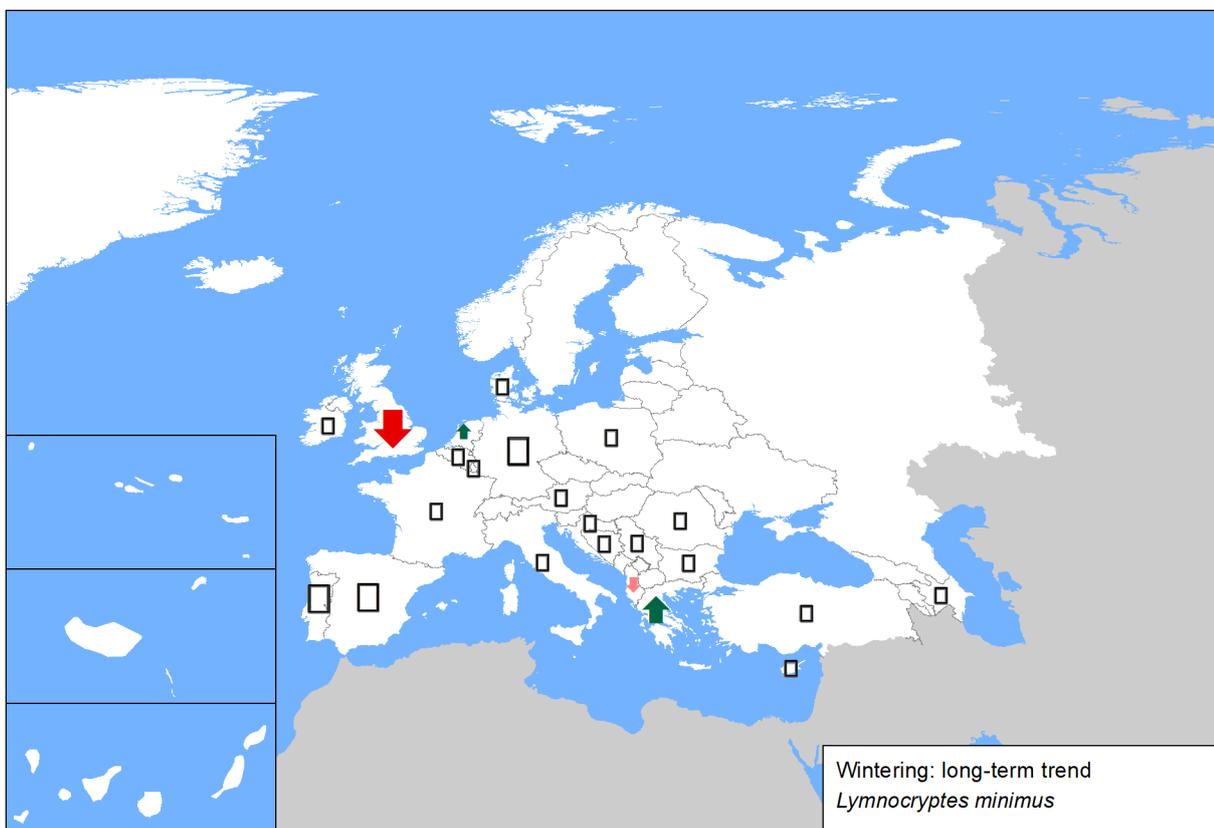
**Figure 2.** Breeding population sizes and long-term trends across Europe.



**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>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

### Austria

<b>Winter population size:</b> BirdLife Austria, unpublished data
<b>Winter short-term trend:</b> BirdLife Austria, unpublished data
<b>Winter long-term trend:</b> BirdLife Austria, unpublished data

### Azerbaijan

<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>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>Winter population size:</b> based on IWC reports-all reports published in magazine Bilten mreže posmatrača ptica ( <a href="http://www.ptice.ba">www.ptice.ba</a> )
<b>Winter short-term trend:</b> based on IWC reports-all reports published in magazine Bilten mreže posmatrača ptica ( <a href="http://www.ptice.ba">www.ptice.ba</a> )
<b>Winter long-term trend:</b> There are no qualitative data before 2005 to make estimates

### Bulgaria

<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> Expert opinion; National Art. 12 reporting database 2013-2018;
<b>Winter long-term trend:</b> expert opinion

### Croatia: all non-breeding populations

<b>Winter population size:</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. Dumbović Mazal V., Pintar V., Zadravec M. (2019): Prvo izvješće o brojnosti i rasprostranjenosti ptica u Hrvatskoj sukladno odredbama Direktive o pticama.
<b>Winter short-term trend:</b> no sources
<b>Winter long-term trend:</b> no data available

### Cyprus

<b>Winter population size:</b> Monthly waterbird counts by BirdLife Cyprus and Game & Fauna Service, as published in BirdLife Cyprus monthly checklists and also by the Game & Fauna Service; Analysis of recent BirdLife Cyprus bird sightings records reported in the society's annual reports. Very poor data
<b>Winter short-term trend:</b> Monthly waterbird counts by BirdLife Cyprus and Game & Fauna Service, as published in BirdLife Cyprus monthly checklists and also by the Game & Fauna Service; Analysis of recent BirdLife Cyprus bird sightings records reported in the society's annual reports. Very poor data
<b>Winter long-term trend:</b> Poor data

### Denmark

<b>Winter population size:</b> Pedersen, M.B. (1991). Vinterforekomsten af Enkeltbekkasin <i>Lymnocyptes minimus</i> og Dobbeltbekkasin <i>Gallinago gallinago</i> i Danmark. Dansk Orn. Foren. Tidsskr. 85: 173-174. <a href="http://www.dofbasen.dk">www.dofbasen.dk</a>
<b>Winter short-term trend:</b> no info
<b>Winter long-term trend:</b> There is no available data on either short-term or long-term trend

### Estonia

<b>Breeding population size:</b> [1] Estonian Working Group on Bird Status and Numbers [2] Xenus OÜ. 2018. Mudanepi ( <i>Lymnocyptes minimus</i> ) levik Eestis: Aastatel 2017-2018 läbi viidud inventuuri kokkuvõte. Koostaja: Hannes Pehlak.
<b>Breeding short-term trend:</b> Estonian Working Group on Bird Status and Numbers

## *Lymnocyptes minimus* (Jack Snipe)

### Estonia

**Breeding long-term trend:** Estonian Working Group on Bird Status and Numbers

### Finland

**Breeding population size:** Lehikoinen, A., Below, A., Jukarainen, A., Laaksonen, T., Lehtiniemi, T., Mikkola-Roos, M., Pessa, J., Rajasärkkä, A., Rusanen, P., Sirkkiä, P., Tiainen, J. & Valkama, J. 2019: Suomen lintujen pesimäkantojen koot. – Linnut-vuosikirja 2018: 38-45.

**Breeding short-term trend:** Bird monitoring schemes of the Finnish Museum of Natural History, University of Helsinki.

**Breeding long-term trend:** Unpublished line transect data of nature reserves by Metsähallitus, National Parks Finland.

### France

### Germany

**Winter population size:** Dachverband Deutscher Avifaunisten e.V. (<http://www.dda-web.de>)

**Winter short-term trend:** keine Angabe

**Winter long-term trend:** keine Angabe

### Greece

**Winter population size:** 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., Τσαϊτουριδής, Χ., Παπαζογλου, C. & Βαρον, Β. 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 (<http://natura2000.eea.europa.eu/#>). 4) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος Β., Μπραζιώτης 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.

**Winter short-term trend:** 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., Τσαϊτουριδής, Χ., Παπαζογλου, C. & Βαρον, Β. 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 (<http://natura2000.eea.europa.eu/#>). 4) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος Β., Μπραζιώτης 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.

**Winter long-term trend:** 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., Τσαϊτουριδής, Χ., Παπαζογλου, C. & Βαρον, Β. 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 (<http://natura2000.eea.europa.eu/#>). 5) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος Β., Μπραζιώτης 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.

### Republic of Ireland

### Italy

**Winter population size:** ISPRA-IWC Database

**Winter short-term trend:** ISPRA-IWC Database - Zenatello M., Baccetti N., Borghesi F., 2014. Risultati dei censimenti degli uccelli acquatici svernanti in Italia. Distribuzione, stima e trend delle popolazioni nel 2001-2010. ISPRA, Serie Rapporti, 206/2014, pp: 24-28.

**Winter long-term trend:** ISPRA-IWC Database; Baccetti N, Dall'Antonia P, Magagnoli P, Melega L, Serra L, Soldatini C, Zenatello M 2002. Risultati dei censimenti degli uccelli acquatici svernanti in Italia: distribuzione, stima e trend delle popolazioni nel 1991-2000. Biol. Cons. Fauna 111: 19-20.

### Latvia

**Breeding population size:** Unpublished data for European Breeding Bird Atlas (2013-2017); Expert: Andris Dekants, andris.dekants@lob.lv

**Breeding short-term trend:** Unpublished data for European Breeding Bird Atlas (2013-2017); Expert: Andris Dekants, andris.dekants@lob.lv

**Breeding long-term trend:** No data available.

### Lithuania

**Breeding population size:** Expert working group of the Lithuanian Ornithological Society ([lod@birdlife.lt](mailto: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.

**Breeding short-term trend:** Expert working group of the Lithuanian Ornithological Society ([lod@birdlife.lt](mailto: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.

**Breeding long-term trend:** 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](mailto: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. Lutute, 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](mailto:lod@birdlife.lt)) 2015-2018. Lietuvos perinčių paukščių atlaso duomenų bazė (Lithuanian Breeding Birds Atlas Database). Vilnius.

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### Luxembourg

<b>Winter population size:</b> Ornitho.lu (2018): online database natur&emwelt asbl & Dachverband Deutscher Avifaunisten (DDA) e.V.; Luxembourg Recorder (2018): database Musée national d'histoire naturelle; Luxembourg Lorgé P., E. Melchior (2016): Die Vögel Luxemburgs. Natur&emwelt Luxembourg. ISBN: 978-2-919920-01-3
<b>Winter short-term trend:</b> Ornitho.lu (2018): online database natur&emwelt asbl & Dachverband Deutscher Avifaunisten (DDA) e.V.; Luxembourg Recorder (2018): database Musée national d'histoire naturelle; Luxembourg Lorgé P., E. Melchior (2016): Die Vögel Luxemburgs. Natur&emwelt Luxembourg. ISBN: 978-2-919920-01-3; LUXOR (2018): natur&emwelt – Bird-database, Luxembourg
<b>Winter long-term trend:</b> Ornitho.lu (2018): online database natur&emwelt asbl & Dachverband Deutscher Avifaunisten (DDA) e.V.; Luxembourg Recorder (2018): database Musée national d'histoire naturelle; Luxembourg Lorgé P., E. Melchior (2016): Die Vögel Luxemburgs. Natur&emwelt Luxembourg. ISBN: 978-2-919920-01-3; LUXOR (2018): natur&emwelt – Bird-database, Luxembourg

### Netherlands

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

### Norway

<b>Breeding population size:</b> Shimmings P. & Øien, I.J. 2015. Bestandsestimater og trender for norske hekkefugler. NOF-rapport 2015-2.
<b>Breeding short-term trend:</b> Shimmings, P. & Øien, I.J. 2015. Bestandsestimater for norske hekkefugler. NOF Rapport 2-2015. 268 pp.
<b>Breeding long-term trend:</b> Shimmings, P. & Øien, I.J. 2015. Bestandsestimater for norske hekkefugler. NOF Rapport 2-2015. 268 pp.

### Poland

<b>Winter population size:</b> State Environmental Monitoring / Chief Inspectorate of Environmental Protection (survey: MZPW – Wintering Waterbird Survey); A. Sikora - unpublished information
<b>Winter short-term trend:</b> Chief Inspectorate of Environmental Protection & Polish Society for the Protection of Birds (OTOP) / BirdLife Poland
<b>Winter long-term trend:</b> Chief Inspectorate of Environmental Protection & Polish Society for the Protection of Birds (OTOP) / BirdLife Poland

### Portugal

<b>Winter population size:</b> ICNF 2019.Hunting bags 2008-2013, n. publ.
<b>Winter short-term trend:</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, 2019)
<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 Invernaes

### Romania

<b>Winter population size:</b> International Waterbird Census, Romania, Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database
<b>Winter short-term trend:</b> International Waterbird Census, Romania, Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database
<b>Winter long-term trend:</b> International Waterbird Census, Romania, Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database

### Russia

<b>Breeding population size:</b> Morozov in press; Database of the project on Atlas of breeding birds of European Russia
<b>Breeding long-term trend:</b> Morozov, expert opinion. piskulka@rambler.ru; Lappo et al. 2012

### Serbia

<b>Winter population size:</b> IWC database
<b>Winter short-term trend:</b> IWC database
<b>Winter long-term trend:</b> IWC database; Bioras database <a href="http://www.bioras.petnica.rs/home.php">http://www.bioras.petnica.rs/home.php</a>

### Spain

<b>Winter population size:</b> Herrando, S., Brotons, L., Estrada, J., Guallar, S. & Anton, M. (eds.) (2011). Atlas dels ocells de Catalunya a l'hivern 2006-2009. Institut Català d'Ornitologia (ICO)/Lynx Edicions. Barcelona. 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> )
<b>Winter short-term trend:</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> )
<b>Winter long-term trend:</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> )

### Sweden

<b>Breeding population size:</b> Ottosson, U., Ottvall, R., Elmberg, J., Green, M., Gustafsson, R., Haas, F., Holmqvist, N., Lindström, Å., Nilsson, L., Svensson, M., Svensson, S. & Tjernberg, M. 2012. Fåglarna i Sverige – antal och förekomst. SOF, Halmstad. Swedish Bird Survey. BirdLife Sverige, Annual Bird reports.
<b>Breeding short-term trend:</b> Svensk fågeltaxering - Swedish Bird Survey
<b>Breeding long-term trend:</b> Svensk fågeltaxering - Swedish Bird Survey Artportalen - Species Observation System <a href="http://www.artportalen.se">www.artportalen.se</a>

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**Turkey**

**Winter population size:** Ebird Database and Midwinter Fowl Counts (2013-2018), Birdlife Estimate

**Winter short-term trend:** Midwinter bird counts 2012-2019

**Winter long-term trend:** Midwinter bird counts 1980-2019 and Historical Records come from OSME and other midwinter counts

**United Kingdom**

**Winter population size:** Musgrove, A.J., Austin, G.E., Hearn, R.D., Holt, C.A., Stroud, D.A. & Wotton, S.R. 2011. Overwinter population estimates of British waterbirds. *British Birds* 104: 364-397.

**Winter short-term trend:** 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.

**Winter long-term trend:** 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.

## Bibliography

- Billerman, S.M., Keeney, B.K., Rodewald, P.G. and Schulenberg, T.S. (eds). 2020. *Birds of the World*. Cornell Laboratory of Ornithology, Ithaca.
- Bird, J. P., Martin, R., Akçakaya, H. R., Gilroy, J., Burfield, I. J., Garnett, S. G., Symes, A., Taylor, J., Sekercioglu, Ç. H. and Butchart, S. H. M. 2020. Generation lengths of the world's birds and their implications for extinction risk. *Conservation Biology* 34(5): 1252-1261. DOI: 10.1111/cobi.13486.
- Brazil, M. 2009. *Birds of East Asia: eastern China, Taiwan, Korea, Japan, eastern Russia*. Christopher Helm, London.
- Bregnballe, T., Noer, H., Christensen, T.K., Clausen, P., Asferg, T., Fox, A.D. and Delany, S. 2006. Sustainable hunting of migratory waterbirds: the Danish approach. In: G. Boere, C. Galbraith and D. Stroud (eds), *Waterbirds around the world*, pp. 854-860. The Stationery Office, Edinburgh, U.K.
- Clausager, I. 2006. Wing survey of Woodcock and Snipe in Denmark. *International Wader Studies* 11: 106-112.
- Delany, S. and Scott, D. 2006. *Waterbird population estimates*. Wetlands International, Wageningen, The Netherlands.
- Hayman, P., Marchant, J. and Prater, A.J. 1986. *Shorebirds*. Croom Helm, London.
- Johnsgard, P.A. 1981. *The plovers, sandpipers and snipes of the world*. University of Nebraska Press, Lincoln, U.S.A. and London.
- Olivier, G-N. 2006. Considerations on the use of lead shot over wetlands. In: Boere, G.; Galbraith, C., Stroud, D (ed.), *Waterbirds around the world*, pp. 866-867. The Stationary Office, Edinburgh, UK.
- Snow, D.W. and Perrins, C.M. 1998. *The Birds of the Western Palearctic, Volume 1: Non-Passerines*. Oxford University Press, Oxford.
- del Hoyo, J., Elliott, A. and Sargatal, J. (eds). 1996. *Handbook of the Birds of the World, Vol. 3: Hoatzin to Auks*. Lynx Edicions, Barcelona, Spain.