



THE IUCN RED LIST  
OF THREATENED SPECIES™



## ***Ixobrychus minutus (Common Little Bittern)***

### **European Red List of Birds**

### **Supplementary Material**

The European Union (EU27) 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 2013-14.

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 (2015).

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#### **Recommended citation**

BirdLife International (2015) European Red List of Birds. Luxembourg: Office for Official Publications of the European Communities.

#### **Further information**

- <http://www.birdlife.org/datazone/info/euroredlist>
- <http://www.birdlife.org/europe-and-central-asia/european-red-list-birds-0>
- <http://www.iucnredlist.org/initiatives/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).

*Ixobrychus minutus* (Common Little Bittern)

**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>4</sup>				Long-term population trend <sup>4</sup>				Subspecific population (where relevant)
	Size (pairs) <sup>3</sup>	Europe (%)	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	
Albania	100-350	<1	2002-2012	medium	0	0	2002-2012	medium	-	10-20	1980-2012	poor	
Armenia	1,500-2,000	2	2002-2012	medium	?				?				
Austria	180-270	<1	2001-2012	medium	0	0	2001-2012	medium	?				I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Azerbaijan	250-2,500	1	1996-2000	poor	?				?				
Belarus	600-1,000	1	2001-2012	medium	+	67-100	2001-2012	medium	?				
Belgium	31-44	<1	2008-2012	good	+	35-267	2000-2012	medium	-	27-56	1973-2012	good	I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa
Bosnia & HG	200-500	<1	2010-2014	poor	0	0	2001-2012	poor	?				
Bulgaria	1,500-4,500	3	2005-2012	medium	0	10	2000-2012	medium	0	10	1980-2012	poor	I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Croatia	1,200-2,200	2	2013	poor	?				?				
Cyprus	1-4	<1	2004-2013	good	0	0	2001-2013	good	0	0	1980-2012	good	I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Czech Rep.	60-80	<1	2001-2003	good	+	20-25	2000-2012	medium	+	33-100	1980-2012	medium	I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
France	500-1,000	1	2009-2012	medium	-		2003-2013	medium	-	40-80	1975-2005	poor	I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa
Georgia	Present	<1			?				?				
Germany	220-290	<1	2005-2009	good	+	77-183	1998-2008	good	0	0	1985-2009	medium	I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa
Greece	600-700	1	2009	poor	0	0	2001-2012	poor	0	0	1980-2012	poor	I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Hungary	4,000-6,000	6	1995-2002	medium	0	0	2000-2012	poor	?				I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Italy	1,300-2,300	2	2013	poor	-	≥10	2001-2011	poor	-		1980-2011	poor	I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa
Kosovo	35-90	<1	2009-2014	medium	?				?				
Latvia	50-75	<1	2012	medium	?				?				I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Lithuania	30-60	<1	2008-2012	medium	F	0	2001-2012	medium	0	0	1980-2012	medium	I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Luxembourg	5-7	<1	2008-2012	good	+	100-200	2000-2012	good	+	100	1980-2012	good	I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa
FYRO Macedonia	200-300	<1	2001-2012	poor	0	0	2000-2012	poor	?				
Moldova	1,200-1,500	2	2000-2010	medium	0	0	2000-2010	medium	0	0	1980-2010	medium	

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	Size (pairs) <sup>3</sup>	Europe (%)	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	
Montenegro	20-40	<1	2002-2012	medium	?				?				
Netherlands	20-60	<1	2008-2011	good	+	12-193	2002-2011	good	-	40-85	1977-2011	medium	I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa
Poland	1,000-1,400	1	2008-2012	medium	+	40-100	2000-2012	medium	+	100-150	1980-2012	medium	I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Portugal	100-500	<1	2008-2012	poor	-		2001-2012	medium	-		1980-2012	medium	I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa
Romania	10,000-15,000	15	2008-2013	medium	?				0	0	1980-2012	poor	I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Russia	17,000-35,000	29	2000-2008	poor	0	0	2000-2012	poor	0	0	1980-2012	poor	
Serbia	2,680-3,450	4	2008-2012	medium	+	1-9	2000-2012	medium	+	10-29	1980-2012	medium	
Slovakia	200-400	<1	2002	poor	0	0	2000-2012	poor	-	10-25	1980-2012	poor	I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Slovenia	70-130	<1	2007-2012	medium	?				?				I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa
Spain	4,050	5	2007	good	0	0	2000-2012	medium	-		1980-2012	medium	I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa
ES: Canary Is	1-2	<1	1997-2003	medium	+		2000-2012	medium	+		1980-2012	medium	I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa
Switzerland	80-120	<1	2008-2012	medium	0	0	2001-2012	medium	+	36-208	1990-2012	medium	
Turkey	950-3,000	2	2013	medium	-	30-49	2000-2012	medium	+	0-19	1990-2013	poor	
Ukraine	13,200-22,300	21	2000	medium	F	10-20	2001-2012	medium	F	10-15	1980-2012	medium	
EU27	23,900-36,900	35		Uncertain									
Europe	63,100-111,000	100		Stable									

<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 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>5</sup> Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

<sup>6</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  |

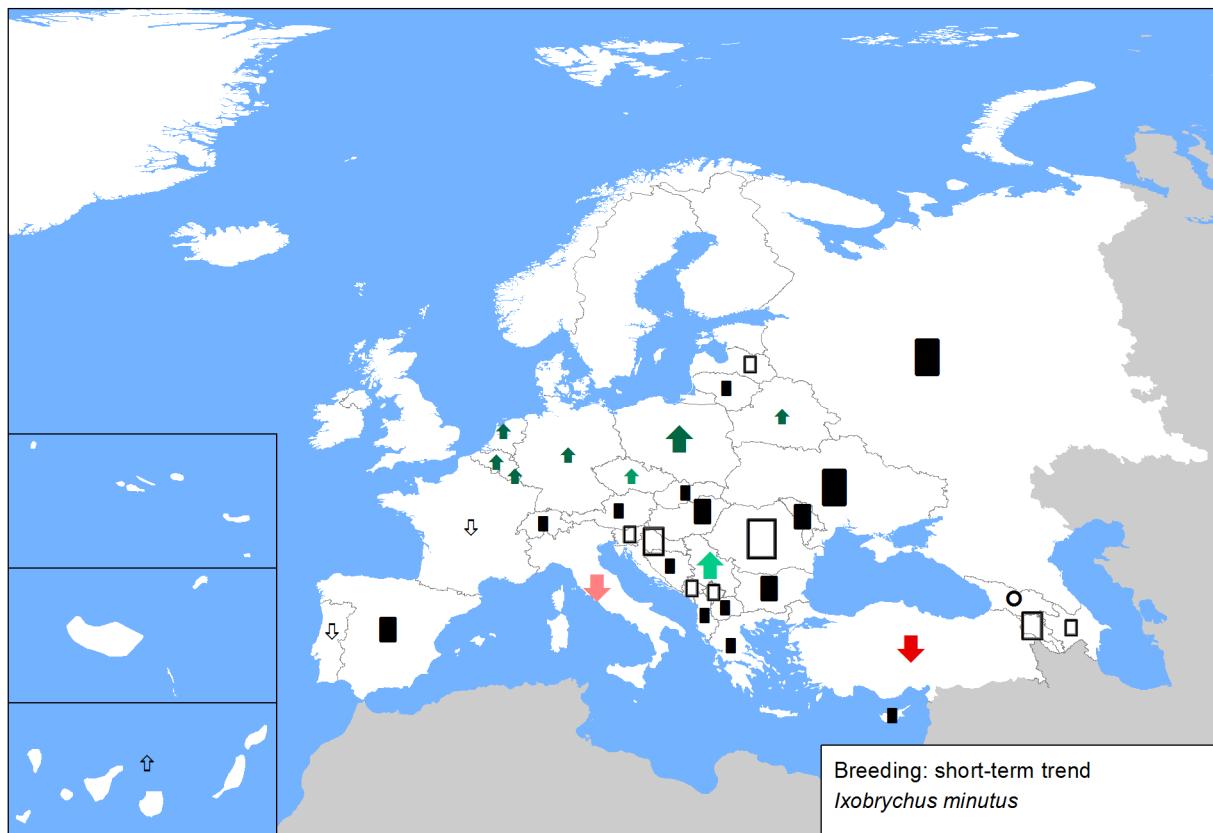
- Stable or fluctuating
- Unknown
- Present (no population or trend data)
- ✗ Extinct since 1980

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.

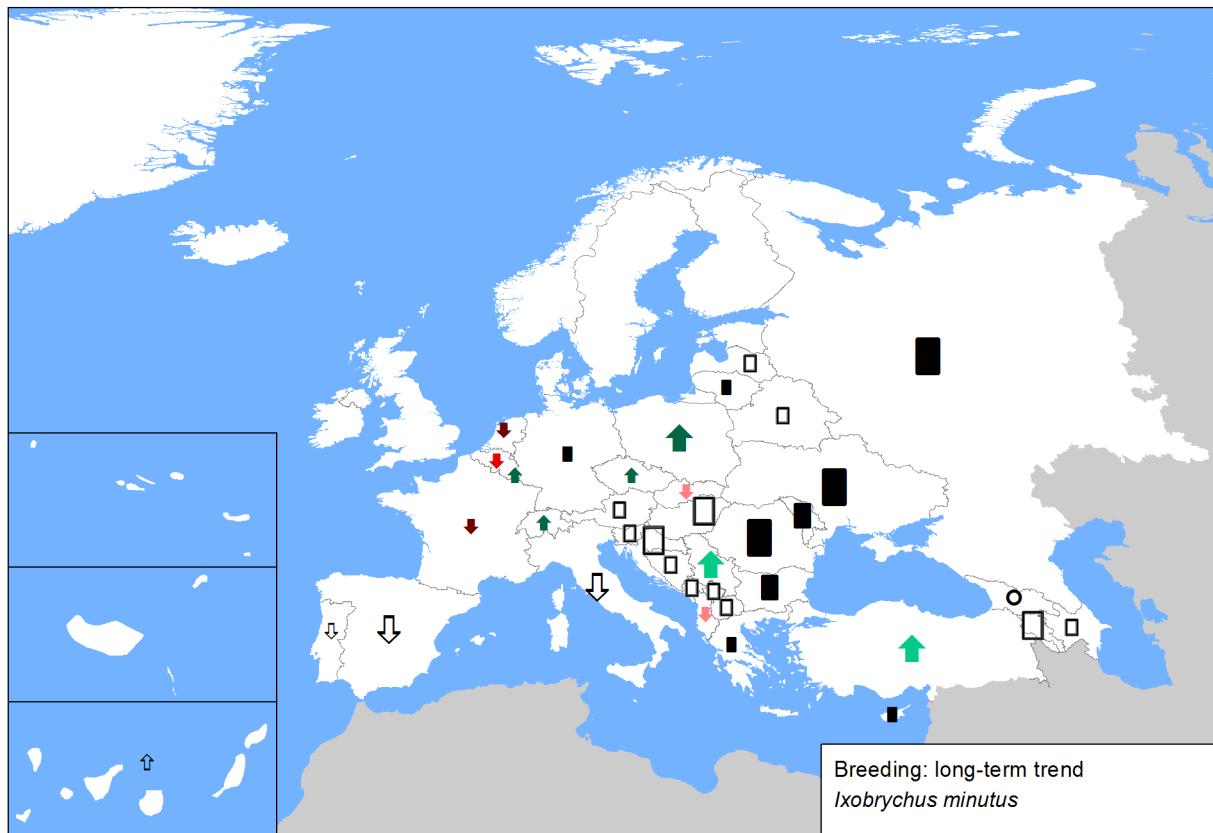
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small: <1% of the European population

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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.



*Ixobrychus minutus* (Common Little Bittern)

## Sources

### Albania

Breeding population size: Bino pers. obs.

Breeding short-term trend: Bino pers. obs.

Breeding long-term trend: Bino pers. obs.

### Armenia

Breeding population size: ASPB data

### Austria: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa

Breeding population size: BirdLife Austria, estimate on the basis of available unpublished and published population data

Breeding short-term trend: BirdLife Austria, estimate on the basis of available unpublished and published trend data

### Azerbaijan

Breeding population size: BirdLife International 2004

### Belarus

Breeding population size: Dzmitranok M. – personal communication

Breeding short-term trend: Dzmitranok M. – personal communication

Breeding long-term trend: Dzmitranok M. – personal communication

### Belgium: I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa

Breeding population size: database rare and less common breeding birds, INBO (coord. A.Anselin), selected data waarnemingen.be, compilation of data and enquiries in ornithological community

Breeding short-term trend: Rare bird panel

Breeding long-term trend: Comparison between 2008-2012 estimate and Devillers, 1989 (Atlas of the Belgian Breeding Bird) population estimate

### Bosnia and Herzegovina

Breeding population size: Kotrošan, D., Drocic, N., Trbojević, S., Šimić, E., Dervović, I., 2012: Program IBA, Međunarodno značajna područja za ptice, u Bosni i Hercegovini. Ornitološko društvo "Naše ptice", interno izdanie za projekat "Evaluacija IBA područja u FBiH", Sarajevo

Breeding short-term trend: Stumberger, B., Sackl, P., 2008/2009: Rezultati brojanja ptica močvarica i njihov gnjezdæci status u Livanjskom polju 2007.-2009. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 4-5(4-5): 38-55.

### Bulgaria: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa

Breeding population size: Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p. (In Bulgarian and English) Golemansky V. (ed.) 2011. Red Data Book of the Republic of Bulgaria. Digital edition, Vol. 2, Animals. BAS-MOEW, Sofia, <http://e-ecodab.bas.bg/rdb/en/vol2/> P.Shurulinkov, G.Daskalova- own unpublished data BSPB Database

Breeding short-term trend: Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p. (In Bulgarian and English) Golemansky V. (ed.) 2011. Red Data Book of the Republic of Bulgaria. Digital edition, Vol. 2, Animals. BAS-MOEW, Sofia, <http://e-ecodab.bas.bg/rdb/en/vol2/> P.Shurulinkov, G.Daskalova- own unpublished data BSPB Database

Breeding long-term trend: Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p. (In Bulgarian and English) Golemansky V. (ed.) 2011. Red Data Book of the Republic of Bulgaria. Digital edition, Vol. 2, Animals. BAS-MOEW, Sofia, <http://e-ecodab.bas.bg/rdb/en/vol2/> P.Shurulinkov, G.Daskalova- own unpublished data BSPB Database Simeonov S., T.Michev, D.Nankinov 1990. Fauna of Bulgaria. Vol.20.Aves - part 1. BAS, Sofia.

### Croatia

Breeding population size: Zavod za ornitologiju (Sanja Barišić, Davor Ćiković, Jelena Kralj, Goran Sušić, Vesna Tutić), Dragan Radović, Ivan Budinski, Robert Crnković, Antun Delić, Dubravko Dender, Vlatka Dumbović, Ivan Darko Grlica, Bariša Ilić, Luka Jurinović, Davor Krnjeta, Krešimir Leskovar, Duje Lisičić, Ivica Lolić, Gordan Lukač, Kristijan Mandić, Krešimir Mikulić, Tibor Mikuska, Gvido Piasevoli, Andrej Radalj, Zlatko Ružanović, Vlatka Šćetarić, Mirko Šetina, Adrian Tomik (2013): Procjene brojnosti za SPA područja. Državni zavod za zaštitu prirode, Zagreb

Breeding short-term trend: BiE III Work group, Croatia

Breeding long-term trend: Tutić, V., Kralj, J., Radović, D., Ćiković, D. i Barišić, S. (2013): Crvena knjiga ptica Republike Hrvatske. Ministarstvo zaštite okoliša i prirode, Državni zavod za zaštitu prirode, Zagreb

### Cyprus: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa

Breeding population size: Monthly waterbird counts (maxima from Dec, Jan and Feb counts) by BirdLife Cyprus and Game & Fauna Service, as published in BirdLife Cyprus monthly checklists and also by the Game & Fauna Service; Whaley & Dawes in Sandgrouse 27 (2005); Analysis of recent BirdLife Cyprus bird sightings records reported in the society's annual reports.

Breeding short-term trend: Monthly waterbird counts (maxima from Dec, Jan and Feb counts) by BirdLife Cyprus and Game & Fauna Service, as published in BirdLife Cyprus monthly checklists and also by the Game & Fauna Service; Whaley & Dawes in Sandgrouse 27 (2005); Analysis of recent BirdLife Cyprus bird sightings records reported in the society's annual reports.

Breeding long-term trend: The species was first confirmed as breeding in Cyprus is 2004

## *Ixobrychus minutus* (Common Little Bittern)

### **Czech Republic: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa**

Breeding population size: STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnízdního rozšírení ptáků v České republice. Aventinum Praha.

Breeding short-term trend: HORA J., KUCERA Z. & URBANEK L. in press: Monitoring druhu prilohy I směrnice o ptacích a ptacích oblastech v letech 2008-2010. AOPK CR

Breeding long-term trend: STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnízdního rozšírení ptáků v České republice. Aventinum Praha. HORA J., KUCERA Z. & URBANEK L. in press: Monitoring druhu prilohy I směrnice o ptacích a ptacích oblastech v letech 2008-2010. AOPK CR

### **France: I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa**

Breeding population size: Marion L., Barbier L. et Morin Ch. 2006 Statut du blongios nain *Ixobrychus minutus* en France entre 1968 et 2004 et causes probables de l'évolution de ses effectifs, Paris, SEO/F, p. 155-170

Breeding short-term trend: Yeatman, L. 1976 Atlas des oiseaux nicheurs de France de 1970 à 1975, Société ornithologique de France, Paris, 282 p. Mezami S., Rosain M. et Boisseau M. 2010 Le blongios nain (*Ixobrychus minutus*) en val de Seille. Bilan de 4 années de recensement, 152-160

Breeding long-term trend: Yeatman, L. 1976 Atlas des oiseaux nicheurs de France de 1970 à 1975, Société ornithologique de France, Paris, 282 p. Mezami S., Rosain M. et Boisseau M. 2010 Le blongios nain (*Ixobrychus minutus*) en val de Seille. Bilan de 4 années de recensement, 152-160

### **Georgia**

Breeding population size: BirdLife International 2004

### **Germany: I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa**

Breeding population size: Gedeon, K., C. Grüneberg, A. Mitschke & C. Sudfeldt (in Vorb.): Atlas Deutscher Brutvogelarten. SVD & DDA, Münster.

Breeding short-term trend: Monitoring seltener Brutvögel

Breeding long-term trend: Dachverband Deutscher Avifaunisten e.V.

### **Greece: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa**

Breeding population size: 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: Tucker, G.M. & Heath, M.F. 1994. Birds in Europe: their conservation status. Cambridge, U.K.: BirdLife International (BirdLife Conservation Series no. 3)

### **Hungary: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa**

Breeding population size: MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278. National Park Directorates& databases.

Breeding short-term trend: National Park Directorates databases. Breeding bird (MME RTM) database.

### **Italy: I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa**

Breeding population size: Brichetti P & Fracasso G. 2013. Ornitologia italiana. Vol. 1/1: Gaviidae-Phoenicopteridae. Oasi Alberto Perdisa, Bologna

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Breeding long-term trend: Gustin M, Brambilla M & Celada C. 2009. Valutazione dello stato di conservazione dell'avifauna italiana. Specie in Allegato I della Direttiva Uccelli. Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Lega Italiana Protezione Uccelli (LIPU) Peronace V, Cecere JG, Gustin M & Rondinini C. 2012. Lista Rossa 2011 degli Uccelli Nidificanti in Italia. Avocetta 36: 11-58 Tucker GM & Heath MF. 1994. Birds in Europe. Their conservation status. Cambridge, UK: BirdLife International. BirdLife Conservation Series No. 3 BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status Cambridge, UK: BirdLife International. BirdLife Conservation Series No. 12

### **Kosovo**

Breeding population size: NGO "Finch" (2014)

### **Latvia: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa**

Breeding population size: www.latvijasputni.lv

### **Lithuania: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa**

Breeding population size: Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt)

Breeding short-term trend: Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) Raudonikis L. 2004. Lithuania. In: Birds in Europe: population estimates, trends, and conservation status. BirdLife International, BirdLife Conservation Series No12, Cambridge, UK. Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p. Kurlavičius, P. (ed.) 2006. Lietuvos perlinčių paukščių atlasas. Kaunas: „Lututė“, 256 p. Rašomavičius, V. (red.) 2007. Lietuvos raudonojų knyga. Kaunas: „Lututė“, 800 p. (Red Data Book of Lithuania, 2007)

Breeding long-term trend: 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). Kurlavičius, P. (ed.) 2006. Lietuvos perlinčių paukščių atlasas. Kaunas: „Lututė“, 256 p.

### **Luxembourg: I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa**

Breeding population size: LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P. (2008): Zwerge im Mittelpunkt des Interesses. Regulus 10/2008: 4-6 Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3

Breeding short-term trend: LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P. (2008): Zwerge im Mittelpunkt des Interesses. Regulus 10/2008: 4-6 Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3

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**Breeding long-term trend:** LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P. (2008): Zwerge im Mittelpunkt des Interesses. Regulus 10/2008: 4-6 Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3 Melchior E., E. Mentgen, R. Peltzer, R. Schmitt, J. Weiss (1987): Atlas der Brutvögel Luxemburgs. Lëtzebuerger Natur- a Vulleneschutzliga. Kremer-Muller & Cie, Foetz, Luxembourg

### **The Former Yugoslav Republic of Macedonia**

**Breeding population size:** Velevski, M., B. Hallmann, B. Grubač, T. Lisičanec, E. Stoynov, E. Lisičanec, V. Avukatov, L. Božić, and B. Stumberger. 2010. Important Bird Areas in Macedonia: Sites of Global and European Importance. *Acrocephalus* 31:181–282

**Breeding short-term trend:** Velevski, M., B. Hallmann, B. Grubač, T. Lisičanec, E. Stoynov, E. Lisičanec, V. Avukatov, L. Božić, and B. Stumberger. 2010. Important Bird Areas in Macedonia: Sites of Global and European Importance. *Acrocephalus* 31:181–282

### **Moldova**

**Breeding population size:** The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

**Breeding short-term trend:** The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

**Breeding long-term trend:** Cojan C., Munteanu A., Larisa Bogdea, Aspekte privind fenologia și reproducerea speciilor de Ciconiiformes (Aves) din bazinul Prutului inferior, Mediul ambiant, nr.2, Chișinău, 2010, p. 13-18. Burfield I., Bommel van F., Birds in Europe. Population estimates, trends and conservation status. BirdLife International. Oxford, 2004. 374p.

### **Montenegro**

**Breeding population size:** Puzovic, S., Simic, D., Saveljić, D., Gergelj, J., Tucakov, M., Stojnic, N., Hulo, I., Ham, I., Vizi, O., Sciban, M., Ruzic, M., Vukanovic, M., Jovanovic, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. *Ciconia* 12,

### **Netherlands: I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa**

**Breeding population size:** NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

**Breeding short-term trend:** NEM, Sovon en CBS, Boele et al. (2013)

**Breeding long-term trend:** NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al. (2010), Teixeira (1979)

### **Poland: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa**

**Breeding population size:** Compilation of regional figures: KRAINA ŚWIĘTOKRZYSKA (Towarzystwo Badań i Ochrony Przyrody, R. Maniarski, M. Jantarski i inni), KUJAWY (P. Zieliński i inni), LUBELSKO-ŚWIĘTOKRZYSKA (Lubelskie Towarzystwo Ornithologiczne, M. Urban, P. Szewczyk, P. Stachyra), MAŁOPOLSKA (M. Ciach, R. Bobrek, T. Wilk), MAZOWSZE (Mazowiecko-Świętokerzyskie Towarzystwo Ornithologiczne: S. Chmielewski, A. Dombrowski, A. Goławski, H. Kot), PODLASIE (T. Tumiel, G. Grygoruk), POMORZE (Ł. Ławicki, A. Sikora), ŚLĄSK (P. Kołodziejczyk i inni), ŚLĄSK GÓRNY (J. Bejtela), WARmia I MAZURY (D. Czałkiewicz, K. Jankowski, M. Szymkiewicz, A. Sikora), WIELKOPOLSKA (P. Wyłogala, L. Kuczyski), ZIEMIA LUBUSKA (P. Czechowski, S. Rubacha, P. Baranowski, M. Jankowski, R. Kruszak, M. Leszczyński, M. Prange, J. Udolf), ZIEMIA ŁÓDZKA (T. Janiszewski, Z. Wojciechowski, P. Minias, R. Włodarczyk, B. Lesner, M. Wężyk),

**Breeding short-term trend:** Chylarecki P., Sikora A. 2007. Ocena liczebności gatunków lęgowych w Polsce. W: Sikora A., Rohde Z., Gromadzki M., Neubauer G., Chylarecki P. (red.). Atlas rozmieszczenia ptaków lęgowych Polski 1985–2004. Bogucki Wyd. Nauk., Poznań, s. 34–41; BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. BirdLife International Series No. 12.

**Breeding long-term trend:** Tucker G.M., Heath M.F. 1994. Birds in Europe: their conservation status. Cambridge, UK: BirdLife International; Chylarecki P., Sikora A. 2007. Ocena liczebności gatunków lęgowych w Polsce. W: Sikora A., Rohde Z., Gromadzki M., Neubauer G., Chylarecki P. (red.). Atlas rozmieszczenia ptaków lęgowych Polski 1985–2004. Bogucki Wyd. Nauk., Poznań, s. 34–41; BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. BirdLife International Series No. 12.

### **Portugal: I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa**

**Breeding population size:** informação ICNF

**Breeding short-term trend:** informação ICNF

**Breeding long-term trend:** informação ICNF

### **Romania: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa**

**Breeding population size:** SOR database

**Breeding short-term trend:** BirLife International (2004) Birds in Europe: population estimates, trebds and conservation status. Cambridge, UK Papp T., Fântână C. – editori 2008, Ariile de Importanță Avifaunistică din România, Publicație Comună a Societății Ornitologice Române și a Asociației „Grupul Milvus”

**Breeding long-term trend:** Munteanu D. (ed) 2002: Atlasul păsărilor clocitoare din România, ediția a II-a, Publicațiile Societății Ornitologice Române, nr. 16, Cluj-Napoca. Weber P. et all.1994: Atlasul provizoriu al păsărilor clocitoare din România, Publicațiile Societății Ornitologice Române, nr.2, Mediaș Papp T., Fântână C. – editori 2008, Ariile de Importanță Avifaunistică din România, Publicație Comună a Societății Ornitologice Române și a Asociației „Grupul Milvus” Victor Ciochia. Dinamica și migrația păsărilor. Ed. Stiintifică și Enciclopedică, București, 1985

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**Breeding population size:** Priklonsky S.G., Dmitrenok M.G., Zubakin V.A., Mischenko A.L. 2011. Little Bittern. – In: Priklonskiy S.G., Zubakin V.A., Koblik E.A. (eds.). Birds of Russia and adjacent regions. Pelecaniformes, Ciconiiformes, Phoenicopteriformes. Moscow, KMK: 177-189 (in Russian). Numerov A.D. 1996. Class Birds Aves. – Natural resources of Voronezh Region. Vertebrate Animals. Cadaster. Voronezh, Biomik: 48-159 (in Russian). Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. (in Russian). Klimov S.M., Sarychev V.S., Melnikov M.V., Zemlyanukhin A.I. 2004. Fauna of the Upper Don Basin. Nonpasserines. Lipetsk, LGPU: 224 p. (in Russian). Belik V.P. 2005. Cadastre of breeding avifauna of South Russia. - Strepet 3, no. 1-2: 5-37 (in Russian). Borodin O.V., Smirnova S.L., expert opinion. spinus73@mail.ru Krivenko V.G., Vinogradov V.G. 2008. Birds of the Water Environment and Rhythms of Climate of the Northern Eurasia. Moscow: 588 p. (in Russian).

**Breeding short-term trend:** Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. (in Russian). Klimov S.M., Sarychev V.S., Melnikov M.V., Zemlyanukhin A.I. 2004. Fauna of the Upper Don Basin. Nonpasserines. Lipetsk, LGPU: 224 p. (in Russian). Borodin O.V., Smirnova S.L., unpublished. spinus73@mail.ru

**Breeding long-term trend:** Belik V.P. et al. 2003. Recent population trends of breeding birds in the Southern Russia. - Strepet 1: 10-30 (in Russian). Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. (in Russian). Klimov S.M., Sarychev V.S., Melnikov M.V., Zemlyanukhin A.I. 2004. Fauna of the Upper Don Basin. Nonpasserines. Lipetsk, LGPU: 224 p. (in Russian). Borodin O.V., Smirnova S.L., unpublished. spinus73@mail.ru

## *Ixobrychus minutus* (Common Little Bittern)

### Serbia

Breeding population size: BPSSS (2014) Unpublished data

Breeding short-term trend: BPSSS (2014) Unpublished data

Breeding long-term trend: BPSSS (2014) Unpublished data

### Slovakia: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa

Breeding population size: Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

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### Slovenia: I. m. minutus, C & E Europe, Black Sea & E Mediterranean/Sub-Saharan Africa

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### Spain: I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa

Breeding population size: Palomino, D. y B. Molina (Eds) (2009). Aves acuáticas reproductoras en España, Población en 2007 y método de censo. Seguimiento de Aves 26. SEO/BirdLife. Madrid. 210 pp. ([http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/26\\_aves\\_acuaticas\\_reproductoras\\_tcm7-218238.pdf](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm7-218238.pdf))

Breeding short-term trend: Palomino, D. y B. Molina (Eds) (2009). Aves acuáticas reproductoras en España, Población en 2007 y método de censo. Seguimiento de Aves 26. SEO/BirdLife. Madrid. 210 pp. ([http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/26\\_aves\\_acuaticas\\_reproductoras\\_tcm7-218238.pdf](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm7-218238.pdf)) 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. [http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet\\_aves\\_atlas.aspx](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx)

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### ES: Canary Is: I. m. minutus, W Europe, NW Africa/Sub-Saharan Africa

Breeding population size: Martín, A. & J. A. Lorenzo. 2001. Aves del Archipiélago Canario. Francisco Lemus Editor. La Laguna. 787 pp. Lorenzo, J.A. 2007 (ed). Atlas de las Aves Nidificantes en el Archipiélago Canario (1997-2003). Dirección General de Conservación de la Naturaleza-Sociedad Española de Ornitología. Madrid 520 pp.

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Breeding population size: Original estimate: Schmid, H., R. Luder, B. Naef-Daenzer, R. Graf & N. Zbinden (1998): Schweizer Brutvogelatlas. Verbreitung der Brutvögel in der Schweiz und im Fürstentum Liechtenstein 1993-1996/Atlas des oiseaux nicheurs de Suisse. Distribution des oiseaux nicheurs en Suisse et au Liechtenstein en 1993-1996. Schweizerische Vogelwarte/Station ornithologique suisse, Sempach. Updated with data from monitoring programmes and chance observations.

Breeding short-term trend: Swiss Ornithological Institute: <http://www.vogelwarte.ch/information-service-monitoring-rare-breeding-and-visiting-birds.html> Site-occupancy modelling based on „semi-standardised“ chance observations. Percentage change based on linear regression. 95% Confidence interval see point 3.3.

Breeding long-term trend: Swiss Ornithological Institute: <http://www.vogelwarte.ch/information-service-monitoring-rare-breeding-and-visiting-birds.html> Site-occupancy modelling based on „semi-standardised“ chance observations. Percentage change based on linear regression. Min Max refer to 95% Confidence interval.

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Breeding population size: Güven Eken, Sühendan Karaüz personal communication. Birdlife International (2004) Birds in Europe: population estimates, trends and conservation status, Cambridge UK: Birdlife International (Birdlife Conservation series no: 12) [www.kusbanks.org](http://www.kusbanks.org) Kirwan G.M., Boyla K. A., Castell P., Demirci B., Özén M., Welch H., Marlow T., 2008, Birds of Turkey. Londra, Christopher Helm, 978-1-4081-0475-

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### Ukraine

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**Breeding long-term trend:** 1. Tucker G.M., Heath M.F. Birds in Europe: their conservation status. - Cambridge. U.K. Bird Life Conservation Series №. 3. 1994. 600 p. 2. Hagemajer W.J.M., Blair M.J. The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. Poyser. - London. 1997. 903 p. 3. Heath M.F., Evans M.I. Important birds areas in Europe. Priority sites for conservation. // Southern Europe. BirdLife International. - Cambridge. Vol.2., 2000. P. 691-724. 4. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemeijer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10. 160 p. 5. Gorban I., Flade M. The importance of the Upper Pripyat (Ukraine) for the protection of birds. The ecology and conservation of floodplanins and lowland mires in the Polesya Region. Minsk. 2000. р. 103-110. 6. Численность и размещение гнездящихся околоводных птиц в водно-болотных угодьях Азоово-Черноморского побережья Украины. Под ред. В.Д. Сиохин / Wetland International Київ. 2000. 476 с. 7. Горбань І.М. Рідкісні види птахів Шацького національного парку. // Вісник Львівського університету. Серія біологічна. Вип. 29. 2002. С.188-199. 8. Dombrowski A., Piotrowska M., Gorban I., Nikiforov M. Status and threats to avifauna. (Eds. Dombrowski A., & Z. Glowacki, та інші). Bug river valleyas the ecological corridor: state-threats-protection. IUCN European Programme. Warsaw. 2002. S. 87-102. 9. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 10. Directory of Azov – Black Sea Coastal Wetlands / Ed. By G. Marushevsky – Kyiv, 2003, Wetland International, 235 р. 11. Birds in Europe: Population Estimates, Trends and Conservation Status. BirdLife Conservation Series 12; 2004. 374 р. 12. Directory of Ukraine's Wetlands / Ed. By G. Marushevsky& I. Zaruk. – Kyiv, 2006, Wetland International Black Sea Programme. - 312 с. 13. Бокотей А.А., Дзюбenko Н.В., Горбань І.М. Та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с.

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