

## *Ficedula albicollis* (Collared Flycatcher)

### 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).

*Ficedula albicollis* (Collared Flycatcher)

**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	10-100	<1	2002-2012	poor	0	0	2002-2012	poor	0	0	1980-2012	poor	
Austria	15,000-25,000	1	2001-2012	medium	+	30-70	2000-2011	medium	?				
Belarus	10,000-30,000	1	2001-2012	medium	+	233-400	2001-2012	medium	+	233-400	1980-2012	medium	
Bosnia & HG	5,000-7,000	<1	2010-2014	poor	?				?				
Bulgaria	0-4	<1	2005-2012	medium	?				-	10-30	1980-2012	poor	
Croatia	60,000-150,000	4	2010	poor	?				?				
Czech Rep.	35,000-70,000	2	2001-2003	good	+	101-104	2000-2012	good	+	101-103	1982-2012	good	
Estonia	0-5	<1	2008-2012	medium	+	20-50	2001-2012	medium	+	20-50	1980-2012	medium	
France	2,500-4,500	<1	2008-2012	medium	?				0	0	1985-2013	poor	
Germany	3,000-6,000	<1	2005-2009	good	0	0	1998-2009	medium	0	0	1985-2009	medium	
Hungary	70,000-145,000	5	2000-2012	medium	+	201	1999-2012	medium	?				
Italy	1,000-3,000	<1	2008	poor	?				-		1980-2010	poor	
Kosovo	1,000-1,500	<1	2009-2014	medium	?				?				
Latvia	0-3	<1	2012	medium	0	0	2001-2012	good					
Lithuania	1	<1	2012	poor	?				?				
FYRO Macedonia	2,000-8,000	<1	2001-2012	poor	?				?				
Moldova	5,000-10,000	<1	2000-2010	medium	F	0	2000-2010	medium	0	0	1980-2010	medium	
Montenegro	500-1,500	<1	2002-2012	poor	?				?				
Poland	25,000-46,000	2	2008-2012	good	+	30-420	2000-2012	good	?				
Romania	500,000-1,500,000	40	2010-2013	medium	?				?				
Russia	120,000-200,000	7	2000-2010	medium	+	5-30	2000-2012	medium	+	20-70	1980-2012	medium	
Serbia	13,200-16,700	1	2008-2012	medium	-	1-9	2000-2012	medium	0	0	1980-2012	medium	
Slovakia	70,000-150,000	5	2002	poor	0	0	2000-2012	poor	0	0	1980-2012	poor	
Slovenia	8,500-12,000	<1	2002-2012	medium	+	0-10	2001-2012	medium	+	0-20	1980-2012	poor	
Sweden	4,600-7,000	<1	2008-2012	medium	+	5-25	2001-2012	medium	+	10-40	1980-2012	medium	
Switzerland	10-20	<1	2008-2012	medium	F	0	2001-2012	poor	F	0	1990-2012	poor	
Ukraine	580,000-700,000	29	2000	medium	+	10-25	2001-2012	medium	F	10-25	1980-2012	medium	
<b>EU27</b>	<b>735,000-1,970,000</b>	<b>55</b>			<b>Unknown</b>								
<b>Europe</b>	<b>1,530,000-3,090,000</b>	<b>100</b>			<b>Increasing</b>								

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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	

<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

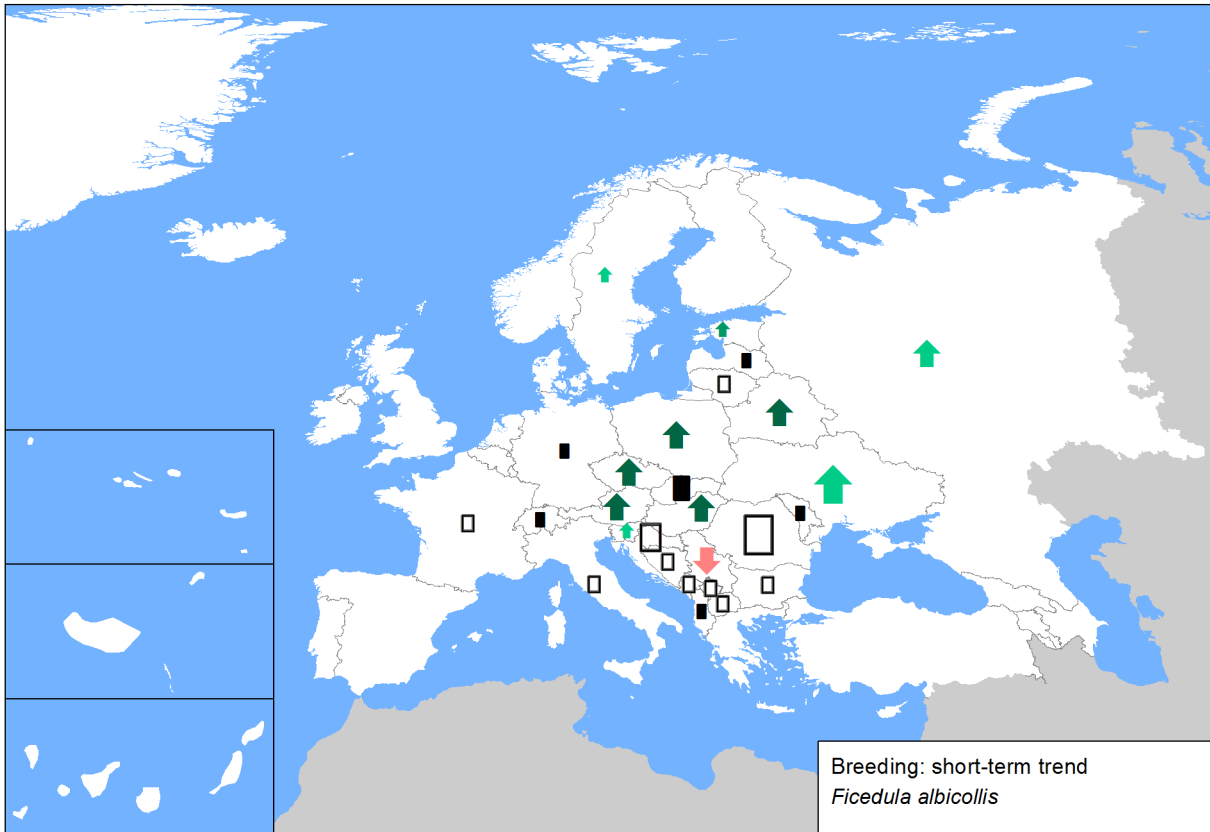
- |   |                                  |
|---|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (20–49%)     |
| ↑ Small increase ( $< 20\%$ )           | ↓ Small decrease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

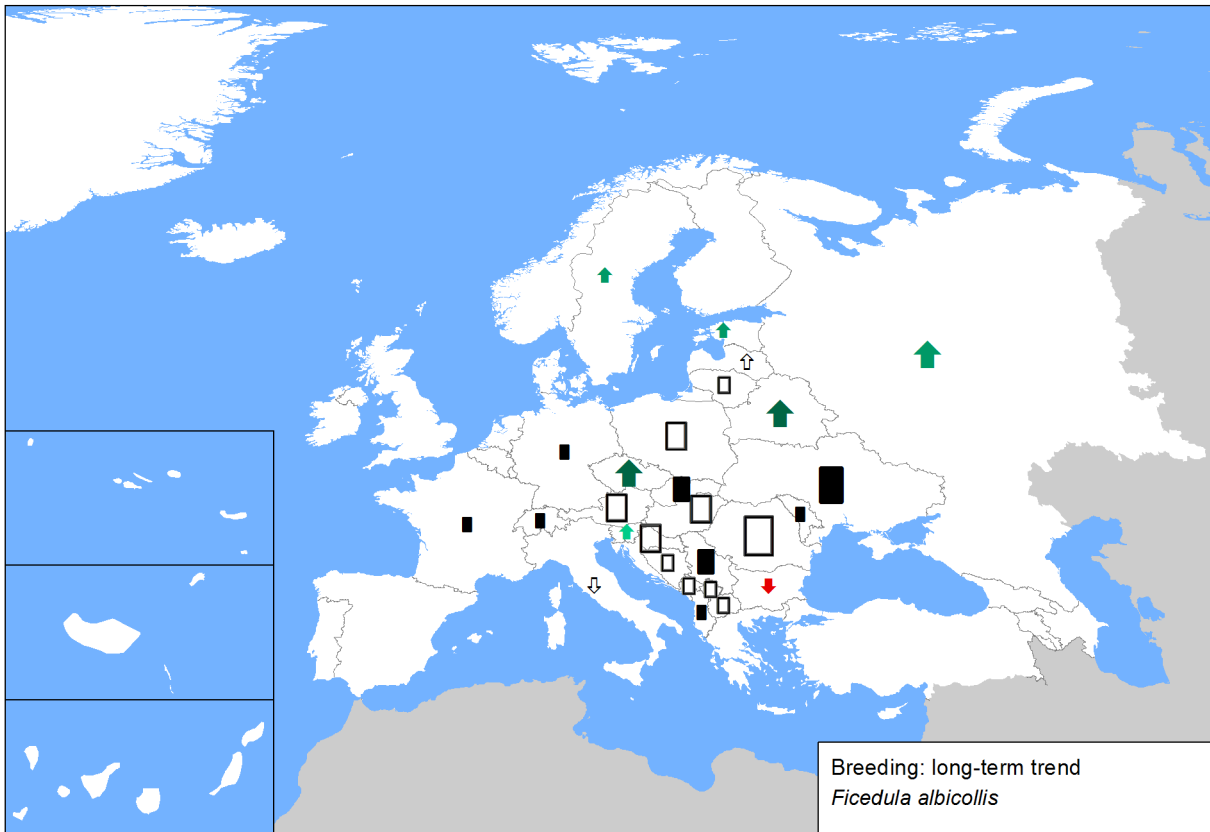
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small:  $< 1\%$  of the European population

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.



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### Sources

#### Albania

<b>Breeding population size:</b> Bino pers. obs.
<b>Breeding short-term trend:</b> Bino pers. obs.
<b>Breeding long-term trend:</b> Bino pers. obs.

#### Austria

<b>Breeding population size:</b> BirdLife Austria, extrapolation on the basis of available unpublished and published population and density data
<b>Breeding short-term trend:</b> N. Teufelbauer based on data from the Austrian Common Breeding Bird Monitoring

#### Belarus

<b>Breeding population size:</b> Dzmitranok M.G. - personal communication
<b>Breeding short-term trend:</b> BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series, No 12).
<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.

#### Bosnia and Herzegovina

<b>Breeding population size:</b> unpublsh data
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#### Bulgaria

<b>Breeding population size:</b> Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p. (In Bulgarian and English) BSPB database P.Shurulinkov,G.Daskalova- unpublished data
<b>Breeding short-term trend:</b> Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p. (In Bulgarian and English)
<b>Breeding long-term trend:</b> Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p. (In Bulgarian and English) BSPB database Nankinov D. (2009) Studies on the fauna of Bulgaria. Aves. Nankinov D (1982) The birds of Sofia city. Orn.inf.bull., 12: 1-382. P.Shurulinkov,G.Daskalova- unpublished data

#### Croatia

<b>Breeding population size:</b> Zavod za ornitologiju (Sanja Barišić, Davor Čiković, Jelena Kralj, Goran Sušić, Vesna Tutiš), 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 Ščetarić, Mirko Šetina, Adrian Tomik (2013): Procjene brojnosti za SPA područja. Državni zavod za zaštitu prirode, Zagreb
<b>Breeding short-term trend:</b> BiE III Work group, Croatia
<b>Breeding long-term trend:</b> BiE III Work group, Croatia

#### Czech Republic

<b>Breeding population size:</b> STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnízdního rozšíření ptaku v České republice. Aventinum Praha.
<b>Breeding short-term trend:</b> Common Bird Monitoring
<b>Breeding long-term trend:</b> Common Bird Monitoring

#### Estonia

<b>Breeding population size:</b> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: <a href="http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf">http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf</a>
<b>Breeding short-term trend:</b> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: <a href="http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf">http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf</a>
<b>Breeding long-term trend:</b> Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008–2012. Hirundo 26(2): 80-112. URL: <a href="http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf">http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf</a>

#### France

<b>Breeding population size:</b> ROCHE J.E., MULLER Y. & SIBLET J.-Ph. 2013 Une méthode d'estimation des oiseaux nicheurs de France, SEOF, p. 241-268 Maly L. 1997 Le Gobemouche à collier <i>Ficedula albicollis</i> en France : répartition, habitat, effectifs, p. 122-131
<b>Breeding short-term trend:</b> Muséum National d'Histoire Naturelle. coord 2012 Cahiers d'habitats Natura 2000 - connaissance et gestion des habitats et des espèces d'intérêt communautaire. Tome 8 Oiseaux (volume 1 de l'Aigle botté à la Fauvette pitchou, 382 pages ; volume 2 de la Fauvette sarde à l'Oie cendrée, 390 pages ; volume 3 de l'Oie des moissons au Venturon montagnard, 384 pages), La documentation française, Paris Paul J.P. & Legay P. 2011 Gobemouche à collier <i>Ficedula albicollis</i> Maly L. 2001 Suivi de l'évolution des effectifs de Gobemouche à collier et caractérisation de son habitat de reproduction en forêt de la Reine, p. 91-97
<b>Breeding long-term trend:</b> Muséum National d'Histoire Naturelle. coord 2012 Cahiers d'habitats Natura 2000 - connaissance et gestion des habitats et des espèces d'intérêt communautaire. Tome 8 Oiseaux (volume 1 de l'Aigle botté à la Fauvette pitchou, 382 pages ; volume 2 de la Fauvette sarde à l'Oie cendrée, 390 pages ; volume 3 de l'Oie des moissons au Venturon montagnard, 384 pages), La documentation française, Paris Paul J.P. & Legay P. 2011 Gobemouche à collier <i>Ficedula albicollis</i> Maly L. 2001 Suivi de l'évolution des effectifs de Gobemouche à collier et caractérisation de son habitat de reproduction en forêt de la Reine, p. 91-97

#### Germany

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

**Breeding short-term trend:** Dachverband Deutscher Avifaunisten e.V.

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

### Hungary

**Breeding population size:** National common bird monitoring scheme (MMM) database. Szép, T., Nagy, K., Nagy, Zs. & Halmos, G. (2012): Population trends of common breeding and wintering birds in Hungary, decline of long-distance migrant and farmland birds during 1999-2012. *Ornis Hungarica* 2012. 20(2): 13-63.

**Breeding short-term trend:** National common bird monitoring scheme (MMM) database. Szép, T., Nagy, K., Nagy, Zs. & Halmos, G. (2012): Population trends of common breeding and wintering birds in Hungary, decline of long-distance migrant and farmland birds during 1999-2012. *Ornis Hungarica* 2012. 20(2): 13-63.

### Italy

**Breeding population size:** Brichetti P & Fracasso G. 2008. *Ornitologia italiana*. Vol.5 (Turdidae-Cisticolidae). Alberto Perdisa Editore, Bologna

**Breeding short-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)

**Breeding long-term trend:** Brichetti P & Fracasso G. 2008. *Ornitologia italiana*. Vol.5 (Turdidae-Cisticolidae). Alberto Perdisa Editore, Bologna 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) 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

**Breeding population size:** www.latvijaspusti.lv

**Breeding short-term trend:** Kērus V. 2011. Latvijas ligzdojoso putnu stavokļa pamainas laika no 1980. līdz 2010. gadam. Promocijas darbs. Rīga: Latvijas Universitāte www.putni.lv www.latvijaspusti.lv

**Breeding long-term trend:** First record (and confirmed breeding) of the species in Latvia was in 2000.

### Lithuania

**Breeding population size:** Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p.

### The Former Yugoslav Republic of Macedonia

**Breeding population size:** Veleviski, M., B. Hallmann, B. Grubač, T. Lisičanec, E. Stojnov, E. Lisičanec, V. Avukatov, L. Božiič, 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:** Burfield I., Bommel van F., *Birds in Europe. Population estimates, trends and conservation status*. BirdLife International. Oxford, 2004. 374p. Zubcov, N., *Birds of Moldova // The Birds of the Western Palearctic*. Oxford University Press, Oxford. 1998, 1850 p.

### 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., Vucanovic, M., Jovanovic, T. (2004): *Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002*. *Ciconia* 12,

### Poland

**Breeding population size:** Chodkiewicz T., Kuczyński L., Sikora A., Ławicki Ł., Chylarecki P., Neubauer G., Meissner W., Rohde Z. 2013. Opracowanie raportu dla Komisji Europejskiej z wdrażania Dyrektywy Ptasiej w Polsce w zakresie Monitoringu Ptaków Polski w Państwowym Monitoringu Środowiska. Sprawozdanie dla Głównego Inspektoratu Ochrony Środowiska. OTOP, Marki.

**Breeding short-term trend:** MPPL: Chylarecki P. 2013. Czynniki kształtujące zmiany liczebności pospolitych ptaków Polski w latach 2000-2012. MiZ PAN Warszawa. Bogucki. Wyd. Nauk. 1-126; Chodkiewicz T., Woźniak B., Chylarecki P. 2012. Monitoring Pospolitych Gatunków Ptaków. In: Podsumowanie sezonu lęgowego Monitoringu Ptaków Polski w 2012 r. OTOP, MiZ, KOO, SOS: 29-45 (source: [http://monitoringptakow.gios.gov.pl/raporty?file=files/pliki/raporty\\_faza4/RaportMPP4\\_etap1\\_zad2%264\\_wiosna2012.pdf](http://monitoringptakow.gios.gov.pl/raporty?file=files/pliki/raporty_faza4/RaportMPP4_etap1_zad2%264_wiosna2012.pdf))

### Romania

**Breeding population size:** Romanian Commonbird Monitoring Programme, 2007-2012 SOR database, Milvus database

**Breeding short-term trend:** Romanian Commonbird Monitoring Programme, 2007-2012 SOR database, Milvus database

**Breeding long-term trend:** Romanian Commonbird Monitoring Programme, 2007-2012 SOR database, Milvus database

### Russia

**Breeding population size:** 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*. *Strept* 3, no. 1-2: 5-37 (in Russian).



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**Breeding short-term trend:** 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).

**Breeding long-term trend:** Belik V.P. et al. 2003. Recent population trends of breeding birds in the Southern Russia. - Strepit 1: 10-30 (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).

### 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

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

**Breeding short-term trend:** Danko Štefan, Darolová Alžbeta, Krištin Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

**Breeding long-term trend:** Danko Štefan, Darolová Alžbeta, Krištin Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002.

### Slovenia

**Breeding population size:** <http://www.ptice.si/atlas/index.php?r=site/page&view=about> BirdLife International (2004): Birds in Europe: population estimates, trends and conservation status. BirdLife Conservation Series No. 12. BirdLife International, Cambridge, UK. Denac, K., T. Mihelič, L. Božič, P. Kmecl, T. Jančar, J. Figelj & B. Rubinič (2011): Strokovni predlog za revizijo posebnih območij varstva (SPA) z uporabo najnovejših kriterijev za določitev mednarodno pomembnih območij za ptice (IBA). Končno poročilo (dopolnjena verzija). Naročnik: Ministrstvo za okolje in prostor. DOPPS – BirdLife, Ljubljana. Geister, I. (1995): Ornitološki atlas Slovenije. DZS, Ljubljana. Božič, L. (2007): Analiza živega sveta na območju Mure med Šentiljem in Veržejem, Segment: PTIČI (Aves). Naročnik: Vodnogospodarski biro Maribor d.d. DOPPS, Ljubljana. Jančar, T. & M. Trebušak (2000): Ptice Kozjanskega regijskega parka. Acrocephalus 21 (100): 107-134. Kmecl, P., T. Jančar & T. Mihelič (2010): Projekt izvedbe popisa ptic v travniških sadovnjakih na območju Kozjanskega regijskega parka v okviru projekta IPA »Od vijeglavke do soka«. Naročnik: Javni zavod Kozjanski park. DOPPS, Ljubljana.

**Breeding short-term trend:** <http://www.ptice.si/atlas/index.php?r=site/page&view=about> Geister, I. (1995): Ornitološki atlas Slovenije. DZS, Ljubljana. BirdLife International (2004): Birds in Europe: population estimates, trends and conservation status. BirdLife Conservation Series No. 12. BirdLife International, Cambridge, UK. Božič, L. (2007): Analiza živega sveta na območju Mure med Šentiljem in Veržejem, Segment: PTIČI (Aves). Naročnik: Vodnogospodarski biro Maribor d.d. DOPPS, Ljubljana. Jančar, T. & M. Trebušak (2000): Ptice Kozjanskega regijskega parka. Acrocephalus 21 (100): 107-134.

**Breeding long-term trend:** <http://www.ptice.si/atlas/index.php?r=site/page&view=about> Geister, I. (1995): Ornitološki atlas Slovenije. DZS, Ljubljana. BirdLife International (2004): Birds in Europe: population estimates, trends and conservation status. BirdLife Conservation Series No. 12. BirdLife International, Cambridge, UK. Božič, L. (2007): Analiza živega sveta na območju Mure med Šentiljem in Veržejem, Segment: PTIČI (Aves). Naročnik: Vodnogospodarski biro Maribor d.d. DOPPS, Ljubljana. Jančar, T. & M. Trebušak (2000): Ptice Kozjanskega regijskega parka. Acrocephalus 21 (100): 107-134.

### Sweden

**Breeding population size:** 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. Sveriges Ornitologiska Förening, Halmstad.

**Breeding short-term trend:** Swedish Bird Survey (Svensk Fågeltaxering), Lund University.

**Breeding long-term trend:** Swedish Bird Survey (Svensk Fågeltaxering), Lund University.

### Switzerland

**Breeding population size:** Swiss Ornithological Institute: <http://www.vogelwarte.ch/information-service-monitoring-rare-breeding-and-visiting-birds.html>

**Breeding short-term trend:** Swiss Ornithological Institute: <http://www.vogelwarte.ch/information-service-monitoring-rare-breeding-and-visiting-birds.html>

**Breeding long-term trend:** Swiss Ornithological Institute: <http://www.vogelwarte.ch/information-service-monitoring-rare-breeding-and-visiting-birds.html>

### Ukraine

**Breeding population size:** 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. Hagemajier 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. 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. 5. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 6. Birds in Europe: Population Estimates, Trends and Conservation Status. BirdLife Conservation Series 12; 2004. 374 p. 7. Бокотей А.А., Дзюбенко Н.В., Горбань І.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с.

**Breeding short-term trend:** 1. Gorban I, Flade M. The importance of the Upper Pripyat (Ukraine) for the protection of birds. The ecology and conservation of floodplains and lowland mires in the Polesya Region. Minsk. 2000. p. 103-110. 2. 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. 3. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 4. Бокотей А.А., Дзюбенко Н.В., Горбань І.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с.

**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. Hagemajier 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. 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. 5. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 6. Бокотей А.А., Дзюбенко Н.В., Горбань І.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с.



## **Bibliography**

Hagemeijer, W.J.M. & Blair, M.J. (1997) The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. T & A D Poyser, London.

Taylor, B. (2006) Collared Flycatcher (*Ficedula albicollis*). In: del Hoyo, J., Elliott, A., Sargatal, J., Christie, D.A. & de Juana, E. (eds.) (2014). Handbook of the Birds of the World Alive. Lynx Edicions, Barcelona. (retrieved from <http://www.hbw.com/node/59049> on 30 March 2015).