



THE IUCN RED LIST  
OF THREATENED SPECIES™



## ***Saxicola torquatus (Common Stonechat)***

### **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).

#### **Contents**

Reported national population sizes and trends	p. 2
Trend maps of reported national population data	p. 4
Sources of reported national population data	p. 6
Species factsheet bibliography	p. 11

#### **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).

*Saxicola torquatus* (Common Stonechat)

**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	3,000-10,000	<1	2002-2012	medium	0	0	2002-2012	medium	0	0	1980-2012	poor	
Andorra	50-80	<1	1999-2001	medium	?				?				
Armenia	3,000-25,000	<1	2002-2012	medium	?				?				
Austria	8,000-13,000	<1	2001-2012	medium	0	0	2001-2012	medium	?				
Azerbaijan	40,000-50,000	1	2014	poor	0.0	0	2000-2014	poor	0.0	0	1980-2014	poor	
Belarus	1-2	<1	2001-2007	medium	+	0-100	2001-2007	medium	?				
Belgium	8,000-13,000	<1	2008-2012	medium	+	45-177	2000-2012	medium	+	208-400	1973-2012	medium	
Bosnia & HG	20,000-30,000	<1	2010-2014	poor	?				?				
Bulgaria	2,500-5,500	<1	2005-2012	medium	-	5-20	2000-2012	medium	F	0-5	1980-2012	medium	
Croatia	100,000-150,000	2	2014	medium	?				?				
Czech Rep.	2,500-5,000	<1	2012	medium	F	0	2000-2012	good	F	0	1982-2012	good	
Denmark	58	<1	2011	medium	-	20-33	1999-2011	medium	+	100-1000	1980-2011	medium	
Finland	0-1	<1	2006-2010	medium	0	0	2001-2012	medium	+		1992-2012	medium	
France	250,000-500,000	5	2008-2012	medium	-	27	2001-2011	medium	0	0	1989-2011	medium	
Georgia	Present	<1			?				?				
Germany	12,000-21,000	<1	2005-2009	good	+	48-309	1998-2009	good	+	12-183	1990-2009	good	
Greece	60,000-80,000	1	2007-2013	good	0	0	2007-2013	medium	?				
Hungary	360,000-434,000	6	2000-2012	medium	-	24	1999-2012	medium	?				
Rep. Ireland	36,065-107,453	1	2006-2011	good	-	29-60	1998-2011	good	?				
Italy	300,000-600,000	6	2008	poor	-	40-50	2000-2012	medium	-	35-45	1990-2012	poor	
Kosovo	500-800	<1	2009-2014	medium	?				?				
Liechtenstein	30-50	<1	2009-2014	good	0	0	2003-2014	good	+	400-500	1980-2014	medium	
Lithuania	1-5	<1	2012	medium	+		2011-2012						
Luxembourg	400-500	<1	2008-2012	medium	+	0-20	2002-2012	poor	+	30-50	1980-2012	poor	
FYRO Macedonia	1,000-2,500	<1	2001-2012	poor	?				?				
Moldova	1,500-2,000	<1	2000-2010	medium	F	0	2000-2010	medium	0	0	1980-2010	medium	
Montenegro	500-1,000	<1	2002-2012	poor	?				?				
Netherlands	13,313-14,337	<1	2008-2011	medium	+	107-128	2002-2011	good	+	655-805	1980-2011	good	
Norway	7-14	<1	2008-2013	medium	F	0	2000-2013	medium	F	0	1980-2013	good	
Poland	110,000-150,000	2	2008-2012	good	+	15-80	2000-2012	good	?				
Portugal	500,000-1,000,000	11	2008-2012	medium	0	0	2004-2011	medium	?				
Romania	350,000-700,000	7	2010-2013	medium	F	0-20	2001-2013	medium	?				

*Saxicola torquatus* (Common Stonechat)

**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	
Russia	130,000-400,000	3	2002-2008	medium	+	5-30	2002-2012	medium	+	5-30	1980-2012	medium	
Serbia	10,300-14,900	<1	2008-2012	medium	0	0	2000-2012	medium	+	10-29	1980-2012	medium	
Slovakia	20,000-40,000	<1	2000-2012	medium	-	10-20	2000-2012	medium	-	1-25	1980-2012	medium	
Slovenia	32,000-59,000	1	2002-2012	good	-	40-50	2001-2012	medium	-	40-50	1980-2012	poor	
Spain	3,230,000-4,560,000	48	2004-2006	good	-	28	1998-2011	good	-		1980-2011	medium	
Sweden	1-7	<1	2008-2012	good	+	0-400	2001-2012	good	+	0-700	1980-2012	good	
Switzerland	600-1,000	<1	2008-2012	medium	+	10-23	2001-2012	medium	+	71-130	1990-2012	medium	
Turkey	120,000-200,000	2	2013	poor	0	0	2000-2012	poor	-	0-19	1990-2013	poor	
Ukraine	26,000-38,000	<1	2000	medium	0	0	1998-2010	medium	+	15-25	1980-2010	medium	
United Kingdom	39,000-79,000	1	2009	medium	0	0	1998-2010	good	?				
EU27	5,330,000-8,380,000	91		Decreasing									
Europe	5,790,000-9,310,000	100		Decreasing									

<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  |

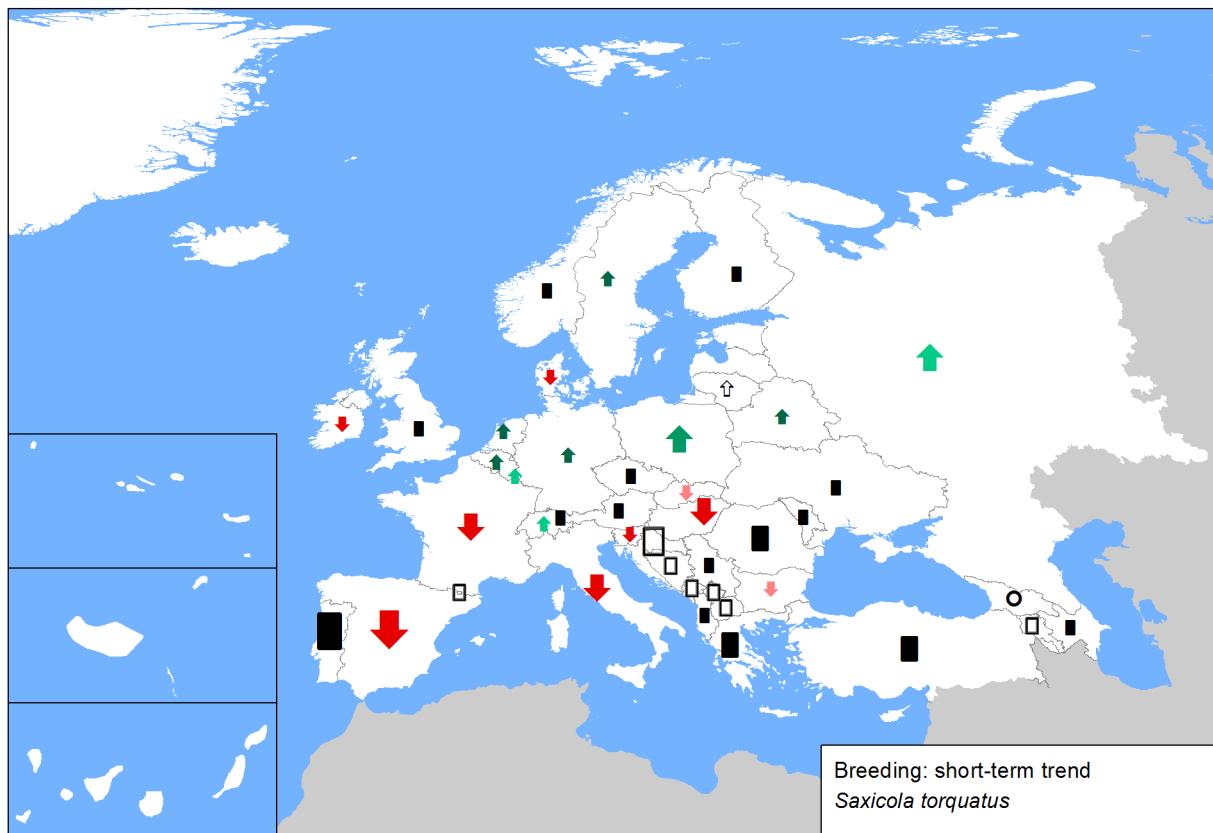
- Stable or fluctuating
- Unknown
- Present (no population or trend data)
- ✗ Extinct since 1980

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.

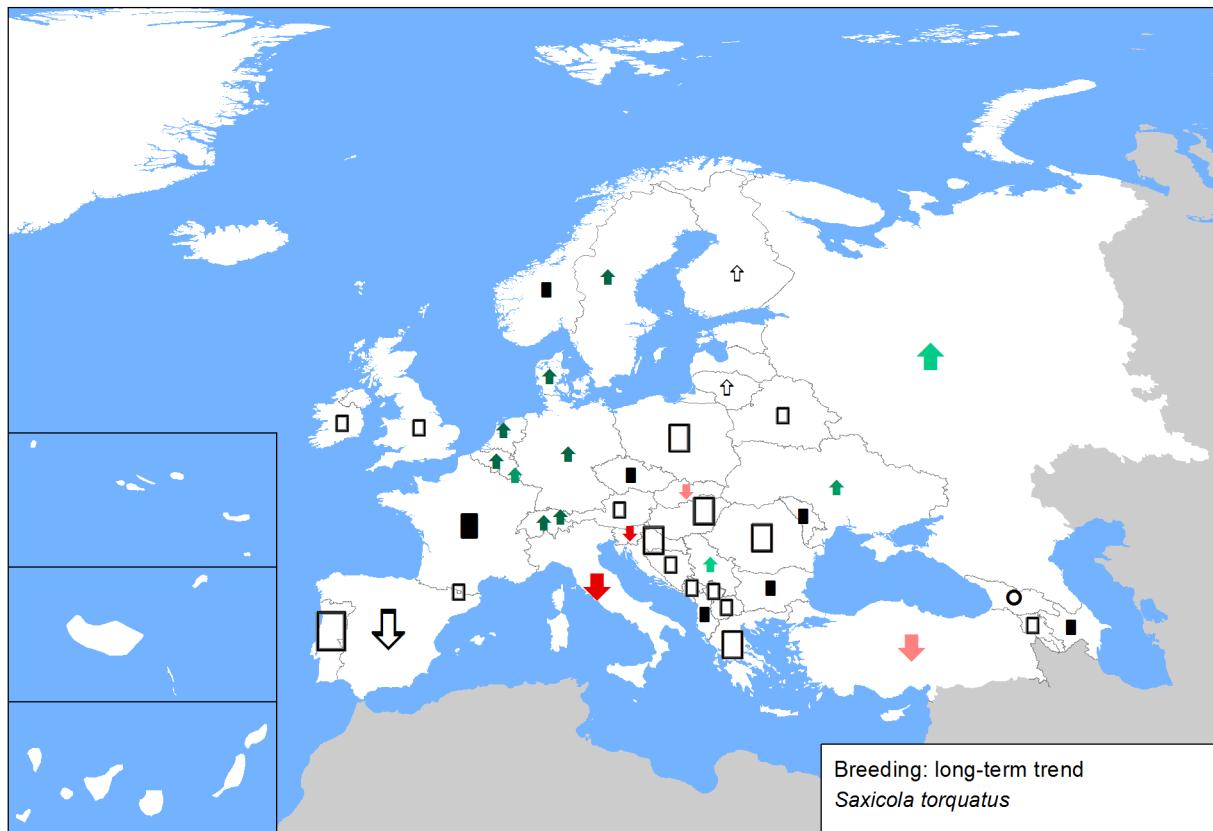
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small: <1% of the European population

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.



*Saxicola torquatus* (Common Stonechat)

## Sources

### Albania

Breeding population size: Bino pers. obs.

Breeding short-term trend: Bino pers. obs.

Breeding long-term trend: Bino pers. obs.

### Andorra

Breeding population size: BirdLife International 2004

### Armenia

Breeding population size: ASPB data

### Austria

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

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

### Azerbaijan

Breeding population size: AOS data base

Breeding short-term trend: AOS data base

Breeding long-term trend: AOS data base

### Belarus

Breeding population size: Abramchuk A.W., Abramchuk S.W., Prokopchuk W.W., Hvaley A.S. Stonechat (*Saxicola torquata*) - a new breeding species in Belarus. // Subbuteo. - 2003. - V.6. - P.47-48 Kitel D.A., Abramchuk A.W., Abramchuk S.W., Prokopchuk W.W. New data on the Stonechat (*Saxicola torquata*) in Belarus. //Subbuteo. - 2011. - V.10. - P.53-54

Breeding short-term trend: Abramchuk A.W., Abramchuk S.W., Prokopchuk W.W., Hvaley A.S. Stonechat (*Saxicola torquata*) - a new breeding species in Belarus. // Subbuteo. - 2003. - V.6. - P.47-48 Kitel D.A., Abramchuk A.W., Abramchuk S.W., Prokopchuk W.W. New data on the Stonechat (*Saxicola torquata*) in Belarus. //Subbuteo. - 2011. - V.10. - P.53-54

### Belgium

Breeding population size: Data Breeding Bird atlas Wallonia (Jacob et al 2010), Brussels (Weiserbs 2012) and Flanders (Vermeersch et al 2004) in combination with trend data.

Breeding short-term trend: Common bird monitoring schemes

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. Ornitolosko društvo "Naše ptice", interno izdanje za projekat "Evaluacija IBA područja u FBiH", Sarajevo.

### Bulgaria

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. Common birds monitoring scheme in Bulgaria (<http://bspb.org/monitoring/bg/index.html>) BSPB Bird 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. Common birds monitoring scheme in Bulgaria (<http://bspb.org/monitoring/bg/index.html>)

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. Common birds monitoring scheme in Bulgaria (<http://bspb.org/monitoring/bg/index.html>)

### Croatia

Breeding population size: BiE III Work group, Croatia

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

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

### Czech Republic

Breeding population size: STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnizdneho rozsireni ptaku v České republice. Aventinum Praha. JPSP: <http://jpsp.birds.cz/vysledky.php?taxon=736>

Breeding short-term trend: JPSP: <http://jpsp.birds.cz/vysledky.php?taxon=736>

Breeding long-term trend: JPSP: <http://jpsp.birds.cz/vysledky.php?taxon=736>

### Denmark

Breeding population size: Lange, Peter (2012): Fugleåret 2011. Dansk Ornitoligisk Forening.

## *Saxicola torquatus* (Common Stonechat)

### Denmark

**Breeding short-term trend:** Nyegaard et al. (2014): Truede og sjældne ynglefugle i Danmark 1998-2012 - With a summary in English: Rare and threatened breeding birds in Denmark 1998-2012. DOFT 108(1). In prep. Nyegaard, T. (2012): Truede og sjældne ynglefugle i Danmark 2011. Trykt hos Svendborg Tryk Eskildsen, A. & T. Vikstrøm. (2010): Truede og sjældne ynglefugle i Danmark 2010. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2009): Truede og sjældne ynglefugle i Danmark 2008. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2008): Truede og sjældne ynglefugle i Danmark 2007. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2007): Truede og sjældne ynglefugle i Danmark 2006. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2006): Truede og sjældne ynglefugle i Danmark 2005. DOFT 100: 11-28. Nyegaard, T. & M.B. Grell (2005): Truede og sjældne ynglefugle i Danmark 2004. DOFT 99: 88-106. Grell, M.B., Heldbjerg, H., Rasmussen, B., Stabell, M., Toft, J. & T. Vikstrøm (2004): Truede og sjældne ynglefugle i Danmark 1998-2003. Midtvejsrapport fra Dansk Ornitoligisk Forenings Arbejdsgruppe for Truede og Sjældne Ynglefugle (DATSY). DOFT 98: 45-100.

**Breeding long-term trend:** Nyegaard et al. (2014): Truede og sjældne ynglefugle i Danmark 1998-2012 - With a summary in English: Rare and threatened breeding birds in Denmark 1998-2012. DOFT 108(1). In prep. Nyegaard, T. (2012): Truede og sjældne ynglefugle i Danmark 2011. Trykt hos Svendborg Tryk Eskildsen, A. & T. Vikstrøm. (2010): Truede og sjældne ynglefugle i Danmark 2010. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2009): Truede og sjældne ynglefugle i Danmark 2008. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2008): Truede og sjældne ynglefugle i Danmark 2007. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2007): Truede og sjældne ynglefugle i Danmark 2006. Dansk Ornitoligisk Forening. Nyegaard, T. & M.B. Grell (2006): Truede og sjældne ynglefugle i Danmark 2005. DOFT 100: 11-28. Nyegaard, T. & M.B. Grell (2005): Truede og sjældne ynglefugle i Danmark 2004. DOFT 99: 88-106. Grell, M.B., Heldbjerg, H., Rasmussen, B., Stabell, M., Toft, J. & T. Vikstrøm (2004): Truede og sjældne ynglefugle i Danmark 1998-2003. Midtvejsrapport fra Dansk Ornitoligisk Forenings Arbejdsgruppe for Truede og Sjældne Ynglefugle (DATSY). DOFT 98: 45-100. Grell, Michael Borch (1998): Fuglenes Danmark. Gads forlag i samarbejde med Dansk Ornitoligisk Forening. Sørensen, Uffe Gjøl (1995): Rare and endangered breeding birds in Denmark, 1976-1991. DOFT 89: 1-48.

### Finland

**Breeding population size:** Väisänen, Risto A., Harjo, Martti & Saurola, Pertti 2011: Population estimates of Finnish birds. In: Valkama, Jari, Vepsäläinen, Ville & Lehikoinen, Aleksi 2011: The Third Finnish Breeding Bird Atlas. – Finnish Museum of Natural History and Ministry of Environment. (cited [15.11.2013]) ISBN 978-952-10-7145-4.

**Breeding short-term trend:** Valkama, Jari, Vepsäläinen, Ville & Lehikoinen, Aleksi 2011: Suomen III Lintuatlas. – Luonnon tiedeellinen keskuskulttuuri ja ympäristöministeriö. (viitattu [15.11.2013]) ISBN 978-952-10-6918-5.

**Breeding long-term trend:** Valkama, Jari, Vepsäläinen, Ville & Lehikoinen, Aleksi 2011: Suomen III Lintuatlas. – Luonnon tiedeellinen keskuskulttuuri ja ympäristöministeriö. (viitattu [15.11.2013]) ISBN 978-952-10-6918-5.

### France

**Breeding population size:** <http://www.atlas-ornitho.fr/> Atlas des oiseaux nicheurs de France

**Breeding short-term trend:** <http://vigenature.mnhn.fr/page/tarier-patre>

**Breeding long-term trend:** <http://vigenature.mnhn.fr/page/tarier-patre>

### Georgia

**Breeding population size:** BirdLife International 2004

### Germany

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

**Breeding short-term trend:** Monitoring häufiger Brutvögel

**Breeding long-term trend:** Monitoring häufiger Brutvögel

### Greece

**Breeding population size:** Hellenic Common Birds Monitoring Scheme database, Hellenic Ornithological Society

**Breeding short-term trend:** Hellenic Common Birds Monitoring Scheme database, Hellenic Ornithological Society

### 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.

### Republic of Ireland

**Breeding population size:** Crowe, O., Musgrave, A.J. & O'Halloran, J. (2014). Generating population estimates for common and widespread breeding birds in Ireland. *Bird Study* 61 (1) 82 - 90.

**Breeding short-term trend:** Crowe, O. (2013). Calculation of short-term trends for Common and Widespread Breeding Birds for Article 12 Reporting. Unpublished report.

**Breeding long-term trend:** Balmer, D., Gillings, S., Caffrey, B., Swan, B., Downie, I. & Fuller, R. (2013) *Bird Atlas 2007-11 The breeding and wintering birds of Britain and Ireland*. British Trust for Ornithology. Expert opinion - O. Crowe, BirdWatch Ireland, <http://birdwatchireland.ie/>. Sharrock, J.T.R. (1976) *The Atlas of Breeding Birds in Britain and Ireland*. T. & AD Poyser.

### Italy

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

**Breeding short-term trend:** Rete Rurale Nazionale & LIPU 2013. *Uccelli comuni in Italia. Gli andamenti di popolazione dal 2000 al 2012*

**Breeding long-term trend:** BirdLife International 2004. *Birds in Europe: population estimates, trends and conservation status* Cambridge, UK: BirdLife International. BirdLife Conservation Series No. 12 Rete Rurale Nazionale & LIPU 2013. *Uccelli comuni in Italia. Gli andamenti di popolazione dal 2000 al 2012*

### Kosovo

**Breeding population size:** NGO "Finch" (2014)

## *Saxicola torquatus* (Common Stonechat)

### Liechtenstein

**Breeding population size:** Willi, G. (2014) Unpublished collection data

**Breeding short-term trend:** Willi, G. (2006) Die Vögel des Fürstentums Liechtenstein. Amtlicher Lehrmittelverlag, Vaduz (Naturkundliche Forschung im Fürstentum Liechtenstein, Bd. 22).

**Breeding long-term trend:** Willi, G. & M.F. Broggi (1986) Die Vogelwelt des Fürstentums Liechtenstein unter Berücksichtigung der benachbarten Gebiete; Teil III: Passeriformes. Ber. Bot.-Zool. Ges. Liechtenstein-Sargans-Werdenberg, Band 15, S. 37-82.; Willi, G. (2006) Die Vögel des Fürstentums Liechtenstein. Amtlicher Lehrmittelverlag, Vaduz (Naturkundliche Forschung im Fürstentum Liechtenstein, Bd. 22).

### 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.

**Breeding long-term trend:** Species first bred (one pair) in 2012.

### Luxembourg

**Breeding population size:** LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg 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., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3

**Breeding long-term trend:** LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3

### The Former Yugoslav Republic of Macedonia

**Breeding population size:** M. Velevski, unedited data

### 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. Munteanu A., Zubcov, N., Cozari T. Păsări. Lumea animală. Știință, 2006, Vol. 3, 220p.

### 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

**Breeding population size:** NEM, Sovon en CBS, SOVON (2002)

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

**Breeding long-term trend:** Sovon

### Norway

**Breeding population size:** Shimmings P. & Øien, I.J. 2015. Bestandsestimater og trender for norske hekkefugler. NOF-rapport 2015-2.

**Breeding short-term trend:** ST trend sources are the same as Popualtion sources (2.6)

**Breeding long-term trend:** (1). Norsk faunakomiteen for fugler (NFKF). (2). Artsobservasjoner.no. (3). Shimmings, P. & Øien, I.J. 2014 (in prep.). Bestandsestimater og trender for norske hekkefugler. NOF-Rapport 2014-11. (4). Munkejord, Aa. 1981. The Stonechat *Saxicola torquata* in western Norway south of 62°N 1973-1980. Fauna Norvegica serie C, Cinclus. 10: 73-80. (5). Sætre, S. 2005. Svartstrupen *Saxicola torquata* – reetableret på Nordvestlandet. Rallus 34: 102-109.

### Poland

**Breeding population size:** Chodkiewicz T., Kuczynski 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. MiłZ 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, MiłZ, 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))

### Portugal

**Breeding population size:** Equipa Atlas (2008). Atlas das Aves Nidificantes em Portugal (1999-2005). Instituto da Conservação da Natureza e da Biodiversidade, Sociedade Portuguesa para o Estudo das Aves, Parque Natural da Madeira e Secretaria Regional do Ambiente e do Mar. Assírio e Alvim. Lisboa; Programa Censos de Aves Comuns (CAC)

**Breeding short-term trend:** Programa Censos de Aves Comuns (CAC)

### 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

## *Saxicola torquatus* (Common Stonechat)

### Russia

**Breeding population size:** Ravkin E.S., Ravkin Yu.S. 2005. Birds of Northern Eurasian plains: numbers, distribution, spatial organization of communities. Novosibirsk, Nauka: 304 p. (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). Sarychev V.S., unpublished. vssar@yandex.ru Belik V.P. 2005. Cadastre of breeding avifauna of South Russia. Strepot 3, no. 1-2: 5-37 (in Russian).

**Breeding short-term trend:** Sarychev V.S. (ed.) 2009. Vertebrates of Lipetsk Region. Voronezh: 494 p. (in Russian). Sarychev V.S., unpublished. vssar@yandex.ru Borodin O.V., Smirnova S.L., unpublished. spinus73@mail.ru Belik V.P., unpublished. vpbelik@mail.ru

**Breeding long-term trend:** Belik V.P. et al. 2003. Recent population trends of breeding birds in the Southern Russia. - Strepot 1: 10-30 (in Russian). Borodin O.V., Smirnova S.L., unpublished. spinus73@mail.ru

### 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. Krištin, A.

**Breeding short-term trend:** Krištin, A.

**Breeding long-term trend:** Krištin, A.

### Slovenia

**Breeding population size:** Mihelič, T. (2013): Novi ornitološki atlas gnezdišč Slovenije 2002-2010. Internetna baza podatkov. Spletna stran: <http://www.ptice.si/atlas>. Društvo za opazovanje in proučevanje ptic Slovenije, DOPPS - BirdLife Slovenija. Ljubljana.

**Breeding short-term trend:** Kmecl, P. & Figelj, J. (2013): Monitoring splošno razširjenih vrst ptic za določitev slovenskega indeksa ptic kmetijske krajine - poročilo za leto 2013. – DOPPS, Ljubljana. [http://www.natura2000.gov.si/uploads/tx\\_library/SIPKK\\_2013\\_1.pdf](http://www.natura2000.gov.si/uploads/tx_library/SIPKK_2013_1.pdf) - izračunano iz letnega upada v obdobju 2008-2013

**Breeding long-term trend:** Geister, I. (1995): Ornitoloski atlas Slovenije. DZS, Ljubljana. NOAGS (DOPPS neobjavljeno)

### Spain

**Breeding population size:** Carrascal, L.M. & D. Palomino (2008). Las aves comunes reproductoras en España. Población en 2004-2006. (Seguimiento de Aves, 19). SEO/BirdLife. Madrid. 202 pp. [http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/19\\_paseriformes\\_2004\\_2006\\_tcm7-218232.pdf](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/19_paseriformes_2004_2006_tcm7-218232.pdf)

**Breeding short-term trend:** SEO/BirdLife (2012). Programa de seguimiento de Avifauna de SEO/BirdLife 2011. SEO/BirdLife. Madrid. 35 pp. Gráfica de la tendencia poblacional de la especie (1998-2011): [http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/tarabilla\\_comun\\_tcm7-219887.pdf](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/tarabilla_comun_tcm7-219887.pdf)

**Breeding long-term trend:** SEO/BirdLife (2012). Programa de seguimiento de Avifauna de SEO/BirdLife 2011. SEO/BirdLife. Madrid. 35 pp. Carrascal, L.M. & D. Palomino (2008). Las aves comunes reproductoras en España. Población en 2004-2006. (Seguimiento de Aves, 19). SEO/BirdLife. Madrid. 202 pp. [http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/19\\_paseriformes\\_2004\\_2006\\_tcm7-218232.pdf](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/19_paseriformes_2004_2006_tcm7-218232.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) Purroy, F.J. (Coord.) (1997). Atlas de las aves de España (1975-1995). SEO/BirdLife. Lynx Edicions. Barcelona. 583 pp.

### 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:** 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. Swiss Ornithological Institute: Updated based on population trend.

**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. Min Max refer to 95% Confidence interval.

**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.

### Turkey

**Breeding population size:** 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-

**Breeding short-term trend:** Doğa Derneği, Eken G., Bozdoğan M., İsfendiyaroğlu S., Kılıç D.T., Lise Y. (2006) Key Biodiversity Areas of Turkey (Türkiye'nin Önemli Doğa Alanları) Doğa Derneği, Ankara, KILIÇ, T., EKEN, G. 2004, Türkiye'nin Önemli Kuş Alanları Güncellemesi, Doğa Derneği. Ankara.

**Breeding long-term trend:** Birdlife International (2004) Birds in Europe: population estimates, trends and conservation status, Cambridge UK: Birdlife International (Birdlife Conservation series no: 12)

## *Saxicola torquatus* (Common Stonechat)

### Ukraine

**Breeding population size:** 1. Hagemaijer W.J.M., Blair M.J. The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. Poyser. - London. 1997. 903 p. 2. 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. 3. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemeyer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 4. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158.

**Breeding short-term trend:** 1. Бокотей А.А., Дзюбенко Н.В., Горбань І.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с. 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.М. Рідкісні види птахів Шацького національного парку. // Вісник Львівського університету. Серія біологічна. Вип. 29. 2002. С.188-199.

**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. Hagemaijer 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. Hagemeyer/ BirdLife International/EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 5. Горбань І.М., Бокотей А.А. Вплив трансформаційних процесів на фауну та населення птахів басейну Верхнього Дністра. Дослідження басейнової екосистеми Верхнього Дністра. Збірник наукових праць. 2000. С.145 – 155. 6. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 7. Birds in Europe: Population Estimates, Trends and Conservation Status. BirdLife Conservation Series 12; 2004. 374 р. 8. Бокотей А.А., Дзюбенко Н.В., Горбань І.М. та інші. Гніздова орнітофауна басейну Верхнього Дністра. – Львів: ЛНУ, 2010. – 400 с.

### United Kingdom

**Breeding population size:** Newson, S.E., Evans, K.L., Noble, D.G., Greenwood, J.J.D. & Gaston, K.J. 2008. Use of distance sampling to improve estimates of national population sizes for common and widespread breeding birds in the UK. Journal of Applied Ecology 45: 1330–1338. Musgrove, A.J., Aebscher, N.J., Eaton, M.A., Hearn, R.D., Newson, S.E., Noble, D.G., Parsons, M., Risely, K. & Stroud, D.A. 2013. Population estimates of birds in Great Britain and the United Kingdom. British Birds 106: 64-100.

**Breeding short-term trend:** BTO/JNCC/RSPB Breeding Bird Survey data: Risely, K., Massimino, D., Johnston, A., Newson, S.E., Eaton, M.A., Musgrove, A.J., Noble, D.G., Procter, D. & Baillie, S.R. 2012. The Breeding Bird Survey 2011. BTO Research Report 624. British Trust for Ornithology, Thetford. <http://www.bto.org/sites/default/files/u16/downloads/reports/bbsreport11.pdf> [Short-term trend is -2.1%]

## Bibliography

- Collar, N. 2005. Common Stonechat (*Saxicola torquatus*). In: del Hoyo, J., Elliott, A., Sargatal, J., Christie, D.A. and de Juana, E. (eds.) 2014. *Handbook of the Birds of the World Alive*. Lynx Edicions, Barcelona. (retrieved from <http://www.hbw.com/node/58515> on 30 March 2015).
- Snow, D.W. and Perrins, C.M. 1998. *The Birds of the Western Palearctic vol. 2: Passerines*. Oxford University Press, Oxford.
- Tucker, G.M. and Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series no. 3, BirdLife International, Cambridge.