

## ***Anthus pratensis* (Meadow Pipit)**

### **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. 10

#### **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).

*Anthus pratensis* (Meadow Pipit)

**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	
Andorra	0-10	<1	1999-2001	poor	?				?				
Armenia	15,000-35,000	<1	2002-2012	medium	?				?				
Austria	500-700	<1	2001-2012	medium	-	30-50	2001-2012	poor	?				
Belarus	180,000-230,000	2	2000-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	medium	
Belgium	4,000-7,000	<1	2008-2012	medium	-	8-47	2000-2012	medium	-	80-89	1973-2012	medium	
Czech Rep.	35,000-70,000	<1	2012	medium	-	84-99	2000-2012	good	-	208-373	1982-2012	good	
Denmark	21,000	<1	2011	medium	-	20-33	1999-2011	good	-	33-50	1980-2011	good	
DK: Faroe Is	500-2,000	<1	2014	medium	?				?				
DK: Greenland	10-500	<1	2000-2012	poor	?				?				
Estonia	150,000-200,000	1	2008-2012	medium	-	20-50	2001-2012	medium	-	20-50	1980-2012	medium	
Finland	500,000-750,000	5	2006-2012	good	-	17-43	2001-2012	good	-	16-38	1983-2012	good	
France	9,000-18,000	<1	2008-2012	poor	-	36	2001-2011	medium	-	89	1989-2011	medium	
Georgia	Present	<1			?				?				
Germany	40,000-64,000	<1	2005-2009	good	-	63-76	1998-2009	good	-	72-86	1990-2009	good	
Iceland	500,000-1,000,000	6	1990	poor	+	10-29	1990-2010	poor	?				
Rep. Ireland	726,900-1,869,060	8	2006-2011	good	-	41-52	1998-2011	good	?				
Latvia	37,329-134,213	1	2010	good	-	1-50	2001-2012	good	-	29-80	1995-2012	good	
Lithuania	50,000-100,000	1	2008-2012	medium	-	10-20	2001-2012	medium	-	10-30	1980-2012	medium	
Luxembourg	150-250	<1	2008-2012	medium	-	60-70	2000-2012	medium	?				
Moldova	100-300	<1	2000-2010	medium	-	20-40	2000-2010	medium	F	0	1980-2010	medium	
Netherlands	62,008-77,480	1	2008-2011	medium	0	0	2002-2011	good	0	0	1984-2011	good	
Norway	3,500,000-4,000,000	32	2000-2013	poor	-	15-25	2002-2012	medium	-	0-25	1980-2013	good	
NO: Svalbard	1	<1	2001-2013	poor	?				?				
Poland	270,000-480,000	3	2008-2012	good	-	50-60	2000-2012	good	?				
Romania	5-20	<1	2008-2013	poor	?				?				
Russia	1,200,000-2,500,000	15	2000-2008	poor	?				?				
Slovakia	250-500	<1	2002	poor	0	0	2000-2012	poor	0	0	1980-2012	poor	
Sweden	544,000-1,105,000	7	2008-2012	medium	-	28-42	2001-2012	good	0	0	1980-2012	good	
Switzerland	300-450	<1	2008-2012	medium	-	3-51	2001-2012	good	-	10-32	1990-2012	medium	
Ukraine	21,000-26,000	<1	2000	medium	F	10-20	1998-2010	medium	F	20-25	1980-2010	medium	
United Kingdom	1,800,000-2,300,000	17	2009	medium	-	23-32	1998-2010	good	-	50	1980-2010	good	
<b>EU27</b>	<b>4,250,000-7,200,000</b>	<b>46</b>			<b>Decreasing</b>								

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**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	
Europe	9,670,000-15,000,000	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

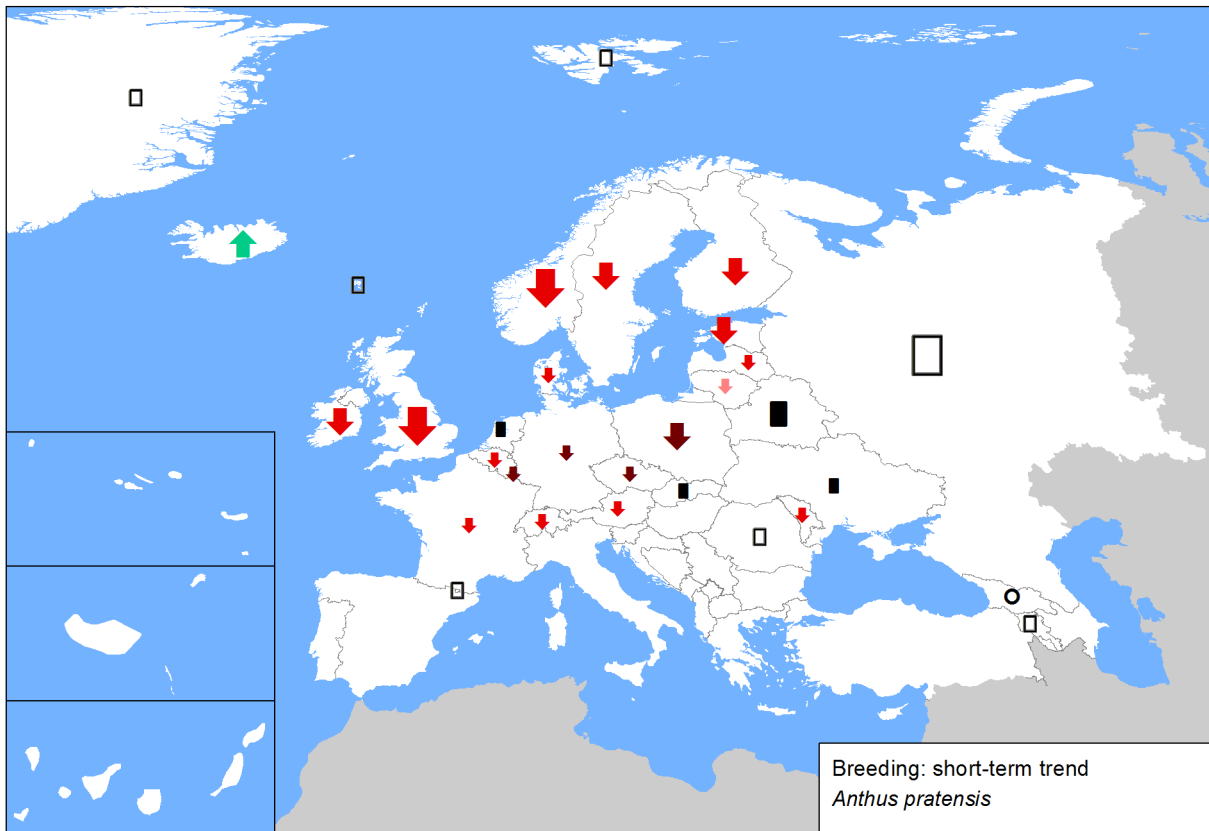
- |   |                                  |
|---|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (20–49%)     |
| ↑ Small increase ( $< 20\%$ )           | ↓ Small decrease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

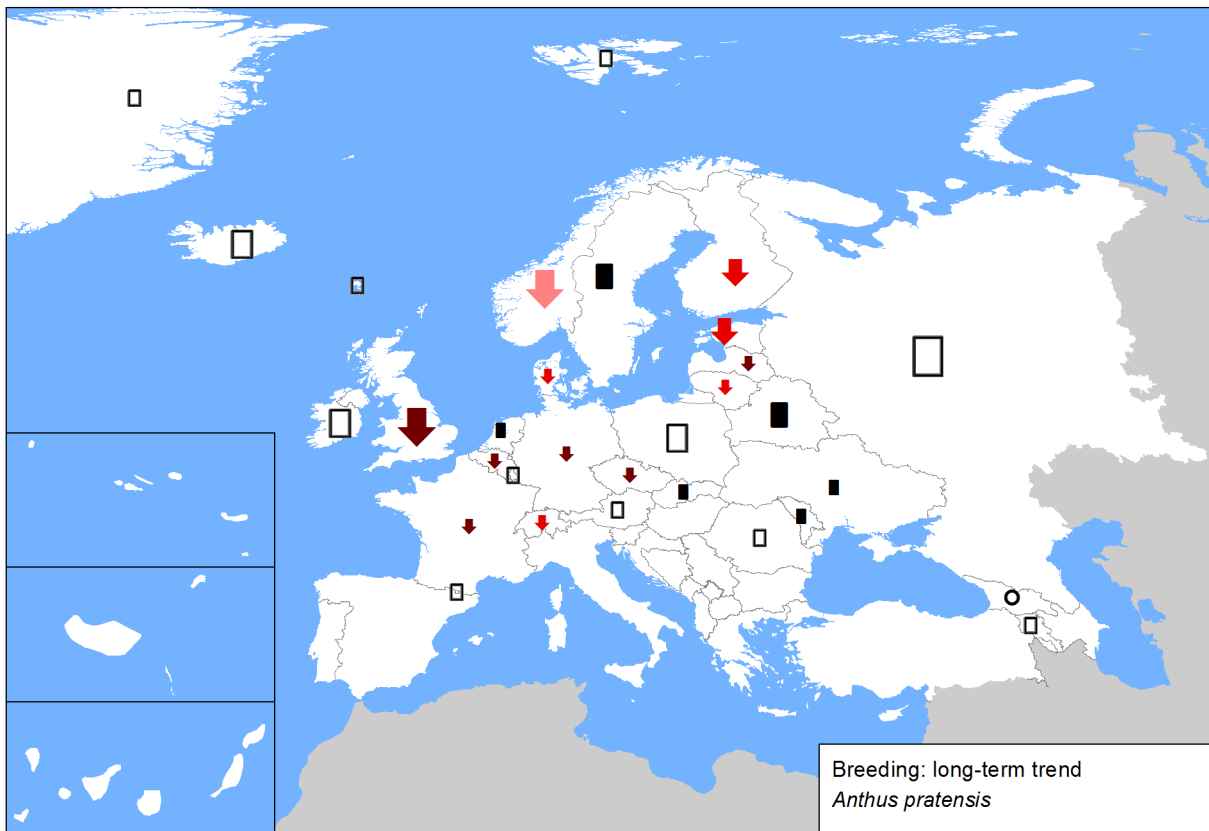
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small:  $< 1\%$  of the European population

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.



## Sources

### Andorra

**Breeding population size:** BirdLife International 2004

### Armenia

**Breeding population size:** ASPB data

### Austria

**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

### Belarus

**Breeding population size:** Zhuravliev D.V. - personal communication

**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:** Nikiforov M.E., Kozulin A.V., eds. Belarussian birds at the beginning of XXI century: status, numbers, distribution. - 1997. - Minsk. - 187 p.

### 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

### Czech Republic

**Breeding population size:** STASTNY K., BEJCEK V. & HUDEK K. 2006: Atlas hnízdního rozšíření ptáku v České republice. Aventinum Praha JPSP: <http://jpsp.birds.cz/vysledky.php?taxon=700>

**Breeding short-term trend:** JPSP: <http://jpsp.birds.cz/vysledky.php?taxon=700>

**Breeding long-term trend:** JPSP: <http://jpsp.birds.cz/vysledky.php?taxon=700>

### Denmark

**Breeding population size:** BIRDLIFE INTERNATIONAL (2004) Birds in Europe: population estimates, trends and conservation status. Wageningen, The Netherlands: BirdLife International. (BirdLife Conservation Series No. 12) Heldbjerg, H. & Lerche-Jørgensen, M. (2012): Overvågning af de danske almindelige fuglearter i Danmark 1975-2011. Årsrapport for Punktællingsprojektet. Dansk Ornitologisk Forening. (The Danish Point Count Census for breeding birds during the period 1999-2011)

**Breeding short-term trend:** Heldbjerg, H. & Lerche-Jørgensen, M. (2012): Overvågning af de danske almindelige fuglearter i Danmark 1975-2011. Årsrapport for Punktællingsprojektet. Dansk Ornitologisk Forening. (The Danish Point Count Census for breeding birds during the period 1999-2011)

**Breeding long-term trend:** Heldbjerg, H. & Lerche-Jørgensen, M. (2012): Overvågning af de danske almindelige fuglearter i Danmark 1975-2011. Årsrapport for Punktællingsprojektet. Dansk Ornitologisk Forening. (The Danish Point Count Census for breeding birds during the period 1980-2011)

### DK: Faroe Is

**Breeding population size:** Hammer et al. (2014) Færøsk trækfugleatlas [Faroe bird migration atlas]. Fróðskapur / Faroe University Press, Tórshavn.

### DK: Greenland

**Breeding population size:** Boertmann, D. unpublished

**Breeding short-term trend:** Boertmann, D. unpublished

**Breeding long-term trend:** Boertmann, D. unpublished

### Estonia

**Breeding population size:** 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: [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)

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

**Breeding long-term trend:** 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: [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)

### Finland

**Breeding population size:** Bird monitoring schemes of the Finnish Museum of Natural History, University of Helsinki.

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

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

### France

**Breeding population size:** <http://www.atlas-ornitho.fr/>

**Breeding short-term trend:** <http://vigienature.mnhn.fr/page/pipit-farlouse>

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### France

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

### 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

### Iceland

**Breeding population size:** Umhverfissráðuneytið 1992

**Breeding short-term trend:** Umhverfissráðuneytið 1992

### Republic of Ireland

**Breeding population size:** Crowe, O., Musgrove, 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:** Baillie, S.R., Marchant, J.H., Leech, D.I., Massimino, D., Eglinton, S.M., Johnston, A., Noble, D.G., Barimore, C., Kew, A.J., Downie, I.S., Risely, K. & Robinson, R.A. (2013) *BirdTrends 2012: trends in numbers, breeding success and survival for UK breeding birds*. BTO Research Report No. 644. BTO, Theford. <http://www.bto.org/birdtrends>. 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. Crowe, O. (2013) Calculation of short-term trends for Common and Widespread Breeding Birds for Article 12 Reporting. Unpublished report. 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.

### Latvia

**Breeding population size:** Calculation based on data collected in Latvian Breeding bird monitoring scheme: Aunins A., Keišs O. 2012. [Monitoring for the Farmland Bird Population Index. Final report for the year 2012. ] (in Latvian) Latvian Ornithological society, 47 pp

**Breeding short-term trend:** Aunins A. 2006. [Ensuring continuity and compatibility of bird monitoring data regarding changes in the Biodiversity monitoring section of the National Monitoring programme]. Aunins A. 2012. [Changes in the Abundance of Common Birds in Latvia during the Previous Seven Years]. *Putni Dabā* 2013/1, 10 - 13. Aunins A., Keišs O. 2012. [Monitoring for the Farmland Bird Population Index. Final report for the year 2012. ]. Latvian Ornithological society, 47 pp.

**Breeding long-term trend:** Aunins A. 2006. [Ensuring continuity and compatibility of bird monitoring data regarding changes in the Biodiversity monitoring section of the National Monitoring programme]. Aunins A. 2012. [Changes in the Abundance of Common Birds in Latvia during the Previous Seven Years]. *Putni Dabā* 2013/1, 10 - 13. Aunins A., Keišs O. 2012. [Monitoring for the Farmland Bird Population Index. Final report for the year 2012. ]. Latvian Ornithological society, 47 pp.

### Lithuania

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

**Breeding short-term trend:** Expert working group of the Lithuanian Ornithological Society ([lod@birdlife.lt](mailto:lod@birdlife.lt)) Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p. Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“, 256 p. Raudonikis L. 2004. Lithuania. In: *Birds in Europe: population estimates, trends, and conservation status*. BirdLife International, BirdLife Conservation Series No 12, Cambridge, UK.

**Breeding long-term trend:** Expert working group of the Lithuanian Ornithological Society ([lod@birdlife.lt](mailto:lod@birdlife.lt)) BirdLife International/European Bird Census Council. 2000. *European bird populations: estimates and trends*. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 10). Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“, 256 p.

### Luxembourg

**Breeding population size:** LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Biver G. (2009): Bestände der Vögel des Offenlandes europaweit rückgängig... und in Luxemburg? *Regulus* 4/2009: 14-16 Biver G. (2008): Vorkommen von Schafstelze *Motacilla flava*, Wiesenpieper *Anthus pratensis* und Braunkehlchen *Saxicola rubetra* in drei ausgewählten Grünlandgebieten. Vergleichsstudie zu 1996. *Regulus Wissenschaftliche Berichte*, 23: 1-12 (<http://www.luxnatur.lu/publi/wb23001072.pdf>) 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 Biver G. (2009): Bestände der Vögel des Offenlandes europaweit rückgängig... und in Luxemburg? *Regulus* 4/2009: 14-16 Biver G. (2008): Vorkommen von Schafstelze *Motacilla flava*, Wiesenpieper *Anthus pratensis* und Braunkehlchen *Saxicola rubetra* in drei ausgewählten Grünlandgebieten. Vergleichsstudie zu 1996. *Regulus Wissenschaftliche Berichte*, 23: 1-12 (<http://www.luxnatur.lu/publi/wb23001072.pdf>)

**Breeding long-term trend:** LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Biver G. (2009): Bestände der Vögel des Offenlandes europaweit rückgängig... und in Luxemburg? *Regulus* 4/2009: 14-16 Biver G. (2008): Vorkommen von Schafstelze *Motacilla flava*, Wiesenpieper *Anthus pratensis* und Braunkehlchen *Saxicola rubetra* in drei ausgewählten Grünlandgebieten. Vergleichsstudie zu 1996. *Regulus Wissenschaftliche Berichte*, 23: 1-12 (<http://www.luxnatur.lu/publi/wb23001072.pdf>) Melchior E., E. Mentgen, R. Peltzer, R. Schmitt, J. Weiss (1987): *Atlas der Brutvögel Luxemburgs*. Lëtzebuurger Natur- a Vulleschutzliga. Kremer-Muller & Cie, Foetz, Luxembourg

### 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:** 1.Аверин Ю. В., Ганя И.М., Успенский Г. Птицы Молдавии, том 2, Кишинев,1971, 2р 2.Burfield I., Bommel van F., *Birds in Europe. Population estimates, trends and conservation status*. BirdLife International. Oxford, 2004. 374p. 3. The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

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### 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:** 1). Lehtikainen, A., Green, M., Husby, M., Kålås, J.A., & Lindström, Å. 2013. Common montane birds are declining in northern Europe. *Journal of Avian Biology* 44: 1-12. 2). Kålås, J.A., Husby, M., Nilsen, E.B., & Vang, R. 2014. Bestandsvariasjoner for terrestriske fugler i Norge 1996-2013. Norsk Ornitologisk Forening Rapport 4 / 2014.

**Breeding long-term trend:** Kålås, J.A., Husby, M., Nilsen, E.B., & Vang, R. 2014. Bestandsvariasjoner for terrestriske fugler i Norge 1996-2013. Norsk Ornitologisk Forening Rapport 4 / 2014.

### NO: Svalbard

**Breeding population size:** Bangjord, G., Haugskott, T. & Hammer, S. 2013. Svalbard birds - a basic field guide. Longyearbyen Field Biological Society. 124 pages.

### 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. MiIZ 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, MiIZ, 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:** Ravkin E.S., Ravkin Yu.S. 2005. Birds of Northern Eurasian plains: numbers, distribution, spatial organization of communities. Novosibirsk, Nauka: 304 p. (in Russian). Mischenko A.L. (ed.) 2004. Estimation of numbers and trends for birds of the European part of Russia («Birds in Europe-II»). Moscow, RBCU (in Russian). Sarychev V.S., unpublished. vssar@yandex.ru

**Breeding short-term trend:** Yakovleva M.V., unpublished. kivach-bird@rambler.ru Mischenko A.L., unpublished. Borodin O.V., Smirnova S.L., expert opinion. spinus73@mail.ru 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:** Yakovleva M.V., unpublished. kivach-bird@rambler.ru Borodin O.V., Smirnova S.L., expert opinion. spinus73@mail.ru 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). Mischenko A.L., expert opinion.

### Slovakia

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

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

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

### 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/monitoring-common-breeding-birds.html>.

**Breeding long-term trend:** Swiss Ornithological Institute. <http://www.vogelwarte.ch/monitoring-common-breeding-birds.html>. Data before 1999 from less standardised survey.

### Ukraine

**Breeding population size:** 1. Hagemajjer 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. Hagemajjer/ 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.



## *Anthus pratensis* (Meadow Pipit)

### Ukraine

**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. 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. 3. Dombrowski A., Piotrowska M., Gorban I., Nikiforov M. Status and threats to avifauna. (Eds. Dombrowski A., & Z. Glowacki, та інші). Bug river valleys as the ecological corridor: state-threats-protection. IUCN European Programme. Warsaw. 2002. S. 87-102. 4. 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. Hagemajjer 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. Hagemajjer/ 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 p. 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., Aebischer, 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>

**Breeding long-term trend:** Baillie, S.R., Marchant, J.H., Leech, D.I., Massimino, D., Eglington, S.M., Johnston, A., Noble, D.G., Barimore, C., Kew, A.J., Downie, I.S., Risely, K. & Robinson, R.A. (2013). BirdTrends 2012: trends in numbers, breeding success and survival for UK breeding birds. Research Report 644. BTO, Thetford. <http://www.bto.org/birdtrends>

## Bibliography

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

Snow, D.W. and Perrins, C.M. 1998. *The Birds of the Western Palearctic vol. 2: Passerines*. Oxford University Press, Oxford.

Tyler, S. 2004. Meadow Pipit (*Anthus pratensis*). 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/57798> on 23 March 2015).