



THE IUCN RED LIST  
OF THREATENED SPECIES™



## ***Buteo buteo (Eurasian Buzzard)***

### **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. 12

#### **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).

*Buteo buteo* (Eurasian Buzzard)

**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	200-800	<1	2002-2012	medium	-	20-30	2002-2012	medium	-	20-30	1980-2012	poor	
Andorra	20-30	<1	1999-2002	medium	?				?				
Armenia	100-150	<1	2002-2012	medium	?				?				
Austria	12,000-19,000	1	2001-2012	medium	0	0	2000-2011	medium	?				
Azerbaijan	300-1,000	<1	1996-2000	poor	?				?				
Belarus	18,000-24,000	2	1998-2012	medium	0	0	1998-2012	medium	?				
Belgium	7,900-10,200	1	2008-2012	medium	0	0	2000-2012	medium	+	339-827	1973-2012	medium	
Bosnia & HG	5,000-8,000	1	2010-2014	poor	?				?				
Bulgaria	2,400-4,200	<1	2005-2012	medium	0	0	2001-2012	medium	?				
Croatia	8,000-9,000	1	2010	poor	?				?				
Czech Rep.	11,000-14,000	1	2012	medium	0	0	2000-2012	good	+	16-55	1982-2012	good	
Denmark	5,000	<1	2011	medium	0	0	1999-2011	good	+	50-100	1980-2011	good	
Estonia	6,000-7,000	1	2008-2012	medium	0	0-10	2001-2012	medium	0	0-10	1980-2012	medium	
Finland	4,000-4,200	<1	1998-2012	good	-	21-25	1998-2012	good	-	30-36	1982-2012	good	
France	130,000	12	2007-2009	good	-	20-22	2002-2012	good	+	150-160	1980-2011	medium	
Georgia	900-1,600	<1	2005-2012	medium	0	0	2000-2012	medium	0	0	1980-2012	medium	
Germany	80,000-135,000	10	2005-2009	good	-	4-15	1998-2009	good	+	13-31	1985-2009	good	
Greece	4,000-8,000	1	2008-2012	medium	0	0	2001-2012	medium	?				
Hungary	15,000-30,000	2	2000-2012	poor	0	0	1999-2012	medium	+	500-1000	1980-2012	poor	
Rep. Ireland	1,500	<1	2008-2011	medium	+	5669	1991-2012	medium	+	37400	1982-2011	medium	
Italy	4,000-8,000	1	2013	poor	+	30-40	2000-2012	medium	+	30-60	1990-2012	medium	
Kosovo	300-400	<1	2009-2014	medium	?				?				
Latvia	34,360-71,160	5	2011	medium	-	2-50	2001-2012	medium	-	17-82	1995-2012	medium	
Liechtenstein	20-30	<1	2009-2014	medium	0	0	2003-2014	medium	0	0	1980-2014	medium	
Lithuania	6,000-12,000	1	2008-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	medium	
Luxembourg	800-1,200	<1	2008-2012	medium	F	0-20	2000-2012	medium	F	0-20	1980-2012	poor	
FYRO Macedonia	400-1,200	<1	2001-2012	poor	?				?				
Moldova	200-300	<1	2000-2010	good	0	0	2000-2010	medium	0	0	1980-2010	medium	
Montenegro	400-600	<1	2002-2012	medium	?				?				
Netherlands	9,551-11,939	1	2008-2011	medium	+	13-26	2002-2011	good	+	174-476	1984-2011	good	
Norway	1,000-2,000	<1	2013	poor	+	0-10	2001-2013	poor	+	0-15	1980-2013	poor	
Poland	51,000-55,000	5	2010-2012	good	-	10-30	2000-2012	good	+	20-50	1980-2012	medium	

*Buteo buteo* (Eurasian Buzzard)

**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	
Portugal	5,000-10,000	1	2008-2012	medium	?				+		1980-2012	poor	
PT: Azores	508	<1	2006-2013	good	?				?				
PT: Madeira	100-500	<1	2008-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	medium	
Romania	20,000-50,000	3	2001-2013	poor	?				?				
Russia	200,000-500,000	30	2002-2008	medium	0	0	2000-2012	medium	0	0	1980-2012	medium	
Serbia	3,800-4,700	<1	2008-2012	medium	+	1-9	2000-2012	medium	+	10-29	1980-2012	medium	
Slovakia	8,000-15,000	1	2012	medium	0	0	2000-2012	medium	0	0	1980-2012	medium	
Slovenia	5,000-8,000	1	2001-2012	poor	0	0-10	2001-2012	medium	0	0-10	1980-2012	medium	
Spain	31,010-31,400	3	2009-2010	good	-	8	1998-2012	good	0	0	1980-2012	medium	
ES: Canary Is	250-1,000	<1	1997-2003	poor	+		2001-2012	poor	+		1980-2012	poor	
Sweden	17,000-45,000	3	2008-2012	medium	0	0	2001-2012	good	+	20-40	1980-2012	good	
Switzerland	20,000-25,000	2	2005-2009	medium	0	0	2001-2012	good	+	10-54	1990-2012	medium	
Turkey	4,000-6,000	<1	2013	poor	-	0-19	2000-2012	medium	0	0	1990-2013	poor	
Ukraine	22,500-32,500	3	2000	medium	F	5-10	2001-2012	medium	F	10-20	1980-2012	medium	
United Kingdom	57,000-79,000	6	2009	medium	+	146	1998-2010	good	+	177	1980-2010	good	
EU27	528,000-768,000	60			Decreasing								
Europe	814,000-1,390,000	100			Stable								

<sup>1</sup> See 'Sources' at end of factsheet, and for more details on individual EU Member State reports, see the Article 12 reporting portal at <http://bd.eionet.europa.eu/article12/report>.

<sup>2</sup> The designation of geographical entities and the presentation of the material do not imply the expression of any opinion whatsoever on the part of IUCN or BirdLife International concerning the legal status of any country, territory or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

<sup>3</sup> In the few cases where population size estimates were reported in units other than those specified, they were converted to the correct units using standard correction factors.

<sup>4</sup> The robustness of regional trends to the effects of any missing or incomplete data was tested using plausible scenarios, based on other sources of information, including any other reported information, recent national Red Lists, scientific literature, other publications and consultation with relevant experts.

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

<sup>6</sup> Trend magnitudes are rounded to the nearest integer.

## Trend maps

A symbol appears in each country where the species occurs: the shape and colour of the symbol represent the population trend in that country, and the size of the symbol corresponds to the proportion of the European population occurring in that country.

### KEY

- |                                  |                                  |
|----------------------------------|----------------------------------|
| ▲ Large increase ( $\geq 50\%$ ) | ▼ Large decrease ( $\geq 50\%$ ) |
| ▲ Moderate increase (20–49%)     | ▼ Moderate decrease (20–49%)     |
| ▲ Small increase (<20%)          | ▼ Small decrease (<20%)          |
| ↑ Increase of unknown magnitude  | ↓ Decrease of unknown magnitude  |

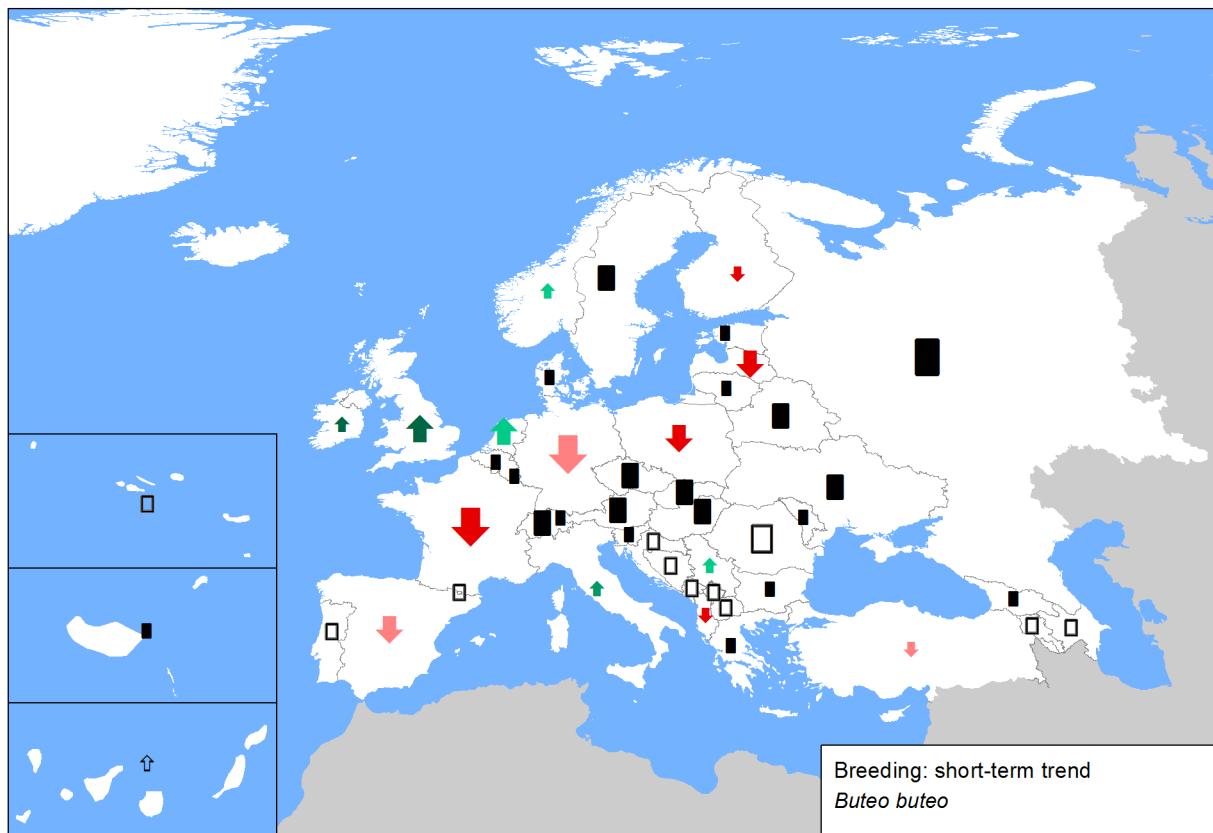
- Stable or fluctuating
- Unknown
- Present (no population or trend data)
- ✗ Extinct since 1980

Each symbol, with the exception of Present and Extinct, may occur in up to three different size classes, corresponding to the proportion of the European population occurring in that country.

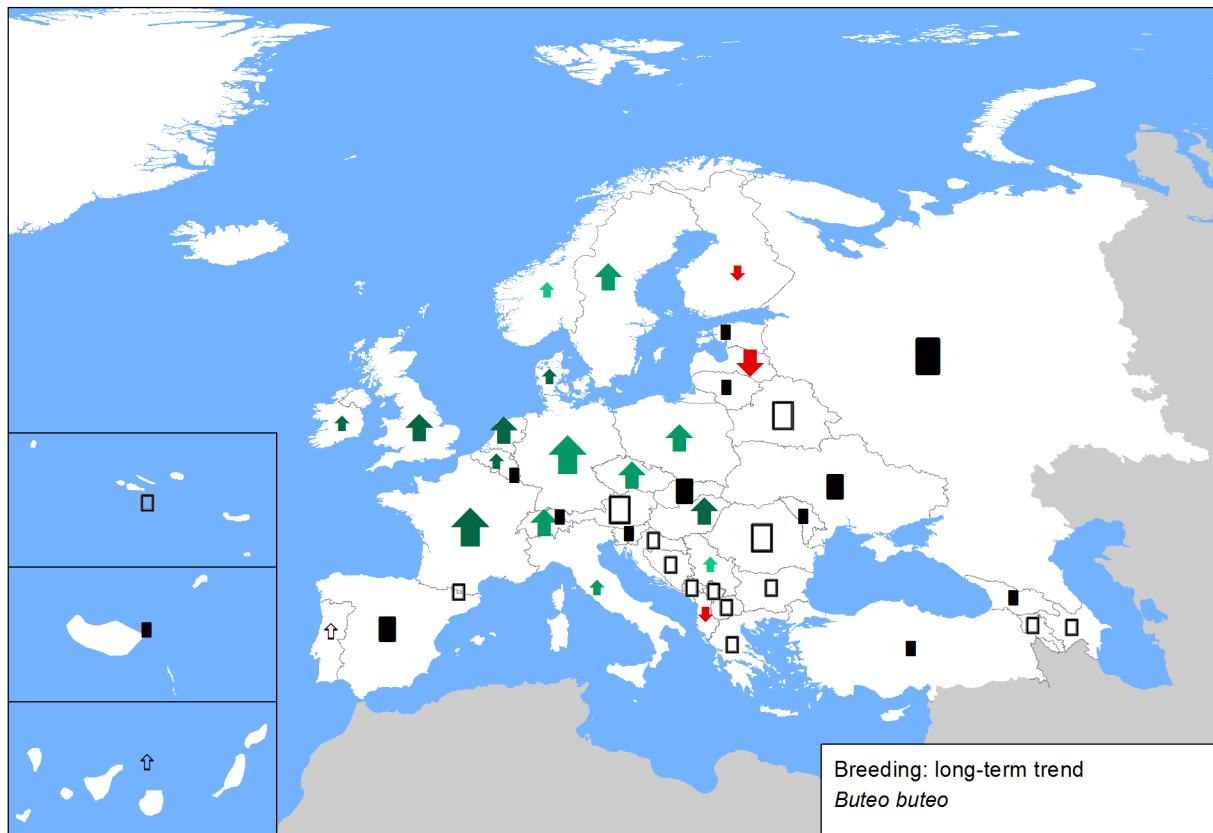
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small: <1% of the European population

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.



## *Buteo buteo* (Eurasian Buzzard)

# 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: N. Teufelbauer based on data from the Austrian Common Breeding Bird Monitoring

### Azerbaijan

Breeding population size: BirdLife International 2004

### Belarus

Breeding population size: Dombrovski V.Ch., Ivanovski V.V. New data on numbers and distribution of birds of prey breeding in Belarus. //Acta Zoologica Lithuanica. - 2005. - V.15, No3. - P.218-227 Dombrovski V.Ch. – personal communication

Breeding short-term trend: Dombrovski V.Ch. – personal communication

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. Dombrovski V.Ch. – personal communication

### 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. & Hatibović, E., 2012: Raptors in Bosnia and Herzegovina – status and perspectives for monitoring. *Acrocephalus* 33 (154/155): 173-179.

### 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 pp. BIRDS OF PREY DATA BASE (2013) held by Institute of Biodiversity and Ecosystem Research - Bulgarian Academy of Sciences

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 pp. BIRDS OF PREY DATA BASE (2013) held by Institute of Biodiversity and Ecosystem Research - Bulgarian Academy of Sciences Мичев и др. (2007). Оценка на националните популации на гнездещите, миграращите и зимуващите видове птици в България с указанi литературни източници (Приложение 4.2.). В: Отчетен доклад, Етап I, Оптимизиране на внесените в МОСВ предложени за изграждане на екологичната мрежа Натура 2000, Българска Академия на Науките, 207-222. Nankinov, D., A. Dutsov, B. Nikolov, B. Borisov, G. Stoyanov, G. Gradev, D. Georgiev, D. Popov, D. Domuschiev, D. Kirov, E. Tilova, I. Nikolov, I. Ivanov, K. Dichev, K. Popov, N. Karaivanov, N. Todorov, P. Shurulinkov, R. Stanchev, R. Aleksov, R. Tsonev, S. Dalakchieva, S. Ivanov, S. Marin, S. Staikov, S. Nikolov & H. Nikolov. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 pp.

Breeding long-term trend: Nankinov, D., G. Stoyanov, G. Kouzmanov, R. Todorov. 1991. Informations sur la situation des Rapaces diurnes en Bulgarie. – Birds of Prey Bull., 4: 293–302. Iankov P (ed.) (2007) Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the Protection of Birds, Conservation Series, Book 10. Sofia, BSPB, 679 pp. Мичев и др. (2007). Оценка на националните популации на гнездещите, миграращите и зимуващите видове птици в България с указанi литературни източници (Приложение 4.2.). В: Отчетен доклад, Етап I, Оптимизиране на внесените в МОСВ предложени за изграждане на екологичната мрежа Натура 2000, Българска Академия на Науките, 207-222. Nankinov, D., A. Dutsov, B. Nikolov, B. Borisov, G. Stoyanov, G. Gradev, D. Georgiev, D. Popov, D. Domuschiev, D. Kirov, E. Tilova, I. Nikolov, I. Ivanov, K. Dichev, K. Popov, N. Karaivanov, N. Todorov, P. Shurulinkov, R. Stanchev, R. Aleksov, R. Tsonev, S. Dalakchieva, S. Ivanov, S. Marin, S. Staikov, S. Nikolov & H. Nikolov. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 pp. Мичев, Т. 1982. Статус и опазване на дневните грабливи птици в България. – В: Сборник на Национална теоретична конференция по опазване и възпроизвъдство на обръжаващата среда. "Сълънчев бряг" – 1–5.XI.1982. С., БАН, 326–330.

### Croatia

Breeding population size: Tuttiš, V., Kralj, J., Radović, D., Ćiković, D. i Barišić, S. (2013): Crvena knjiga ptica Republike Hrvatske. Ministarstvo zaštite okoliša i prirode, Državni zavod za zaštitu prirode, Zagreb (neobjavljeni podaci o procjenama populacija - arhiva Državnog zavoda za zaštitu prirode)

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 hnizdnho rozsireni ptaku v Ceske republice. Aventinum Praha. JPSP: <http://jpsc.birds.cz/vysledky.php?taxon=398>

## *Buteo buteo* (Eurasian Buzzard)

### Czech Republic

**Breeding short-term trend:** JPSP: <http://jpsc.birds.cz/vysledky.php?taxon=398>

**Breeding long-term trend:** JPSP: <http://jpsc.birds.cz/vysledky.php?taxon=398>

### 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 Punkttællingsprojektet. Dansk Ornitoligisk Forening. (The Danish Point Count Census for breeding birds during the period 1999-2011)

**Breeding short-term trend:** 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 Punkttællingsprojektet. Dansk Ornitoligisk Forening. (The Danish Point Count Census for breeding birds during the period 1999-2011)

**Breeding long-term trend:** 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 Punkttællingsprojektet. Dansk Ornitoligisk Forening. (The Danish Point Count Census for breeding birds during the period 1980-2011)

### Estonia

**Breeding population size:** Elts, J., Leito, A., Leivits, A., Luigjõe, 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., Luigjõe, 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., Luigjõe, 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:** Birds of Prey monitoring data, Finnish Museum of Natural History. Honkala, J., Saurola, P. & Valkama, J. 2013: Breeding and population trends of common raptors and owls in Finland in 2012. – Linnut-vuosikirja 2012: 50–61. (in Finnish with English summary)

**Breeding short-term trend:** Honkala, J., Saurola, P. & Valkama, J. 2013: Breeding and population trends of common raptors and owls in Finland in 2012. – Linnut-vuosikirja 2012: 50–61. (in Finnish with English summary)

**Breeding long-term trend:** Honkala, J., Saurola, P. & Valkama, J. 2013: Breeding and population trends of common raptors and owls in Finland in 2012. – Linnut-vuosikirja 2012: 50–61. (in Finnish with English summary)

### France

**Breeding population size:** [http://observatoire-rapaces.lpo.fr/index.php?m\\_id=1](http://observatoire-rapaces.lpo.fr/index.php?m_id=1)

**Breeding short-term trend:** [http://observatoire-rapaces.lpo.fr/index.php?m\\_id=1](http://observatoire-rapaces.lpo.fr/index.php?m_id=1) LEREST K., PINAUD D., BRETAGNOLLE V. & DAVID F. 2012 Buse variable et faucon crécerelle, populations en déclin en France, LPO, 10-11 FIR & UNAO 1984 Estimation des effectifs de rapaces nicheurs diurnes et non rupestres en France. Enquête FIR-UNAO 1979-1982. , Fonds d'Intervention pour les rapaces - Ministère de l'Environnement - DPN, 177 p. Thiollay, J.-M. & Bretagnolle, V. 2004 Rapaces nicheurs de France, Distribution, effectifs et conservation, Delachaux et Niestlé, Paris, 175 p.

**Breeding long-term trend:** [http://observatoire-rapaces.lpo.fr/index.php?m\\_id=1](http://observatoire-rapaces.lpo.fr/index.php?m_id=1) LEREST K., PINAUD D., BRETAGNOLLE V. & DAVID F. 2012 Buse variable et faucon crécerelle, populations en déclin en France, LPO, 10-11 FIR & UNAO 1984 Estimation des effectifs de rapaces nicheurs diurnes et non rupestres en France. Enquête FIR-UNAO 1979-1982. , Fonds d'Intervention pour les rapaces - Ministère de l'Environnement - DPN, 177 p. Thiollay, J.-M. & Bretagnolle, V. 2004 Rapaces nicheurs de France, Distribution, effectifs et conservation, Delachaux et Niestlé, Paris, 175 p.

### Georgia

**Breeding population size:** Abuladze, A. 2013. Birds of Prey of Georgia (Materials towards a Fauna of Georgia Issue VI). Tbilisi, Printing House "Lasha Khvichia". Tbilisi: 218 pp. (in English). Galvez, R.A., Gavashelishvili, L., Javakhishvili, Z. 2005. Raptors and Owls of Georgia (Field guide). Tbilisi, GCCW & Buneba Print Publishing. Tbilisi: 128 pp. (in English & in Georgian).

**Breeding short-term trend:** Abuladze, A. 2013. Birds of Prey of Georgia (Materials towards a Fauna of Georgia Issue VI). Tbilisi, Printing House "Lasha Khvichia". Tbilisi: 218 pp. (in English). Galvez, R.A., Gavashelishvili, L., Javakhishvili, Z. 2005. Raptors and Owls of Georgia (Field guide). Tbilisi, GCCW & Buneba Print Publishing. Tbilisi: 128 pp. (in English & in Georgian).

**Breeding long-term trend:** Abuladze, A. 2013. Birds of Prey of Georgia (Materials towards a Fauna of Georgia Issue VI). Tbilisi, Printing House "Lasha Khvichia". Tbilisi: 218 pp. (in English). Galvez, R.A., Gavashelishvili, L., Javakhishvili, Z. 2005. Raptors and Owls of Georgia (Field guide). Tbilisi, GCCW & Buneba Print Publishing. Tbilisi: 128 pp. (in English & in Georgian).

### 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 Greifvögel und Eulen

**Breeding long-term trend:** Monitoring Greifvögel und Eulen

### Greece

**Breeding population size:** Hellenic Ornithological Society database

**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 Hung MME/BirdLife Hungary Raptor Conservation Group estimate

**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.

## *Buteo buteo* (Eurasian Buzzard)

### Hungary

**Breeding long-term trend:** Raptor Conservation Group of MME/Birdlife Hungary

### Republic of Ireland

**Breeding population size:** Rooney, E. (2013) Ecology and breeding biology of the Common Buzzard *Buteo buteo* in Ireland. PhD Thesis, School of Biological Sciences, Queens University Belfast. Clements, R. (2002) The Common buzzard in Britain: A new population estimate. British Birds 95: 377-383. Expert opinion - J. Lusby, BirdWatch Ireland; <http://www.birdwatchireland.ie>.

**Breeding short-term trend:** Clements, R. (2002) The Common buzzard in Britain: A new population estimate. British Birds 95: 377-383. Expert opinion - J. Lusby, BirdWatch Ireland; <http://www.birdwatchireland.ie>. Norriss, D.W. (1991) The status of Buzzard as a breeding species in the Republic of Ireland 1977 - 1991. Irish Birds 4: 291 -298. Rooney, E. (2013) Ecology and breeding biology of the Common Buzzard *Buteo buteo* in Ireland. PhD Thesis, School of Biological Sciences, Queens University Belfast.

**Breeding long-term trend:** Clements, R. (2002) The Common Buzzard in Britain: A new population estimate. British Birds 95: 377-383. Expert opinion - J. Lusby, BirdWatch Ireland; <http://www.birdwatchireland.ie>. Norriss, D.W. (1991) The status of Buzzard as a breeding species in the Republic of Ireland 1977 - 1991. Irish Birds 4: 291 -298. Rooney, E. (2013) Ecology and breeding biology of the Common Buzzard *Buteo buteo* in Ireland. PhD Thesis, School of Biological Sciences, Queens University Belfast.

### Italy

**Breeding population size:** Brichetti P & Fracasso G. 2013. Ornitologia italiana. Vol. 1/3: Pandionidae-Falconidae. Oasi Alberto Perdisa, 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:** Rete Rurale Nazionale & LIPU 2013. Uccelli comuni in Italia. Gli andamenti di popolazione dal 2000 al 2012 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:** 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.

### 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 (1983) Die Vogelwelt des Fürstentums Liechtenstein unter Berücksichtigung der benachbarten Gebiete; Teil I: Gaviiformes (Seetaucher) – Falconiformes (Greifvögel). Ber. Bot.-Zool. Ges. Liechtenstein-Sargans-Werdenberg, Band 12, S. 61-117.; 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](mailto:lod@birdlife.lt)) Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p.

**Breeding short-term trend:** BirdLife International/European Bird Census Council 2004. Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 12). 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. Expert working group of the Lithuanian Ornithological Society ([lod@birdlife.lt](mailto:lod@birdlife.lt))

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

### 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 Kiefer J. (2006): Der Mäusebussard *Buteo buteo* in Ost-Luxemburg. Wissenschaftliche Berichte, 21: 31-37 (<http://www.luxnatur.lu/publi/wb21001064.pdf>)

**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 Kiefer J. (2006): Der Mäusebussard *Buteo buteo* in Ost-Luxemburg. Wissenschaftliche Berichte, 21: 31-37 (<http://www.luxnatur.lu/publi/wb21001064.pdf>)

**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 Kiefer J. (2006): Der Mäusebussard *Buteo buteo* in Ost-Luxemburg. Wissenschaftliche Berichte, 21: 31-37 (<http://www.luxnatur.lu/publi/wb21001064.pdf>) Melchior E., E. Mentgen, R. Peltzer, R. Schmitt, J. Weiss (1987): Atlas der Brutvögel Luxemburgs. Lëtzebuerger Natur- a Vulleschutzliga. Kremer-Muller & Cie, Foetz, Luxembourg

### 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.

## *Buteo buteo* (Eurasian Buzzard)

### Moldova

**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, 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.

### 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., Vučanović, M., Jovanović, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12, 36-120. Novi Sad

### 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:** NEM, Sovon en CBS

### Norway

**Breeding population size:** Heggøy, O. & Øien, I.J. 2014. Conservation status of birds of prey in Norway. Norsk Ornitolig Forening rapport 1/2014. 129 sider.

**Breeding short-term trend:** Heggøy, O. & Øien, I.J. 2014. Conservation status of birds of prey in Norway. Norsk Ornitolig Forening rapport 1/2014. 129 sider.

**Breeding long-term trend:** Heggøy, O. & Øien, I.J. 2014. Conservation status of birds of prey in Norway. Norsk Ornitolig Forening rapport 1/2014. 129 sider.

### 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:** Chylarecki P. 2013. Czynniki kształtujące zmiany liczebności pospolitych ptaków Polski w latach 2000-2012. MilZ 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, MilZ, 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))

**Breeding long-term trend:** Tucker G.M., Heath M.F. 1994. Birds in Europe: their conservation status. Cambridge, UK: BirdLife International

### Portugal

**Breeding population size:** Palma L, Onofre N & Pombal E (1999). Revised distribution and status of diurnal birds of prey in Portugal. Avocetta , 23 (2): 3-18; 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; Informação Carlos Pacheco, Luís Palma, Nuno Onofre.

**Breeding long-term trend:** Rufino R (coord.) (1989). Atlas das aves nidificantes em Portugal Continental. Serviço Nacional de Parques, Reservas e Conservação da Natureza. Lisboa; 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; Palma, L., Beja, P. and Sánchez, R. Twenty Years of Research and Conservation of the Endangered Eagles in Portugal Raptors Conservation(in press); Informação Carlos Pacheco, Luís Palma, Nuno Onofre"

### PT: Azores

**Breeding population size:** Veríssimo, C. 2013. Censo de Milhafres/Mantas nos arquipélagos dos Açores e da Madeira. Relatório de Projeto. Dados de 2006 a 2013. Maio de 2013. Sociedade Portuguesa para o Estudo das Aves, Povoação (relatório não publicado).

### PT: Madeira

**Breeding population size:** Veríssimo, C. 2013. Censo de Milhafres/Mantas nos arquipélagos dos Açores e da Madeira. Relatório de Projeto. Dados de 2006 a 2013. Maio de 2013. Sociedade Portuguesa para o Estudo das Aves, Povoação. [http://www.spea.pt/fotos/editor2/relatorioencodemilhafres\\_mai13.pdf](http://www.spea.pt/fotos/editor2/relatorioencodemilhafres_mai13.pdf) JANSEN, D.Y.M. (2012): Population survey of the Common Buzzard *Buteo buteo* on Madeira Island (Portugal). Ardeola 59 (1): 145-155. Equipa Atlas, 2013 - [http://www.atlasdasaves.netmadeira.com/index.php?option=com\\_content&view=article&id=136&Itemid=66](http://www.atlasdasaves.netmadeira.com/index.php?option=com_content&view=article&id=136&Itemid=66) =pt

**Breeding short-term trend:** Veríssimo, C. 2013. Censo de Milhafres/Mantas nos arquipélagos dos Açores e da Madeira. Relatório de Projeto. Dados de 2006 a 2013. Maio de 2013. Sociedade Portuguesa para o Estudo das Aves, Povoação. [http://www.spea.pt/fotos/editor2/relatorioencodemilhafres\\_mai13.pdf](http://www.spea.pt/fotos/editor2/relatorioencodemilhafres_mai13.pdf)

**Breeding long-term trend:** Oliveira, P. & Menezes, D. 2004. Aves do Arquipélago da Madeira. Serviço do Parque Natural da Madeira Equipa Atlas, 2013 - [http://www.atlasdasaves.netmadeira.com/index.php?option=com\\_content&view=article&id=136&Itemid=66](http://www.atlasdasaves.netmadeira.com/index.php?option=com_content&view=article&id=136&Itemid=66) =pt

### Romania

**Breeding population size:** Romanian Common Bird Monitoring Database National Raptor Census 2005-2007 National Raptor Census 2013

### Russia

**Breeding population size:** Melnikov V.N. 2008. The dynamics of raptor populations in the Ivanovo Region. – In: Galushin V.M. (editor-in-chief). Research and conservation of the raptors in Northern Eurasia. Materials of the 5th Conference of Raptors of Northern Eurasia. Ivanovo, Publishing House Ivanovo State University: 269- 273 (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. Strepet 3, no. 1-2: 5-37 (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). Karyakin I.V., 1998. Conspectus of bird fauna of the Perm Region. Perm: 261 p. (in Russian). Karyakin I.V., 1998. Conspectus of bird fauna of the Bashkortostan Republic. Perm: 253 p. (in Russian).

**Breeding short-term trend:** Melnikov V.N. 2008. The dynamics of raptor populations in the Ivanovo Region. – In: Galushin V.M. (editor-in-chief). Research and conservation of the raptors in Northern Eurasia. Materials of the 5th Conference of Raptors of Northern Eurasia. Ivanovo, Publishing House Ivanovo State University: 269- 273 (in Russian). Preobrazhenskaya E.S., unpublished. voop21@rambler.ru Shepel A.I., unpublished. shai53@mail.ru Karyakin I.V., unpublished. ikar\_research@mail.ru

## *Buteo buteo* (Eurasian Buzzard)

### Russia

**Breeding long-term trend:** Kostin A.B. 2012. Territorial distribution, population dynamics and ecology of the Buzzard in the south of Kaluga Region. – Buzzards of North Eurasia: distribution, population status, biology. Proc. of the 6th International Conference on Birds of Prey and Owls of North Eurasia. Kryyyi Rih: 61-73 (in Russian). Belik V.P. et al. 2003. Recent population trends of breeding birds in the Southern Russia. - Strepet 1: 10-30 (in Russian). Melnikov V.N. 2008. The dynamics of raptor populations in the Ivanovo Region. – In: Galushin V.M. (editor-in-chief). Research and conservation of the raptors in Northern Eurasia. Materials of the 5th Conference of Raptors of Northern Eurasia. Ivanovo, Publishing House Ivanovo State University: 269- 273 (in Russian). Karyakin I.V., unpublished. ikar\_research@mail.ru Shepel A.I., unpublished. shai53@mail.ru Preobrazhenskaya E.S., unpublished. voop21@rambler.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, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002. Jozef Chavko: Súhrnná správa o výsledkoch monitoringu hniezdenia vybraných populácií dravých vtákov realizovaného členmi OZ Ochrana dravcov na Slovensku v rokoch 2000 až 2011. Časopis BUTEO, ročníky 1/1986 až 13/2003 (vydávala RPS)

**Breeding short-term trend:** Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002. Jozef Chavko: Súhrnná správa o výsledkoch monitoringu hniezdenia vybraných populácií dravých vtákov realizovaného členmi OZ Ochrana dravcov na Slovensku v rokoch 2000 až 2011. Časopis BUTEO, ročníky 1/1986 až 13/2003 (vydávala RPS)

**Breeding long-term trend:** Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002. Jozef Chavko: Súhrnná správa o výsledkoch monitoringu hniezdenia vybraných populácií dravých vtákov realizovaného členmi OZ Ochrana dravcov na Slovensku v rokoch 2000 až 2011. Časopis BUTEO, ročníky 1/1986 až 13/2003 (vydávala RPS)

### Slovenia

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

**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.

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

### Spain

**Breeding population size:** Palomino, D. & Valls, J. (2011). Las rapaces forestales de España. Población reproductora en 2009-2010 y método de censo. SEO/BirdLife. Madrid, 153 pp. [http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/36\\_Rapaces\\_forestales\\_tcm7-219795.pdf](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/36_Rapaces_forestales_tcm7-219795.pdf)

**Breeding short-term trend:** SEO/BirdLife (2013). Resultados del programa Sacre de SEO/BirdLife en 2012. SEO/BirdLife. Madrid. Información obtenida a partir de la Base de Datos del Inventario de especies terrestres. Seguimiento de Aves SACRE. (Ministerio de Agricultura, Alimentación y Medio Ambiente). [http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/tendencia\\_aves\\_comunes\\_espania.aspx](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/tendencia_aves_comunes_espania.aspx) Gráfica de la tendencia poblacional: [http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/ieet\\_aves\\_sist\\_seg\\_tendencia\\_comunes\\_esp.aspx](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/ieet_aves_sist_seg_tendencia_comunes_esp.aspx) <http://www.seo.org/RESULTADOS-SEGUIMIENTO-DE-AVES/>

**Breeding long-term trend:** 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-national-de-biodiversidad/feet\\_aves\\_atlas.aspx](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-national-de-biodiversidad/feet_aves_atlas.aspx)) Palomino, D. & Valls, J. (2011). Las rapaces forestales de España. Población reproductora en 2009-2010 y método de censo. SEO/BirdLife. Madrid, 153 pp. [http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/36\\_Rapaces\\_forestales\\_tcm7-219795.pdf](http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/36_Rapaces_forestales_tcm7-219795.pdf) De Juana, E. (1989). Situación actual de las rapaces diurnas (Orden Falconiformes) en España. Ecología, 3: 237-292.

### ES: Canary Is

**Breeding population size:** Martín, A. & J. A. Lorenzo. 2001. Aves del Archipiélago Canario. Francisco Lemus Editor. La Laguna. 787 pp. Lorenzo, J.A. 2007 (ed). Atlas de las Aves Nidificantes en el Archipiélago Canario (1997-2003). Dirección General de Conservación de la Naturaleza-Sociedad Española de Ornitología. Madrid. 520 pp. Palomino, D. y Valls, J. 2011. Las rapaces forestales en España. Población reproductora en 2009-2010 y método de censo. SEO/BirdLife. Madrid.

**Breeding short-term trend:** Martín, A. & J. A. Lorenzo. 2001. Aves del Archipiélago Canario. Francisco Lemus Editor. La Laguna. 787 pp. Madroño, A., González, C. & Atienza, J. C. (eds.). 2004. Libro Rojo de las Aves de España. Dirección General para la Biodiversidad - SEO/BirdLife. Madrid. 452 pp. Lorenzo, J.A. 2007 (ed). Atlas de las Aves Nidificantes en el Archipiélago Canario (1997-2003). Dirección General de Conservación de la Naturaleza-Sociedad Española de Ornitología. Madrid. 520 pp. Rodríguez, B., Siverio, F., Airam Rodríguez, A., Siverio, M., Hernández, J.J. & J. Figueroa. 2010. Density, habitat selection and breeding biology of Common Buzzards *Buteo buteo* in an insular environment. Bird Study 57: 75-83. Palomino, D. y Valls, J. 2011. Las rapaces forestales en España. Población reproductora en 2009-2010 y método de censo. SEO/BirdLife. Madrid.

**Breeding long-term trend:** Martín, A. & J. A. Lorenzo. 2001. Aves del Archipiélago Canario. Francisco Lemus Editor. La Laguna. 787 pp. Madroño, A., González, C. & Atienza, J. C. (eds.). 2004. Libro Rojo de las Aves de España. Dirección General para la Biodiversidad - SEO/BirdLife. Madrid. 452 pp. Lorenzo, J.A. 2007 (ed). Atlas de las Aves Nidificantes en el Archipiélago Canario (1997-2003). Dirección General de Conservación de la Naturaleza-Sociedad Española de Ornitología. Madrid. 520 pp. Palomino, D. y Valls, J. 2011. Las rapaces forestales en España. Población reproductora en 2009-2010 y método de censo. SEO/BirdLife. Madrid.

### 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 Ornitolologiska Förening, Halmstad.

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

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

## *Buteo buteo* (Eurasian Buzzard)

### Switzerland

**Breeding population size:** Swiss Ornithological Institute: update on occasion of the following publication: Schmid, H. (2009): Greifvögel und Eulen. Schweizerische Vogelwarte, Sempach.

**Breeding short-term trend:** Swiss Ornithological Institute. <http://www.vogelwarte.ch/monitoring-common-breeding-birds.html>. 95% Confidence interval see point 3.3.

**Breeding long-term trend:** Swiss Ornithological Institute. <http://www.vogelwarte.ch/monitoring-common-breeding-birds.html>. Data before 1999 from less standardised survey. Min Max refer to 95% Confidence interval.

### Turkey

**Breeding population size:** Güven Eken personal communication. [www.kusbanks.org](http://www.kusbanks.org) Kirwan G.M., Boyla K. A., Castell P., Demirci B., Özen 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)

### 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. Hagemajer W.J.M., Blair M.J. The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. Poyser. - London. 1997. 903 p. 3. Heath M.F., Evans M.I. Important birds areas in Europe. Priority sites for conservation. // Southern Europe. BirdLife International. - Cambridge. Vol.2., 2000. P. 691-724. 4. European birds populations; Estimates and trends Compiled by M. Heath, C. Borggreve, N. Peet, W. Hagemeijer/ BirdLife International/ EBCC. 2000. Cambridge, UK: BirdLife Conservation Series N10, 160 p. 5. Gorban I., Flade M. The importance of the Upper Pripyat (Ukraine) for the protection of birds. The ecology and conservation of floodplanins and lowland mires in the Polesya Region. Minsk. 2000. p. 103-110.

**Breeding short-term trend:** 1. Tucker G.M., Heath M.F. Birds in Europe: their conservation status. - Cambridge. U.K. Bird Life Conservation Series №. 3. 1994. 600 p. 2. Hagemajer W.J.M., Blair M.J. The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. Poyser. - London. 1997. 903 p. 3. Birds in Europe: Population Estimates, Trends and Conservation Status. BirdLife Conservation Series 12; 2004. 374 p. 4. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158. 5. 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. Hagemajer W.J.M., Blair M.J. The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance. Poyser. - London. 1997. 903 p. 3. Горбань І. Грищенко В. Ветров В., Костян С., Піллога В. Про чисельність хижих птахів в Україні. «Екологічні аспекти охорони птахів ». Матеріали VII наради орнітологів Західної України. м. Івано - Франківськ, 4-7 лютого 1999 р. Львів . 1999. с. 32-33. 4. 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. 5. Горбань І. Оцінка чисельності гніздових птахів України. Вісник Львівського університету. Серія біологічна. Випуск 34. 2003. с. 147 – 158.

### United Kingdom

**Breeding population size:** Clements 2002; 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>

**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

- Brown, L.H., Urban, E.K. and Newman, K. 1982. *The birds of Africa vol I*. Academic Press, London.
- Ferguson-Lees, J. and Christie, D.A. 2001. *Raptors of the world*. Christopher Helm, London.
- Orta, J., Boesman, P. and Marks, J.S. 2015. Eurasian Buzzard (*Buteo buteo*). In: del Hoyo, J., Elliott, A., Sargatal, J., Christie, D.A. and de Juana, E. (eds.) 2015. *Handbook of the Birds of the World Alive*. Lynx Edicions, Barcelona. (retrieved from <http://www.hbw.com/node/53137> on 16 March 2015).
- Snow, D.W. and Perrins, C.M. 1998. *The Birds of the Western Palearctic vol. 1: Non-Passerines*. Oxford University Press, Oxford.
- Strix. 2012. *Developing and testing the methodology for assessing and mapping the sensitivity of migratory birds to wind energy development*. BirdLife International, Cambridge.