

## *Ardea purpurea* (Purple Heron)

### European Red List of Birds

### Supplementary Material

The European Union (EU27) Red List assessments were based principally on the official data reported by EU Member States to the European Commission under Article 12 of the Birds Directive in 2013-14. For the European Red List assessments, similar data were sourced from BirdLife Partners and other collaborating experts in other European countries and territories. For more information, see BirdLife International (2015).

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#### Recommended citation

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

#### Further information

<http://www.birdlife.org/datazone/info/euroredlist>

<http://www.birdlife.org/europe-and-central-asia/european-red-list-birds-0>

<http://www.iucnredlist.org/initiatives/europe>

<http://ec.europa.eu/environment/nature/conservation/species/redlist/>

#### Data requests and feedback

To request access to these data in electronic format, provide new information, correct any errors or provide feedback, please email [science@birdlife.org](mailto:science@birdlife.org).

*Ardea purpurea* (Purple Heron)

**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	0-5	<1	2002-2012	good	0	0	2002-2012	good	-	40-80	1980-2012	medium	
Armenia	100-200	<1	2002-2012	good	?				?				
Austria	100-160	<1	2008-2012	good	F	0	2001-2012	good	F	0	1980-2012	good	A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa
Azerbaijan	250-500	1	1996-2000	medium	?				?				
Bosnia & HG	30-60	<1	2010-2014	poor	?				?				
Bulgaria	100-200	<1	2005-2012	medium	?				?				A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa
Croatia	120-140	<1	2010	good	-	10-20	2000-2010	medium	-	40-50	1980-2012	medium	
Czech Rep.	1-3	<1	2001-2003	good	?				-	80-90	1985-2003	good	A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa
France	2,856	8	2007	good	+	36	2000-2007	good	F	0	1975-2008	good	A. p. purpurea, West Europe & West Mediterranean/West Africa
Georgia	Present	<1			?				?				
Germany	40-50	<1	2005-2009	good	+	41-100	1998-2009	medium	0	0	1985-2009	medium	A. p. purpurea, West Europe & West Mediterranean/West Africa
Greece	45	<1	2009	good	0	0	2003-2009	good	-	50-70	1985-2009	good	A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa
Hungary	800-1,400	3	2008-2012	medium	0	0	2000-2012	medium	?				A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa
Italy	2,000-2,300	6	2002-2012	medium	?				+	120-160	1981-2012	medium	A. p. purpurea, West Europe & West Mediterranean/West Africa
Kosovo	0-5	<1	2009-2014	medium	?				?				
FYRO Macedonia	0-10	<1	2001-2012	poor	0	0	2000-2012	poor	?				
Moldova	30-50	<1	2000-2010	medium	-	40-60	2000-2010	medium	-	20-40	1980-2010	medium	
Montenegro	20-40	<1	2002-2012	medium	?				?				
Netherlands	700-810	2	2008-2011	good	+	31-109	2002-2011	good	+	101-124	1980-2011	good	A. p. purpurea, West Europe & West Mediterranean/West Africa
Poland	0-1	<1	2008-2012	medium	F	0	2000-2012	good	F	0	1980-2012	good	A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa
Portugal	800-1,000	2	2008-2012	good	+	60-150	2001-2012	good	?				A. p. purpurea, West Europe & West Mediterranean/West Africa
Romania	800-1,500	3	2008-2013	medium	?				?				A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa
Russia	10,000-15,000	32	2000-2004	poor	-	5-30	2000-2012	poor	-	5-30	1980-2012	medium	
Serbia	650-900	2	2008-2012	medium	-	10-29	2000-2012	medium	-	30	1980-2012	medium	

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	Size (pairs) <sup>3</sup>	Europe (%)	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	
Slovakia	15-25	<1	2012	medium	-	20-40	2000-2012	medium	0	40-60	1980-2012	medium	A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa
Slovenia	0-1	<1	2002-2012	medium	?				?				A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa
Spain	4,406-5,379	13	2011	good	-	70	1998-2011	medium	+		1980-2011	good	A. p. purpurea, West Europe & West Mediterranean/West Africa
Switzerland	0-5	<1	2008-2012	good	+	300-500	2002-2012	good	F	0	1980-2012	good	
Turkey	1,000-1,500	3	2013	medium	-	50-69	2000-2012	poor	-	0-19	1990-2013	medium	
Ukraine	6,700-11,900	24	2000	medium	+	10-20	2001-2012	medium	F	15-30	1980-2012	medium	
<b>EU27</b>	<b>12,700-15,700</b>	<b>37</b>			<b>Decreasing</b>								
<b>Europe</b>	<b>31,600-46,000</b>	<b>100</b>			<b>Decreasing</b>								

<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

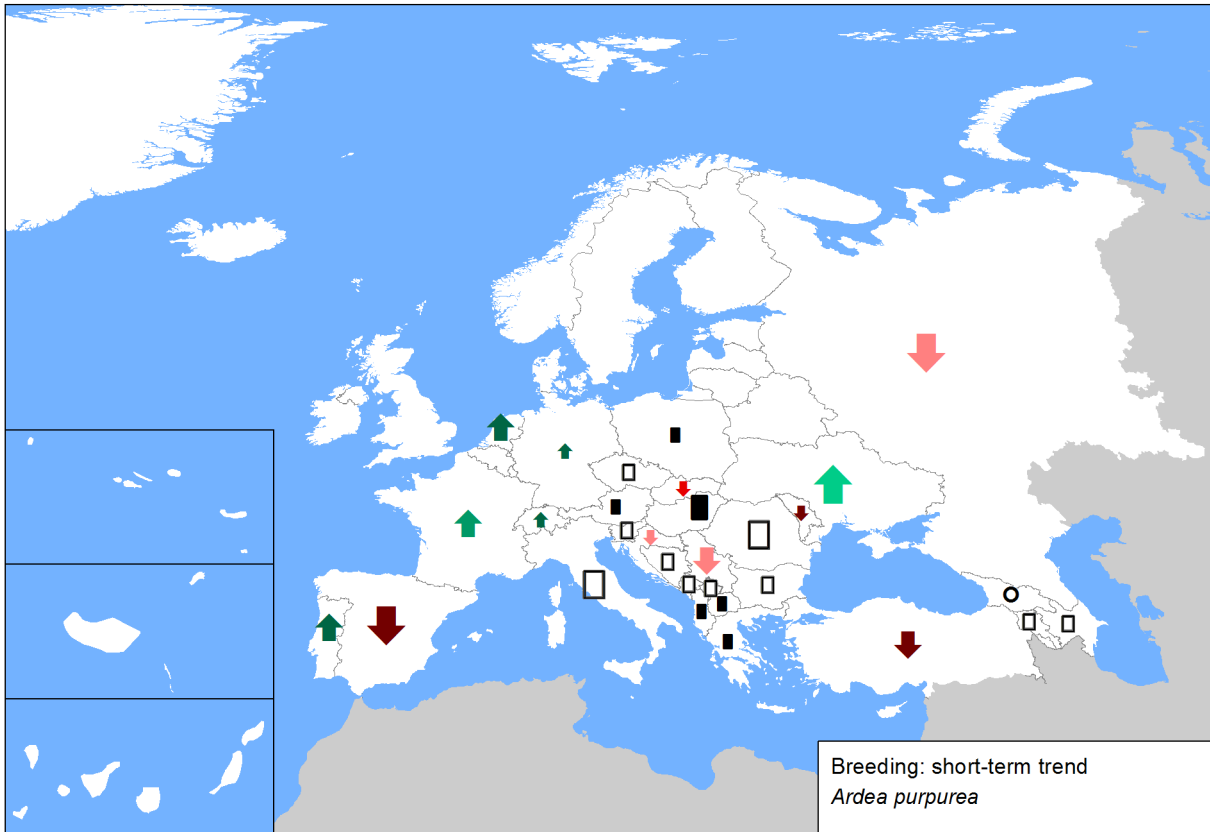
- |   |                                  |
|---|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (20–49%)     |
| ↑ Small increase ( $< 20\%$ )           | ↓ Small decrease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

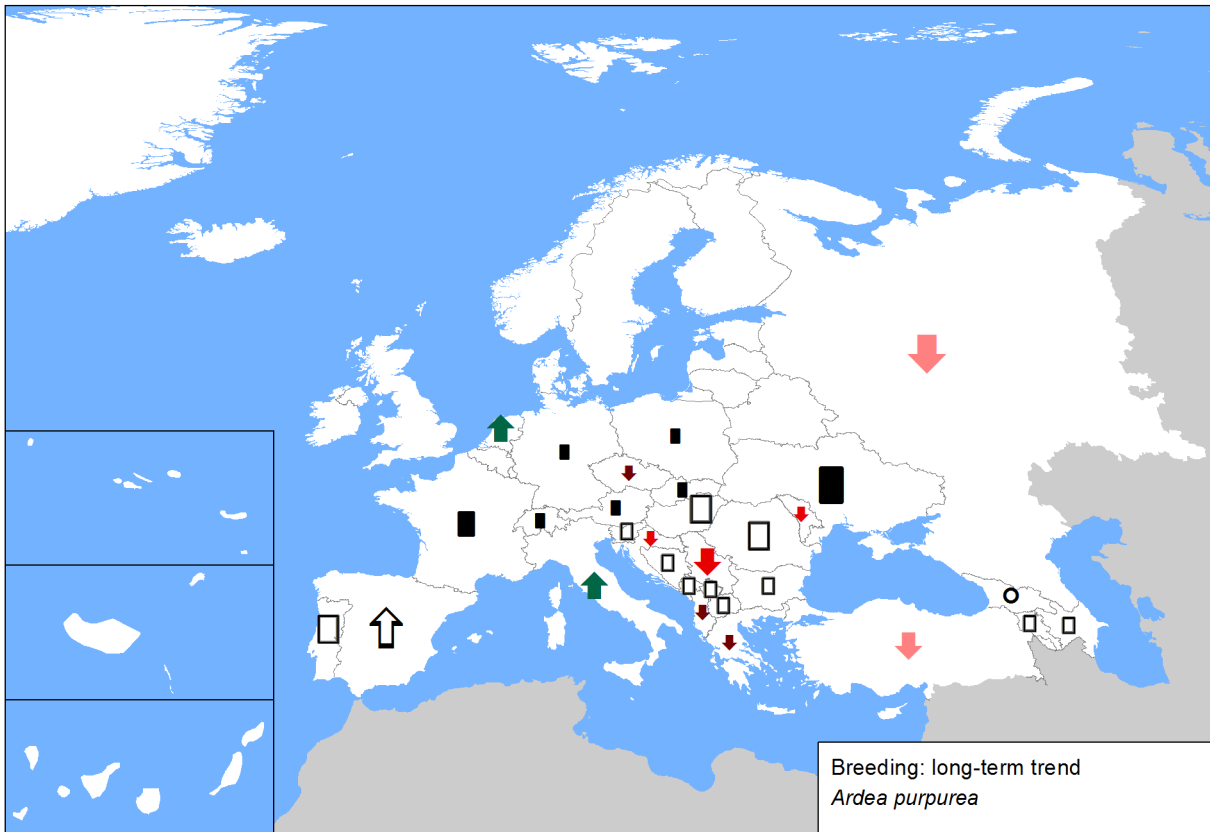
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small:  $< 1\%$  of the European population

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.



*Ardea purpurea* (Purple Heron)

## Sources

### Albania

**Breeding population size:** Bino pers. Obs.

**Breeding short-term trend:** Bino pers. obs.

**Breeding long-term trend:** Bino pers. obs.

### Armenia

**Breeding population size:** ASPB data

### Austria: *A. p. purpurea*, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa

**Breeding population size:** E. Nemeth, unpublished data

**Breeding short-term trend:** E. Nemeth, unpublished data

**Breeding long-term trend:** E. Nemeth, unpublished data; A. Grüll, A. Ranner et al.; unpublished data

### Azerbaijan

**Breeding population size:** BirdLife International 2004

### Bosnia and Herzegovina

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

### Bulgaria: *A. p. purpurea*, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa

**Breeding population size:** Boev Z., Michev T., Kambourova N. (2011). Purple Heron. In: Red Data Book of Bulgaria, Golemanski G. (ed.), (web edition, <http://e-ecodb.bas.bg/rdb/bg/>). SPAs mapping in 2012 Common Bird Monitoring Scheme <http://bspb.org/monitoring/>

**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, 80-81; Boev Z., Michev T., Kambourova N. (2011). Purple Heron. In: Red Data Book of Bulgaria, Golemanski G. (ed.), (web edition, <http://e-ecodb.bas.bg/rdb/bg/>).

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### Croatia

**Breeding population size:** Tutiš, V., Kralj, J., Radović, D., Čiković, D. i Barišić, S. (2013): Crvena knjiga ptica Republike Hrvatske. Ministarstvo zaštite okoliša i prirode, Državni zavod za zaštitu prirode, Zagreb

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

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

### Czech Republic: *A. p. purpurea*, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa

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

**Breeding long-term trend:** STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnízdního rozšíření ptaku v České republice. Aventinum Praha

### France: *A. p. purpurea*, West Europe & West Mediterranean/West Africa

**Breeding population size:** MARION, L. 2009 Recensement national des Hérons coloniaux de France en 2007 : Héron cendré, Héron pourpré, Héron bihoreau, Héron crabier, Héron garde-bœufs, Aigrette garzette, Grande Aigrette, 243-268

**Breeding short-term trend:** MARION, L. 2009 Recensement national des Hérons coloniaux de France en 2007 : Héron cendré, Héron pourpré, Héron bihoreau, Héron crabier, Héron garde-bœufs, Aigrette garzette, Grande Aigrette, 243-268

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### Georgia

**Breeding population size:** BirdLife International 2004

### Germany: *A. p. purpurea*, West Europe & West Mediterranean/West Africa

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

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

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

### Greece: *A. p. purpurea*, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa

**Breeding population size:** Kazantzidis, S. & G. Yfantis. 2012. Heronries in Greece - 2nd national Census. Oionos (Hellenic Ornithological Society's 3-monthly edition) 49: 8-9.

**Breeding short-term trend:** Kazantzidis, S. 2005. Herons. Hellenic Ornithological Society, Thessaloniki.

**Breeding long-term trend:** Crivelli, A., Jerrentrup, H. & B. Hallmann. 1988. Preliminary results of a complete census of breeding colonial wading birds in Greece, spring 1985-1986. HOS Newsletter 4:31-33

## *Ardea purpurea* (Purple Heron)

### **Hungary: A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa**

**Breeding population size:** National Park Directorates databases Breeding bird (MME RTM) database.

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

### **Italy: A. p. purpurea, West Europe & West Mediterranean/West Africa**

**Breeding population size:** Mezzavilla F & Scarton F. 2013. Le garzaie in Veneto. Risultati dei censimenti svolti nel 2009-2010. Associazione Faunisti Veneti, 224 Pp. Puglisi L, Pezzo F, Sacchetti A. 2012. Gli aironi coloniali in Toscana. Andamento, distribuzione e conservazione. Edizioni Regione Toscana. Fasola M, Albanese G, AsOER. Boano G, Boncompagni E, Bressan U, Brunelli M, Ciaccio A, Floris G, Grussu M, Guglielmi R, Guzzon C, Mezzavilla F, Paesani G, Sacchetti A, Sanna M, Scarton F, Scocciati C, Utmar P, Vaschetti G & Velatta F. 2007. Le garzaie in Italia, 2002. Avocetta 31:5-46 Provincia di Perugia, Servizio Gestione Faunistica e Protezione Ambientale, unpubl. datas. Tinarelli R. Pers. comm. Fasola M, Pers. comm.

**Breeding short-term trend:** Mezzavilla F & Scarton F. 2013. Le garzaie in Veneto. Risultati dei censimenti svolti nel 2009-2010. Associazione Faunisti Veneti, 224 Pp. Puglisi L, Pezzo F, Sacchetti A. 2012. Gli aironi coloniali in Toscana. Andamento, distribuzione e conservazione. Edizioni Regione Toscana. Fasola M, Albanese G, AsOER. Boano G, Boncompagni E, Bressan U, Brunelli M, Ciaccio A, Floris G, Grussu M, Guglielmi R, Guzzon C, Mezzavilla F, Paesani G, Sacchetti A, Sanna M, Scarton F, Scocciati C, Utmar P, Vaschetti G & Velatta F. 2007. Le garzaie in Italia, 2002. Avocetta 31:5-46 Provincia di Perugia, Servizio Gestione Faunistica e Protezione Ambientale, unpubl. datas. Tinarelli R. Pers. comm. Fasola M, Pers. comm.

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### **Kosovo**

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

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

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

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

### **Moldova**

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

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

**Breeding long-term trend:** 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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**Breeding population size:** Dubak, Vešović, N., Saveljić, D (2013): Izveštaj o stanju životne sredine za 2013. Agencija za zaštitu životne sredine Crne Gore. Podgorica

### **Netherlands: A. p. purpurea, West Europe & West Mediterranean/West Africa**

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

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

**Breeding long-term trend:** Sovon

### **Poland: A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa**

**Breeding population size:** Komisja Faunistyczna 2009. Rzadkie ptaki obserwowane w Polsce w roku 2008. Raport nr 25. Not. Orn. 50: 111–142; Komisja Faunistyczna 2010. Rzadkie ptaki obserwowane w Polsce w roku 2009. Raport nr 26. Ornis Polonica 52: 117–148; Komisja Faunistyczna 2011. Rzadkie ptaki obserwowane w Polsce w roku 2010. Raport nr 27. Ornis Polonica 52: 117–149; Komisja Faunistyczna 2012. Rzadkie ptaki obserwowane w Polsce w roku 2011. Raport nr 28. Ornis Polonica 53: 105–140; Komisja Faunistyczna 2012. Rzadkie ptaki obserwowane w Polsce w roku 2012. Raport nr 29. Ornis Polonica 54: 109–150; [http://www.komisjafaunistyczna.pl/kf-en/index\\_en.html](http://www.komisjafaunistyczna.pl/kf-en/index_en.html) (access date: 09.10.2013)

**Breeding short-term trend:** Tomiałojć L. & Stawarczyk T. 2003. Awifauna Polski: rozmieszczenie, liczebność i zmiany. PTPP "pro Natura"; Sikora A., Rohde Z., Gromadzki M., Neubauer G. & Chylarecki P. (red.) 2007. Atlas rozmieszczenia ptaków lęgowych Polski 1985-2004. Bogucki Wydawnictwo Naukowe; Komisja Faunistyczna 2009. Rzadkie ptaki obserwowane w Polsce w roku 2008. Raport nr 25. Not. Orn. 50: 111–142; Komisja Faunistyczna 2010. Rzadkie ptaki obserwowane w Polsce w roku 2009. Raport nr 26. Ornis Polonica 52: 117–148; Komisja Faunistyczna 2011. Rzadkie ptaki obserwowane w Polsce w roku 2010. Raport nr 27. Ornis Polonica 52: 117–149; Komisja Faunistyczna 2012. Rzadkie ptaki obserwowane w Polsce w roku 2011. Raport nr 28. Ornis Polonica 53: 105–140; Komisja Faunistyczna 2012. Rzadkie ptaki obserwowane w Polsce w roku 2012. Raport nr 29. Ornis Polonica 54: 109–150; [http://www.komisjafaunistyczna.pl/kf-en/index\\_en.html](http://www.komisjafaunistyczna.pl/kf-en/index_en.html) (access date: 09.10.2013)

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### **Portugal: A. p. purpurea, West Europe & West Mediterranean/West Africa**

**Breeding population size:** informação ICNF

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

### **Romania: A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa**

**Breeding population size:** SOR database

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### **Romania: A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa**

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

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**Breeding short-term trend:** 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. - Strepet 1: 10-30 (in Russian). Krivenko V.G, Vinogradov V.G. 2008. Birds of the Water Environment and Rhythms of Climate of the Northern Eurasia. Moscow: 588 p. (in Russian).

### **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: A. p. purpurea, East Europe, Black Sea & Mediterranean/Sub-Saharan Africa**

**Breeding population size:** Ridzoň, J., Karaska, D., Darolová, A.

**Breeding short-term trend:** Ridzoň, J., Karaska, D., Darolová, A.

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