



THE IUCN RED LIST
OF THREATENED SPECIES™



Phoenicopterus roseus (Greater Flamingo)

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.

Phoenicopterus roseus (Greater Flamingo)

Table 1. Reported national breeding population size and trends in Europe¹.

Country (or territory) ²	Population estimate				Short-term population trend ⁴				Long-term population trend ⁴				Subspecific population (where relevant)
	Size (pairs) ³	Europe (%)	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	
Azerbaijan	100-500	<1	1996-2000	medium	?				?				
France	8,800-13,720	21	2008-2012	good	F	0	2000-2012	good	F	0	1980-2012	good	West Mediterranean
Italy	4,152	8	2010	good	+	25-35	2000-2010	medium	+	195-220	1993-2010	poor	West Mediterranean
Montenegro	300-350	1	2002-2012	good	+		2002-2012	good	?				
Spain	18,976-19,076	36	2007	good	+	1-35	1997-2007	good	+	7	1980-2009	good	West Mediterranean
Turkey	12,628-24,624	34	2008-2012	good	F	0	2000-2012	good	0	0-19	1990-2013	good	
EU27	31,900-36,900	65			Increasing								
Europe	45,000-62,400	100			Increasing								

¹ 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>.

² 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.

³ 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.

⁴ 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.

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

⁶ Trend magnitudes are rounded to the nearest integer.

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Table 2. Reported national wintering population sizes and trends in Europe¹. Note that some countries within the species' wintering range did not report any data, and that only minimum totals are presented, to avoid double-counting of birds moving between countries.

Country (or territory) ²	Population estimate				Short-term population trend ⁴				Long-term population trend ⁴				Subspecific population (where relevant)
	Size (individuals) ³	Europe (%)	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	
Albania	70-1,200	<1	2002-2012	good	+	10-30	2002-2012	good	+	50-70	1980-2012	medium	
Azerbaijan	7,000-18,000	5	2014	good	F	0	2000-2014	good	F	0	1980-2014	good	
Cyprus	3,000-20,000	4	2008-2012	good	0	0	2001-2012	good	0	0	1980-2012	medium	
France	38,000	18	2008-2012	good	+	30	2000-2012	good	+	160	1980-2012	good	
Greece	8,989-27,625	8	2007-2013	good	+	172	2004-2013	good	0	0	1982-2013	good	
Italy	27,535-31,413	14	2007-2009	good	+	25-45	2000-2009	good	+	150-190	1991-2009	good	
Montenegro	300-2,500	<1	2003-2012	good	+		2003-2012	good	+		1991-2012	good	
Portugal	5,133	2	2008-2012	good	+	280-300	2001-2012	good	+	2900-3100	1980-2012	medium	
Spain	46,733-48,863	23	2008-2010	good	+	36	2000-2010	good	+	68	1980-2009	good	
Turkey	35,144-71,257	24	2002-2012	good	F	0	2002-2012	poor	?				
EU27	129,000-171,000	70		Increasing									
Europe	172,000-264,000	100		Increasing									

¹ 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>.

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

⁶ 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

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Figure 1. Breeding population sizes and short-term trends across Europe.

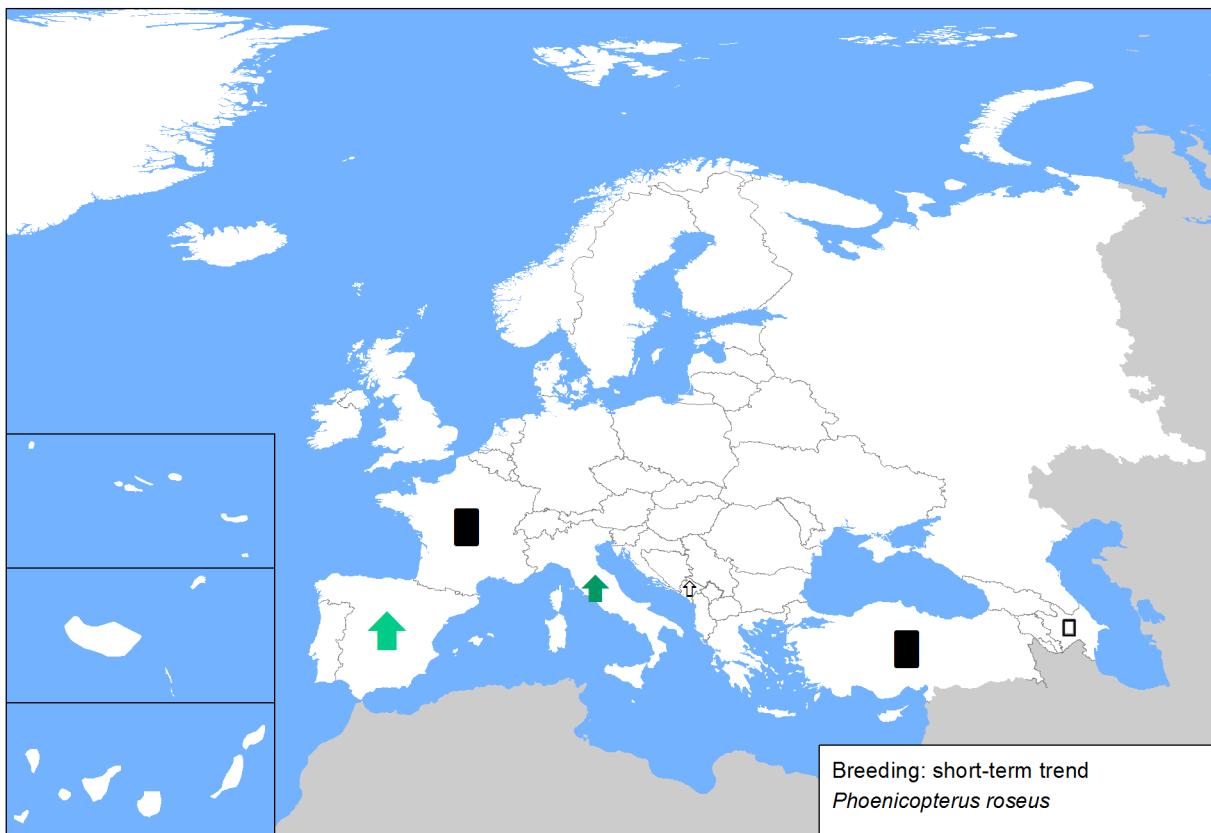


Figure 2. Breeding population sizes and long-term trends across Europe.

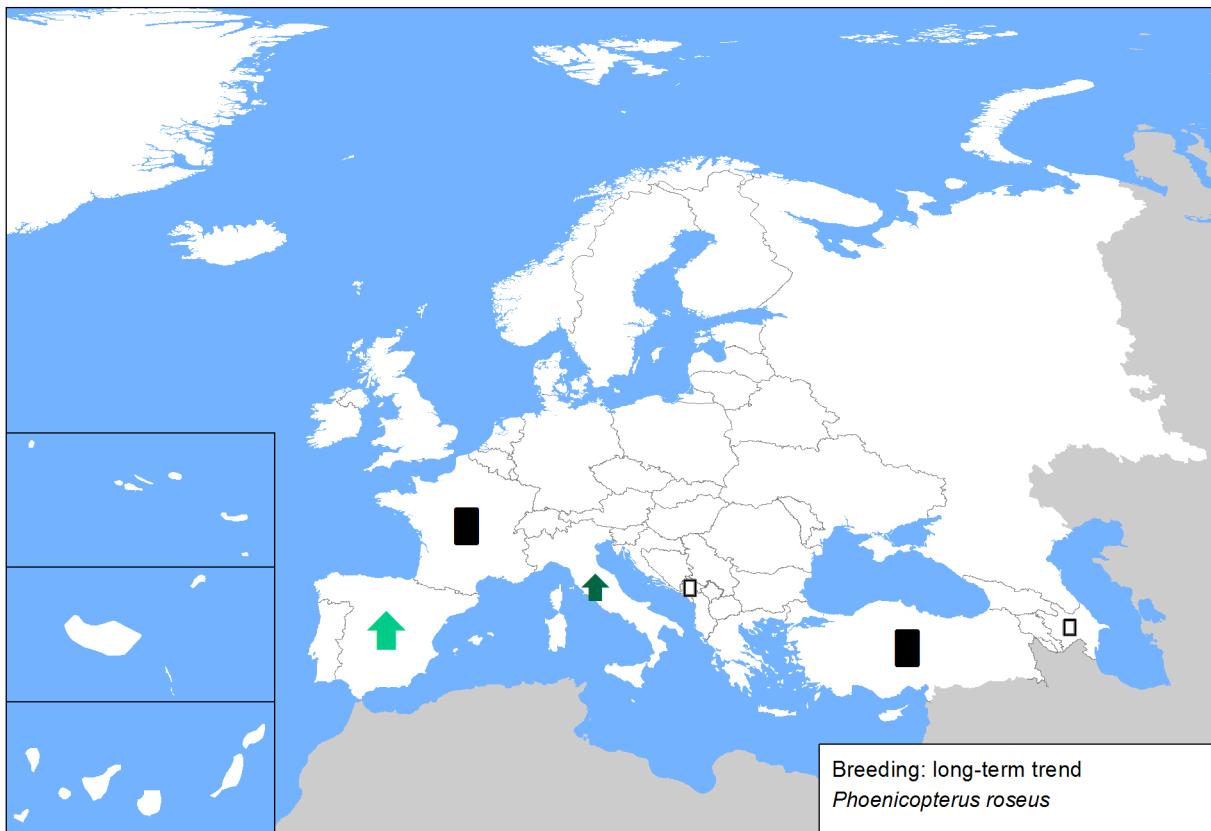


Figure 3. Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.

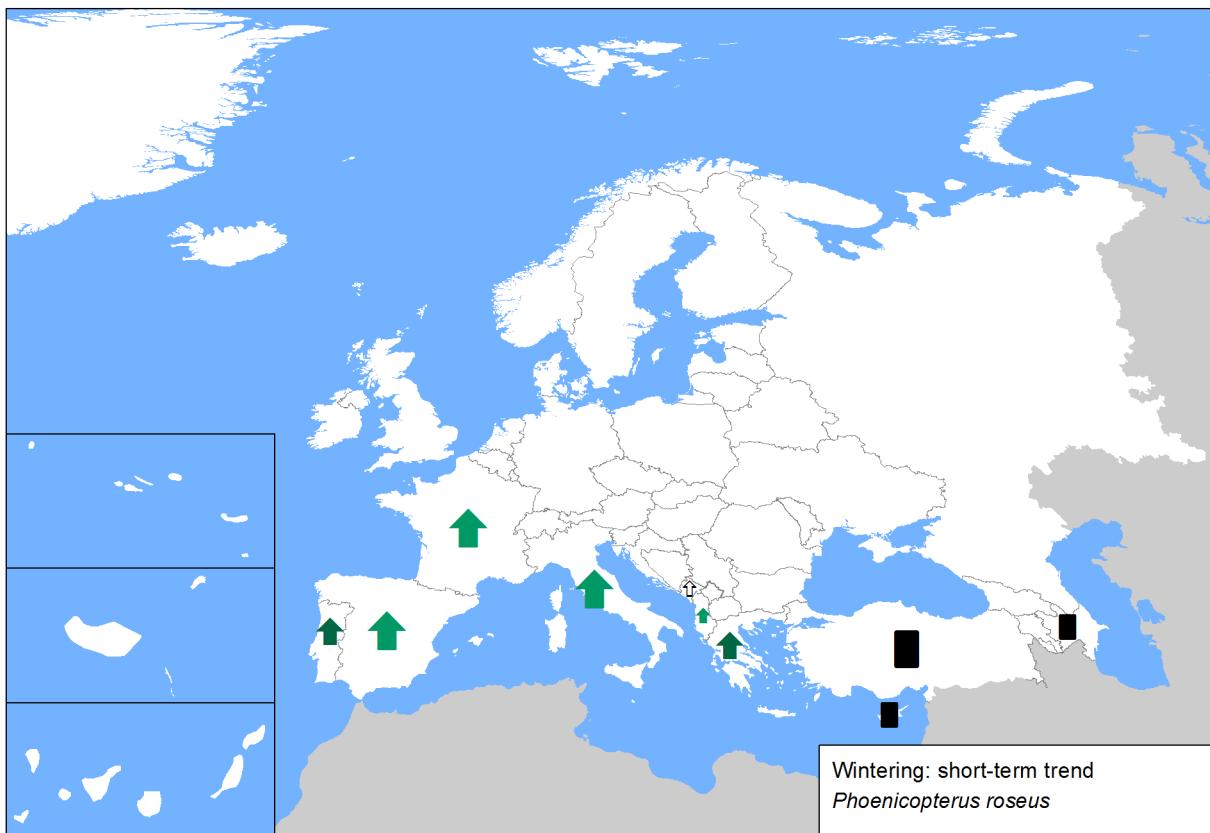
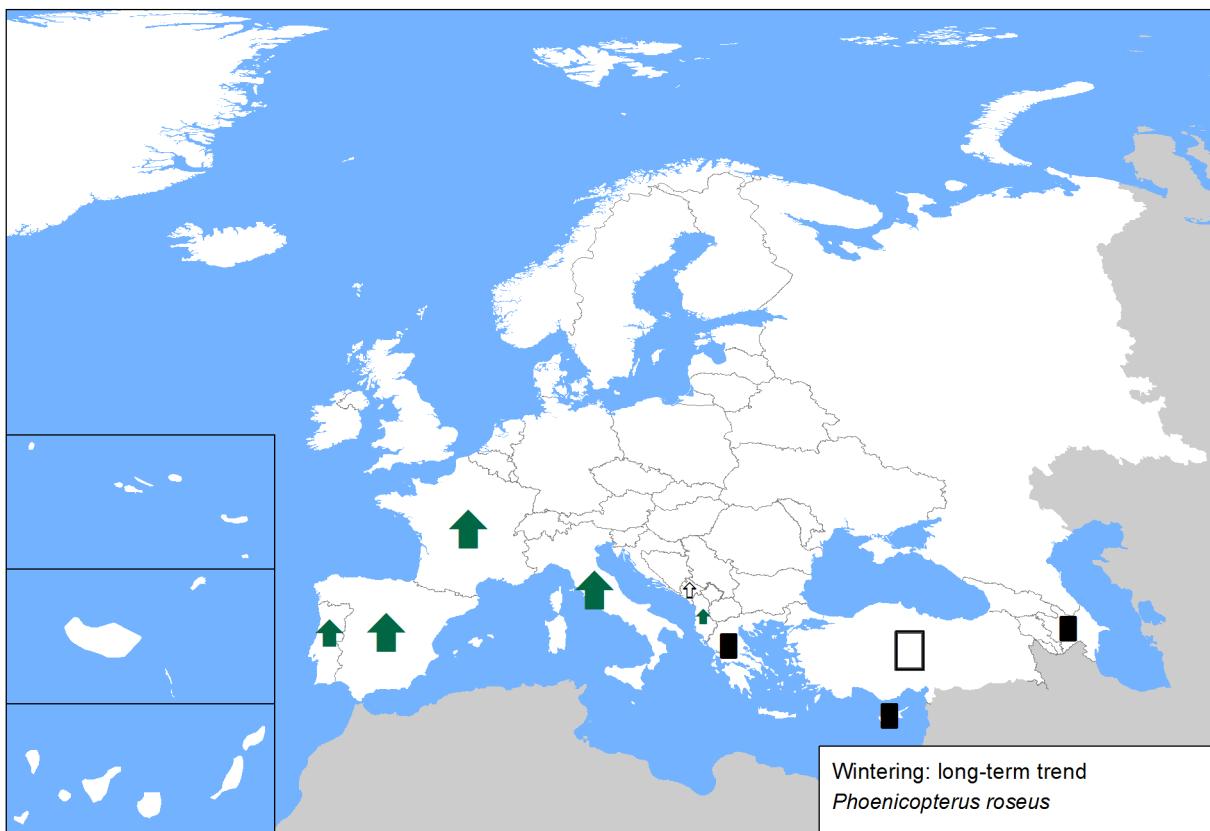


Figure 4. Reported wintering population sizes and long-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



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Sources

Albania

Winter population size:	Bino pers. Obs.
Winter short-term trend:	Bino pers. obs.
Winter long-term trend:	Bino pers. obs.

Azerbaijan

Breeding population size:	BirdLife International 2004
Winter population size:	AOS data base
Winter short-term trend:	AOS data base
Winter long-term trend:	AOS data base

Cyprus: East Mediterranean

Winter population size:	Monthly waterbird counts (maxima from Dec, Jan and Feb counts) by BirdLife Cyprus and Game & Fauna Service, as published in BirdLife Cyprus monthly checklists and also by the Game & Fauna Service
Winter short-term trend:	Monthly waterbird counts (maxima from Dec, Jan and Feb counts) by BirdLife Cyprus (and in more recent years by Game & Fauna Service), as published in BirdLife Cyprus monthly checklists and annual reports
Winter long-term trend:	More recent records (2000 onwards) as above, pre-2000 records based on winter counts reported in the annual reports of the two Cyprus Ornithological Societies: COS 1957 and COS 1970.

France: West Mediterranean

Breeding population size:	BECHET A. 2013 Avis d'expert sur les effectifs de Flamant rose en France
Breeding short-term trend:	Kayser, Y.; m. Gauthier-Clerc; Béchet, A.; Poulin, B.; Massez, G.; Chérain, Y.; Paoli, J.; sadoul, N.; Vialet, E.; g. Paulus; n. Vincent-Martin; p. Pilard & Isenmann, P. 2008 Compte rendu ornithologique Camarguais pour les années 2001-2006, SNPN, 299-350 Alan Johnson & Frank Cézilly 2007 The Greater Flamingo, T & AD Poyer, 328
Breeding long-term trend:	Kayser, Y.; m. Gauthier-Clerc; Béchet, A.; Poulin, B.; Massez, G.; Chérain, Y.; Paoli, J.; sadoul, N.; Vialet, E.; g. Paulus; n. Vincent-Martin; p. Pilard & Isenmann, P. 2008 Compte rendu ornithologique Camarguais pour les années 2001-2006, SNPN, 299-350 Alan Johnson & Frank Cézilly 2007 The Greater Flamingo, T & AD Poyer, 328
Winter population size:	LPO - Wetlands International 2012 Base de données des dénominations d'oiseaux d'eau « Wetlands International » 1980-2012 réalisées à la mi-janvier, LPO - BirdLife France, Rochefort
Winter short-term trend:	LPO - Wetlands International 2012 Base de données des dénominations d'oiseaux d'eau « Wetlands International » 1980-2012 réalisées à la mi-janvier, LPO - BirdLife France, Rochefort
Winter long-term trend:	LPO - Wetlands International 2012 Base de données des dénominations d'oiseaux d'eau « Wetlands International » 1980-2012 réalisées à la mi-janvier, LPO - BirdLife France, Rochefort

Greece

Winter population size:	Midwinter Counts Database, Hellenic Ornithological Society
Winter short-term trend:	Midwinter Counts Database, Hellenic Ornithological Society
Winter long-term trend:	Midwinter Counts Database, Hellenic Ornithological Society

Italy: West Mediterranean

Breeding population size:	Lee, R., Arengo, F. & Bechet, A. (eds.). 2011. Flamingo, Bulletin of the IUCN-SSC/Wetlands International Flamingo Specialist Group, No. 18. Wildfowl & Wetlands Trust, Slimbridge, UK.
Breeding short-term trend:	Brichetti P. & Fracasso G., 2013. Ornitologia Italiana. Vol. 1 - Parte Prima: Gaviidae-Phoenicopteridae. Edizione elettronica riveduta e aggiornata. Oasi Alberto Perdisa Editore, Bologna. Lee, R., Arengo, F. & Bechet, A. (eds.). 2011. Flamingo, Bulletin of the IUCN-SSC/Wetlands International Flamingo Specialist Group, No. 18. Wildfowl & Wetlands Trust, Slimbridge, UK.
Breeding long-term trend:	Brichetti P. & Fracasso G., 2013. Ornitologia Italiana. Vol. 1 - Parte Prima: Gaviidae-Phoenicopteridae. Edizione elettronica riveduta e aggiornata. Oasi Alberto Perdisa Editore, Bologna. Lee, R., Arengo, F. & Bechet, A. (eds.). 2011. Flamingo, Bulletin of the IUCN-SSC/Wetlands International Flamingo Specialist Group, No. 18. Wildfowl & Wetlands Trust, Slimbridge, UK.
Winter population size:	IWC ISPRA
Winter short-term trend:	IWC ISPRA
Winter long-term trend:	IWC ISPRA Baccetti N, Dall'Antonia P, Magagnoli P, Melega L, Serra L, Soldatini C & Zenatello M. 2002. Risultati dei censimenti degli uccelli acquatici svernanti in Italia: distribuzione, stima e trend delle popolazioni nel 1991-2000. Biol. Cons. Fauna 111: 1-240

Montenegro

Breeding population size:	Puzovic, S., Simic, D., Saveljić, D., Gergelj, J., Tucakov,M.,Stojnic,N., Hulo, I., Ham, I., Vizi,O., Sciban,M., Ruzic,M., Vukanovic,M., Jovanovic, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12,
Breeding short-term trend:	Puzovic, S., Simic, D., Saveljić, D., Gergelj, J., Tucakov,M.,Stojnic,N., Hulo, I., Ham, I., Vizi,O., Sciban,M., Ruzic,M., Vukanovic,M., Jovanovic, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12,
Winter population size:	IWC reports (2003-2012): Dubak, Vešović, N., Jovićević, M., Vizi O., Vizi,A.
Winter short-term trend:	Puzovic, S., Simic, D., Saveljić, D., Gergelj, J., Tucakov,M.,Stojnic,N., Hulo, I., Ham, I., Vizi,O., Sciban,M., Ruzic,M., Vukanovic,M., Jovanovic, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12,

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Montenegro

Winter long-term trend: Puzovic, S., Simic, D., Saveljić, D., Gergelj, J., Tucakov, M., Stojnic, N., Hulo, I., Ham, I., Vizi, O., Sciban, M., Ruzic, M., Vukanovic, M., Jovanovic, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12,

Portugal: West Mediterranean

Winter population size: Programa Nacional de Monitorização de Aves Aquáticas Invernantes

Winter short-term trend: Programa Nacional de Monitorização de Aves Aquáticas Invernantes

Winter long-term trend: Programa Nacional de Monitorização de Aves Aquáticas Invernantes

Spain: West Mediterranean

Breeding population size: Máñez, M. & Rendón-Martos, M. (Eds.). 2009. El morito, la espátula y el flamenco en España. Población en 2007 y método de censo. SEO/BirdLife. Madrid. 122pp. http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/25_morito_espatala_y_flamenco_tcm7-218237.pdf

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Turkey

Breeding population size: Özge Balkız personal communication. Balkız, O., Onmus, O., Siki M., Döndüren, Ö., Gül O., Arnaud, A., Germain, C., İsfendiyaroğlu, S., Ozbek, M., Caglayan, E., Ozesmi, U., Béchet, A. (in preparation). Turkey as a crossroad for Greater flamingos *Phoenicopterus roseus*: evidence from population trends, ring-resightings and genetic information,

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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)

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