

***Aquila heliaca* (Eastern Imperial Eagle)**

European Red List of Birds

Supplementary Material

The European Union (EU28) 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 2019-20. 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 (2021).

Contents

Reported national population sizes and trends
Trend maps of reported national population data
Sources of reported national population data
Species factsheet bibliography

Recommended citation

BirdLife International (2021) European Red List of Birds. Luxembourg: Publications Office of the European Union.

Further information

<http://datazone.birdlife.org/info/euroredlist>
<http://www.birdlife.org/europe-and-central-asia/european-red-list-birds-0>
<http://www.iucnredlist.org/regions/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.

Aquila heliaca (Eastern Imperial Eagle)

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

Country (or territory) ²	Population estimate				Short-term population trend ⁵				Long-term population trend ⁵				Subspecific population (where relevant)
	Size (pairs) ³	Europe (%)	Year(s)	Method ⁴	Direction ⁶	Magnitude (%) ⁷	Year(s)	Method ⁴	Direction ⁶	Magnitude (%) ⁷	Year(s)	Method ⁴	
Armenia	1	<1	2013-2018	complete	?		2007-2018	deficient	?		2003-2018	deficient	
Austria	11–19	<1	2013-2018	complete	+		2007-2018	complete	+		1999-2018	complete	
Azerbaijan	70–150	4	1996-2019	complete	0		2013-2019	expert	0		1980-2020	complete	
Bulgaria	26–36	1	2005-2018	complete	+	20 to 150	2000-2018	complete	+	20 to 150	1980-2018	complete	
Croatia	0–1	<1	2010-2015	expert	-		2007-2018	expert	-		1980-2018	expert	
Cyprus	0	<1	2013-2018	complete	0	0	2007-2018	complete	-	-100	1980-2018	complete	
Czechia	5–10	<1	2014-2017	complete	+		2007-2018	complete	+		1998-2018	complete	
Georgia	5–15	<1	2016-2019	complete	-	-88 to -57	2005-2019	complete	?				
Greece	1–7	<1	2015	complete	0		2007-2018	complete	?		1980-2018	deficient	
Hungary	150–230	8	2013-2017	complete	+		2007-2017	complete	+	788 to 903	1980-2018	complete	
Kosovo	2	<1	2007-2019	deficient	?		2007-2018	deficient	?		1990-2018	partial	
North Macedonia	32–37	1	2014-2019	expert	+	7 to 15	2007-2018	complete	+	40 to 60	1980-2019	complete	
Moldova		<1	2014-2017		?				?		1990-2018	deficient	
Romania	1–3	<1	2013-2018	expert	+	100 to 300	2007-2018	expert	+	100 to 300	1980-2018	expert	
Russia	1400–2000	70	2005-2015	partial	+	0	2005-2015	partial	+	1	1980-2018	partial	
Serbia	2–4	<1	2013-2018	complete	0	0	2007-2018	complete	-	-79 to -50	1980-2018	complete	
Slovakia	70–90	3	2013-2018	complete	+	10 to 20	2007-2018	complete	+	50 to 100	1980-2018	complete	
Turkey	120–300	8	2013-2019	complete	?		2012-2018	deficient	?		1980-2013	deficient	
Ukraine	45–100	2	2009-2018	partial	-	-15 to -5	2009-2018	partial	-	-10	1996-2018	partial	
EU28	270–390	13											
Europe	1900–3000	100											

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 'method used' (replacing the data 'quality' assessment in the 2015 European Red List) is reported as: a) Complete: complete survey or a statistically robust estimate; b) Partial: based mainly on extrapolation from a limited amount of data; c) Expert: based mainly on expert opinion with very limited data; d) Deficient: insufficient or no data available.

⁵ 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.

⁶ Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

⁷ Trend magnitudes are rounded to the nearest integer.

Aquila heliaca (Eastern Imperial Eagle)

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 ⁵				Long-term population trend ⁵				Subspecific population (where relevant)
	Size (individuals) ³	Europe (%)	Year(s)	Method ⁴	Direction ⁶	Magnitude (%) ⁷	Year(s)	Method ⁴	Direction ⁶	Magnitude (%) ⁷	Year(s)	Method ⁴	
Bulgaria	30–60	75	2013-2018	partial	+	100	2000-2018	complete	+	300	1980-2018	partial	
Greece	10–20	25	2013-2018	partial	?		2007-2018	deficient	?		1980-2018	deficient	
EU28	40–80	100											
Europe	40–80	100											

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 'method used' (replacing the data 'quality' assessment in the 2015 European Red List) is reported as: a) Complete: complete survey or a statistically robust estimate; b) Partial: based mainly on extrapolation from a limited amount of data; c) Expert: based mainly on expert opinion with very limited data; d) Defficient: insufficient or no data available.

⁵ 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.

⁶ Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

⁷ 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.

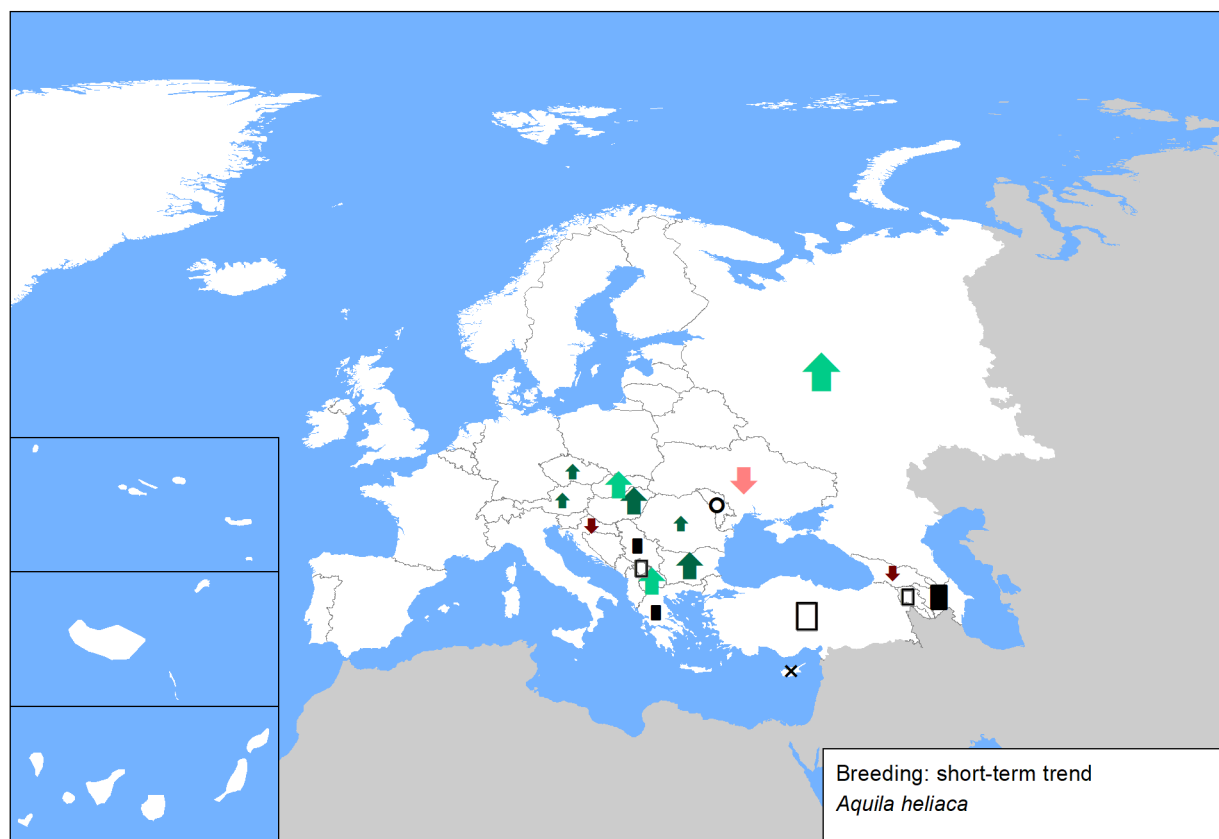


Figure 2. Breeding population sizes and long-term trends across Europe.

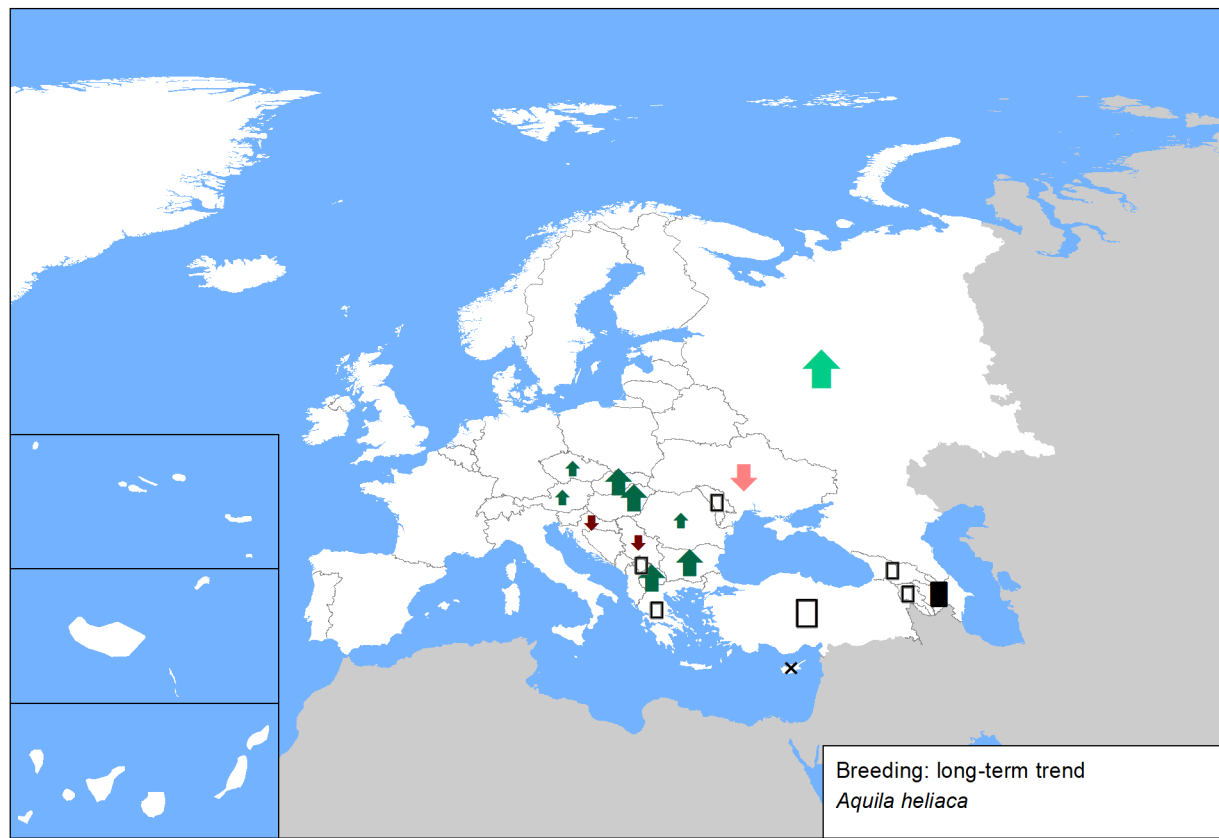


Figure 3. Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.

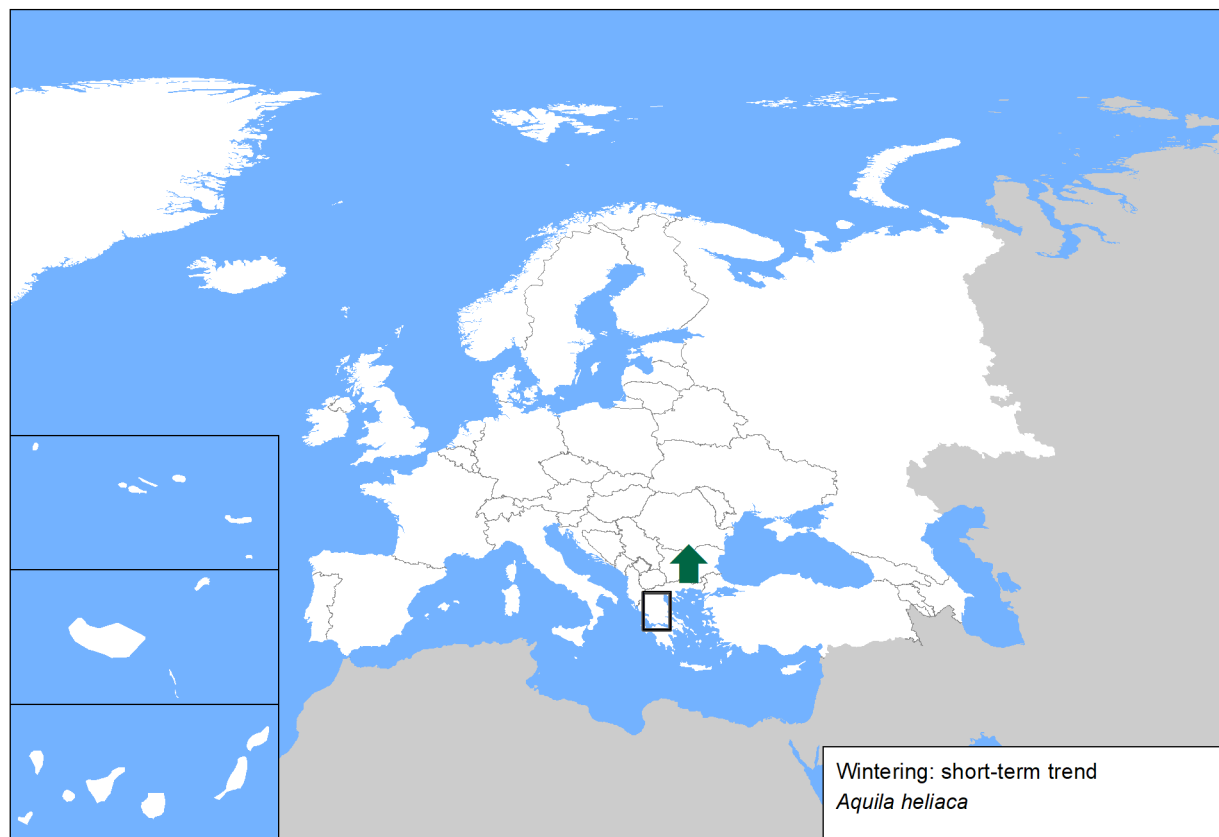


Figure 4. Reported wintering population sizes and long-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



Aquila heliaca (Eastern Imperial Eagle)

Sources

Armenia

Breeding population size: TSE NGO National Bird Monitoring data.
Breeding short-term trend: TSE (2020) The Atlas of the Breeding Birds in Armenia. In preparation.
Breeding long-term trend: TSE (2020) The Atlas of the Breeding Birds in Armenia. In preparation.

Austria

Breeding population size: BirdLife Austria, unpublished data from species conservation projects in Lower Austria and Burgenland
Breeding short-term trend: BirdLife Austria, unpublished data from species conservation projects in Lower Austria and Burgenland
Breeding long-term trend: Ranner 2006; BirdLife Austria, unpublished data from species conservation projects in Lower Austria and Burgenland

Azerbaijan

Breeding population size: AOS data base
Breeding short-term trend: AOS data base
Breeding long-term trend: AOS Data Base

Bulgaria

Breeding population size: Stoychev, S., Ts. Petrov, D. Demerdzhiev, B. Tonchev, G. Daskalova, E. Stoykov. 2007. Imperial Eagle <i>Aquila heliaca</i> . - In: Iankov, P. (ed.) Atlas of Breeding birds in Bulgaria. BSPB, Book 10. 164-165.; National Art. 12 reporting database 2013-2018; Stoychev S., I. Ivanov, Tz. Petrov, S. Marin, D. Demerdzhiev, G. Gradev, D. Domuschiev. 2004. Status of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Bulgaria between 1994 and 2002. – Raptors Worldwide. 6th World Conference on Birds of Prey and Owls. Budapest, Hungary, 18 – 23 may 2003.; Demerdzhiev D., S. Stoychev, D. Dobrev, S. Spasov and N. Terziev. 2014. Conservation measures undertaken to improve the population status of eastern imperial eagle (<i>Aquila heliaca</i>) in Bulgaria – Slovak Raptor Journal, 8 (1): 27-39.; Petrov, Ts., I. Ivanov, S. Marin, S. Stoychev, D. Demerdzhiev 2011. Imperial Eagle (<i>Aquila heliaca</i> Savigny, 1809). – In: Golemanski, V. (ed.). Red Data Book of Bulgaria, Vol. 2, Fauna. DEMERDZHIEV, D., M. HORVÁTH, A. KOVÁCS, S. STOYCHEV AND I. KARYAKIN 2011. Status and population trend of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Europe in the period 2000-2010. Acta zool. Bulg., Suppl. 3: 5-14. DEMERDZHIEV, D., G. GRADEV, S. STOYCHEV, I. IVANOV, TS. PETROV AND S. MARIN 2011. Increase of the population of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Bulgaria. Acta zool. Bulg., Suppl. 3: 41-54.
Breeding short-term trend: Demerdzhiev D., S. Stoychev, D. Dobrev, S. Spasov and N. Terziev. 2014. Conservation measures undertaken to improve the population status of eastern imperial eagle (<i>Aquila heliaca</i>) in Bulgaria – Slovak Raptor Journal, 8 (1): 27-39.; Stoychev S., I. Ivanov, Tz. Petrov, S. Marin, D. Demerdzhiev, G. Gradev, D. Domuschiev. 2004. Status of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Bulgaria between 1994 and 2002. – Raptors Worldwide. 6th World Conference on Birds of Prey and Owls. Budapest, Hungary, 18 – 23 may 2003.; National Art. 12 reporting database 2013-2018; Demerdzhiev D., S. Stoychev, D. Dobrev, S. Spasov and N. Terziev. 2014. Conservation measures undertaken to improve the population status of eastern imperial eagle (<i>Aquila heliaca</i>) in Bulgaria – Slovak Raptor Journal, 8 (1): 27-39.; Stoychev, S., Ts. Petrov, D. Demerdzhiev, B. Tonchev, G. Daskalova, E. Stoykov 2007. <i>Aquila heliaca</i> Imperial Eagle. -In: Yankov, P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. BSPB. Conservation Series, Book 10. Sofia, BSPB, 164-165 pp.; Petrov, Ts., I. Ivanov, S. Marin, S. Stoychev, D. Demerdzhiev 2011. Imperial Eagle (<i>Aquila heliaca</i> Savigny, 1809). – In: Golemanski, V. (ed.). Red Data Book of Bulgaria, Vol. 2, Fauna.; DEMERDZHIEV, D., M. HORVÁTH, A. KOVÁCS, S. STOYCHEV AND I. KARYAKIN 2011. Status and population trend of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Europe in the period 2000-2010. Acta zool. Bulg., Suppl. 3: 5-14.; DEMERDZHIEV, D., G. GRADEV, S. STOYCHEV, I. IVANOV, TS. PETROV AND S. MARIN 2011. Increase of the population of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Bulgaria. Acta zool. Bulg., Suppl. 3: 41-54.;
Breeding long-term trend: Stoychev, S., Ts. Petrov, D. Demerdzhiev, B. Tonchev, G. Daskalova, E. Stoykov 2007. <i>Aquila heliaca</i> Imperial Eagle. -In: Yankov, P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. BSPB. Conservation Series, Book 10. Sofia, BSPB, 164-165 pp. MICHEV, T. & TZ. PETROV. 1979. On the distribution of the Imperial eagle (<i>Aquila heliaca</i> Savigny) in Bulgaria. Journal of the museums of South Bulgaria 5: 65-77. (In Bulgarian) PETROV, TZ., P. IANKOV, A. DARAKCHIEV, KH. NIKOLOV, T. MICHEV, L. B. MILCHEV. 1996. Status of the Imperial Eagle <i>Aquila heliaca</i> in Bulgaria in the period between 1890 and 1993. Pp. 429-434. In: Meyburg, B-U. and R. D. Chancellor (eds.): Eagle Studies, WWGBP, Berlin, London Paris, Stoychev S., I. Ivanov, Tz. Petrov, S. Marin, D. Demerdzhiev, G. Gradev, D. Domuschiev. 2004. Status of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Bulgaria between 1994 and 2002. – Raptors Worldwide. 6th World Conference on Birds of Prey and Owls. Budapest, Hungary, 18 – 23 may 2003. Petrov, Ts., I. Ivanov, S. Marin, S. Stoychev, D. Demerdzhiev 2011. Imperial Eagle (<i>Aquila heliaca</i> Savigny, 1809). – In: Golemanski, V. (ed.). Red Data Book of Bulgaria, Vol. 2, Fauna. DEMERDZHIEV, D., M. HORVÁTH, A. KOVÁCS, S. STOYCHEV AND I. KARYAKIN 2011. Status and population trend of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Europe in the period 2000-2010. Acta zool. Bulg., Suppl. 3: 5-14. DEMERDZHIEV, D., G. GRADEV, S. STOYCHEV, I. IVANOV, TS. PETROV AND S. MARIN 2011. Increase of the population of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Bulgaria. Acta zool. Bulg., Suppl. 3: 41-54.
Winter population size: Stoychev, S., D. Demerdzhiev, Ts. Petrov. 2012. Action Plan for the Conservation of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Bulgaria. BSPB, Sofia, 91 pp.; National Art. 12 reporting database 2013-2018; DEMERDZHIEV D. 2011. Eastern Imperial Eagle (<i>Aquila heliaca</i> Savigny, 1809) (ACCIPITRIDAE – AVES) in Bulgaria – distribution, biology, ecology, numbers, and conservation measures. – Synopsis of the Ph.D. thesis. BAS-NMNH, Sofia. (in Bulgarian) DEMERDZHIEV, D., M. HORVÁTH, A. KOVÁCS, S. STOYCHEV AND I. KARYAKIN 2011. Status and population trend of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Europe in the period 2000-2010. Acta zool. Bulg., Suppl. 3: 5-14. DEMERDZHIEV D. 2010. Studying the distribution, abundance, and some aspects of the breeding ecology of diurnal birds of prey in the area of Besaparski Hills IBA in 2010. - Report under "Conservation of the globally significant biodiversity in pastures and grasslands of high conservation value through support for local livelihood" project., BSPB, Sofia., 9 p. (In Bulgarian) DEMERDZHIEV, D. 2002. Report on the project "Research and conservation of the Imperial Eagle in the Eastern Rhodopes. BSPB/BirdLife Bulgaria. (in Bulgarian). 6 pp. HRISTOV S. & E. STOYNOV. 2002. Status, threats and measures for conservation of the Imperial Eagle (<i>Aquila heliaca</i>) in the Eastern Rhodopes and Eastern Balkan mountains. <i>Aquila</i> 107-108, 183-186 pp. Imperial Eagle project report (Tzeno Petrov, leader of project). 2000. Mapping the nest finds of Imperial Eagle (<i>Aquila heliaca</i> Sav.) and measures for their protection, Plovdiv. 1-43 pp. (in Bulgarian).
Winter short-term trend: Stoychev, S., D. Demerdzhiev, Ts. Petrov. 2012. Action Plan for the Conservation of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Bulgaria. BSPB, Sofia, 91 pp.; National Art. 12 reporting database 2013-2018; DEMERDZHIEV D. 2011. Eastern Imperial Eagle (<i>Aquila heliaca</i> Savigny, 1809) (ACCIPITRIDAE – AVES) in Bulgaria – distribution, biology, ecology, numbers, and conservation measures. – Synopsis of the Ph.D. thesis. BAS-NMNH, Sofia. (in Bulgarian); DEMERDZHIEV D. 2010. Studying the distribution, abundance, and some aspects of the breeding ecology of diurnal birds of prey in the area of Besaparski Hills IBA in 2010. - Report under "Conservation of the globally significant biodiversity in pastures and grasslands of high conservation value through support for local livelihood" project., BSPB, Sofia., 9 p. (In Bulgarian) DEMERDZHIEV, D. 2002. Report on the project "Research and conservation of the Imperial Eagle in the Eastern Rhodopes. BSPB/BirdLife Bulgaria. (in Bulgarian). 6 pp. HRISTOV S. & E. STOYNOV. 2002. Status threats and measures for conservation of the Imperial Eagle (<i>Aquila heliaca</i>) in the Eastern Rhodopes and Eastern Balkan mountains. <i>Aquila</i> 107-108, 183-186 pp. Imperial Eagle project report (Tzeno Petrov, leader of project). 2000. Mapping the nest finds of Imperial Eagle (<i>Aquila heliaca</i> Sav.) and measures for their protection, Plovdiv. 1-43 pp. (in Bulgarian). DEMERDZHIEV, D., M. HORVÁTH, A. KOVÁCS, S. STOYCHEV AND I. KARYAKIN 2011. Status and population trend of the Eastern Imperial Eagle (<i>Aquila heliaca</i>) in Europe in the period 2000-2010. Acta zool. Bulg., Suppl. 3: 5-14.

Aquila heliaca (Eastern Imperial Eagle)

Bulgaria

Winter long-term trend: Stoychev, S., D. Demerdzhiev, Ts. Petrov. 2012. Action Plan for the Conservation of the Eastern Imperial Eagle (*Aquila heliaca*) in Bulgaria. BSPB, Sofia, 91 pp. DEMERDZHEV D. 2011. Eastern Imperial Eagle (*Aquila heliaca heliaca* Savigny, 1809) (ACCIPITRIDAE – AVES) in Bulgaria – distribution, biology, ecology, numbers, and conservation measures. – Synopsis of the Ph.D. thesis. BAS-NMNH, Sofia. (in Bulgarian); DEMERDZHEV D. 2010. Studying the distribution, abundance, and some aspects of the breeding ecology of diurnal birds of prey in the area of Besaparski Hills IBA in 2010. - Report under "Conservation of the globally significant biodiversity in pastures and grasslands of high conservation value through support for local livelihood" project., BSPB, Sofia., 9 p. (In Bulgarian) MICHEV, T. & TZ. PETROV. 1979. On the distribution of the Imperial eagle (*Aquila heliaca* Savigny) in Bulgaria. Journal of the museums of South Bulgaria 5: 65-77. (In Bulgarian) PETROV, TZ., P. IANKOV, A. DARAKCHIEV, KH. NIKOLOV, T. MICHEV, L. B. MILCHEV. 1996. Status of the Imperial Eagle *Aquila heliaca* in Bulgaria in the period between 1890 and 1993". Pp. 429-434 in: Meyburg, B.-U. and R. D. Chancellor (eds.): Eagle Studies, WWGBP, Berlin, London, Paris SIMEONOV, S., T. MICHEV, D. NANKINOV. 1990. Fauna of Bulgaria, Avec. Sofia, BAS, 20, I: 1-350. (in Bulgarian)

Croatia

Breeding population size: Tutiš, V., Kralj, J., Radović, D., Čiković, D., Barišić, S. (ur.) (2013): Crvena knjiga ptica Hrvatske. Ministarstvo zaštite okoliša i prirode, Državni zavod za zaštitu prirode, Zagreb, 258 str.

Breeding short-term trend: Tutiš, V., Kralj, J., Radović, D., Čiković, D., Barišić, S. (ur.) (2013): Crvena knjiga ptica Hrvatske. Ministarstvo zaštite okoliša i prirode, Državni zavod za zaštitu prirode, Zagreb, 258 str.

Breeding long-term trend: Tutiš, V., Kralj, J., Radović, D., Čiković, D., Barišić, S. (ur.) (2013): Crvena knjiga ptica Hrvatske. Ministarstvo zaštite okoliša i prirode, Državni zavod za zaštitu prirode, Zagreb, 258 str.

Cyprus

Breeding population size: Kourtellarides, in his book The Breeding birds of Cyprus (Bank of Cyprus publications -1997) gives an account of last known nest Troodos forest, 1985. Flint & Stewart, in BOU Checklist no.6 (1992) The Birds of Cyprus, note the eagle as a very scarce resident, with possibly 1-2 p in the Troodos range, but most recent confirmed record sighted is from 1960. Species Action Plan notes 2-4p in Cyprus 1993. Whaley & Dawes, in their 2003 Cyprus breeding Birds' Atlas, note that there are only two recent breeding season reports – August 1994 and April 2000. Only sporadic recent records in BirdLife Cyprus Annual reports, and not in breeding season.

Breeding short-term trend: BirdLife Cyprus sightings records as reported in annual reports and held in archives; Flint & Stewart BOU Checklist no.6 (1992) The Birds of Cyprus; Kourtellarides, The Breeding birds of Cyprus (Bank of Cyprus publications -1997); Whaley & Dawes, 2003 Cyprus breeding Birds' Atlas; No confirmed record of the species breeding in Cyprus since 1985.

Breeding long-term trend: BirdLife Cyprus sightings records as reported in annual reports and held in archives; Flint & Stewart BOU Checklist no.6 (1992) The Birds of Cyprus; Kourtellarides, The Breeding birds of Cyprus (Bank of Cyprus publications -1997); Whaley & Dawes, 2003 Cyprus breeding Birds' Atlas; No confirmed record of the species breeding in Cyprus since 1985, 1-2 breeding pairs up to that point.

Czechia

Breeding population size: Šťastný et Bejček in prep. - Atlas hnízdního rozšíření ptáků ČR 2014-2017 Národní strategie ochrany dravců a sov ČR. Praha 2017 (manuscript)

Breeding short-term trend: Národní strategie ochrany dravců a sov ČR. Praha 2017 (manuscript) expert opinion, unpublished data

Breeding long-term trend: Národní strategie ochrany dravců a sov ČR. Praha 2017 (manuscript) expert opinion, unpublished data

Georgia

Breeding population size: Natia Javakhishvili: natia.javakhishvili.sabuko@gmail.com

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); Natia Javakhishvili

Greece

Breeding population size: Midwinter Counts Database, Hellenic Ornithological Society

Breeding short-term trend: Midwinter Counts Database, Hellenic Ornithological Society

Breeding long-term trend: Midwinter Counts Database, Hellenic Ornithological Society

Winter population size: 1) Λεγάκης, Α. & Μαραγκού, Π. (επιμ.). 2009. Το Κόκκινο Βιβλίο των Απειλούμενων Ζώων της Ελλάδας. Ελληνική Ζωολογική Εταιρεία, Αθήνα, 528 σελ. 2) Natura Viewer (<http://natura2000.eea.europa.eu/#>). 3) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρης Β., Μπραζιώτης Σ., Κόντος Κ., Βλαχάκη Δ., Δεδουσοπούλου Ε., Κιούσης Δ., Ξένος Α., Στεφάνου Α.Μ., Κασάμπαλης Δ., και Μελικώκη Κ. (Συντονιστές έκδοσης). 2015. Γ' Φάση της Μελέτης 9 «Εποπτεία και Αξιολόγηση της Κατάστασης Διατήρησης Ειδών Ορνιθοπανίδας στην Ελλάδα» ΥΠΑΠΕΝ, Αθήνα, Σύμπραξη Γραφείων Μελετών «Φ.ΦΑΞΟΥΛΑΣ-Ν.ΜΑΝΤΖΙΟΣ» Ε.Ε. – ΡΟΔΟΥΛΑ ΚΩΝΣΤΑΝΤΙΝΙΔΟΥ ΤΟΥ ΓΕΩΡΓΙΟΥ – "ΑΘ.ΤΖΑΚΟΠΟΥΛΟΣ ΚΑΙ ΣΙΑ" Ε.Ε., Θεσσαλονίκη.

Winter short-term trend: No data available

Winter long-term trend: No data available

Hungary

Breeding population size: National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <http://map.mme.hu/maps/map2> Horváth, M., Bagyura, J., Deák, G., Fatér, I., Firmánszky, G., Juhász, T., Klébert, A., Pongácz, Á., Prommer, M., Szelényi, B. & Váczi, M. (2015): A Parlagisas-védelmi és Mérgézés-megelőzési Munkacsoportok 2013. évi beszámolója / Annual report of the Hungarian Imperial Eagle and Anti-poisoning Working Groups - 2013 (In Hungarian with English summary). Heliaca 11: 6-9. Horváth, M., Fatér, I., Juhász, T., Deák, G., Bereczky, A. & Pásztor-Kovács, Sz. (2018): A Parlagisas-védelmi Munkacsoport 2016. évi beszámolója / The 2016 annual report of the Hungarian Eastern Imperial Eagle Working Group (In Hungarian with English summary). Heliaca 14: 35-38.

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Aquila heliaca (Eastern Imperial Eagle)

Kosovo

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North Macedonia

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Moldova

Breeding long-term trend: SPPN expert opinion (sppn.moldova@gmail.com)

Romania

Breeding population size: OpenBirdMaps (Milvus Group) Database
Breeding short-term trend: Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database
Breeding long-term trend: Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database

Russia

Breeding population size: Korepov in press
Breeding short-term trend: Belik 2014a,b; Belik et al.2017
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Serbia

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