

Annex B - Bird Species' status and trends report (Article 12)

1. Species information

1.1 Member State	Greece
1.2 Species code	A100
1.3 EURING code	3110
1.4 Species scientific name	Falco eleonora
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	Μαυροπετρίτης
1.8 Season	Breeding (B)

2. Population size

2.1 Year or period	2013-2018
2.2 Population size	a) Unit number of pairs (p) b) Minimum c) Maximum d) Best single value 12300
2.3 Type of estimate	Best estimate
2.4 Population size Method used	Complete survey or a statistically robust estimate
2.5 Sources	1) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Λ., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Παραζογιού, C. & Baron, B. 2009. Προσδιορισμός συμβατών δραστηριοτήτων σε σχέση με τα είδη χαρακτηρισμού των Ζωνών Ειδικής Προστασίας της ορνιθοπανίδας. Παραδοτέο 8. Οδηγός οικολογικών απαιτήσεων, απειλών και ενδεδειγμένων μέτρων για τα είδη χαρακτηρισμού. 2) The status of Eleonora's Falcon (Falco eleonora) in Greece. Anastasios Dimalexis, Stavros Xirouchakis, Danae Portolou, Panagiotis Latsoudis, Giorgos Karris, Jacob Fric, Panagiotis Georgiakakis, Christos Barboutis, Stratis Bourdakos, Milica Ivonič, Theodoros Kominos, Eleftherios Kakalis. 3) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος 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.ΦΑΣΟΥΛΑΣ-Ν.ΜΑΝΤΖΙΟΣ" Ε.Ε. – ΡΟΔΟΥΛΑ ΚΩΝΣΤΑΝΤΙΝΙΔΟΥ ΤΟΥ ΓΕΩΡΓΙΟΥ – "ΑΘ.ΤΖΑΚΟΠΟΥΛΟΣ ΚΑΙ ΣΙΑ" Ε.Ε.», Θεσσαλονίκη
2.6 Change and reason for change (since previous report)	No change The change is mainly due to:

2.7 Additional information

3. Population trend

3.1 Short-term trend (last 12 years)

3.1.1 Short-term trend Period	2007-2018
3.1.2 Short-term trend Direction	Stable (0)

Annex B - Bird Species' status and trends report (Article 12)

3.1.3 Short-term trend Magnitude

- a) Minimum
- b) Maximum
- c) Best single value 0

3.1.4 Short-term trend Method used

Based mainly on extrapolation from a limited amount of data

3.1.5 Sources

- 1) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Λ., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Παρραζογλου, C. & Baron, B. 2009. Προσδιορισμός συμβατών δραστηριοτήτων σε σχέση με τα είδη χαρακτηρισμού των Ζωνών Ειδικής Προστασίας της ορνιθοπανίδας. Παραδοτέο 8. Οδηγός οικολογικών απαιτήσεων, απειλών και ενδεδειγμένων μέτρων για τα είδη χαρακτηρισμού.
- 2) The status of Eleonora's Falcon (*Falco eleonora*) in Greece. Anastasios Dimalexis, Stavros Xirouchakis, Danae Portolou, Panagiotis Latsoudis, Giorgos Karris, Jacob Fric, Panagiotis Georgiakakis, Christos Barboutis, Stratis Bourdakis, Milica Ivonič, Theodoros Kominos, Eleftherios Kakalis
- 3) LIFE EIClimA. 2016. Update of the species baseline information (Action A2). Final report. LIFE13 NAT/GR/000909. http://www.lifefalcoeleonora.gr/wp-content/uploads/Action_A2_FinalReport.pdf
- 4) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος 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.ΦΑΣΟΥΛΑΣ-Ν.ΜΑΝΤΖΙΟΣ" Ε.Ε. – ΡΟΔΟΥΛΑ ΚΩΝΣΤΑΝΤΙΝΙΔΟΥ ΤΟΥ ΓΕΩΡΓΙΟΥ – "ΑΘ.ΤΖΑΚΟΠΟΥΛΟΣ ΚΑΙ ΣΙΑ" Ε.Ε.», Θεσσαλονίκη
- 5) Hellenic Ornithological Society database

3.2 Long-term trend (since c. 1980)

3.2.1 Long-term trend Period

1980-2018

3.2.2 Long-term trend Direction

Unknown (X)

3.2.3 Long-term trend Magnitude

- a) Minimum
- b) Maximum
- c) Best single value

3.2.4 Long-term Trend Method used

Insufficient or no data available

3.2.5 Sources

no data available

3.3 Additional information

4. Breeding distribution map and size

4.1 Sensitive species

No

4.2 Year or period

2013-2018

4.3 Breeding distribution map

Yes

4.4 Breeding distribution surface area

35800

4.5 Breeding distribution Method used

Complete survey or a statistically robust estimate

4.6 Additional maps

Yes

4.7 Sources

Dimalexis, A., Xirouchakis, S., Portolou, D., Latsoudis, P., Karris, G., Fric, J., Georgiakakis, P., Barboutis, C., Bourdakis, S., Ivovic, M., Kominos, T. and

Annex B - Bird Species' status and trends report (Article 12)

Kakalis, E. 2008. The status of Eleonora's Falcon (*Falco eleonora*) in Greece. *Journal of Ornithology*, 149: 23-30.

LIFE EIClimA. 2017. ACTION A4: Identification and quality assessment of foraging grounds during the breeding and wintering period. Final Report. LIFE13 NAT/GR/000909. http://www.lifefalcoeleonora.gr/wp-content/uploads/Action_A4_FinalReport.pdf

Kassara, C., Evangelidis, A., Tsiopelas, N. & Giokas, S. 2019. Movement ecology of Eleonora's falcon at its breeding grounds: revealing foraging patterns and identifying threats with the use of GPS telemetry. 14th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions, 27-30 June, Thessaloniki (Greece).

4.8 Additional information

5. Breeding range trend

5.1 Short-term trend (last 12 years)

5.1.1 Short-term trend Period	2007-2018
5.1.2 Short-term trend Direction	Stable (0)
5.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value 0
5.1.4 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data
5.1.5 Sources	LIFE EIClimA. 2016. Update of the species baseline information (Action A2). Final report. LIFE13 NAT/GR/000909. http://www.lifefalcoeleonora.gr/wp-content/uploads/Action_A2_FinalReport.pdf Hellenic Ornithological Society database

5.2 Long-term trend (since c. 1980)

5.2.1 Long-term trend Period	1980-2018
5.2.2 Long-term trend Direction	Unknown (X)
5.2.3 Long-term trend Magnitude	a) Minimum b) Maximum c) Best single value
5.2.4 Long-term trend Method used	Insufficient or no data available
5.2.5 Sources	no data available
5.3 Additional information	

6. Progress in work related to international Species Action Plans (SAPs), Management Plans (MPs) and Brief Management Statements (BMSs)

6.0 Is/Will the information related to international SAPs, MPs and BMSs (section 6) be provided for the other season for this species?	No
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Annex B - Bird Species' status and trends report (Article 12)

6.1 Type of international plan	Species Action Plan (SAP)
6.2 Has a national plan linked to the international SAP/MP/BMS been adopted?	No
6.3 If 'NO', describe any measures and initiatives taken related to the international SAP/MP/BMS	Falco eleonoraе is legally protected since 1985 (Ministerial Decision nº 414985/85). It is included in the Greek Red Data Book as Least Concern. Public Law 1650/1986 has set a complete classification of the protected areas in Greece. Conservation measures have been applied in various colonies in the Aegean Sea in the framework of LIFE funded projects, including breeding monitoring and wardening plans, management of invasive species, construction of artificial nests, telemetry tracking, toxicological assays, and public awareness campaigns. Most of the raptors have been legally protected since 1969 (Legislative Decree 86/69), and all raptors are now protected under Ministerial Decision 414985/1985.
6.4 Assessment of the effectiveness of SAPs for globally threatened species (Art. 12, Species Action Plans)	unchanged (unchanged)
6.5 Assessment of the effectiveness of MPs for huntable species in non-Secure status (Articles 3 and 7, Management Plans)	
6.6 Sources of further Information	Conservation measures to assist the adaptation of Falco eleonoraе* to climate change (LIFE13 NAT/GR/000909) http://www.lifefalcoeleonoraе.gr/en/ Demonstration of the Biodiversity Action Planning approach, to benefit local biodiversity on an Aegean island, Skyros (LIFE09 NAT/GR/000323) http://www.skyroslife.com Management of the SPA site of Andros Island to achieve a Favourable Conservation Status for its priority species (LIFE10 NAT/GR/000637) http://www.androslife.gr/ LIFE10 NAT/GR/000637 (http://www.androslife.gr) http://ec.europa.eu/environment/nature/conservation/wildbirds/action_plansocs/falco_eleonoraе.pdf Λεγάκις, Α. & Μαραγκού, Π. (επιμ.). 2009. Το Κόκκινο Βιβλίο των Απειλούμενων Ζώων της Ελλάδας. Ελληνική Ζωολογική Εταιρεία, Αθήνα, 528 σελ. Available at http://www.ypeka.gr/LinkClick.aspx?fileticket=TPsw%2b3PNVX8%3d&tabid=51&language=el-GR

7. Main pressures and threats

Annex B - Bird Species' status and trends report (Article 12)

a) Pressure	b) Ranking	c) location
Sports, tourism and leisure activities (F07)	H	inside the Member State (inMS)
Conversion from mixed farming and agroforestry systems to specialised (e.g. single crop) production (A03)	M	inside the Member State (inMS)
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	M	inside the Member State (inMS)
Change of habitat location, size, and / or quality due to climate change (N05)	M	inside the Member State (inMS)
Desynchronisation of biological / ecological processes due to climate change (N06)	M	inside the Member State (inMS)
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	H	inside the Member State (inMS)
Wind, wave and tidal power, including infrastructure (D01)	M	inside the Member State (inMS)
Intensive grazing or overgrazing by livestock (A09)	M	inside the Member State (inMS)
Other invasive alien species (other than species of Union concern) (I02)	H	inside the Member State (inMS)

a) Threat	d) Ranking	e) location
Sports, tourism and leisure activities (F07)	H	inside the Member State (inMS)
Conversion from mixed farming and agroforestry systems to specialised (e.g. single crop) production (A03)	M	inside the Member State (inMS)
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	M	inside the Member State (inMS)
Change of habitat location, size, and / or quality due to climate change (N05)	M	inside the Member State (inMS)
Desynchronisation of biological / ecological processes due to climate change (N06)	M	inside the Member State (inMS)
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	H	inside the Member State (inMS)
Wind, wave and tidal power, including infrastructure (D01)	M	inside the Member State (inMS)
Intensive grazing or overgrazing by livestock (A09)	M	inside the Member State (inMS)
Other invasive alien species (other than species of Union concern) (I02)	H	inside the Member State (inMS)

7.2 Sources of information

Ristow D. 1999. International Species Action Plan: Eleonora's falcon *Falco eleonora*.
<http://europa.eu.int/comm/environment/nature/directive/birdspriority.htm>

Fric J., Kassara C., Tsiopelas N., Tzali M., Dimalexis T., Giokas S., 2019. Good Practice Guide for the adaptation of the Eleonora's falcon to climate change. LIFE EIClimA (LIFE13 NAT/GR/000909). NCC Ltd.

Annex B - Bird Species' status and trends report (Article 12)

Kassara, C., Evangelidis, A., Tsiopelas, N. & Giokas, S. 2019. Movement ecology of Eleonora's falcon at its breeding grounds: revealing foraging patterns and identifying threats with the use of GPS telemetry. 14th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions, 27-30 June, Thessaloniki (Greece).

7.3 Additional information

8. Main Conservation Measures

8.1 Status of measures

Measures identified and taken

8.2 Main purpose of the measures taken

Maintain the current distribution, population and/or habitat for the species

8.3 Location of the measures

Only inside Natura 2000

8.4 Response to the measures

Medium-term results (within the next two reporting periods, 2019-2030)

8.5 List of main conservation measures

CF03 - Reduce impact of outdoor sports, leisure and recreational activities

CG02 - Management of hunting, recreational fishing and recreational or commercial harvesting or collection of plants

CI03 - Management, control or eradication of other invasive alien species

CN02 - Implement climate change adaptation measures

CS03 - Improvement of habitat of species from the directives

8.6 Additional information

9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network

a) Unit	number of pairs (p)
b) Minimum	7853
c) Maximum	8676
d) Best single value	

9.2 Type of estimate

Best estimate

9.3 Population size inside the network Method used

Complete survey or a statistically robust estimate

9.4 Short-term trend of population size within the network Direction

Unknown (X)

9.5 Short-term trend of population size within the network Method used

Insufficient or no data available

9.6 Additional information

Annex B - Bird Species' status and trends report (Article 12)