

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

## 1. Species information

1.1 Member State	Greece
1.2 Species code	A855
1.3 EURING code	1790
1.4 Species scientific name	Mareca penelope
1.5 Subspecific population	
1.6 Alternative species scientific name	former name: Anas penelope
1.7 Common name	Σφυριχτάρι
1.8 Season	Winter (W)

## 2. Population size

2.1 Year or period	2015
2.2 Population size	a) Unit number of individuals (i) b) Minimum 55000 c) Maximum 148000 d) Best single value
2.3 Type of estimate	Best estimate
2.4 Population size Method used	Based mainly on extrapolation from a limited amount of data
2.5 Sources	1) Natura viewer ( <a href="http://natura2000.eea.europa.eu/#">http://natura2000.eea.europa.eu/#</a> ). 2) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μπροντζώρλος Β., Μπραζιώτης Σ., Κόντος Κ., Βλαχάκη Δ., Δεδουσοπούλου Ε., Κιούσης Δ., Ξένος Α., Στεφάνου Λ.Μ., Κασάμπαλης Δ., και Μελικώκη Κ. (Συντονιστές έκδοσης). 2015. Γ' Φάση της Μελέτης 9 «Εποπτεία και Αξιολόγηση της Κατάστασης Διατήρησης Ειδών Οрниθοπανίδας 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)	Improved knowledge/more accurate data Use of different method  The change is mainly due to: Improved knowledge/more accurate data

## 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	Increasing (+)
3.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value 57
3.1.4 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data
3.1.5 Sources	1) Natura viewer ( <a href="http://natura2000.eea.europa.eu/#">http://natura2000.eea.europa.eu/#</a> ). 2) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μπροντζώρλος Β.,

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Μπραζιώτης Σ., Κόντος Κ., Βλαχάκη Δ., Δεδουσοπούλου Ε., Κιούσης Δ., Ξένος Α., Στεφάνου Λ.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.

### 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	
4.3 Breeding distribution map	No
4.4 Breeding distribution surface area	
4.5 Breeding distribution Method used	
4.6 Additional maps	No
4.7 Sources	
4.8 Additional information	

## 5. Breeding range trend

### 5.1 Short-term trend (last 12 years)

5.1.1 Short-term trend Period	
5.1.2 Short-term trend Direction	
5.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value
5.1.4 Short-term trend Method used	
5.1.5 Sources	

### 5.2 Long-term trend (since c. 1980)

5.2.1 Long-term trend Period	
5.2.2 Long-term trend Direction	
5.2.3 Long-term trend Magnitude	a) Minimum b) Maximum c) Best single value

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5.2.4 Long-term trend Method used

5.2.5 Sources

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

6.1 Type of international plan

No plan (NA)

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

6.4 Assessment of the effectiveness of SAPs for globally threatened species (Art. 12, Species Action Plans)

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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

### 7. Main pressures and threats

a) Pressure

b) Ranking

c) location

Other human intrusions and disturbance not mentioned above (H08)

M

both inside and outside EU (inOutEU)

Application of synthetic fertilisers in forestry, including liming of forest soils (B19)

M

both inside and outside EU (inOutEU)

Land, water and air transport activities generating marine pollution (E07)

M

both inside and outside EU (inOutEU)

Flight paths of planes, helicopter and other non-leisure aircrafts (E04)

H

inside the Member State (inMS)

Deposition and treatment of waste/garbage from commercial and industrial facilities (F10)

H

inside the Member State (inMS)

Sports, tourism and leisure activities (F07)

M

inside the Member State (inMS)

Other invasive alien species (other than species of Union concern) (I02)

H

inside the Member State (inMS)

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Other modification of hydrological conditions for industrial or commercial development (F32)	H	inside the Member State (inMS)
Hunting (G07)	M	inside the Member State (inMS)
a) Threat	d) Ranking	e) location
Other human intrusions and disturbance not mentioned above (H08)	M	both inside and outside EU (inOutEU)
Application of synthetic fertilisers in forestry, including liming of forest soils (B19)	M	both inside and outside EU (inOutEU)
Land, water and air transport activities generating marine pollution (E07)	M	both inside and outside EU (inOutEU)
Flight paths of planes, helicopter and other non-leisure aircrafts (E04)	H	inside the Member State (inMS)
Deposition and treatment of waste/garbage from commercial and industrial facilities (F10)	H	inside the Member State (inMS)
Sports, tourism and leisure activities (F07)	M	inside the Member State (inMS)
Other invasive alien species (other than species of Union concern) (I02)	H	inside the Member State (inMS)
Other modification of hydrological conditions for industrial or commercial development (F32)	H	inside the Member State (inMS)
Hunting (G07)	M	inside the Member State (inMS)

### 7.2 Sources of information

Hellenic Common Birds Monitoring Scheme database (2007-2019), Hellenic Ornithological Society.  
 Βλάχος Χ., Βλαχάκη Δ., Συμεωνίδης Π., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος Β., Μπραζιώτης Σ., Δεδουσοπούλου Ε., Κιούσης Δ., Κόντος Κ., Ξένος Α. και Στεφάνου Λ. (Συντονιστές έκδοσης). 2015. Έκθεση και Συμπληρωμένα Πρωτόκολλα Παρακολούθησης Ειδών Ορνιθοπανίδας, Γ' Φάσης της Μελέτης 9 «Εποπτεία και Αξιολόγηση της Κατάστασης Διατήρησης Ειδών Ορνιθοπανίδας στην Ελλάδα» ΥΠΕΚΑ, Αθήνα, Σύμπραξη Γραφείων Μελετών «"Φ.ΦΑΣΟΥΛΑΣ-Ν.ΜΑΝΤΖΙΟΣ" Ε.Ε. – ΡΟΔΟΥΛΑ ΚΩΝΣΤΑΝΤΙΝΙΔΟΥ ΤΟΥ ΓΕΩΡΓΙΟΥ – "ΑΘ.ΤΖΑΚΟΠΟΥΛΟΣ ΚΑΙ ΣΙΑ" Ε.Ε.», Θεσσαλονίκη, 19 σελ.

Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Λ., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Παρραζογιού, C. & Βαρόν, Β. 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. Available at:  
<http://www.ypeka.gr/LinkClick.aspx?fileticket=62LywcEzaKE%3D&tabi>

### 7.3 Additional information

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### 8. Main Conservation Measures

8.1 Status of measures

8.2 Main purpose of the measures taken

8.3 Location of the measures

8.4 Response to the measures

8.6 Additional information

### 9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network

a) Unit number of individuals (i)

b) Minimum 50143

c) Maximum 108591

d) Best single value

9.2 Type of estimate

Best estimate

9.3 Population size inside the network  
Method used

Based mainly on extrapolation from a limited amount of data

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

### 10. Information related to Annex II species (Art.7)

10.0 Is/Will the information related to Annex II species (section 10) be provided for the other season for this species?

No

10.1 Is the species nationally hunted?

Yes

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<b>10.2 Hunting bag</b>	<b>a) Unit</b>
	<b>b) Statistics/ quantity taken</b>
	<b>Min.</b> <i>(raw, i.e. not rounded)</i>
	<b>Max.</b> <i>(raw, i.e. not rounded)</i>
	<b>Unknown</b>

number of individuals (i)

<i>Provide statistics per hunting season or per year ( where season is not used) over the reporting period.</i>					
<i>Season/ Year 1</i>	<i>Season/ Year 2</i>	<i>Season/ Year 3</i>	<i>Season/ Year 4</i>	<i>Season/ Year 5</i>	<i>Season/ Year 6</i>
20200	15300	14900	13600	22100	10100
25800	18600	18500	18300	17400	7300
No	No	No	No	No	No

Complete survey or a statistically robust estimate

1) ARTEMIS Project 1995-2018. Recording and monitoring game species populations in Greece through harvest indices.

<b>10.3 Hunting bagMethod used</b>
<b>10.4 Additional information</b>