

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

## 1. Species information

1.1 Member State	Greece
1.2 Species code	A048
1.3 EURING code	1730
1.4 Species scientific name	Tadorna tadorna
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	Βαρβάρα
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 6000 c) Maximum 10000 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. Birds in Europe. Population estimates, trends and conservation status. Birdlife Conservation Series No. 12. 2004 2. Λεγάκις Α. & Μαραγκού Π. 2009. Το Κόκκινο Βιβλίο των Απειλούμενων Ζώων της Ελλάδος. Ελληνική Ζωολογική Εταιρεία, Αθήνα, 3. Δημαλέξης Τάσος. 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 4. Πορτόλου Δ., Μπουρδάκης Σ., Βλάχος Χ., Καστρίτης Θ. και Τ. Δημαλέξης (επιμ). 2009. Οι σημαντικές περιοχές για τα πουλιά της Ελλάδας: Περιοχές προτεραιότητας για τη διατήρηση της βιοποικιλότητας. Ελληνική Ορνιθολογική Εταιρεία, Αθήνα. 5. <a href="http://www.iucnredlist.org">http://www.iucnredlist.org</a> 6. <a href="http://ec.europa.eu/environment/nature/conservation/wildbirds/action_plans/index_en.htm">http://ec.europa.eu/environment/nature/conservation/wildbirds/action_plans/index_en.htm</a> 7. <a href="http://www.unep-aewa.org/publications/ssap/index.htm">http://www.unep-aewa.org/publications/ssap/index.htm</a> 8. <a href="http://www.birdlife.org/action/science/species/species_action_plans/europe/">http://www.birdlife.org/action/science/species/species_action_plans/europe/</a> 9. <a href="http://ec.europa.eu/environment/nature/conservation/wildbirds/action_plans/per_species_en.htm">http://ec.europa.eu/environment/nature/conservation/wildbirds/action_plans/per_species_en.htm</a> 10. <a href="http://natura2000.eea.europa.eu/#">http://natura2000.eea.europa.eu/#</a> 11. <a href="http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1110006">http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1110006</a> 12. <a href="http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1110012">http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1110012</a> 13. <a href="http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1130009">http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1130009</a> 14. <a href="http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220005">http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220005</a> 15. <a href="http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220002">http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220002</a> 16. <a href="http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220010">http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220010</a> 17. <a href="http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1250004">http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1250004</a> 18. <a href="http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1340008">http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1340008</a>

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19.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2120005](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2120005)  
20.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2430007](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2430007)  
21.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2440002](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2440002)  
22.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2440005](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2440005)  
23.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2110004](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2110004)  
24.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1220009](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220009)  
25.<http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2110001>  
26.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2240001](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2240001)  
27.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2310015](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2310015)  
28.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2320006](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2320006)  
29.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2320011](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2320011)  
30.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR12330009](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR12330009)  
31.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2550008](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2550008)  
32.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR4120007](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR4120007)  
33.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR4110006](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR4110006)  
34.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR4110001](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR4110001)  
35.<http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1130010>  
36.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1260002](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1260002)  
37.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1260001](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1260001)  
38.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1260008](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1260008)  
39.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1230004](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1230004)  
40.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1220001](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220001)  
41.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1220009](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220009)  
42.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1270004](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1270004)  
43.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1270013](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1270013)  
44.<http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220011>  
45.<http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2440005>  
46.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2110006](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2110006)  
47.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2110001](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2110001)  
48.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2220006](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2220006)  
49.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2420010](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2420010)  
50.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2320010](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2320010)  
51.[http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2320012](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2320012)  
52. Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος 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 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)

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

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### 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 93

3.1.4 Short-term trend Method used Based mainly on extrapolation from a limited amount of data

3.1.5 Sources

1. Birds in Europe. Population estimates, trends and conservation status. Birdlife Conservation Series No. 12. 2004
2. Λεγάκις Α. & Μαραγκού Π. 2009. Το Κόκκινο Βιβλίο των Απειλούμενων Ζώων της Ελλάδος. Ελληνική Ζωολογική Εταιρεία, Αθήνα,
3. Δημαλέξης Τάσος. 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
4. Πορτόλου Δ., Μπουρδάκης Σ., Βλάχος Χ., Καστρίτης Θ. και Τ. Δημαλέξης (επιμ). 2009. Οι σημαντικές περιοχές για τα πουλιά της Ελλάδας: Περιοχές προτεραιότητας για τη διατήρηση της βιοποικιλότητας. Ελληνική Ορνιθολογική Εταιρεία, Αθήνα.
5. <http://www.iucnredlist.org>
6. [http://ec.europa.eu/environment/nature/conservation/wildbirds/action\\_plans/index\\_en.htm](http://ec.europa.eu/environment/nature/conservation/wildbirds/action_plans/index_en.htm)
7. <http://www.unep-aewa.org/publications/ssap/index.htm>
8. [http://www.birdlife.org/action/science/species/species\\_action\\_plans/europe/](http://www.birdlife.org/action/science/species/species_action_plans/europe/)
9. [http://ec.europa.eu/environment/nature/conservation/wildbirds/action\\_plans/per\\_species\\_en.htm](http://ec.europa.eu/environment/nature/conservation/wildbirds/action_plans/per_species_en.htm)
10. <http://natura2000.eea.europa.eu/#>
11. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1110006>
12. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1110012>
13. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1130009>
14. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220005>
15. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220002>
16. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220010>
17. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1250004>
18. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1340008>
19. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2120005>
20. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2430007>
21. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2440002>
22. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2440005>
23. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2110004>
24. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220009>
25. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2110001>
26. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2240001>
27. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2310015>
28. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2320006>
29. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2320011>
30. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR12330009>

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31. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2550008](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2550008)  
32. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR4120007](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR4120007)  
33. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR4110006](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR4110006)  
34. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR4110001](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR4110001)  
35. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1130010>  
36. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1260002](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1260002)  
37. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1260001](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1260001)  
38. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1260008](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1260008)  
39. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1230004](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1230004)  
40. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1220001](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220001)  
41. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1220009](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220009)  
42. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1270004](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1270004)  
43. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR1270013](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1270013)  
44. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR1220011>  
45. <http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2440005>  
46. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2110006](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2110006)  
47. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2110001](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2110001)  
48. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2220006](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2220006)  
49. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2420010](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2420010)  
50. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2320010](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2320010)  
51. [http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site= GR2320012](http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=GR2320012)  
52. Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος 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 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

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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

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

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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

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### 7. Main pressures and threats

a) Pressure	b) Ranking	c) location
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	M	inside the Member State (inMS)
Illegal harvesting, collecting and taking (G11)	M	both inside and outside EU (inOutEU)
Use of plant protection chemicals in agriculture (A21)	M	inside the Member State (inMS)
Extraction of salt (C02)	M	inside the Member State (inMS)
Conversion from other land uses to commercial / industrial areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F03)	H	inside the Member State (inMS)
Deposition and treatment of waste/garbage from household/recreational facilities (F09)	M	inside the Member State (inMS)
Sports, tourism and leisure activities (F07)	M	inside the Member State (inMS)
Energy production and transmission activities generating noise pollution (D11)	H	inside the Member State (inMS)
a) Threat	d) Ranking	e) location
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	M	inside the Member State (inMS)
Illegal harvesting, collecting and taking (G11)	M	both inside and outside EU (inOutEU)
Use of plant protection chemicals in agriculture (A21)	M	inside the Member State (inMS)
Extraction of salt (C02)	M	both inside and outside EU (inOutEU)
Conversion from other land uses to commercial / industrial areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F03)	H	inside the Member State (inMS)
Deposition and treatment of waste/garbage from household/recreational facilities (F09)	M	inside the Member State (inMS)
Sports, tourism and leisure activities (F07)	M	inside the Member State (inMS)
Energy production and transmission activities generating noise pollution (D11)	H	inside the Member State (inMS)

#### 7.2 Sources of information

- 1) IUCN. 2012. IUCN Red List of Threatened Species (ver. 2012.1). Available at: <http://www.iucnredlist.org>.
- 2) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Λ., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Παπαζογλου, 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. Available at: <http://www.ypeka.gr/LinkClick.aspx?fileticket=62LywcEzaKE%3D&tabid=539&language=el-GR>.
- 3) Λεγάκις, Α. & Μαραγκού, Π. (επιμ.). 2009. Το Κόκκινο Βιβλίο των

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Απειλούμενων Ζώων της Ελλάδας. Ελληνική Ζωολογική Εταιρεία, Αθήνα, 528 σελ. Available at: <http://www.ypeka.gr/LinkClick.aspx?fileticket=TPsw%2b3PNVX8%3d&abid=518&language=el-GR>

4) 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.».

### 7.3 Additional information

## 8. Main Conservation Measures

### 8.1 Status of measures

Measures needed but cannot be identified

### 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	5806
c) Maximum	9746
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

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