

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

## 1. Species information

1.1 Member State	Greece
1.2 Species code	A189
1.3 EURING code	6050
1.4 Species scientific name	Gelochelidon nilotica
1.5 Subspecific population	
1.6 Alternative species scientific name	former name: Sterna nilotica nilotica
1.7 Common name	Γελογλάρονο
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                180 c) Maximum                280 d) Best single value
2.3 Type of estimate	Best estimate
2.4 Population size Method used	Complete survey or a statistically robust estimate
2.5 Sources	Panagiotopoulou, M. & Kazantzidis, S. 2009. Gull-billed Tern. In: Legakis, A. & P. Maragou (eds.). The Greek Red Data Book. Hellenic Zoological Society.
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	Stable (0)
3.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value        0
3.1.4 Short-term trend Method used	Complete survey or a statistically robust estimate
3.1.5 Sources	Panagiotopoulou, M. & Kazantzidis, S. 2009. Gull-billed Tern. In: Legakis, A. & P. Maragou (eds.). The Greek Red Data Book. Hellenic Zoological Society.

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

3.2.1 Long-term trend Period	1980-2018
3.2.2 Long-term trend Direction	Decreasing (-)
3.2.3 Long-term trend Magnitude	a) Minimum                -20 b) Maximum                -10

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c) Best single value

3.2.4 Long-term Trend Method used

Complete survey or a statistically robust estimate

3.2.5 Sources

Panagiotopoulou, M. & Kazantzidis, S. 2009. Gull-billed Tern. In: Legakis, A. & P. Maragou (eds.). The Greek Red Data Book. Hellenic Zoological Society.

3.3 Additional information

### 4. Breeding distribution map and size

4.1 Sensitive species

Yes

4.2 Year or period

2013-2018

4.3 Breeding distribution map

Yes

4.4 Breeding distribution surface area

4500

4.5 Breeding distribution Method used

Based mainly on extrapolation from a limited amount of data

4.6 Additional maps

Yes

4.7 Sources

- 1) Handrinos, G., & Akriotis, T., (1997) The birds of Greece. C. Helm, A & C Black, London.
- 2) Mullarney, K., Svensson, L., Zetterström, D. & Grant, P. J., (2007), Οδηγός Αναγνώρισης: Τα Πουλιά της Ελλάδας, της Κύπρου και της Ευρώπης, Albert Bonniers Forlag, Stockholm/ Ελληνική Ορνιθολογική Εταιρεία, Αθήνα, Παπακωνσταντίνου, Κ., ISBN: 9789608663183
- 3) Hagemeijer, E.J.M. & M.J. Blair (editors). 1997. The EBCC Atlas of European Breeding Birds: their distribution and abundance. T & A.D. Poyser, London. <<http://s1.sovon.nl/ebcc/eoa/>>
- 4) The IUCN Red List of Threatened Species. Version 2014.3. <[www.iucnredlist.org](http://www.iucnredlist.org)>
- 5) ΥΠΕΚΑ (2012). Περιγραφική και γεωγραφική βάση δεδομένων του Δικτύου Natura 2000 (<http://www.ypeka.gr/Default.aspx?tabid=432&language=el-GR>)
- 6) 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=518&language=el-GR>
- 7) 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.

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

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- b) Maximum
- c) Best single value 0

### 5.1.4 Short-term trend Method used

Complete survey or a statistically robust estimate

### 5.1.5 Sources

Panagiotopoulou, M. & Kazantzidis, S. 2009. Gull-billed Tern. In: Legakis, A. & P. Maragou (eds.). The Greek Red Data Book. Hellenic Zoological Society.

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

### 5.2.1 Long-term trend Period

1980-2018

### 5.2.2 Long-term trend Direction

Stable (0)

### 5.2.3 Long-term trend Magnitude

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

### 5.2.4 Long-term trend Method used

Complete survey or a statistically robust estimate

### 5.2.5 Sources

Panagiotopoulou, M. & Kazantzidis, S. 2009. Gull-billed Tern. In: Legakis, A. & P. Maragou (eds.). The Greek Red Data Book. Hellenic Zoological Society.

### 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)

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6.6 Sources of further Information

## 7. Main pressures and threats

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a) Pressure	b) Ranking	c) location
Other modification of hydrological conditions for industrial or commercial development (F32)	M	both inside and outside EU (inOutEU)
Active abstractions from groundwater, surface water or mixed water for agriculture (A30)	H	both inside and outside EU (inOutEU)
Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01)	H	both inside and outside EU (inOutEU)
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	M	both inside and outside EU (inOutEU)
Agricultural activities generating diffuse pollution to surface or ground waters (A26)	M	both inside and outside EU (inOutEU)
a) Threat	d) Ranking	e) location
Other modification of hydrological conditions for industrial or commercial development (F32)	m	both inside and outside EU (inOutEU)
Active abstractions from groundwater, surface water or mixed water for agriculture (A30)	H	both inside and outside EU (inOutEU)
Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01)	H	both inside and outside EU (inOutEU)
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	M	both inside and outside EU (inOutEU)
Agricultural activities generating diffuse pollution to surface or ground waters (A26)	M	both inside and outside EU (inOutEU)

### 7.2 Sources of information

Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Α., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Ραζαζογλου, 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&tabi=539&language=el-GR>.

### 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

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### 9. Natura 2000 (SPAs) coverage

#### 9.1 Population size inside the Natura 2000 (SPA) network

- a) Unit                      number of pairs (p)
- b) Minimum                180
- c) Maximum                280
- 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

Stable (0)

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

Complete survey or a statistically robust estimate

#### 9.6 Additional information