

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

1. Species information

1.1 Member State	Greece
1.2 Species code	A193
1.3 EURING code	6150
1.4 Species scientific name	Sterna hirundo
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	ποταμογλάρονο
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 1300 c) Maximum 1500 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	Hellenic Ornithological Society database
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	Based mainly on extrapolation from a limited amount of data
3.1.5 Sources	BirdLife International 2004. Birds in Europe - Population estimates, trends and conservation status. Cambridge, UK, BirdLife International (BirdLife Conservation Series No 12).

3.2 Long-term trend (since c. 1980)

3.2.1 Long-term trend Period	1980-2018
3.2.2 Long-term trend Direction	Stable (0)
3.2.3 Long-term trend Magnitude	a) Minimum b) Maximum c) Best single value 0

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

3.2.4 Long-term Trend Method used	Based mainly on extrapolation from a limited amount of data
3.2.5 Sources	Handrinos, G. & Akriotis, T. 1997. The Birds of Greece. Helm.
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	17100
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) Hagemeyer, 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 > 5) ΥΠΕΚΑ (2012). Περιγραφική και γεωγραφική βάση δεδομένων του Δικτύου Natura 2000 (http://www.ypeka.gr/Default.aspx?tabid=432&language=el-GR) 6) 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 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	Hellenic Ornithological Society database

5.2 Long-term trend (since c. 1980)

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

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	Based mainly on extrapolation from a limited amount of data
5.2.5 Sources	Handrinos, G. & Akriotis, T. 1997. The Birds of Greece. Helm.
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)	()
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)	H	both inside and outside EU (inOutEU)
Sea-level and wave exposure changes due to climate change (N04)	M	both inside and outside EU (inOutEU)
Use of plant protection chemicals in agriculture (A21)	M	inside the Member State (inMS)
Removal of small landscape features for agricultural land parcel consolidation (hedges, stone walls, rushes, open ditches, springs, solitary trees, etc.) (A05)	M	inside the Member State (inMS)

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

Deposition and treatment of waste/garbage from household/recreational facilities (F09)	H	inside the Member State (inMS)
Sports, tourism and leisure activities (F07)	H	inside the Member State (inMS)
Residential or recreational activities and structures generating noise, light, heat or other forms of pollution (F24)	M	inside the Member State (inMS)
Other modification of hydrological conditions for residential or recreational development (F31)	H	inside the Member State (inMS)
a) Threat	d) Ranking	e) location
Other human intrusions and disturbance not mentioned above (H08)	H	both inside and outside EU (inOutEU)
Sea-level and wave exposure changes due to climate change (N04)	M	both inside and outside EU (inOutEU)
Use of plant protection chemicals in agriculture (A21)	M	inside the Member State (inMS)
Removal of small landscape features for agricultural land parcel consolidation (hedges, stone walls, rushes, open ditches, springs, solitary trees, etc.) (A05)	M	inside the Member State (inMS)
Deposition and treatment of waste/garbage from household/recreational facilities (F09)	H	inside the Member State (inMS)
Sports, tourism and leisure activities (F07)	H	inside the Member State (inMS)
Residential or recreational activities and structures generating noise, light, heat or other forms of pollution (F24)	M	inside the Member State (inMS)
Other modification of hydrological conditions for residential or recreational development (F31)	H	inside the Member State (inMS)

7.2 Sources of information

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 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.

Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Α., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Παραζογιου, C. & Barov, 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>.

7.3 Additional information

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

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 pairs (p)
	b) Minimum	1040
	c) Maximum	1200
	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		