



SAM001 - Alyki Psilis Ammou

Wetland description

Geographical data

Region:	Samos
Regional section:	Voreio Aigaio
Island:	Samos
Municipality:	Samos
Closest settlement:	Palaiokastro
Distance from closest settlement:	3.6 km south - southeast
Coordinates (WGS84):	27.008097 E - 37.705810 N

Fundamental data

Wetland location:	1. Marine/Coastal
Wetland category:	Natural
Area:	29.58 hectares
Hydrological interaction with other wetland:	No
Water salinity:	3.Brackish (5.0-18.0 g/l)
Fresh water entry:	Catchment area (precipitation)
Surface water runoff:	Outflow from lakeshore or river
Open water area (%):	76 - 95
Hydroperiod:	2. Seasonal

Protection status

Category of protection status	Type of protection status	Site name	Code	Coverage (%)	Legislation
Habitat and species protected area	Special area of conservation	Samos: Paralia Alyki	GR4120001	100	N. 3937/2011 (ΦΕΚ 60/A/2011)
Habitat and species protected area	Special protection area	Samos: Alyki Psilis Ammou	GR4120007	70	N. 3937/2011 (ΦΕΚ 60/A/2011)
Habitat and species protected area	Wildlife refugee	Argyrou, Psili Ammos Dimou Vatheos	K915	100	ΦΕΚ 953/B/2002

Other designations

CDDA designation

CDDA code	Category
GR28	Protected significant natural formation, protected landscape and landscape elements
GR95	Wildlife Refugee

IUCN PA category**Important Bird Area**

IBA Code	Site name	Coverage (%)
GR146	Psili Ammos lagoon, Samos	100

National Wetland Inventory

Code	Site name
GR412340000	Limnothalassa Alykis Psilis Ammou

Wetland status

Status (MEDWET): 3 - Original habitats/landform partially modified (10-50% untouched)

Property status

Government - Municipal / Private

Wetland values

- 109 Food chain support
- 110 Wildlife habitat
- 111 Active recreation
- 201 Wildlife resources
- 301 Biological diversity
- 302 Uniqueness to culture/heritage

Human activities in wetland

Activities	Intensity
010 = Habitat conservation	Medium
100 = Cultivation	Medium
243 = trapping poisoning poaching	Medium
402 = discontinuous urbanisation	Low
502 = roads motorways	Low
620 = Outdoor sports and leisure activities	Medium
690 = Other leisure and tourism impacts not referred to above	Low
701 = water pollution	Low
802 = reclamation of land from sea estuary or marsh	Low

Human activities in catchment area

Activities	Intensity
105 = extensive cultivations	Medium
106 = intensive cultivations	Low

107 = tree cultivations	Medium
110 = Use of pesticides	Unknown
120 = Fertilisation	Unknown
130 = Irrigation	Low
140 = Grazing	Unknown
402 = discontinuous urbanisation	Medium
502 = roads motorways	Medium

Impacts on wetland

Impact type	Intensity
FFO = Disruption of faunal cycle/function other than breeding	Medium
HL- = Habitat loss	Low
PSO = Sewage pollution of an unknown severity/duration	Unknown
SP- = Soil compaction	Medium

Habitat types

Habitat types	Coverage (%)
1310 Salicornia and other annuals colonizing mud and sand	5 - 25
1410 Mediterranean salt meadows (<i>Juncetalia maritimii</i>)	26 - 50
1440 Salt pans	5 - 25
5340 Garrigues of Eastern Mediterranean	< 5
72A0 Reed thickets	5 - 25

Wetland types (Ramsar)

Wetland type	Coverage (%)
H -- Intertidal marshes; includes salt marshes, salt meadows, salttings, raised salt marshes; includes tidal brackish and freshwater marshes	26 - 50
J -- Coastal brackish/saline lagoons; brackish to saline lagoons with at least one relatively narrow connection to the sea	26 - 50

Vegetation

Vegetation type	Coverage (%)
Ammophilous	< 5
Emergent	5 - 25
Halophytic	5 - 25
Shrubby / Arborescent	< 5
Wet meadow	26 - 50

Flora

Species	Dominance	Reference
<i>Juncus</i> sp.	Dominant	N. Georgiadis 18.04.2005
<i>Pancratium maritimum</i>	Present	N. Georgiadis 18.04.2005
<i>Phragmites australis</i>	Present	N. Georgiadis 18.04.2005
<i>Pistacia lentiscus</i>	Present	N. Georgiadis 18.04.2005
<i>Salicornia</i> sp.	Present	N. Georgiadis 18.04.2005
<i>Tamarix</i> sp.	Present	N. Georgiadis 18.04.2005

Fauna

Mammals	Presence in wetland	Reference	
Canis aureus (Linnaeus, 1758)		Bousbouras et al. 2000	
Erinaceus concolor Martin, 1838		Bousbouras et al. 2000	
Lepus europaeus Pallas, 1778		Bousbouras et al. 2000	
Rattus rattus (Linnaeus, 1758)		Bousbouras et al. 2000	
Birds	Number	Nesting status	Reference
		Άγνωστο	National Technical University of Athens 2011
Buteo rufinus (Cretzschmar, 1829)		Άγνωστο	National Technical University of Athens 2011
Circus aeruginosus (L., 1758)	1-10		Bader 1987
Circus cyaneus (L., 1766)		Άγνωστο	National Technical University of Athens 2011
Pandion haliaetus (L., 1758)		Άγνωστο	National Technical University of Athens 2011
Anas platyrhynchos (L., 1758)		Άγνωστο	National Technical University of Athens 2011
Anas querquedula (L., 1758)		Άγνωστο	National Technical University of Athens 2011
Aythya fuligula (L., 1758)		Άγνωστο	National Technical University of Athens 2011
Tadorna ferruginea (Pallas, 1764)		Άγνωστο	National Technical University of Athens 2011
Tadorna ferruginea (Pallas, 1764)	1-10		Bader 1987
Tadorna ferruginea (Pallas, 1764)	1-10	Φωλιάζει	Portolou et al. 2009
Tadorna ferruginea (Pallas, 1764)		Φωλιάζει	Bousbouras et al. 2000
Tadorna tadorna (L., 1758)		Δεν φωλιάζει	Bousbouras et al. 2000
Actitis hypoleucus (L., 1758)	1-10		Bader 1987
Calidris minuta (Leisler, 1812)	1-10		Bader 1987
Charadrius dubius (Scopoli, 1786)	1-10		Bader 1987
Chlidonias leucopterus (Temminck, 1815)	10-100		Bader 1987
Gallinago gallinago (L., 1758)		Άγνωστο	National Technical University of Athens 2011
Himantopus himantopus (L., 1758)		Άγνωστο	National Technical University of Athens 2011
Himantopus himantopus (L., 1758)	1-10		Bader 1987
Larus cachinnans (Pallas, 1811)	10-100		Bader 1987
Limosa limosa (L., 1758)		Δεν φωλιάζει	Portolou et al. 2009
Lymnocryptes minimus (Brünnich, 1764)		Άγνωστο	National Technical University of Athens 2011
Numenius arquata (L., 1758)		Άγνωστο	National Technical University of Athens 2011
Philomachus pugnax (L., 1758)	1-10		Bader 1987
Tringa glareola (L., 1758)		Άγνωστο	National Technical University of Athens 2011
Tringa glareola (L., 1758)	1-10		Bader 1987
Tringa nebularia (Gunnerus, 1767)		Άγνωστο	National Technical University of Athens 2011
Tringa nebularia (Gunnerus, 1767)	1-10		Bader 1987
Ardea alba (L., 1758)		Άγνωστο	National Technical University of Athens 2011

<i>Ardea cinerea</i> (L., 1758)	1-10	Άγνωστο	Bader 1987
<i>Ardeola ralloides</i> (Scopoli, 1769)			National Technical University of Athens 2011
<i>Ardeola ralloides</i> (Scopoli, 1769)	1-10	Άγνωστο	Bader 1987
<i>Ciconia ciconia</i> (L., 1758)		Άγνωστο	National Technical University of Athens 2011
<i>Egretta garzetta</i> (L., 1766)		Άγνωστο	National Technical University of Athens 2011
<i>Egretta garzetta</i> (L., 1766)	1-10	Άγνωστο	Bader 1987
<i>Ixobrychus minutus</i> (L., 1766)		Άγνωστο	National Technical University of Athens 2011
<i>Plegadis falcinellus</i> (L., 1766)		Άγνωστο	National Technical University of Athens 2011
<i>Plegadis falcinellus</i> (L., 1766)	1-10	Δεν φωλιάζει	Bader 1987
<i>Plegadis falcinellus</i> (L., 1766)		Φωλιάζει	Bousbouras et al. 2000
<i>Alectoris chukar</i> (J.E.Gray, 1830)			Bousbouras et al. 2000
<i>Fulica atra</i> (L., 1758)		Άγνωστο	National Technical University of Athens 2011
<i>Fulica atra</i> (L., 1758)	1-10		Bader 1987
<i>Gallinula chloropus</i> (L., 1758)	1-10		Bader 1987
<i>Acrocephalus arundinaceus</i> (L., 1758)	1-10		Bader 1987
<i>Emberiza calandra</i> (L., 1758)	1-10		Bader 1987
<i>Galerida cristata</i> (L., 1758)	1-10		Bader 1987
<i>Saxicola rubetra</i> (L., 1758)	1-10		Bader 1987
<i>Phoenicopterus roseus</i> (Pallas, 1811)		Άγνωστο	National Technical University of Athens 2011
<i>Phoenicopterus roseus</i> (Pallas, 1811)	10-100	Άγνωστο	Greve 1988
<i>Phoenicopterus roseus</i> (Pallas, 1811)	10-100	Δεν φωλιάζει	Bader 1987
<i>Phoenicopterus roseus</i> (Pallas, 1811)		Δεν φωλιάζει	Bousbouras et al. 2000
<i>Puffinus yelkouan</i> (Acerbi, 1827)		Δεν φωλιάζει	Portolou et al. 2009

Reptiles

	Presence in wetland	Reference
<i>Anatololacerta anatolica</i> (Werner, 1902)		Bousbouras et al. 2000
<i>Eryx jaculus</i> (Linnaeus, 1758)		Bousbouras et al. 2000
<i>Mauremys rivulata</i> (Valenciennes, 1833)	Unknown	Ioannides et al. 1994
<i>Mauremys rivulata</i> (Valenciennes, 1833)		Bousbouras et al. 2000
<i>Pseudopus apodus</i> (Pallas, 1775)		Bousbouras et al. 2000

Amphibians

	Presence in wetland	Reference
<i>Bufo viridis</i> (Laurenti, 1768)	Present	N. Georgiadis 18.04.2005
<i>Pelophylax bedriagae</i> (Camerano, 1882)	Present	N. Georgiadis 18.04.2005

Fishes

	Presence in wetland	Reference

Invertebrates

	Presence in wetland	Reference

Reference

Bader, A. 1987. Ornithologische Beobachtungen auf der Insel Samos (Griechenland). Orn. Mitt. 39:174-178.

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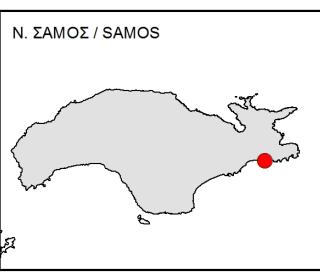




SAM001 - Αλυκή Ψιλής Άμμου / Alyki Psilis Ammou



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Δορυφορική εικόνα: Google Earth / WGS84 - Satellite image: Google Earth / WGS84

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Ορια υγρότοπου
Site boundaries



Ηησιωτικοί υγρότοποι της Ελλάδας - Island wetlands of Greece