

**SOURCE OF INFORMATION: NATURA 2000 DATABASE****SITECODE**

GR1220005

**SITE\_NAME**

LIMNOTHALASSA ANGELOCHORIOU

**TOTAL AREA**

377,2

**QUALITY**

The area is important as a breeding, feeding and resting area for a large number of bird species, including protected, as well as endangered ones.

**VULNAR**

Salt works affect the largest part of the wetland. Land reclamation for agriculture, canalization, hunting have also negative impacts on the site. A lot of disturbance is caused by many motorized vehicles. Illegal construction is another problem.

**CHARACT**

A narrow sandy beach cuts off a saline lagoon and associated salt marshes from the sea except for a central connecting artificial ditch. At the north part of the lagoon there are saltworks. The ditch surrounding the salt works is occupied by reed beds with *Phragmites australis*. Small clusters of *Spartium junceum*, *Holoschoenus vulgaris* or *Asphodelus aestivus* are incorporated within the dune system.

**OWNER**

Public and private property.

**DOCUM**

Economidis P.S. 1991. Checklist of freshwater fishes of Greece (recent status of threats and protection). Hellenic Society for the Protection of Nature, special publication p. 48. (3.2.e., 3.3). - Goulandris Museum Natural History - EU/DG XI. 1994. ORNIS Data Bank, unpubl. data. Kifissia, Greece. (3.2. a, b). -Goutner V., S. Kazantzidis & P. Latsoudis. 1992. Wetlands of Gallikos river estuary-Kalohori marsh, Megalo Embolo salines and biotopes of Epanomi region. Assessment of the ornithological importance and delimitation proposal. Society for the Study and Protection of Wetlands. Thessaloniki, p. 99. (3.2. a, b). -Gretton A. 1991. The ecology and conservation of the Slender-billed Curlew (*Numenius tenuirostris*). ICBP Monograph No. 6, p. 170. (3.2. a). -Grimmet R.F.A. & T.A. Jones. 1989. The Important Bird Areas in Europe. ICBP Technical Publication No. 9, p. 906. (3.2. a, b). -Hellenic Bird Ringing Scheme, Hellenic Society for the Protection of Nature, Greek Biotope-Wetland Centre, International Waterfowl Research Bureau. 1993-1994. Midwinter waterfowl census, Greece. Unpubl. reports. Athens. (3.2. a, b). -Ministry of Environment, Physical Planning and Public Works (Y.PE.CHO.D.E.).1992. Study for the delimitation and management of Epanomi and Angelochori Wetlands and identification of the current situation in estuarine area of Gallikos river and limnothalassa of Kalochori, Topiotechniki EPE (in greek) (2, 3.1, 4.5, 4.6). Heath, M. F. and Evans, M. I., eds. 2000. Important Bird Areas in Europe: Priority sites for conservation. 2: Southern Europe. Cambridge, UK: BirdLife International. BirdLife Conservation Series No. 8, p. 791.

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HABITAT TYPES						
SITECODE	HBCDAX	COVER	REPRESENT	REL_SURF	CONSERVE	CLOBAL
GR1220005	<u>1110</u>	11	B	C	C	C
GR1220005	<u>1140</u>	11	C	C	C	C
GR1220005	<u>1150 *</u>	18,51	C	C	C	C
GR1220005	1210	0,81	D			
GR1220005	1310	0,72	D			
GR1220005	1410	9,79	B	C	B	B
GR1220005	1420	5,47	B	C	B	B
GR1220005	1510	1,03	D			
GR1220005	<u>2110</u>	0,27	C	C	C	C
GR1220005	<u>2120</u>	3,28	C	C	C	C
GR1220005	<u>2220</u>	8,82	D			

**Explanatory notes of the habitat types table**

**REPRESENTATIVITY** (the degree of representativity of the natural habitat type on the site): A : excellent representativity, B : good representativity, C : significant representativity

**RELATIVE SURFACE** (Area of the site covered by the natural habitat type in relation to the total area covered by that natural habitat type within the national territory): A : 100 >= p >15%, B : 15 >= p > 2%, C : 2 >= p > 0

**CONSERVATION STATUS** (the degree of conservation of the structure and functions of the natural habitat type concerned and restoration possibilities): A: excellent conservation, B: good conservation, C: average or reduced conservation

**CLOBAL ASSESSMENT** (Global assessment of the value of the site for conservation of the natural habitat type concerned): A : excellent value, B : good value, C : significant value

**(\*)**: priority habitat type according to Annex I of the European Directive 92/43/EEC «on the conservation of natural habitats and of wild fauna and flora»

FISH										
SITECODE	ANNE X_II	SPECNAME	RESIDENT	BREEDIN G	WINTER	STAGIN G	POPULATI ON	CONVER SE	ISOLATION	GLOBAL
GR1220005	Y	<i>Aphanius fasciatus</i>	C				B	C	C	C

BIRDS										
SITECODE	ANNEX_II	SPECNAME	RESIDENT	BREEDING	WINTER	STAGIN G	POPULATI ON	CONVER SE	ISOLATION	GLOBAL
GR1220005	Y	<i>Ciconia nigra</i>				1--2	B	B	B	B
GR1220005	Y	<i>Plegadis falcinellus</i>				27	C	B	C	B
GR1220005	Y	<i>Platalea leucorodia</i>				37	C	B	C	B
GR1220005	Y	<i>Phoenicopterus ruber</i>			52		C	B	C	B
GR1220005	Y	<i>Himantopus himantopus</i>		4--49			C	B	C	B
GR1220005	Y	<i>Recurvirostra avosetta</i>		40--55	150		C	B	C	B

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BIRDS										
SITECODE	ANNEX_II	SPECNAME	RESIDENT	BREEDING	WINTER	STAGIN G	POPULATI ON	CONVER SE	ISOLATION	GLOBAL
GR1220005	Y	<i>Burhinus oedicnemus</i>		1--2			C	B	C	B
GR1220005	Y	<i>Glareola pratincola</i>		5--8			C	B	C	B
GR1220005	Y	<i>Philomachus pugnax</i>		101-500			C	B	C	B
GR1220005	Y	<i>Numenius tenuirostris</i>				1	A	B	B	B
GR1220005	Y	<i>Larus melanocephalus</i>				5500	B	B	C	B
GR1220005	Y	<i>Larus genei</i>				80	C	B	C	B
GR1220005	Y	<i>Sterna sandvicensis</i>				117	C	B	C	B
GR1220005	Y	<i>Sterna hirundo</i>		35-45			C	B	C	B
GR1220005	Y	<i>Sterna albifrons</i>		4--45			C	B	C	B
GR1220005	Y	<i>Chlidonias niger</i>				89	C	B	C	B
GR1220005	Y	<i>Caprimulgus europaeus</i>		1			C	B	C	B
GR1220005	Y	<i>Melanocorypha calandra</i>		P	41		C	B	C	B
GR1220005	Y	<i>Calandrella brachydactyla</i>		3		11-- 50	C	B	C	B
GR1220005	Y	<i>Anthus campestris</i>		3--4			C	B	C	B
GR1220005	Y	<i>Phalacrocorax pygmeus</i>			18		C	B	B	B
GR1220005		<i>Podiceps nigricollis</i>			213		C	B	C	B
GR1220005		<i>Tadorna tadorna</i>		5--12			C	B	C	B
GR1220005		<i>Charadrius alexandrinus</i>		40--45		251- 500	C	B	C	B
GR1220005		<i>Calidris minuta</i>				220	C	B	C	B
GR1220005		<i>Calidris ferruginea</i>				501- 1000	C	B	C	B
GR1220005		<i>Tringa totanus</i>		11--12			C	B	C	B
GR1220005		<i>Xenus cinereus</i>				1	A	B	B	B
GR1220005		<i>Motacilla</i>		2--3		251-	C	B	C	B

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BIRDS										
SITECODE	ANNEX_II	SPECNAME	RESIDENT	BREEDING	WINTER	STAGIN G	POPULATI ON	CONVER SE	ISOLATION	GLOBAL
		<i>flava</i>				500				
GR1220005		<i>Emberiza schoeniclus</i>			101-250		C	B	C	B
GR1220005		<i>Emberiza melanocephala</i>		P		251-500	C	B	C	B
GR1220005		<i>Phalacrocorax carbo sinensis</i>			570		C	B	C	B

OTHER IMPORTANT SPECIES			
SITECODE	SPECNAME	POPULATION	MOTIVATION
GR1220005	<i>Syngnathus abaster</i>	P	C

**Explanatory notes of the species' tables**

**RESIDENT** (to be found throughout the year on the site): common (C), rare (R), very rare (V), and present (P).

**POPULATION** (Size and density of the population of the species present on the site in relation to the populations present within national territory): A: 100%>=p >15%, B: 15%>=p >2%, C: 2%> = p >0%, D: non-significant population.

**CONSERVATION** (Degree of conservation of the features of the habitat which are important for the species concerned and possibilities for restoration): A: conservation excellent, B: good conservation, C: average or reduced conservation.

**ISOLATION** (Degree of isolation of the population present on the site in relation to the natural range of the species): A: population (almost) isolated, B: population not-isolated, but on margins of area of distribution, C: population not-isolated within extended distribution range.

**GLOBAL** (Global assessment of the value of the site for conservation of the species concerned): A : excellent value, B : good value, C : significant value.

**OTHER IMPORTANT SPECIES:** other important flora or/and fauna species appearing in the area.

**MOTIVATION** (characterization of the species regarding A. National Red Data list, B. Endemics. C. International Conventions (incl. Bern, Bonn and Biodiversity), D. Other reasons

IMPACTS & ACTIVITIES			
SITECODE	IMPACT & ACTIVITY CODE	IN_OUT	INTENSE
GR1220005	100	I	C
GR1220005	110	O	C
GR1220005	140	I	C
GR1220005	200	I	B
GR1220005	200	O	B
GR1220005	210	O	C
GR1220005	211	I	C
GR1220005	230	I	C
GR1220005	340	I	B
GR1220005	403	O	B
GR1220005	409	I	B

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IMPACTS & ACTIVITIES			
SITECODE	IMPACT & ACTIVITY CODE	IN_OUT	INTENSE
GR1220005	420	I	B
GR1220005	420	O	C
GR1220005	501	I	B
GR1220005	502	O	C
GR1220005	504	O	C
GR1220005	690	I	C
GR1220005	690	O	B
GR1220005	701	O	C
GR1220005	710	I	B
GR1220005	710	O	C
GR1220005	890	O	B
GR1220005	954	I	A

**Explanatory notes of the table of impacts/activities**

**INTENSE** (the intensity of their influence on the site): high influence (A), medium influence (B), low influence (C).

CODE	IMPACTS / ACTIVITIES
100	Cultivation
110	Use of pesticides
140	Grazing
200	Fishing, Fish and Shellfish Aquaculture
210	Professional fishing
211	Fixed location fishing
230	Hunting
340	Salt works
403	Discontinuous urbanisation
409	Other patterns of habitation
420	Discharges
501	Paths, tracks, cycling tracks
502	Routes, autoroutes
504	Port areas
690	Other leisure and tourism activities
701	Water pollution
710	Noise nuisance
890	Other human induced changes in hydraulic conditions
954	Invasion by a species