
NATURA 2000

STANDARD DATA FORM

FOR SPECIAL PROTECTION AREAS (SPA)

FOR SITES ELIGIBLE FOR IDENTIFICATION AS SITES OF
COMMUNITY IMPORTANCE (SCI)

AND

FOR SPECIAL AREAS OF CONSERVATION (SAC)

1. SITE IDENTIFICATION

<i>1.1. TYPE</i>	<i>1.2. SITE CODE</i>	<i>1.3. COMPILATION DATE</i>	<i>1.4. UPDATE</i>
F	GR1340008	200909	

1.5. RELATION WITH OTHER NATURA 2000 SITES:

NATURA 2000 SITE CODES

GR1340005

1.6. RESPONDENT(S):

HELLENIC ORNITHOLOGICAL SOCIETY

1.7. SITE NAME:

LIMNES CHEIMADITIDA KAI ZAZARI

1.8. SITE INDICATION AND DESIGNATION/CLASSIFICATION DATES:

DATE SITE PROPOSED AS ELIGIBLE AS SCI:

DATE CONFIRMED AS SCI:

DATE SITE CLASSIFIED AS SPA:

DATE SITE DESIGNATED AS SAC:

2. SITE LOCATION

2.1. SITE CENTRE LOCATION

LONGITUDE

E 21 7 44

W/E (Greenwich)

LATITUDE

39 52 57

2.2. AREA (HA):

5193,17

2.3. SITE LENGTH (KM):

2.4. ALTITUDE (M):

MINIMUM

597

MAXIMUM

1067

MEAN

658

2.5. ADMINISTRATIVE REGION:

NUTS CODE

GR134

REGION NAME

Florina

% COVER

100

2.6. BIOGEOGRAPHIC REGION:

Alpine

Atlantic

Boreal

Continental

Macaronesian

Mediterranean

3. ECOLOGICAL INFORMATION

3.1. HABITAT types present on the site and assessment for them:

ANNEX I HABITAT TYPES:

CODE	%COVER	REPRESENTATIVITY	RELATIVE SURFACE	CONSERVATION STATUS	GLOBAL ASSESSMENT
9280	28,8				
3190	8,6				
91E0	0,4				
6450	0,4				

3.2. SPECIES

covered by Article 4 of Directive 79/409/EEC

and

listed in Annex II of Directive 92/43/EEC

and

site assessment for them

3.2.a. BIRDS listed on Annex I of Council directive 79/409/EEC

CODE	NAME	POPULATION			SITE ASSESSMENT				
		Resident	Migratory		Population	Conservation	Isolation	Global	
			Breed	Winter	Stage				
A393	Phalacrocorax pygmeus				0--30 ind				
A020	Pelecanus crispus				--120 ind				
A019	Pelecanus onocrotalus				--180 ind				
A021	Botaurus stellaris			P					
A022	Ixobrychus minutus	50 p.				B	B	C	B
A023	Nycticorax nycticorax				2--25 ind.				
A024	Ardeola ralloides				--100 ind				
A026	Egretta garzetta				--150 ind				
A027	Egretta alba				1--4 ind.				
A029	Ardea purpurea	3--4 p.				B	B	C	B
A031	Ciconia ciconia	7--9 p.					D		
A030	Ciconia nigra								P
A032	Plegadis falcinellus								P
A034	Platalea leucorodia								P
A060	Aythya nyroca	15--20 p.				A	B	C	B
A068	Mergus albellus			P					
A072	Pernis apivorus	1 p.					D		
A080	Circaetus gallicus	1--2 p.					D		
A081	Circus aeruginosus	2--3 p.				B	B	C	B
A402	Accipiter brevipes			P					
A403	Buteo rufinus	1 p.					D		
A089	Aquila pomarina			P					
A090	Aquila clanga				1 ind.	C	B	C	B
A091	Aquila chrysaetos	1 p.				C	B	C	B
A095	Falco naumanni	8--15 p.					D		
A097	Falco vespertinus								P
A098	Falco columbarius				1--2 ind.	C	B	C	B
A103	Falco peregrinus	1 p.					D		
A131	Himantopus himantopus								P
A132	Recurvirostra avosetta								P
A151	Philomachus pugnax								P
A166	Tringa glareola								P
A196	Chlidonias hybridus								P
A197	Chlidonias niger								P
A229	Alcedo atthis			P					
A231	Coracias garrulus	1--2 p.				C	B	B	B
A238	Dendrocopos medius			P					

A429	Dendrocopos syriacus	P		
A242	Melanocorypha calandra	10--20 p.		D
A246	Lullula arborea		P	
A255	Anthus campestris		P	
A321	Ficedula albicollis			P
A338	Lanius collurio		P	
A339	Lanius minor		P	

3.2.b. Regularly occurring Migratory Birds not listed on Annex I of Council Directive 79/409/EEC

CODE	NAME	POPULATION			SITE ASSESSMENT				
		Resident	Migratory		Population	Conservation	Isolation	Global	
			Breed	Winter	Stage				
A004	Tachybaptus ruficollis	13--20 p.				C	B	C	B
A005	Podiceps cristatus	34--40 p.				B	B	C	B
A008	Podiceps nigricollis								P
A017	Phalacrocorax carbo			P	0--80 ind				
A028	Ardea cinerea				--12 ind				
A036	Cygnus olor				--42 ind				
A041	Anser albifrons			P					
A043	Anser anser			P					
A048	Tadorna tadorna				--20 ind				
A050	Anas penelope				--110 ind				
A052	Anas crecca	2--3 p.	--1550 ir			A	B	A	B
A053	Anas platyrhynchos	15--20 p.				B	B	C	B
A055	Anas querquedula				0--180 p				
A056	Anas clypeata				--1150 ir				
A058	Netta rufina				--10 ind				
A059	Aythya ferina	20--25 p.	--120 ind			A	B	B	B
A061	Aythya fuligula			P					
A067	Bucephala clangula			P					
A070	Mergus merganser			P					
A087	Buteo buteo	3--5 p.	0--25 ind						D
A113	Coturnix coturnix			P					
A125	Fulica atra				--1300 ind				
A130	Haematopus ostralegus								P
A142	Vanellus vanellus								P
A149	Calidris alpina								P
A153	Gallinago gallinago								P
A163	Tringa stagnatilis								P
A165	Tringa ochropus								P
A168	Actitis hypoleucos								P
A179	Larus ridibundus								P
A198	Chlidonias leucopterus								P
A210	Streptopelia turtur			P					
A214	Otus scops			P					
A228	Apus melba			P					

A230	Merops apiaster		16--20 p.		C	B	C	B
A247	Alauda arvensis	P						
A249	Riparia riparia			0--300 ir				
A251	Hirundo rustica		P					
A253	Delichon urbica		P					
A260	Motacilla flava			30--50 p.		D		
A278	Oenanthe hispanica		P					
A438	Hippolais pallida		P					
A319	Muscicapa striata		P					
A341	Lanius senator		P					
A337	Oriolus oriolus		P					
A355	Passer hispaniolensis		0--50 p.			D		
A382	Emberiza melanocephala		20--40 p.			D		

3.2.c. MAMMALS listed on Annex II of Council directive 92/43/EEC

CODE	NAME	POPULATION			SITE ASSESSMENT			
		Resident	Migratory		Population	Conservation	Isolation	Global
		Breed	Winter	Stage				
1335	Spermophilus citellus	R			C	C	A	C
1355	Lutra lutra	R			C	C	A	C

3.2.d. AMPHIBIANS and REPTILES listed on Annex II of Council directive 92/43/EEC

CODE	NAME	POPULATION			SITE ASSESSMENT			
		Resident	Migratory		Population	Conservation	Isolation	Global
		Breed	Winter	Stage				
1167	Triturus carnifex	P				D		
1217	Testudo hermanni	P				D		
1220	Emys orbicularis	P				D		

3.2.e. FISHES listed on Annex II of Council directive 92/43/EEC

CODE	NAME	POPULATION			SITE ASSESSMENT			
		Resident	Migratory		Population	Conservation	Isolation	Global
		Breed	Winter	Stage				
1134	Rhodeus sericeus amarus	P			A	B	C	B

3.2.f. INVERTEBRATES listed on Annex II of Council directive 92/43/EEC

CODE	NAME	POPULATION			SITE ASSESSMENT			
		Resident	Migratory		Population	Conservation	Isolation	Global
		Breed	Winter	Stage				
1060	Lycaena dispar	R			C	C	A	C
1083	Lucanus cervus	R			C	C	A	C
1088	Cerambyx cerdo	R			C	C	A	C

3.2.g. PLANTS listed on Annex II of Council directive 92/43/EEC

3.3. Other Important Species of Flora and Fauna

GROUP		SCIENTIFIC NAME	POPULATION	MOTIVATION				
B	M	A	R	F	I	P		
		F	Leuciscus cephalus vardarensis	P				A
		R	Malpolon monspessulanus	P				C
	M		Meles meles	P				C
	M		Mustela nivalis	P				C
		R	Podarcis muralis	P				C
		R	Vipera ammodytes	P				C
	M		Canis lupus	C				A

(B = Birds, M = Mammals, A = Amphibians, R = Reptiles, F = Fish, I = Invertebrates, P = Plants)

4. SITE DESCRIPTION

4.1. GENERAL SITE CHARACTER:

Habitat classes	% cover
Extensive cereal cultures (including Rotation cultures with regular following)	14,48
Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites)	0,56
Non-forest areas cultivated with woody plants (including Orchards, groves, Vineyards, Dehesas)	5,23
Mixed woodland	10,07
Other arable land	15,59
Alpine and sub-Alpine grassland	2,62
Dry grassland, Steppes	4,96
Heath, Scrub, Maquis and Garrigue, Phygrana	18,25
Inland water bodies (Standing water, Running water)	24,27
Broad-leaved deciduous woodland	3,97
Total habitat cover	100 %

Other site characteristics

Important for birds of the wetlands are the reed beds, usually dominated by *Phragmites australis*, being significantly more extensive in lake Cheimaditis than Zazari. Also, rooted submerged and floating vegetation (*Potamogeton* spp., *Ceratophyllum* sp., *Myriophyllum spicatum*, *Zannichelia palustris*, *Vallisneria* sp., *Nymphaea alba* etc.) occupy shallow waters.

4.2. QUALITY AND IMPORTANCE:

Lake Cheimaditida and Lake Zazari support a large number of nesting birds, more important being the Teal *Anas crecca* (The first discovered nesting site in Greece), the Ferruginous Duck *Aythya nyroca*, the Purple Heron *Ardea purpurea* and the Little Bittern *Ixobrychus minutus*, the Marsh Harrier *Circus aeruginosus* and the Pochard *Aythya ferina*. Other species of interest include the Golden Eagle *Aquila chrysaetos*, the Little and Great Crested Grebe and the Bee-eater.

4.3. VULNERABILITY

Both lakes, especially Cheimaditis, are threatened by eutrophication. The condition of the lakes is worsening by the decrease of water level during last years for irrigation purposes

4.4. SITE DESIGNATION:

4.5. OWNERSHIP

Public and private.

4.6. DOCUMENTATION

- Bourdakis S. & Vareltzidou, S. 2000. Greece pp 261-333. In 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.
 - Tsougrakis, I.(compiler).1999. Important Bird Areas in Greece: 046. Lake Chimaditis and Lake Zazaris. In: Bourdakis S. & Vareltzidou S. (compilers). Important Bird Areas in Greece Database. Hellenic Ornithological Society, BirdLife International. (unpublished report)

4. SITE DESCRIPTION

4.7. HISTORY

5. SITE PROTECTION STATUS AND RELATION WITH CORINE BIOTOPES

5.1. DESIGNATION TYPES at National and Regional level:

CODE	% COVER
GR95	72,04845869
IN06	96,40331489

5.2. RELATION OF THE DESCRIBED SITE WITH OTHER SITES:

designated at National or Regional level:

designated at International level:

5.3. RELATION OF THE DESCRIBED SITE WITH CORINE BIOTOPE SITES:

CORINE SITE CODE	OVERLAP TYPE	% COVER
A00010026		

6. IMPACTS AND ACTIVITIES IN AND AROUND THE SITE

6.1. GENERAL IMPACTS AND ACTIVITIES AND PROPORTION OF THE SURFACE OF THE SITE AFFECTED

IMPACTS AND ACTIVITIES WITHIN the site

CODE	INTENSITY	% OF SITE	INFLUENCE
100	A B C	10	+ 0 -
110	A B C	25	+ 0 -
120	A B C	25	+ 0 -
140	A B C	50	+ 0 -
171	A B C	5	+ 0 -
180	A B C	10	+ 0 -
210	A B C	27	+ 0 -
230	A B C	60	+ 0 -
421	A B C	5	+ 0 -
810	A B C	10	+ 0 -
853	A B C	10	+ 0 -
952	A B C	15	+ 0 -

IMPACTS AND ACTIVITIES AROUND the site

CODE	INTENSITY	INFLUENCE
100	A B C	+ 0 -
110	A B C	+ 0 -
120	A B C	+ 0 -
140	A B C	+ 0 -
162	A B C	+ 0 -
230	A B C	+ 0 -
390	A B C	+ 0 -
423	A B C	+ 0 -
502	A B C	+ 0 -
702	A B C	+ 0 -
810	A B C	+ 0 -

6.2. SITE MANAGEMENT AND PLANS

BODY RESPONSIBLE FOR THE SITE MANAGEMENT

SITE MANAGEMENT AND PLANS

Management plan for forest complex of Xino Nero -Variko 1997-2006.

7. MAPS OF THE SITE

Physical map

<i>NATIONAL MAP NUMBER</i>	<i>SCALE</i>	<i>PROJECTION</i>	<i>DIGITISED FORM AVAILABLE (*)</i>
	100000	HATT	Digitized boundaries. Parabolic system EGSA 87 ArcGIS 9.2

() Reference to availability of boundaries in digitised form*

Aerial photograph(s) included:

8. SLIDES