

Database release: End2020 --- 22/06/2021

SDF



NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),
Proposed Sites for Community Importance (pSCI),
Sites of Community Importance (SCI) and
for Special Areas of Conservation (SAC)

SITE **GR2240001**
SITENAME **LIMNOTHALASSES STENON LEFKADAS (PALIONIS - AVLIMON) KAI ALYKES LEFKADAS**

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1. SITE IDENTIFICATION

1.1 Type

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C

1.2 Site code

GR2240001

1.3 Site name

LIMNOTHALASSES STENON LEFKADAS (PALIONIS - AVLIMON) KAI ALYKES LEFKADAS

1.4 First Compilation date

1995-01

1.5 Update date

2020-07

1.6 Respondent:

Name/Organisation: Υπουργείο Περιβάλλοντος και Ενέργειας

Address:

Email:

1.7 Site indication and designation / classification dates

Date site classified as SPA:	2002-10
National legal reference of SPA designation	JMD HP 37338/1807/E103/6-9-2010 (OJ 1495 B)
Date site proposed as SCI:	1997-04
Date site confirmed as SCI:	2006-09
Date site designated as SAC:	2011-03
National legal reference of SAC designation:	Law 3937/29-3-11 (OJ 60 A)

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude:	20.720628
Latitude:	38.837056

2.2 Area [ha]

2120.6800

2.3 Marine area [%]

No information provided

2.4 Sitelength [km] (optional):

No information provided

2.5 Administrative region code and name

NUTS level 2 code	Region Name
GR22	Ionia Nisia
GR23	Dytiki Ellada

2.6 Biogeographical Region(s)

Mediterranean	(0.00 %)	Mediterranean	(0.00 %)	Mediterranean	(0.00 %)
Mediterranean	(0.00 %)	Mediterranean	(0.00 %)	Mediterranean	(0.00 %)
Mediterranean	(0.00 %)	Mediterranean	(0.00 %)	Mediterranean	(0.00 %)
Marine Mediterranean	(0.00 %)				

3. ECOLOGICAL INFORMATION

3.1 Habitat types present on the site and assessment for them

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Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D		A B C	
						Representativity	Relative Surface	Conservation	Global
1150 B	X		904.676	0.00	G	B	B	C	C
1240 B			1.85294	0.00	G	B	C	B	B
1310 B			72.2122	0.00	G	A	C	A	B
1410 B			57.4261	0.00	G	B	C	B	B
1420 B			59.6316	0.00	G	A	C	A	B
2110 B			52.8892	0.00	G	A	B	B	B
6420 B			0.745393	0.00	G	A	C	C	C
9320 B			30.7683	0.00	G	A	C	A	B

PF: for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.

NP: in case that a habitat type no longer exists in the site enter: x (optional)

Cover: decimal values can be entered

Caves: for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.

Data quality: G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species			Population in the site								Site assessment			
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D.qual.	A B C D		A B C	
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A168	Actitis hypoleucos			c				P	DD		B	C	B
B	A054	Anas acuta			w	501	1000	i		G		A	C	B
B	A052	Anas crecca			w	251	500	i		G		A	C	B
B	A053	Anas platyrhynchos			w	251	500	i		G		A	C	B
B	A255	Anthus campestris			r				P	DD		B	C	B
F	1152	Aphanius fasciatus			p				C	DD		B	C	C
B	A226	Apus apus			r				C	DD		C	C	B
B	A028	Ardea cinerea			w	51	100	i		G		B	C	B
B	A059	Aythya ferina			w	501	1200	i		G		A	C	B
B	A087	Buteo buteo			w				P	DD		B	C	B
B	A087	Buteo buteo			r				P	DD		B	C	B
B	A243	Calandrella brachydactyla			r				C	DD		A	C	B
B	A144	Calidris alba			c				P	DD		B	C	B
B	A149	Calidris alpina			c				P	DD		B	C	B
B	A147	Calidris ferruginea			c				P	DD		A	C	B

Species					Population in the site						Site assessment			
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D.qual.	A B C D	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A145	Calidris minuta			c				P	DD		A	C	B
B	A146	Calidris temminckii			c				C	DD		B	C	B
B	A138	Charadrius alexandrinus			w				P	DD		B	C	B
B	A138	Charadrius alexandrinus			r				P	DD		B	C	B
B	A138	Charadrius alexandrinus			c				P	DD		B	C	B
B	A137	Charadrius hiaticula			c				P	DD		B	C	B
R	1227	Chelonia mydas			p				P	DD				
B	A113	Coturnix coturnix			r				P	DD		A	C	B
B	A122	Crex crex			c				P	DD		B	C	B
B	A038	Cygnus cygnus			w	10	10	i		G		B	B	B
B	A036	Cygnus olor			w	51	100	i		G		A	C	B
B	A738	Delichon urbicum (urbica)			r				C	DD		B	C	B
B	A026	Egretta garzetta			w	51	100	i		G		A	C	B
B	A026	Egretta garzetta			c				C	DD		A	C	B
R	1279	Elaphe quatuorlineata			p				R	DD		B	C	C
R	1220	Emys orbicularis			p	51	100	i	V	M		C	C	C
B	A103	Falco peregrinus			p				P	DD		C	C	B
B	A125	Fulica atra			w	1001	3120	i		G		A	C	B
B	A153	Gallinago gallinago			w				C	DD		B	C	B
B	A131	Himantopus himantopus			r				P	DD		A	C	B
B	A131	Himantopus himantopus			c				P	DD		A	C	B
B	A251	Hirundo rustica			r				C	DD		B	C	B
B	A179	Larus ridibundus			w	501	1290	i		G			C	B
B	A156	Limosa limosa			c				C	DD		B	C	B
M	1355	Lutra lutra			p				P	M		B	C	B
B	A855	Mareca penelope			w	1001	4150	i		G		A	C	B
R	2373	Mauremys rivulata			p				R	DD		C	C	C
B	A069	Mergus serrator			w	51	100	i		G		B	C	B
B	A875	Microcarbo pygmaeus			c				R	DD		B	C	B
B	A260	Motacilla flava			r				C	DD		A	C	B
B	A768	Numenius arquata arquata			c				P	DD		B	C	B
B	A355	Passer hispaniolensis			r				C	DD		A	C	B
F	5333	Pelasgus stymphalicus			p				R	DD		C	A	C
B	A391	Phalacrocorax carbo sinensis			w	51	100	i		G		A	C	B

Species				Population in the site							Site assessment					
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D.qual.	A B C D			A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.		
B	A663	Phoenicopterus roseus			c				C	DD		B	C	B		
B	A141	Pluvialis squatarola			c				P	DD		B	C	B		
B	A005	Podiceps cristatus			w	11	11	i		G		A	C	B		
B	A008	Podiceps nigricollis			w	51	100	i		G		A	C	B		
B	A857	Spatula clypeata			w	501	1000	i		G		A	C	B		
B	A193	Sterna hirundo			r				C	DD		B	C	B		
R	1218	Testudo marginata			p				R	DD		B	C	C		
B	A161	Tringa erythropus			c				P	DD		B	C	B		
B	A166	Tringa glareola			c				C	DD		A	C	B		
B	A164	Tringa nebularia			c				P	DD		B	C	B		
B	A165	Tringa ochropus			w				C	DD		A	C	B		
B	A165	Tringa ochropus			c				P	DD		A	C	B		
B	A163	Tringa stagnatilis			c				P	DD		B	C	B		
B	A162	Tringa totanus			w	50	50	i		G		A	C	B		
B	A162	Tringa totanus			c				P	DD		A	C	B		

Group: A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles
S: in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes

NP: in case that a species is no longer present in the site enter: x (optional)

Type: p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)

Unit: i = individuals, p = pairs or other units according to the Standard list of population units and codes in accordance with Article 12 and 17 reporting (see [reference portal](#))

Abundance categories (Cat.): C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information

Data quality: G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

3.3 Other important species of flora and fauna (optional)

Species				Population in the site					Motivation					
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories			
					Min	Max			C R V P	IV	V	A	B	C
R	1276	Ablepharus kitaibelii						C	X					
R	1276	Ablepharus kitaibelii						C					X	
R	1276	Ablepharus kitaibelii						C			X			
R	1243	Algyroides nigropunctatus			10000		i	C	X					
R	1243	Algyroides nigropunctatus			10000		i	C					X	
R	1243	Algyroides nigropunctatus			10000		i	C			X			

Species					Population in the site				Motivation						
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories				
					Min	Max			C	R V P	IV	V	A	B	C
R		Anguis fragilis						C						X	
R		Anguis fragilis						C			X				
A	6997	Bufotes viridis			1001	10000	i	C	X						
A	6997	Bufotes viridis			1001	10000	i	C					X		
A	6997	Bufotes viridis			1001	10000	i	C			X				
B	A136	Charadrius dubius						P							X
B	A136	Charadrius dubius						P					X		
B	A136	Charadrius dubius						P			X				
M	1363	Felis silvestris						x	X						
M	1363	Felis silvestris						x					X		
M	1363	Felis silvestris						x			X				
R	5669	Hierophis gemonensis						C						X	
R	5669	Hierophis gemonensis						C			X				
A	1203	Hyla arborea			1001	10000	i	C	X						
A	1203	Hyla arborea			1001	10000	i	C					X		
A	1203	Hyla arborea			1001	10000	i	C			X				
R	1251	Lacerta trilineata			1001	10000	i	C	X						
R	1251	Lacerta trilineata			1001	10000	i	C						X	
R	1251	Lacerta trilineata			1001	10000	i	C			X				
R		Natrix natrix						P						X	
R		Natrix natrix						P			X				
R	1269	Ophisaurus apodus						P	X						
R	1269	Ophisaurus apodus						P					X		
R	1269	Ophisaurus apodus						P			X				
A	6954	Pelophylax kurtmuelleri						C						X	
A	6954	Pelophylax kurtmuelleri						C			X				
R	6092	Platyceps najadum						C	X						
R	6092	Platyceps najadum						C						X	
R	6092	Platyceps najadum						C			X				
A	2365	Rana epeirotica						C						X	
A	2365	Rana epeirotica						C			X				
F		Syngnathus abaster						P						X	
F		Syngnathus abaster						P			X				
B	A004	Tachybaptus ruficollis						C							X
B	A004	Tachybaptus ruficollis						C					X		
B	A004	Tachybaptus ruficollis						C			X				

Species					Population in the site			Motivation							
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories				
					Min	Max		C R V P	IV	V	A	B	C	D	
R	1295	Vipera ammodytes						P	X						
R	1295	Vipera ammodytes						P					X		
R	1295	Vipera ammodytes						P			X				

Group: A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles

CODE: for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name

S: in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes

NP: in case that a species is no longer present in the site enter: x (optional)

Unit: i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))

Cat.: Abundance categories: C = common, R = rare, V = very rare, P = present

Motivation categories: **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

4. SITE DESCRIPTION

4.1 General site character

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Habitat class	% Cover
N06	2.01
N01	65.14
N23	0.56
N18	0.44
N15	4.52
N10	0.90
N04	0.44
N02	22.65
N05	0.00
N03	3.34
Total Habitat Cover	100.00000000000001

Other Site Characteristics

Although this area is treated as a separate site, in a wide sense, it could be considered as a part of an extensive wetland, together with the neighbouring sites of Amvrakikos Gulf and the lake of Voulkaria. The majority of the information regarding the habitats and flora of this site concerns the island of Lefkada and the study of its continental part (Prefecture of Aitolokarnania) is expected to increase the known biodiversity and hence the ecological significance of this site. Among the main characteristics of the site which obviously must be taken into consideration, in order to formulate appropriate management programmes, the following should be mentioned: 1) its proximity to the city of Lefkada (around 15,000 inhabitants and several thousands more during the summer); 2) its proximity to one of

the three main and more fertile regions of the island; 3) the extensive shellfish aquaculture which takes place within the site.

4.2 Quality and importance

This site is one of the most significant wetlands of the Ionian Islands and important not only for the conservation of wildlife but also for the economy of the area (approximately 15% of the population of the islands depends on fishing, farming and related activities for its income). The variety of habitats, together with the existence of a rich flora representative of both sand-dunes, salt-marshes and sand meadows and the existence of the local endemic plant taxon, *Arenaria leucadia*, are elements which support the ecological and scientific value of the site. In addition to these, we should keep in mind the role of the wetlands in relation to the conservation of the local fauna and bird migration. It should also be emphasized that the proximity of this site to another important wetland (Amvrakikos Gulf) and that these two sites should be considered probably as part of the same unique ecosystem. The site is important for wintering and passage waterbirds. A large number of waterbirds winter at the area, as it is one of the very few wetlands in Greece that hunting prohibition is practically implemented, as the lagoon is sited by the town of Lefkas. These wetlands are also notable as being important areas for a variety of migratory birds. They have been evaluated as having international importance according to the Ramsar Convention (as a part of the Amvrakikos Gulf wetlands unit). Moreover, it is a specially protected area according to the Directive 79/409/EEC, the Barcelona Convention, and Greek legislation. The invertebrate species *Zerynthia polyxena* (section 3.3, motivation C) is protected by the Bern Convention.

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
H	C03.03		b
M	D01.02		i
L	D03.01		i
H	E01		b
M	E01.01		i
M	E03		b
L	E03.01		i
M	F01		b
L	F02		b
L	F02.03		i
M	F03.01		i
H	H01		i
H	H01.05		b
M	H01.08		b
M	H03.01		b
M	F05.04		i
L	G01.03		i
M	G02.08		i
H	G05.07		i
M	H03.03		b
M	J02.05		i
M	J03.01		i
M	M01.01		b
M	M02.01		i
M	XO		o

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]

M	F01		i
L	F02.03		i

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

4.4 Ownership (optional)

No information provided

4.5 Documentation (optional)

1) GBIF.org (20th April 2015) GBIF Occurrence Download <http://doi.org/10.15468/dl.jcltub> 2) NATURA 2000 Network descriptive &&& geographical database (2012). <http://www.ypeka.gr/Default.aspx?tabid=432&&&language=el-GR> 3) Vlachos Ch., Chatzinikos E., Kiouisis D., Dimou P., Bontzorlos V., Dedousopoulou E., Braziotis S., Xenos A., Stefanou L. Birtsas P., Vlachaki D. and Kontos K. (version Coordinators) 2015. Updated version of the descriptive database of the Natura 2000 network of the Study 9 Monitoring and Evaluation of Bird Species Conservation Status in Greece Ministry of Environment, Energy and Climate Change, Athens, Partnership Consulting Firms" "F.FASOULAS-N.MANTZIOS" EU - RODOULA GEORGE KONSTANTINIDOU - "ATH.TZAKOPOULOS AND Co." EU ", Thessaloniki.

5. SITE PROTECTION STATUS

5.1 Designation types at national and regional level (optional):

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Code	Cover [%]
GR99	5.51

5.2 Relation of the described site with other sites (optional):

Designated at national or regional level:

Type code	Site name	Type	Cover [%]
GR99	Perioches Gyras kai Dimosari Lefkadas	*	5.51

5.3 Site designation (optional)

No information provided

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	MANAGEMENT BODY OF YGROTOPOI KOTYCHIOU-DASOUS STROFYLIAS
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No, but in preparation
<input checked="" type="checkbox"/>	No

6.3 Conservation measures (optional)

Study for the protection against fire of Manolada - Strofylia dunes.

7. MAP OF THE SITE

No information provided

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SITE DISPLAY

