



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 GR1270002
SITENAME OROS ITAMOS - SITHONIA

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code Back to top
B	GR1270002

1.3 Site name

OROS ITAMOS - SITHONIA

1.4 First Compilation date	1.5 Update date
1994-11	2020-07

1.6 Respondent:

Name/Organisation:	Υπουργείο Περιβάλλοντος και Ενέργειας
Address:	Αμαλιαδος 17 Αθήνα 11523
Email:	

1.7 Site indication and designation / classification dates

Date site classified as SPA:	0000-00
National legal reference of SPA designation	No data
Date site proposed as SCI:	1996-08
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

2.1 Site-centre location [decimal degrees]:

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Longitude 23.82857242700004
Latitude 40.150999486000046

2.2 Area [ha]: **2.3 Marine area [%]**

2.4 Sitelength [km]:

2.5 Administrative region code and name

NUTS level 2 code

Region Name

GR12	Κεντρική Μακεδονία / Kentriki Makedonia
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2.6 Biogeographical Region(s)

Marine

(%)














Mediterranean

Mediterranean (%)

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
1110 			108.1897034		P	A	C	B	B
1120 	X		537.3421936		P	B	C	C	C
1160 			7.212646893		P	B	C	B	B
1170 			18.03161723		P	A	C	A	B
1240 			23.002934001903306		G	B	C	B	B
1410 			4.694724110868		G	A	C	C	C
1420 			0.307915289374		G	A	C	C	C
2110 			8.453391354161		G	C	C	C	C
91E0 	X		14.23726937665		G	B	C	B	B
92C0 			36.501035410515996		G	A	C	B	B
9340 			539.873242096813		G	B	C	B	B
9530 	X		2871.6683348051		G	A	B	A	B
9540 			12208.529645960143		G	A	B	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.
A	1193	Bombina variegata			p				P	DD	C	A	C	B
R	1224	Caretta caretta	Yes		p	4	4	subadults	P	DD				
R	1279	Elaphe quatuorlineata			p				R	DD	C	A	C	B

I	1083	Lucanus cervus			p				C	P	B	B	C	B
M	1366	Monachus monachus	Yes		p			i	V	M	B	C	C	B
R	1219	Testudo graeca			p				P	DD	C	A	C	B
R	1217	Testudo hermanni			p				R	DD	C	A	C	B
M	1349	Tursiops truncatus			p				P	DD	D			

- **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	D
R		Anguis fragilis						C					X	
R		Anguis fragilis						C			X			
A	6997	Bufo viridis						P	X					
A	6997	Bufo viridis						P			X			
A	6997	Bufo viridis						P					X	
P		Campanula trachelium						P				X		
M	1353	Canis aureus						R			X			
M	1353	Canis aureus						R		X				
M	1352	Canis lupus			7		i	C		X				
M	1352	Canis lupus			7		i	C					X	
M	1352	Canis lupus			7		i	C			X			
P		Celtis occidentalis						P						X
R	6138	Dolichopus caspius						C			X			
R	6138	Dolichopus caspius						C					X	
R	6138	Dolichopus caspius						C	X					
R	1277	Eryx jaculus						P					X	
R	1277	Eryx jaculus						P			X			
R	1277	Eryx jaculus						P	X					
M	1363	Felis silvestris						C			X			
M	1363	Felis silvestris						C					X	
M	1363	Felis silvestris						C	X					
P		Genista tinctoria						P						X
R	1251	Lacerta trilineata				10000	i						X	
R	1251	Lacerta trilineata				10000	i		X					
R	1251	Lacerta trilineata				10000	i				X			
R	1263	Lacerta viridis						C	X					
R	1263	Lacerta viridis						C					X	

R	1263	Lacerta viridis						C			X			
I	1027	Lithophaga lithophaga	Yes					P	X					
I	1027	Lithophaga lithophaga	Yes					P					X	
P		Malcolmia macrocalyx						C				X		
M	1322	Myotis nattereri	Yes					P					X	
M	1322	Myotis nattereri	Yes					P			X			
M	1322	Myotis nattereri	Yes					P	X					
R		Natrix natrix						C			X			
R		Natrix natrix						C					X	
R	1292	Natrix tessellata						C					X	
R	1292	Natrix tessellata						C	X					
R	1292	Natrix tessellata						C			X			
P		Neotinea maculata						P					X	
R	1269	Ophisaurus apodus						P			X			
R	1269	Ophisaurus apodus						P					X	
R	1269	Ophisaurus apodus						P	X					
I	1028	Pinna nobilis						P					X	
I	1028	Pinna nobilis						P			X			
I	1028	Pinna nobilis						P	X					
M	2016	Pipistrellus kuhlii						P					X	
M	2016	Pipistrellus kuhlii						P	X					
M	2016	Pipistrellus kuhlii						P			X			
M	1309	Pipistrellus pipistrellus			10	500	i						X	
M	1309	Pipistrellus pipistrellus			10	500	i		X					
M	1309	Pipistrellus pipistrellus			10	500	i				X			
R	1256	Podarcis muralis				10000	i				X			
R	1256	Podarcis muralis				10000	i		X					
R	1256	Podarcis muralis				10000	i						X	
R	1248	Podarcis taurica				10000	i		X					
R	1248	Podarcis taurica				10000	i				X			
R	1248	Podarcis taurica				10000	i						X	
P		Posidonia oceanica						P					X	
A	1209	Rana dalmatina						C			X			
A	1209	Rana dalmatina						C	X					
A	1209	Rana dalmatina						C					X	
A	2351	Salamandra salamandra						C					X	
A	2351	Salamandra salamandra						C			X			
M	1333	Tadarida teniotis						P	X					
M	1333	Tadarida teniotis						P					X	
M	1333	Tadarida teniotis						P			X			
R	1289	Telescopus fallax						R					X	
R	1289	Telescopus fallax						R			X			
R	1289	Telescopus fallax						R	X					
R		Typhlops vermicularis						R					X	
R		Typhlops vermicularis						R			X			

R	6091	Zamenis longissimus						C	X				
R	6091	Zamenis longissimus						C			X		
R	6091	Zamenis longissimus						C				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
N17	82.12
N01	5.17
N23	0.88
N15	7.04
N05	0.13
N16	0.28
N04	0.05
N18	4.33
Total Habitat Cover	100

Other Site Characteristics

The site is located on the north-east part of the Sithonia peninsula. The littoral zone is covered with calcareous and schistolithic plates. Beaches are not exposed to winds and particular flora develops. The sea bed declines smoothly and the Posidonia beds reach 15 m and cover a quite large area. On the rocky sea bed zones of Cystoseira (C. crinita, C. discors) grow and the sciophilous species dominate. In 1-2 m depth, populations of Cymodocea nodosa are found, where the substrate is sandy and muddy. Four important pines characterize the forest of Sithonia Peninsula. Pinus halepensis and Pinus nigra var. palassiana are the most common. There are also two less significant pines (Pinus pinea and Pinus maritima). The hardwoods are very scarce. Forest of Platanus orientalis, Alnus glutinosa, Salix sp. and Populus sp. is located primarily along the river systems. Smaller isolated units are found along swamps and streams throughout the mountainous area. At somewhat high elevations, in black pine belt, a few trees of Taxus baccata appear. The older of them has a diameter of 1,2 m and it is estimated to be 2000 years old.

4.2 Quality and importance

The site combines sea and mountain. The mountain is covered by coniferous forests, and it possesses impressive landscape features including steep slopes, rock formations, streams and unique species of flora and fauna. This is an important area for breeding birds of prey. The bay of Vourvourou is an area of great habitat variety. Cystoseira communities form zones in the sublittoral zone (typical vegetation-zonation of Mediterranean). Skiophilous species of Rhodophyceae dominate the area. Posidonia beds do not reveal particular degradation and present a high density population forming an important congregation with rich flora and fauna. The gum that flows from wounded pines is used in naval stores production to make resin and turpentine. Formerly the raw gum was burned to make the pitch and tar used in shipbuilding (and thus it is called naval stored). Today the principal products are turpentine, which comes from distillation of the crud gum and resin which is the residue. The area is very popular. The rock formations on the south and west part of peninsula are perceptible component of the forest scene by creating favourable habitats for birds and small animals at roadside parks, rest areas, and picnic sites and for larger species in glades, marshes or forest openings visible for the road. Concerning the wild growing plants the quality of the site is indicated by the occurrence of other important taxa. There have also been recorded ten reptile species and two amphibians of Annex IV.

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				Positive Impacts			
Rank	Threats and pressures	Pollution (optional)	inside/outside	Rank	Activities, management	Pollution (optional)	inside /outside

	[code]	[code]	[i o b]
L	A09		i
M	G01.01		o
M	A04		i
L	E06.02		l
H	M02.01		b
M	F02		b
L	E06.01		l
L	D02.01		i
L	I01		b
H	J01		o
M	H03.01		b
M	X		b
L	F02.03		i
H	M01.01		b
H	F03.01		l
L	G05.07		l
M	A08		o
H	H03.03		b
H	J03.01		b
M	J01		i
M	F02.03.03		b
M	D01.01		i
L	E01		l
M	D01.02		l
L	A01		i
H	F03.02.03		l
L	D03.02		o
M	L09		i
M	I02		b
M	H01		i
M	A01		o
M	H01.03		i
H	K03.06		l
L	A08		i
L	H01.05		b
H	G05.07		b
M	A09		o
M	I03.01		l
M	E03.01		i
H	F01.01		i
H	A04		o
H	G02.08		o
L	D03.02		i
M	J03.01.01		l
L	E03.01		i
L	E01.03		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

	[code]	[code]	[i o b]
M	D01.01		i
L	U		b
M	J01		i
L	A01		i
L	D03.02		o
L	A09		i
M	A08		o
M	A01		o
L	E03.01		i
M	A09		o
L	A08		i

4.4 Ownership (optional)

4.5 Documentation

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
GR95	48.07475				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
GR95	Dragoudeliou kai Karra Dimon Sithonias kai Toronis	*	48.0748734918

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	FOREST SERVICE OF POLYGYROS
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)

7. MAP OF THE SITES