



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 IT9310303
SITENAME Pollino e Orsomarso

TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
A	IT9310303	

1.3 Site name

Pollino e Orsomarso

1.4 First Compilation date	1.5 Update date
2005-11	2022-12

1.6 Respondent:

Name/Organisation:	Regione Calabria - Dipartimento Ambiente e Territorio - Settore Parchi ed Aree Naturali Protette
Address:	Cittadella Regionale, Località Germaneto 88100 - Catanzaro
Email:	parchi.ambienteterritorio@regione.calabria.it

1.7 Site indication and designation / classification dates

Date site classified as SPA:	2005-05
National legal reference of SPA designation	No data

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

[Back to top](#)

Longitude	Latitude
16.119229	39.803052

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

94145.0	0.0
---------	-----

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITF6	Calabria
------	----------

2.6 Biogeographical Region(s)

Mediterranean (100.0 %)

3. ECOLOGICAL INFORMATION

[Back to top](#)

3.1 Habitat types present on the site and assessment for them

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
3140🟡						B	C	B	B
3150🟡						B	C	B	B
3260🟡						C	C	B	B
3280🟡						C	C	B	B
5210🟡						B	C	B	B
5230🟡						B	C	B	B
5330🟡						A	C	C	B
6210🟡						A	C	A	A
6220🟡						A	C	A	B
6510🟡						B	C	B	B
7220🟡						B	C	A	A
8130🟡						C	C	A	B
8210🟡						A	C	A	A
9180🟡						C	C	B	B
91AA🟡						B	C	B	B
91E0🟡						C	C	C	C
91M0🟡						B	C	B	B
9220🟡						B	C	A	A
92A0🟡						B	C	A	A
9340🟡						A	C	A	B
9530🟡						B	C	B	B
95A0🟡						A	B	A	A

- **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	
									D.		

G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	qual.	A B C D	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.
F	1120	Alburnus albidus			p				P	DD	C	B	B	B
B	A109	Alectoris graeca			p				P	DD	C	C	B	C
B	A091	Aquila chrysaetos			p	3	4	p		G	B	B	C	C
B	A773	Ardea alba			c				P	DD	C	B	C	B
M	1308	Barbastella barbastellus			p				V	DD	C	B	C	B
B	A215	Bubo bubo			p	2	4	p		G	B	B	C	C
B	A133	Burhinus oedicnemus			p				P	DD	C	B	C	B
M	1352	Canis lupus			p				P	DD	C	B	C	B
B	A224	Caprimulgus europaeus			r				P	DD	C	B	C	B
B	A031	Ciconia ciconia			c				P	DD	C	B	C	B
B	A030	Ciconia nigra			c				P	DD	C	B	C	B
B	A080	Circetus gallicus			r	1	3	i		G	B	B	C	C
B	A081	Circus aeruginosus			c				P	DD	C	B	C	B
B	A082	Circus cyaneus			w	2	6	i		G	C	B	C	B
I	1047	Cordulegaster trinacriae			p				P	DD	D			
B	A236	Dryocopus martius			p				P	DD	C	B	C	B
R	1279	Elaphe quatuorlineata			p				P	DD				
R	1220	Emys orbicularis			p				P	DD	B	A	C	A
B	A101	Falco biarmicus			p	2	2	p		G	C	B	C	C
B	A103	Falco peregrinus			p	26	35	p		G	A	B	C	C
B	A097	Falco vespertinus			c				P	DD	C	B	C	B
B	A321	Ficedula albicollis			r				P	DD	C	B	B	C
B	A127	Grus grus			c				P	DD	C	B	C	B
B	A092	Hieraetus pennatus			c	10	10	i		G	C	B	C	B
P	4104	Himantoglossum adriaticum			p				P	DD	C	B	A	B
B	A338	Lanius collurio			r				P	DD	C	B	C	B
B	A341	Lanius senator			r				P	DD	C	C	C	C
B	A868	Leopicus medius			p				P	DD	C	B	C	C
B	A246	Lullula arborea			p				P	DD	C	B	C	B
M	1355	Lutra lutra			p				P	DD	C	B	C	B
I	1062	Melanargia arge			p				C	DD	D			
B	A073	Milvus migrans			w	30	30	i		G	B	B	C	C
B	A073	Milvus migrans			p	10	20	p		G	B	B	C	C
B	A074	Milvus milvus			w	270	350	i		G	A	B	C	B
B	A074	Milvus milvus			p	29	35	p		G	A	B	C	B
M	1310	Miniopterus schreibersii			p				R	DD	C	B	C	B
M	1307	Myotis blythii			p				P	DD	D			
M	1321	Myotis emarginatus			p				P	DD	D			
M	1324	Myotis myotis			p				P	DD	D			
B	A077	Neophron percnopterus			c				P	DD	C	B	C	B
B	A072	Pernis apivorus			c	500	500	i		G	D			
B	A072	Pernis apivorus			r	2	4	p		G	D			
B	A267	Prunella collaris			c				P	DD	C	B	C	B
B	A372	Pyrrhula pyrrhula			p				P	DD	C	B	C	C

M	1305	Rhinolophus euryale			r				P	DD	C	B	C	B
M	1304	Rhinolophus ferrumequinum			r				P	DD	C	B	C	B
M	1303	Rhinolophus hipposideros			r				P	DD	C	B	C	B
F	1136	Rutilus rubilio			p				C	DD	C	B	C	B
A	1175	Salamandrina terdigitata			p				P	DD	C	B	B	B
P	1883	Stipa austroitalica			p				P	DD	C	B	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	D
P		Androsace villosa L.						R			X			
F		Anguilla anguilla						R			X		X	
P		Athamanta ramosissima Port.						R			X			
A		Bufo bufo						P					X	
M		Capreolus capreolus italicus						P			X			
P		Dianthus guliae Janka						V				X		
M	1342	Dryomys nitedula						P	X					
M	1327	Eptesicus serotinus						P	X		X		X	
M	1363	Felis silvestris						P	X		X		X	
P		Gentiana verna L. subsp. verna						R			X			
P		Gentianella columnae (Ten.) Holub						R			X	X		
P		Gentianella crispata (Vis.) Holub						V			X	X		
A	5358	Hyla intermedia						P	X			X	X	
M	5365	Hypsugo savii						C	X				X	
A	6956	Lissotriton italicus						C	X			X	X	
M	1357	Martes martes						P		X			X	
M	1341	Muscardinus avellanarius						P	X				X	
M	1314	Myotis daubentonii						P	X				X	
M	1331	Nyctalus leisleri						P	X		X		X	
P		Ophrys insectifera L.						R			X		X	

P		Ophrys lacaitae Lojac.						R			X		X	
P		Paeonia peregrina Mill.						R			X			
A	6976	Pelophylax esculentus						P		X				
M	2016	Pipistrellus kuhlii						P	X				X	
M	1309	Pipistrellus pipistrellus						P	X				X	
M	5009	Pipistrellus pygmaeus						P	X				X	
P		Plantago media L. subsp. brutia (Ten.) Arcang.						C				X		
R	1250	Podarcis siculus						C	X				X	
P		Pulsatilla alpina (L.) Delarbrea subsp. millefoliata (Bertol.) D. M.Moser						V			X			
A	1209	Rana dalmatina						C	X			X	X	
A	1206	Rana italica						C	X			X	X	
P		Saxifraga aizoides L.						V			X			
P		Saxifraga callosa Sm. subsp. callosa						R			X			
P		Saxifraga paniculata Mill.						R			X			
M		Sciurus meridionalis						P				X		
R		Staphylea pinnata						R						X
M	1333	Tadarida teniotis						P	X				X	
R		Tarentola mauritanica						P					X	
R	5369	Zamenis lineatus						R	X			X	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

[Back to top](#)

Habitat class	% Cover
N23	0.55
N14	0.53
N16	37.2
N27	5.07
N06	0.03
N09	13.22
N21	0.58
N18	13.07
N17	2.71
N12	5.82

N22	1.78
N15	2.69
N08	10.7
N19	6.05
Total Habitat Cover	100.00000000000001

Other Site Characteristics

Vasta area montuosa degli Appennini Meridionali a cavallo tra Calabria e Basilicata molto importante per i rapaci. Il perimetro della ZPS corrisponde con quello del Parco Nazionale del Pollino che comprende tutte le zone più importanti per le specie per le quali è stata individuata la ZPS stessa. Territorio aspro con rupi calcaree di quota medio-alta con pascoli e zone spesso molto innevate. Sistema di valli boscate su calcare del piano montano e pascoli steppici e stagni perenni. Cime montuose con boschi mesofili e torrenti montani. Bacini idrografici ottimamente conservati. Lunghe valli fluviali incassate che si aprono a formare ampie aree alluvionali.

4.2 Quality and importance

Presenza di *Pinus leucodermis*. Zone dei valloni maturi e molto originali. Importanti zone di piante endemiche ed orchidee. Siti riproduttivi di *Triturus carnifex* e *Bombina variegata*. Aree ornitologiche di elevatissimo valore per la nidificazione di specie rapaci diurne e notturne. Presenza di nuclei di lupo e di capriolo appenninico. Ambienti fluviali ricchi di boschi ripari e foreste di macchia.

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]
M	D01		b
L	K02.01		b
L	D01.02		b
L	A04.01		b
L	E01		b
H	J02		b
L	B02.04		b
L	F06		b
M	H05.01		b
L	B01.02		b
L	B02.01		b
L	M01		b
L	A04		b
L	K01.03		b
H	L05		b
L	K01.01		b
M	J01.01		b
L	F03.02.03		b
L	B02		b

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

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

4.4 Ownership (optional)

4.5 Documentation

Regione Calabria - Dipartimento Ambiente e Territorio. Revisione e aggiornamento dei formulari realizzati nell'ambito del progetto "Mappatura e censimento di habitat e specie" - Finanziato con fondi FESR - POR Calabria 2014-20120 - Azione 6.5.A.1 - ATI CESBIN/STUDIO HYLA (2018). Servizi relativi alla macro area "Reptilia-monitoraggio dei rettili". Progetto di monitoraggio di RN2000 del versante calabro del Parco Nazionale del Pollino. -I. Bernabò, G. Gervasio, F. Crispino, 2018. Relazione conclusiva "Progetto di sistema di monitoraggio delle specie di ambiente umido ed acquatico nel Parco Nazionale del Pollino" (CUP D45I17000050001 -Cig Z551F64CD6). - Attività di monitoraggio (2015-2017) svolte nell'ambito del PANLIFE - LIFE13 NAT/IT/001075 (Rilevatore Emilio Sperone)Dati fototrappolaggio ente PN del Pollino (2017-2018) Dati Parco Nazionale del Pollino 2018Indagini Ente PN Pollino; AA.VV. 2016. Progetto convivere con il lupo: conoscere per preservare. La tutela del lupo nell'Appennino meridionale. Il sistema dei Parchi nazionali dell'Appennino meridionale per lo sviluppo di misure coordinate di protezione per il Lupo. Relazione finale.Serroni P., Sangiuliano A., Cascini V., Poerio L. 2018"Gestione dei sistemi di foto/video trappolaggio e

monitoraggio faunistico nel Parco Nazionale del Pollino”. Ente PN del PollinoSTERNA soc coop arl (2018) Servizio MAMMALIA - Monitoraggio Micromammiferi. Progetto di monitoraggio della rete natura 2000 del versante calabro del Parco Nazionale del Pollino - "Sviluppo di un sistema nazionale delle ZPS sulla base della rete delle IBA (Important Bird Areas)" - Relazione finale, LIPU- BirdLife Italia, 2004.Progetto Bioitaly (Programma LIFE Natura 1994), Regione Calabria, 1997Piante vascolari:Avena G.C., Bruno F., 1974. Lineamenti della vegetazione del Massiccio del Pollino (Appennino Calabro-Lucano). Not. Fitosoc., 10:131-158.Bernardo L., 1996. Segnalazioni floristiche italiane 837-842. Inform. Bot. Ital., 28(2): 267-270.Bonin G., 1978. Premiere contibution à l'etude des pelouses mesophiles et des groupements hygrophiles du Monte Pollino (Calabre). Phytion (Austria), 14(3-4):271-280.Bonin G., 1978. Contibution a la connaissance de la vegetation des montagnes de l'Appennin Centro-Meridional. These Doctorat, Marseille.Brullo S., Spampnato G., 2003. La classe Asplenietea trichomanis in Calabria (Italia meridionale). Fitosociologia, 40(1):5-22.Conti F., Manzi A., Pedrotti F., 1992. Libro rosso delle piante d'Italia. WWF Italia, Roma.Conti F., Manzi A., Pedrotti F., 1997. Liste rosse regionali delle piante d'Italia. WWF Italia-Società Botanica Italiana, Camerino.Di Pietro R., Izco J., Blasi C., 2004. Contibution to the knowledge of Fagus sylvatica woodlands of southern Italy. Plant Biosyst., 138(1):27-36.Gargano D., Bernardo L., 2006. Defining population structure and environmental suitability for the conservation of Pinus Leucodermis Antoine in central Mediterranean areas. Plant Biosyst., 140(3): 245-254.Maiorca G., Spampinato G., 1994. The vascular flora of the Argentino River Valley, a natural reserve in NW Calabria (Italy). Flora Medit., 4:49-100.Maiorca G., Spampinato G., 1999. La vegetazione della Riserva Naturale Orientata Valle del Fiume Argentino (Calabria Nord-Occidentale). Fitosociologia, 36(2):15-60.Peruzzi L., Gargano D., 2004. Considerazioni biosintetiche e conservazionistiche su Athamantha ramosissima Portenschl. (Apiaceae). Inform. Bot. Ital. 36(1): 41-47.Peruzzi L., Gargano D., 2006 (2002). Biosystematics aspects and distribution of Plantago brutia Ten. (Plantaginaceae) an endemic unit of Southern Italy. Arc. Geomot., 8(1-2):35-48Stanisci A., 1997. Gli arbusteti altomontani dell'Appennino centrale e meridionale. Fitosociologia, 34:3-46.Tomaselli M., Bernardo L., Passalacqua N., 2003. The vegetation of the Ranunculo-Nardion in the Southern Apennines (S-Italy). Phytion, 43(1):39-57.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level: [Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT01	100.0				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT01	Parco Nazionale del Pollino	-	100.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management: [Back to top](#)

6.2 Management Plan(s):

An actual management plan does exist:

☐ Yes

☒ No, but in preparation

☐ No

6.3 Conservation measures (optional)

7. MAP OF THE SITES

[Back to top](#)
INSPIRE ID:

Map delivered as PDF in electronic format (optional)

☐ Yes

☒ No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

131 I° NE - 131 I° S 1:25000 Gauss-Boaga