



# 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 ITA040007  
SITENAME Pizzo della Rondine, Bosco di S. Stefano Quisquina

## 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

<b>1.1 Type</b> B	<b>1.2 Site code</b> ITA040007	<a href="#">Back to top</a>
----------------------	-----------------------------------	-----------------------------

### 1.3 Site name

Pizzo della Rondine, Bosco di S. Stefano Quisquina

<b>1.4 First Compilation date</b> 1998-06	<b>1.5 Update date</b> 2019-12
--	-----------------------------------

### 1.6 Respondent:

**Name/Organisation:** Regione Siciliana Ass.to Territorio e Ambiente Servizio 4°  
**Address:** Via Ugo La Malfa 169 - 90146 Palermo  
**Email:**

### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	0000-00
<b>National legal reference of SPA designation</b>	No data
<b>Date site proposed as SCI:</b>	1995-09
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	2015-12
<b>National legal reference of SAC designation:</b>	DM 21/12/2015 - G.U. 8 del 12-01-2016

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

[Back to top](#)

**Longitude** 13.521111      **Latitude** 37.601111

**2.2 Area [ha]:** 3160.0      **2.3 Marine area [%]:** 0.0

### 2.4 Sitelength [km]:

0.0

### 2.5 Administrative region code and name

<b>NUTS level 2 code</b>	<b>Region Name</b>
--------------------------	--------------------

## 2.6 Biogeographical Region(s)

Mediterranean (100.0  
%)

## 3. ECOLOGICAL INFORMATION

### 3.1 Habitat types present on the site and assessment for them

[Back to top](#)

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
5330			369.44		M	C	C	C	C
6220			372.99		M	C	C	C	C
6510			118.24		P	D			
8130			37.86		M	B	C	A	B
8210			8.46		M	A	C	A	A
91AA			126.03		M	B	A	B	B
92A0			1.0		M	C	C	C	C
9340			152.93		M	A	C	B	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	A247	<a href="#">Alauda arvensis</a>			r				P	DD	C	C	A	B
B	A413	<a href="#">Alectoris graeca whitakeri</a>			p				P	DD	C	B	C	B
B	A255	<a href="#">Anthus campestris</a>			r				P	DD	C	B	C	B
B	A091	<a href="#">Aquila chrysaetos</a>			p				P	DD	C	A	B	A
P	1757	<a href="#">Aster sorrentinii</a>			p				R	DD	C	B	B	B
B	A243	<a href="#">Calandrella brachydactyla</a>			r				P	DD	C	B	C	B
B	A224	<a href="#">Caprimulgus europaeus</a>			c				P	DD	C	C	C	B
B	A084	<a href="#">Circus pygargus</a>			c				P	DD	D			
B	A231	<a href="#">Coracias garrulus</a>			r				P	DD	C	B	C	B
B	A113	<a href="#">Coturnix coturnix</a>			r				P	DD	C	C	A	B
P	1468	<a href="#">Dianthus rupicola</a>			p				R	DD	C	A	B	A
R	5370	<a href="#">Emys trinacris</a>			p				R	DD	C	B	B	B
B	A101	<a href="#">Falco biarmicus</a>			p				P	DD	C	B	C	B
B	A095	<a href="#">Falco naumanni</a>			c				P	DD	B	B	C	B
B	A103	<a href="#">Falco peregrinus</a>			p				R	DD	B	B	C	B
B	A321	<a href="#">Ficedula albicollis</a>			c				P	DD	C	B	C	B
B	A093	<a href="#">Hieraetus fasciatus</a>			p				P	DD	A	B	C	B
B	A251	<a href="#">Hirundo rustica</a>			r				P	DD	C	C	C	B
B	A233	<a href="#">Jynx torquilla</a>			r				P	DD	C	C	B	B
B	A339	<a href="#">Lanius minor</a>			r				P	DD	C	C	A	B
B	A341	<a href="#">Lanius senator</a>			r				P	DD	C	C	B	B
B	A246	<a href="#">Lullula arborea</a>			p				P	DD	C	B	C	B
B	A242	<a href="#">Melanocorypha calandra</a>			p				P	DD	C	B	C	B
B	A073	<a href="#">Milvus migrans</a>			p				P	DD	A	B	A	B
B	A077	<a href="#">Neophron percnopterus</a>			r				R	DD	B	B	A	A
B	A278	<a href="#">Oenanthe hispanica</a>			c				P	DD	D			
B	A210	<a href="#">Streptopelia turtur</a>			r				P	DD	C	C	B	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		<a href="#">Aceras anthropophorum</a>						R					X	
I		<a href="#">Acinipe calabra</a>						P				X		
I		<a href="#">Alphasida grossa sicula</a>						P				X		
P		<a href="#">Anacamptis pyramidalis</a>						C					X	
P		<a href="#">Anthemis cupaniana</a>						R				X		
P		<a href="#">Anthirrinum siculum</a>						C				X		
P		<a href="#">Athamanta sicula</a>						R						X
P		<a href="#">Barlia robertiana</a>						C					X	
I		<a href="#">Bryaxis siculus</a>						R				X		
A		<a href="#">Bufo siculus (B. viridis)</a>						P				X		
B		<a href="#">Buteo buteo</a>						R					X	
I		<a href="#">Calathus solieri</a>						R						X
I		<a href="#">Carabus (Chaetocarabus) lefebvrei lefebvrei</a>						R				X		
P		<a href="#">Celtis tournefortii (C. aetnensis)</a>						V			X			
R	1274	<a href="#">Chalcides ocellatus</a>						P	X					
P		<a href="#">Colchicum bivonae</a>						C				X		
R	1283	<a href="#">Coronella austriaca</a>						P	X					
B		<a href="#">Corvus corax</a>						P			X			
P		<a href="#">Crocus longiflorus</a>						C				X		
A	1189	<a href="#">Discoglossus pictus</a>						P	X					
P		<a href="#">Erysimum bonannianum</a>						R				X		
P		<a href="#">Euphorbia ceratocarpa</a>						C				X		
I		<a href="#">Eusphalerum sicanum</a>						R				X		
M	1363	<a href="#">Felis silvestris</a>						R	X					
I		<a href="#">Haplophthalmus avolensis</a>						R				X		
R		<a href="#">Hyla intermedia</a>						V			X			
M	1344	<a href="#">Hystrix cristata</a>						P	X					
P		<a href="#">Iris pseudopumila</a>						C				X		
R		<a href="#">Lacerta bilineata</a>						P			X			
P		<a href="#">Lavatera agrigentina</a>						R				X		
I		<a href="#">Leptobium siculum</a>						R				X		
M		<a href="#">Lepus corsicanus</a>						P				X		
M	1357	<a href="#">Martes martes</a>						R		X				
I		<a href="#">Melanargia pherusa</a>						V				X		
I		<a href="#">Ocypus aethiops luigionii</a>						R				X		
P		<a href="#">Ophrys fusca</a>						C					X	
P		<a href="#">Ophrys grandiflora (O. tenthredinifera)</a>						P				X		
P		<a href="#">Ophrys lutea</a>						P					X	
P		<a href="#">Ophrys speculum</a>						P					X	
P		<a href="#">Orchis brancifortii</a>						P				X		
P		<a href="#">Orchis italica</a>						C					X	
P		<a href="#">Orchis laxiflora</a>						P					X	
P		<a href="#">Orchis longicornu</a>						C					X	

P		<a href="#">Orchis papilionacea</a>						P					X	
I		<a href="#">Pachypus caesus</a>						R			X			
I		<a href="#">Paederus ragusai</a>						R				X		
I		<a href="#">Pedius siculus</a>						R				X		
I		<a href="#">Percus corrugatus</a>						R				X		
I		<a href="#">Phyllodromica tyrrhenica</a>						R				X		
P		<a href="#">Physospermum verticillatum</a>						R						X
R	1244	<a href="#">Podarcis wagleriana</a>						P	X					
I		<a href="#">Pselaphostomus globiventris</a>						R				X		
I		<a href="#">Pseudomasoreus canigoulensis</a>						R						X
I		<a href="#">Quedius magniceps</a>						R				X		
P		<a href="#">Scabiosa cretica</a>						R						X
P		<a href="#">Serapias vomeracea</a>						P					X	
P		<a href="#">Sorbus torminalis</a>						C						X
I		<a href="#">Tasgius falcifer aliquoi</a>						P				X		
I		<a href="#">Tasgius globulifer evitendus</a>						P				X		
I		<a href="#">Tasgius pedator siculus</a>						P				X		
P		<a href="#">Trifolium brutium</a>						R						X
R		<a href="#">Zamenis lineatus</a>						R				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
N21	8.0
N09	35.0
N12	10.0
N22	10.0
N23	2.0
N20	5.0
N06	5.0
N08	10.0
N19	15.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

L'area del SIC ricade nei comuni di Cammarata e S. Stefano di Quisquina. Sotto l'aspetto geologico nel sito si riscontrano successioni sedimentarie marine legate ad una vasta area denominata Bacino Sicano, successivamente soggetta a deformazioni neogeniche che hanno originato formazioni montuose costituite da rocce calcaree alternate ad argille e marne, datate dal Triassico medio all'Oligocene. Nella parte meridionale si estendono invece colline formate per lo più da rocce sedimentarie riferibili alle evaporiti del Messiniano. Il bioclimate è Mesomediterraneo inferiore subumido superiore con temperatura media annua di 17°C, precipitazioni medie annue 826 mm. La vegetazione forestale è costituita prevalentemente da boschi misti a dominanza di leccio e roverella (Quercion ilicis), la cui composizione floristica è determinata dalle caratteristiche climatiche ed edafiche delle stazioni. Frammentari sono anche aspetti di vegetazione legnosa arbustiva più o meno degradata a Crataegus laciniata, C. monogyna, Pyrus amygdaliformis, ecc. Lungo i corsi d'acqua sono segnalate comunità ripariali a pioppi, salici, e frassini. Sono inoltre presenti ampie aree occupate da vegetazione erbacea steppica, nitrofila o ruderale, legata sia all'abbandono colturale che al pascolo ed agli incendi. Sui versanti soggetti a fuoco e pascolo si estendono inoltre praterie ad Ampelodesmos mauritanicus, caratterizzate da un ricco corteggio floristico. Su litosuoli ed affioramenti rocciosi è presente una gariga a dominanza di Thymus spinulosus. Sui calanchi si riscontrano comunità di argille saline, a cui partecipano specie di interesse geobotanico quali Aster sorrentinii e Lavatera agrigentina.

### 4.2 Quality and importance

In relazione alla diversificazione geo-pedologica la flora e vegetazione sono piuttosto varie. Nel comprensorio sono state censite oltre 600 specie di piante vascolari. Tra queste alcune presentano interesse fitogeografico, come Celtis tournefortii, Trifolium brutium, Anthemis cupaniana, Aster sorrentinii, ecc (sezioni 3.3: A, B, D). Il sito presenta una ben diversificata fauna comprendente molte specie di vertebrati rari e/o minacciati, soprattutto falconiformi.

### 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			
	Threats and	Pollution	inside/outside

Positive Impacts			
	Activities,	Pollution	inside

Rank	pressures [code]	(optional) [code]	[i o b]
M	B03		i
L	E03		b
L	E05		b
H	B06		i
M	E06		b
H	G01.03		i
L	B05		i
M	E04		i
H	B02		i
M	F03		i
L	B04		i
L	E02		o
M	B07		i
M	E01		b
H	J01.01		i

Rank	management [code]	(optional) [code]	/outside [i o 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

#### 4.4 Ownership (optional)

#### 4.5 Documentation

AA.VV., 2004 - Il contributo dei Parchi e delle Riserve Naturali alla conservazione della natura in Sicilia - Naturalista sicil., Vol. XXVIII: 810 pp. BULGARINI F., CALVARIO E., FRATICELLI F., PETRETTI F. & SARROCCO S. (Eds), 1998 - Libro Rosso degli Animali d'Italia. Vertebrati - WWF Italia, Roma. CERFOLLI F., PETRASSI F. & PETRETTI F. (Eds), 2002 - Libro Rosso degli Animali d'Italia. Invertebrati - WWF Italia, Roma. GRIMMETT R.F.A & JONES T.A., 1989 - Important Bird Area in Europe - ICBP Technical Publication N.9, 900 pp. IAPICHINO C. & MASSA B., 1989 - The Birds of Sicily - B.O.U. Checklist n.11, London. LO VALVO F., 1998 - Status e conservazione dell'erpetofauna siciliana - Naturalista sicil., XXII: 53-71. LO VALVO M., MASSA B. & SARÀ M., 1993 - Uccelli e paesaggio in Sicilia alle soglie del terzo millennio - Naturalista sicil., XVII:1-376. MARCENÒ C., COLOMBO P., PRINCIOTTA R., 1985 - Ricerche climatologiche e botaniche sui >Monti Sicani (Sicilia centro-occidentale): la flora - Naturalista Sicil., ser. IV, 8 (suppl.): 69-133. RIGGIO S. & MASSA B., 1975 - Problemi di conservazione della natura in Sicilia. 1° contributo per un'analisi della degradazione ambientale ed elenco delle aree dell'isola di maggiore interesse naturalistico. - Atti IV Simp. naz. Conserv. Natura, Bari, 2: 299-425. SOCIETAS HERPETOLOGICA ITALICA, 1996 - Atlante provvisorio degli Anfibi e Rettili italiani - Annali Mus. Civ. St. nat. G.Doria, Genova, 91: 95-178. TROIA A., MANCUSO V., ILARDI V., 2001 - Natura e storia del territorio del G.A.L. "Quisquina" - Programma Leader II P.A.L. "Quisquina", 185 pp.

### 5. SITE PROTECTION STATUS (optional)

#### 5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT05	40.0	IT13	7.0		

#### 5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT05	R.N.O. Monte Cammarata		

#### 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:

<input checked="" type="checkbox"/>	Yes	Name: Piano di gestione Monti Sicani decreto n. 346 del 24/06/2010 Link:
<input type="checkbox"/>	No, but in preparation	
<input type="checkbox"/>	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).

61120 1:10000 UTM32N WGS84