



# 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 ITA010013  
SITENAME Bosco di Calatafimi

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> ITA010013	<a href="#">Back to top</a>
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### 1.3 Site name

Bosco di Calatafimi

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

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**Longitude** 12.882609      **Latitude** 37.942028

**2.2 Area [ha]:** 241.0      **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

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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
3170 <b>F</b>			0.1		P	D			
5330 <b>F</b>			0.97		M	C	C	B	C
6220 <b>F</b>			25.75		M	C	C	C	B
91AA <b>F</b>			21.43		M	B	C	B	B
92A0 <b>F</b>			0.1		P	D			
9330 <b>F</b>			145.3		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	A413	<a href="#">Alectoris graeca whitakeri</a>			p				P	DD	D			
B	A243	<a href="#">Calandrella brachydactyla</a>			r				P	DD	D			
B	A103	<a href="#">Falco peregrinus</a>			p				P	DD	D			
B	A341	<a href="#">Lanius senator</a>			c				P	DD	D			
B	A242	<a href="#">Melanocorypha calandra</a>			p				P	DD	D			
P	1905	<a href="#">Ophrys lunulata</a>			p				V	DD	B	B	C	C
B	A155	<a href="#">Scolopax rusticola</a>			w				P	DD	D			
B	A210	<a href="#">Streptopelia turtur</a>			c				P	DD	D			
R	1217	<a href="#">Testudo hermanni</a>			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
P		<a href="#">Ambrosinia bassii</a>							R			X			
P		<a href="#">Barlia robertiana</a>							C					X	
P		<a href="#">Biscutella maritima</a>							C				X		
A		<a href="#">Bufo siculus</a>							P					X	
P		<a href="#">Carlina sicula subsp. sicula</a>							C				X		
P		<a href="#">Convolvulus tricolor subsp. cupanianus</a>							R						X

P		<a href="#">Crepis sprengeli (= Crepis spathulata)</a>						R			X			
P		<a href="#">Crocus longiflorus</a>						R				X		
P		<a href="#">Cyclamen hederifolium</a>						R					X	
P		<a href="#">Cyclamen repandum</a>						R					X	
A	1189	<a href="#">Discoglossus pictus</a>						R	X					
P		<a href="#">Eryngium bocconeii</a>						V				X		
P		<a href="#">Euphorbia ceratocarpa</a>						C				X		
P		<a href="#">Euphorbia dendroides</a>						C					X	
M	1363	<a href="#">Felis silvestris</a>						R	X					
R		<a href="#">Hierophis viridiflavus</a>						C					X	
M	1344	<a href="#">Hystrix cristata</a>						R	X					
P		<a href="#">Isoetes hystrix</a>						V			X			
R		<a href="#">Lacerta bilineata</a>						R			X			
M		<a href="#">Lepus corsicanus</a>						R			X			
P		<a href="#">Ophrys bertolonii subsp. bertolonii</a>						P					X	
P		<a href="#">Ophrys bombyliflora</a>						R					X	
P		<a href="#">Ophrys exaltata</a>						R					X	
P		<a href="#">Ophrys lupercalis (= Ophrys fusca)</a>						R					X	
P		<a href="#">Ophrys lutea</a>						R					X	
P		<a href="#">Ophrys lutea subsp. lutea</a>						R					X	
P		<a href="#">Ophrys sicula (= Ophrys lutea subsp. minor)</a>						R					X	
P		<a href="#">Ophrys speculum (= Ophrys vernixia)</a>						R					X	
P		<a href="#">Orchis brancifortii</a>						R					X	
P		<a href="#">Orchis italica</a>						R					X	
P		<a href="#">Orchis longicornu</a>						R					X	
I		<a href="#">Pachypus caesus</a>						R			X			
R	1244	<a href="#">Podarcis wagleriana</a>						C	X					
P	1849	<a href="#">Ruscus aculeatus</a>						R		X				
P		<a href="#">Serapias vomeracea</a>						R					X	
P		<a href="#">Trifolium bivonae</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

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Habitat class	% Cover
N09	10.0
N08	35.0
N18	35.0
N15	5.0
N06	5.0
N20	5.0
N16	3.0
N23	2.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

Il SIC, esteso per una superficie di circa 210 ettari, si localizza nel territorio del comune di Calatafimi (TP), dove include un rilevante nucleo forestale a dominanza di Quercus suber, il quale si estende fra le Contrade Angimbè, Fastuchera e Bosco, tra circa 200 e 365 metri di quota. Dal punto di vista geolitologico, si tratta di un esteso affioramento di sabbie e substrati quarzatici (Messiniano-Tortoniano superiore). Seguendo la classificazione bioclimatica proposta da BRULLO et al. (1996), il territorio rientra prevalentemente nella fascia del termomediterraneo subumido inferiore, con temperatura media annua di 16,4 °C e precipitazioni medie annue di 766 mm. Sui substrati quarzatici la potenzialità prevalente è appunto riferita alla serie della Sughera (Genisto aristatae-Quercus suberis sigmetum), mentre nei suoli più profondi ed evoluti tende verso la serie del querceto caducifoglio acidofilo a Quercia virgiliana (Erico-Quercus virgiliana sigmetum). Lungo le incisioni torrentizie sono altresì rappresentati aspetti di vegetazione ripale, riferiti agli ordini dei Populetalia albae e Salicetalia purpureae.

## 4.2 Quality and importance

Gli aspetti a *Quercus suber* costituiscono dei nuclei forestali di un certo rilievo, soprattutto per il settore del Trapanese, dove queste formazioni sono alquanto rare. Gli stessi boschi si sviluppano in un contesto territoriale ampiamente occupato da coltivi, per cui trattasi di un biotopo particolarmente interessante sia sotto l'aspetto floristico e fitocenotico, ma anche come importante oasi di rifugio per la fauna stanziale e migratoria.

## 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]
L	B01.02		i
L	A04.01		i
M	B01.01		i
M	D01.01		i
L	F03.01		b
H	B02.03		i
L	H05.01		i
M	G01.03.02		i
L	B02.01.02		i
M	F03.02.03		b
M	G01.03		i
H	B02.04		i
M	B06		i
H	J01.01		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

BRULLO S., MARCENO' C., 1985 - Contributo alla conoscenza della classe *Quercetea ilicis* in Sicilia. - Not. Fitosoc. 19 (1): 183-229 (1984). BULGARINI F., CALVARIO E., FRATICELLI F., PETRETTI F., SARROCCO S. (EDS), 1998 - Libro Rosso degli Animali d'Italia. Vertebrati. - WWF Italia, Roma. CONTI F., MANZI A., PEDROTTI F., 1992 - Libro rosso delle piante d'Italia. - Società Botanica Italiana e Associazione Italiana per il World Wildlife Fund, Camerino, 637 pp. CONTI F., MANZI A., PEDROTTI F., 1997 - Liste Rosse Regionali delle Piante d'Italia. - Società Botanica Italiana e Associazione Italiana per il World Wildlife Fund, pp. 104. Camerino (MC). GIUNTA G., LIGUORI V., 1972 - Geologia dell'estremità nord-occidentale della Sicilia. - Riv. Min. Sic.: 136-138: 165-226. GRUPPO DI PIANIFICAZIONE TERRITORIALE E DELLE INFORMAZIONI TERRITORIALI, 1996 - Vincolo di terreni per scopi idrogeologici. Carta di sintesi schematica (scala 1: 500.000) - Direzione Urbanistica - Assessorato Territorio e Ambiente della Regione Siciliana. 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. LOJACONO-POJERO M., 1888-1909 - Flora Sicula o descrizione delle piante spontanee o indigenate in Sicilia. - Palermo, 5 voll. LORENZ R. & LORENZ K., 2002 - Zur Orchideenflora zirkumsizilianischer Inseln. - Jber. naturwiss. Ver. Wuppertal, 55: 100-162. PAVAN M. (a cura) 1992 - Contributo per un "Libro Rosso" della fauna e della flora minacciate in Italia. - Ist. Entom. Univ. Pavia 720 pp. RAIMONDO F.M., GIANGUZZI L., ILARDI V., 1994 - Inventario delle specie "a rischio" nella flora vascolare nativa della Sicilia. - Quad. Bot. Ambientale Appl., 3 (1992): 65-132. 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. SCUDERI G., ILARDI V., RAIMONDO F. M., 1994 - La sughera nella vegetazione arborea del Trapanese. - Quad. Bot. Ambientale Appl. 3 (1992) 223-233.

## 5. SITE PROTECTION STATUS (optional)

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

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT13	8.0				

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

### 5.3 Site designation (optional)

## 6. SITE MANAGEMENT

### 6.1 Body(ies) responsible for the site management:

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### 6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/>	Yes	Name: Piano di gestione Monti di Trapani decreto n. 347 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

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).

123 IV° NE Carta Top 1:25000 Gauss-Boaga