



# 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 ITA070011  
SITENAME Poggio S. Maria

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## 1. SITE IDENTIFICATION

|                      |                                   |                             |
|----------------------|-----------------------------------|-----------------------------|
| <b>1.1 Type</b><br>B | <b>1.2 Site code</b><br>ITA070011 | <a href="#">Back to top</a> |
|----------------------|-----------------------------------|-----------------------------|

### 1.3 Site name

Poggio S. Maria

|  |                                   |
|--|-----------------------------------|
| <b>1.4 First Compilation date</b><br>1998-06 | <b>1.5 Update date</b><br>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]:

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**Longitude** 14.805235      **Latitude** 37.64626

**2.2 Area [ha]:** 807.0      **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 |
| 1310 <b>F</b>         |    |    | 2.75       |               | M            | A                | C                | A            | B      |
| 1430 <b>F</b>         |    |    | 9.92       |               | M            | B                | C                | B            | B      |
| 3150 <b>F</b>         |    |    | 0.51       |               | P            | D                |                  |              |        |
| 3280 <b>F</b>         |    |    | 2.74       |               | P            | D                |                  |              |        |
| 3290 <b>F</b>         |    |    | 116.93     |               | M            | B                | C                | B            | B      |
| 5330 <b>F</b>         |    |    | 8.12       |               | P            | D                |                  |              |        |
| 6220 <b>F</b>         |    |    | 269.38     |               | M            | B                | C                | B            | B      |
| 91AA <b>F</b>         |    |    | 10.12      |               | P            | D                |                  |              |        |
| 92D0 <b>F</b>         |    |    | 5.28       |               | P            | D                |                  |              |        |

- **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       | A031 | <a href="#">Ciconia ciconia</a> |   |    | r                      | 1    | 1   | p    |      | G               | C       | B     | C    | B    |
| B       | A031 | <a href="#">Ciconia ciconia</a> |   |    | c                      |      |     |      | P    | DD              | C       | B     | C    | B    |
| B       | A031 | <a href="#">Ciconia ciconia</a> |   |    | w                      |      |     |      | P    | DD              | C       | B     | C    | B    |
| R       | 5370 | <a href="#">Emys trinacris</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 |
| I       |      | <a href="#">Augyles maritimus</a>                |   |    |                        |     |      | R       |               |   |                  |   |   | X |
| I       |      | <a href="#">Blakeius leopoldinus</a>             |   |    |                        |     |      | C       |               |   |                  |   |   | X |
| A       |      | <a href="#">Bufo bufo spinosus</a>               |   |    |                        |     |      | C       |               |   |                  |   | X |   |
| A       | 1201 | <a href="#">Bufo viridis</a>                     |   |    |                        |     |      | R       | X             |   |                  |   |   |   |
| I       |      | <a href="#">Calopteryx splendens xanthostoma</a> |   |    |                        |     |      | R       |               |   |                  |   |   | X |
| B       |      | <a href="#">Carduelis cannabina</a>              |   |    |                        |     |      | V       |               |   |                  |   | X |   |
| R       | 1274 | <a href="#">Chalcides ocellatus</a>              |   |    |                        |     |      | C       | X             |   |                  |   |   |   |
| I       |      | <a href="#">Coenagrion caerulescens caesarum</a> |   |    |                        |     |      | R       |               |   |                  |   |   | X |

|   |      |   |  |  |  |  |  |   |   |  |   |   |   |   |
|---|------|---|--|--|--|--|--|---|---|--|---|---|---|---|
| R | 1284 | <a href="#">Coluber viridiflavus</a>                      |  |  |  |  |  | C | X |  |   |   |   |   |
| P |      | <a href="#">Cyperus distachyos</a>                        |  |  |  |  |  | C |   |  |   |   |   | X |
| P |      | <a href="#">Dichanthium annulatum</a>                     |  |  |  |  |  | R |   |  |   |   |   | X |
| A | 1189 | <a href="#">Discoglossus pictus</a>                       |  |  |  |  |  | C | X |  |   |   |   |   |
| I |      | <a href="#">Ecdyonurus belfiorei</a>                      |  |  |  |  |  | R |   |  |   |   |   | X |
| I |      | <a href="#">Echinogammarus adipatus</a>                   |  |  |  |  |  | R |   |  |   |   |   | X |
| I |      | <a href="#">Echinogammarus sicilianus</a>                 |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Eryngium dichotomum</a>                       |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Hymenolobus procumbens</a>                    |  |  |  |  |  | V |   |  |   |   |   | X |
| P |      | <a href="#">Imperata cylindrica</a>                       |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Leontodon muelleri</a>                        |  |  |  |  |  | R |   |  | X |   |   |   |
| I |      | <a href="#">Monatractides (Monatractides) lusitanicus</a> |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Moricandia arvensis</a>                       |  |  |  |  |  | R |   |  |   |   |   | X |
| R |      | <a href="#">Natrix natrix sicula</a>                      |  |  |  |  |  | C |   |  |   | X |   |   |
| I |      | <a href="#">Ochthebius hyblaemajoris</a>                  |  |  |  |  |  | R |   |  |   | X |   |   |
| I |      | <a href="#">Orthetrum nitidinerve</a>                     |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Panicum repens</a>                            |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Parapholis pycnantha</a>                      |  |  |  |  |  | R |   |  |   |   |   | X |
| R | 1250 | <a href="#">Podarcis sicula</a>                           |  |  |  |  |  | C | X |  |   |   |   |   |
| P |      | <a href="#">Podospermum canum</a>                         |  |  |  |  |  | R |   |  |   |   |   | X |
| I |      | <a href="#">Potamonectes (Potamonectes) fenestratus</a>   |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Puccinellia gussonei</a>                      |  |  |  |  |  | V |   |  | X |   |   |   |
| A | 1207 | <a href="#">Rana lessonae</a>                             |  |  |  |  |  | C | X |  |   |   |   |   |
| I |      | <a href="#">Rhithrogena siciliana</a>                     |  |  |  |  |  | R |   |  |   |   |   | X |
| I |      | <a href="#">Ronisia brutia brutia</a>                     |  |  |  |  |  | C |   |  |   |   |   | X |
| I |      | <a href="#">Ronisia ghiliani</a>                          |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Sagina maritima</a>                           |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Salsola agrigentina</a>                       |  |  |  |  |  | R |   |  | X |   |   |   |
| P |      | <a href="#">Salsola oppositifolia</a>                     |  |  |  |  |  | C |   |  |   |   |   | X |
| I |      | <a href="#">Smicromyrme fasciaticollis</a>                |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Spergularia diandra</a>                       |  |  |  |  |  | R |   |  |   |   |   | X |
| P |      | <a href="#">Sphenopus divaricatus</a>                     |  |  |  |  |  | V |   |  |   |   |   | X |
| I |      | <a href="#">Stenomutilla hottentotta</a>                  |  |  |  |  |  | C |   |  |   |   |   | X |
| R |      | <a href="#">Tarentola mauritanica mauritanica</a>         |  |  |  |  |  | C |   |  |   |   | X |   |
| I |      | <a href="#">Theodoxus meridionalis</a>                    |  |  |  |  |  | R |   |  |   |   |   | X |
| I |      | <a href="#">Tropidotilla litoralis</a>                    |  |  |  |  |  | C |   |  |   |   |   | X |
| I |      | <a href="#">Unio mancus</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 |
|---------------|---------|
| N07           | 10.0    |
| N15           | 10.0    |
| N06           | 5.0     |
| N09           | 40.0    |
| N10           | 15.0    |

|                            |            |
|----------------------------|------------|
| N03                        | 10.0       |
| N23                        | 5.0        |
| N21                        | 5.0        |
| <b>Total Habitat Cover</b> | <b>100</b> |

#### Other Site Characteristics

Si tratta di un'area caratterizzata essenzialmente da estesi affioramenti argillosi di tipo calanchivo. In alcuni punti l'affioramento della falda freatica determina il costituirsi di aree umide anche abbastanza estese con tratti impaludati. All'interno del sito ricadono pure alcuni tratti fluviali del fiume Simeto, come pure delle superfici ricoperte da coltri laviche. Il bioclimate è di tipo termo-mediterraneo superiore con ombrotipo subumido inferiore. La vegetazione è rappresentata da praterie steppeiche a *Lygeum spartum* o talora a *Hyparrhenia hirta*, come pure da cespuglieti alo-subnitrofilo a varie specie di *Salsola*, *Suaeda vera* e *Atriplex halimus*. Frequenti sono pure formazioni igrofile ad elofite in cui dominano *Phragmites australis*, *Schoenoplectus tabernemontani*, *Typha angustifolia*, *Apium nodiflorum*, *Cyperus distachyos*, *Carex divisa*, *Juncus subulatus*, ecc. Significativa è inoltre la presenza di alcune terofite sub-alofile molto rare, le quali formano dei praticelli effimeri, frequenti soprattutto nelle zone costiere.

#### 4.2 Quality and importance

Questo sito presenta un notevole interesse naturalistico in quanto si tratta di una delle poche aree interne caratterizzate da aspetti vegetazionali igrofilo di tipo sub-alofilo normalmente legati ad ambienti costieri. Inoltre sono localizzate in questi habitat umidi specie molto rare sull'isola, alcune delle quali endemiche, ritenute di rilevante interesse fitogeografico, a loro volta menzionate nell'elenco riportato nella sezione 3.3 (D). Sulla base delle attuali conoscenze *Pucinellia gussonei*, endemita siculo, si rinviene soltanto in questo sito. Molto ricca ed articolata si presenta la fauna invertebrata, in particolare quella dulcaquicola, con numerose specie che in Sicilia risultano sempre molto rare e localizzate.

#### 4.3 Threats, pressures and activities with impacts on the site

#### 4.4 Ownership (optional)

#### 4.5 Documentation

BRULLO S. & SIRACUSA G., 2000 - Indagine fitosociologica su di un'area umida del versante sud-occidentale dell'Etna di notevole interesse naturalistico - Arch. Geobot., 4 (1): 71-90. BRUNO S., 1970 - Anfibi e Rettili di Sicilia (Studi sulla Fauna Erpetologica Italiana.XI) - Atti dell'Accademia Gioenia di Scienze Naturali, Catania, (serie VII), 2: 185-326. LO VALVO F., 1998 - Status e conservazione dell'erpetofauna siciliana - Il Naturalista siciliano, S. IV, 22 (1-2): 53-71. LO VALVO F. & LONGO A.M., 2001 - Anfibi e Rettili in Sicilia - WWF Sicilia, Palermo, 85 pp. LO VALVO M., MASSA B. & SARÀ M. (red.), 1993 - Uccelli e paesaggio in Sicilia alle soglie del terzo millennio - Il Naturalista siciliano, 17 (suppl.): 1-371. RAVIZZA C. & GERECKE R., 1992 - A review of the distribution of Plecoptera on Sicily - Memorie della Società entomologica italiana, 70 (2) (1991): 9-31. RUFFO S. & STOCH F. (eds.), 2005 - Checklist e distribuzione della fauna italiana - Memorie del Museo Civico di Storia Naturale di Verona, 2serie, Sezione Scienze della Vita, 16. SABELLA G. & SPARACIO I., 2004 - Il ruolo dei Parchi siciliani nella conservazione dei taxa di insetti di particolare interesse naturalistico (Insecta Coleoptera et Lepidoptera Rhopalocera) - Il Naturalista siciliano, S. IV, 28 (1): 477-508. TURRISI G.F., 1999 - Contributo alla conoscenza dei Mutillidae di Sicilia (Hymenoptera Aculeata Scolioidea) - Bollettino dell'Accademia Gioenia di Scienze Naturali, Catania, 31 (354) (1998): 119-155. TURRISI G.F. & VACCARO A., 1998 - Contributo alla conoscenza degli Anfibi e dei Rettili di Sicilia - Bollettino dell'Accademia Gioenia di Scienze Naturali, Catania, 30 (353) (1997): 5-88. TURRISI G.F. & VACCARO A., 2004 - Anfibi e Rettili del Monte Etna (Sicilia orientale) - Bollettino dell'Accademia Gioenia di Scienze Naturali, Catania, 36 (363) (2003): 5-103.

### 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 | 5.0       |      |           |      |           |

#### 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 Fiume Simeto decreto n. 418 del 17/06/2011<br>Link: |
| <input type="checkbox"/>            | No, but in preparation |   |
| <input type="checkbox"/>            | No                     |   |

#### 6.3 Conservation measures (optional)

### 7. MAP OF THE SITES

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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).

