



# 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 IT5170008  
SITENAME Complesso di Monterufoli

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## 1. SITE IDENTIFICATION

|          |               |                             |
|----------|---------------|-----------------------------|
| 1.1 Type | 1.2 Site code | <a href="#">Back to top</a> |
| C        | IT5170008     |                             |

### 1.3 Site name

|                          |
|--------------------------|
| Complesso di Monterufoli |
|--------------------------|

|                            |                 |
|----------------------------|-----------------|
| 1.4 First Compilation date | 1.5 Update date |
| 1995-07                    | 2019-12         |

### 1.6 Respondent:

|                    |  |
|--------------------|--|
| Name/Organisation: | Regione Toscana - Direzione Ambiente ed Energia - Settore Tutela della Natura e del Mare |
| Address:           | Via di Novoli, 26 - 50127 Firenze  |
| Email:             | parchiareeprotette_biodiversita@regione.toscana.it                                       |

### 1.7 Site indication and designation / classification dates

|  |  |
|--|--|
| Date site classified as SPA:                 | 2004-03                                |
| National legal reference of SPA designation  | Del.C.R. n.6 del 21/01/2004            |
| Date site proposed as SCI:                   | 1995-06                                |
| Date site confirmed as SCI:                  | No data                                |
| Date site designated as SAC:                 | 2016-12                                |
| National legal reference of SAC designation: | DM 22/12/2016 - G.U. 19 del 24-01-2017 |

## 2. SITE LOCATION

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

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Longitude 10.780556 Latitude 43.254722

2.2 Area [ha]: 5033.0 2.3 Marine area [%] 0.0

2.4 Sitelength [km]: 0.0

### 2.5 Administrative region code and name

|                   |             |
|-------------------|-------------|
| NUTS level 2 code | Region Name |
|                   |             |

2.6 Biogeographical Region(s)

Mediterranean (100.0 %)

3. ECOLOGICAL INFORMATION

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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 |
| 3270                  |    |    | 3.96       |               | M            | D                |                  |              |        |
| 5130                  |    |    | 27.0       |               | M            | D                |                  |              |        |
| 5210                  |    |    | 177.05     |               | M            | C                | C                | B            | B      |
| 6110                  |    |    | 25.44      |               | M            | B                | C                | B            | B      |
| 6130                  |    |    | 57.65      |               | M            | A                | B                | A            | B      |
| 6210                  |    |    | 28.88      |               | M            | C                | C                | B            | C      |
| 8220                  |    |    | 1.2        |               | M            | D                |                  |              |        |
| 91B0                  |    |    | 133.93     |               | M            | B                | C                | B            | B      |
| 91E0                  |    |    | 18.88      |               | M            | C                | C                | B            | C      |
| 91M0                  |    |    | 711.61     |               | M            | C                | C                | B            | C      |
| 92A0                  |    |    | 32.89      |               | M            | C                | C                | B            | C      |
| 9340                  |    |    | 2329.12    |               | M            | B                | C                | 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. |
| B       | A255 | <a href="#">Anthus campestris</a>          |   |    | r                      |      |     |      | R    | DD       | C               | C     | C    | C    |
| A       | 5357 | <a href="#">Bombina pachipus</a>           |   |    | p                      |      |     |      | P    | DD       | C               | B     | C    | B    |
| M       | 1352 | <a href="#">Canis lupus</a>                |   |    | p                      |      |     |      | P    | DD       | C               | C     | A    | C    |
| B       | A224 | <a href="#">Caprimulgus europaeus</a>      |   |    | r                      |      |     |      | P    | DD       | C               | B     | C    | C    |
| B       | A080 | <a href="#">Circaetus gallicus</a>         |   |    | r                      | 2    | 2   | p    |      | G        | C               | B     | C    | B    |
| B       | A231 | <a href="#">Coracias garrulus</a>          |   |    | r                      |      |     |      | P    | DD       | D               |       |      |      |
| B       | A101 | <a href="#">Falco biarmicus</a>            |   |    | p                      | 1    | 2   | i    |      | G        | C               | B     | C    | B    |
| B       | A099 | <a href="#">Falco subbuteo</a>             |   |    | r                      |      |     |      | R    | DD       | C               | B     | C    | B    |
| B       | A096 | <a href="#">Falco tinnunculus</a>          |   |    | p                      |      |     |      | P    | DD       | C               | A     | C    | C    |
| P       | 4096 | <a href="#">Gladiolus palustris</a>        |   |    | p                      |      |     |      | P    | DD       | C               | B     | C    | B    |
| B       | A338 | <a href="#">Lanius collurio</a>            |   |    | r                      |      |     |      | P    | DD       | D               |       |      |      |
| B       | A341 | <a href="#">Lanius senator</a>             |   |    | r                      | 1    | 5   | i    |      | G        | C               | B     | C    | C    |
| B       | A246 | <a href="#">Lullula arborea</a>            |   |    | p                      |      |     |      | P    | DD       | D               |       |      |      |
| B       | A281 | <a href="#">Monticola solitarius</a>       |   |    | p                      |      |     |      | P    | DD       | C               | C     | C    | C    |
| B       | A214 | <a href="#">Otus scops</a>                 |   |    | r                      |      |     |      | P    | DD       | C               | B     | C    | B    |
| B       | A072 | <a href="#">Pernis apivorus</a>            |   |    | r                      |      |     |      | P    | DD       | C               | B     | C    | C    |
| B       | A267 | <a href="#">Prunella collaris</a>          |   |    | w                      |      |     |      | P    | DD       | D               |       |      |      |
| A       | 5367 | <a href="#">Salamandrina perspicillata</a> |   |    | p                      |      |     |      | P    | DD       | C               | B     | C    | B    |
| B       | A306 | <a href="#">Sylvia hortensis</a>           |   |    | p                      |      |     |      | V    | DD       | C               | B     | C    | C    |
| B       | A302 | <a href="#">Sylvia undata</a>              |   |    | p                      |      |     |      | R    | DD       | C               | C     | C    | C    |
| F       | 5331 | <a href="#">Telestes muticellus</a>        |   |    | p                      |      |     |      | C    | DD       | C               | B     | C    | B    |
| R       | 1217 | <a href="#">Testudo hermanni</a>           |   |    | p                      |      |     |      | P    | DD       | C               | B     | C    | B    |
| A       | 1167 | <a href="#">Triturus carnifex</a>          |   |    | p                      |      |     |      | R    | 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)

[illegible]

|   |  |                                  |  |  |  |  |  |   |  |  |  |   |  |   |
|---|--|----------------------------------|--|--|--|--|--|---|--|--|--|---|--|---|
| P |  | <a href="#">ophiolithicus</a>    |  |  |  |  |  | R |  |  |  | X |  |   |
| P |  | <a href="#">Tulipa australis</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

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##### 4.1 General site character

| Habitat class       | % Cover |
|---------------------|---------|
| N18                 | 22.0    |
| N16                 | 25.0    |
| N12                 | 3.0     |
| N22                 | 5.0     |
| N09                 | 1.0     |
| N08                 | 24.0    |
| N23                 | 1.0     |
| N20                 | 15.0    |
| N06                 | 4.0     |
| Total Habitat Cover | 100     |

##### Other Site Characteristics

Rilievo collinare di notevole complessità topografica ed edafica, caratterizzato da vasti affioramenti rocciosi di serpentiniti di notevole pregio paesaggistico.

##### 4.2 Quality and importance

Ampia rea quasi completamente boscata e con scarssissimo disturbo antropico, ottimamente conservata e con alta diversità biologica. Notevole concentrazione di specie vegetali rare e di endemismi geografico-ecologici dei substrati ofiolitici; cenosi di forra con ambondante Taxus, querceti decidui ricchi di specie mesofilo-nemorali. Iprati aridi, ricchi di orchidee, sono popolati di specie ornitiche rare e minacciate e utilizzate quali aree di caccia da rapaci. Le abbondanti popolazioni di ungulati permettono la presenza, ripetutamente segnalata, del Canis lupus. Tra gli Anfibi è da segnalare la presenza della Bombina pachypus, Endemismo dell'Italia peninsulare.

##### 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                | A04.03                       |                             | I                      |
| L                | D01.01                       |                             | I                      |
| M                | B02                          |                             | 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

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

##### 4.4 Ownership (optional)

| Type                  |                  | [%] |
|-----------------------|------------------|-----|
| Public                | National/Federal | 0   |
|                       | State/Province   | 0   |
|                       | Local/Municipal  | 0   |
|                       | Any Public       | 80  |
| Joint or Co-Ownership |                  | 0   |
| Private               |                  | 20  |
| Unknown               |                  | 0   |
| sum                   |                  | 100 |

##### 4.5 Documentation

Archivio RENATO - Repertorio Naturalistico Toscano - Regione ToscanaComunicazione Bruno Foggi e Federico Selvi.Chiarucci A., Foggi B., Selvi F. 1995 - Garigue palnte communities of ultramorphic outcrops in Tuscany. Webbia 49(2): 179-192.Comunicazione Marco Apollonio.Giunta Regionale Toscana (a cura di)., 1985, Toscana Le Aree Verdi, Edizioni La Girandola.Tellini G., 1994, Monitoraggio ornitologico della Comunità Montana della Val di Cecina., Comunità Montana della Val di Cecina. (inedito).Comunicazione G. Tellini.Comunicazione Paolo Sposimo.Comunicazione Paolo Agnelli.Comunicazione Stefano Vanni.Tellini Florenzano G., Arcamone E., Baccetti N., Meschini E., Sposimo P. (eds) 1997. Atlante delgi uccelli nidificanti e svernanti in Toscana (1982-92). Quaderni del Museo di Storia Naturale di Livorno. Monografia 1: 414 pp.Nocita A., 2012 - Indagine relativa ad alcune specie appartenenti alla fauna ittica d'acqua dolce: analisi della presenza e consistenza di Lampetra fluviatilis, Alosa fallax, Leuciscus lucumonis, Barbus plebejus, Barbus tyberinus, con particolare riferimento al Bacino dell'Arno. Museo di Storia Naturale dell'Università di Firenze. Inedito

#### 5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

| Code | Cover [%] | Code | Cover [%] | Code | Cover [%] |
|------|-----------|------|-----------|------|-----------|
| IT13 | 100.0     | IT07 | 100.0     | IT11 | 100.0     |

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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|               |                 |
|---------------|-----------------|
| Organisation: | Regione Toscana |
| Address:      |                 |
| Email:        |                 |

|               |  |
|---------------|--|
| Organisation: | Comando Carabinieri Forestale (UTCB di Cecina) |
| 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

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|             |  |
|-------------|--|
| INSPIRE ID: |  |
|-------------|--|

Map delivered as PDF in electronic format (optional)

|                          |     |                                     |    |
|--------------------------|-----|-------------------------------------|----|
| <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
|--------------------------|-----|-------------------------------------|----|

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

|  |
|--|
| 105 III NE - 105 III 1:25000 Gauss-Boaga |
|--|