



# 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 IT51A0019  
SITENAME Alto corso del Fiume Fiora

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## 1. SITE IDENTIFICATION

|          |               |                             |
|----------|---------------|-----------------------------|
| 1.1 Type | 1.2 Site code | <a href="#">Back to top</a> |
| C        | IT51A0019     |                             |

### 1.3 Site name

|                            |
|----------------------------|
| Alto corso del Fiume Fiora |
|----------------------------|

|                            |                 |
|----------------------------|-----------------|
| 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:                 | 2016-05                                 |
| National legal reference of SAC designation: | DM 24/05/2016 - G.U. 139 del 16-06-2016 |

## 2. SITE LOCATION

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

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|           |           |
|-----------|-----------|
| Longitude | Latitude  |
| 11.63     | 42.686667 |

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

|        |     |
|--------|-----|
| 7111.0 | 0.0 |
|--------|-----|

### 2.4 Sitelength [km]:

0.0

### 2.5 Administrative region code and name

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

|  |  |
|--|--|
|  |  |
|--|--|

Mediterranean (100.0 %)

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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 |
| 3240 <b><a href="#">F</a></b> |    |    | 39.66      |               | M            | B                | C                | B            | B      |
| 3250 <b><a href="#">F</a></b> |    |    | 64.65      |               | M            | B                | C                | A            | A      |
| 3270 <b><a href="#">F</a></b> |    |    | 115.66     |               | M            | A                | C                | A            | A      |
| 5130 <b><a href="#">F</a></b> |    |    | 4.3        |               | M            | C                | C                | C            | C      |
| 6110 <b><a href="#">F</a></b> |    |    | 0.28       |               | M            | D                |                  |              |        |
| 6210 <b><a href="#">F</a></b> |    |    | 39.48      |               | M            | D                |                  |              |        |
| 6220 <b><a href="#">F</a></b> |    |    | 1.29       |               | M            | D                |                  |              |        |
| 6510 <b><a href="#">F</a></b> |    |    | 410.18     |               | M            | C                | C                | B            | C      |
| 9180 <b><a href="#">F</a></b> |    |    | 0.06       |               | M            | D                |                  |              |        |
| 91B0 <b><a href="#">F</a></b> |    |    | 1.1        |               | M            | D                |                  |              |        |
| 91E0 <b><a href="#">F</a></b> |    |    | 1.03       |               | M            | C                | C                | B            | C      |
| 91M0 <b><a href="#">F</a></b> |    |    | 14.74      |               | M            | C                | C                | B            | B      |
| 9220 <b><a href="#">F</a></b> |    |    | 6.03       |               | M            | D                |                  |              |        |
| 9260 <b><a href="#">F</a></b> |    |    | 59.72      |               | M            | D                |                  |              |        |
| 92A0 <b><a href="#">F</a></b> |    |    | 411.7      |               | M            | B                | C                | B            | B      |
| 9340 <b><a href="#">F</a></b> |    |    | 13.79      |               | M            | 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

[illegible]

|   |      |  |  |  |   |  |  |  |   |    |   |   |   |   |
|---|------|--|--|--|---|--|--|--|---|----|---|---|---|---|
| B | A072 | <a href="#">Pernis apivorus</a>            |  |  | r |  |  |  | P | DD | D |   |   |   |
| F | 1136 | <a href="#">Rutilus rubilio</a>            |  |  | p |  |  |  | P | DD | C | B | C | C |
| A | 5367 | <a href="#">Salamandrina perspicillata</a> |  |  | p |  |  |  | P | DD | C | B | C | B |
| F | 5331 | <a href="#">Telestes muticellus</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 |
| A       |      | <a href="#">Bufo bufo</a>                                  |   |    |                        |     |      | P       |               |   |                  |   | X |   |
| M       |      | <a href="#">Erinaceus europaeus</a>                        |   |    |                        |     |      | P       |               |   |                  |   | X |   |
| M       | 1344 | <a href="#">Hystrix cristata</a>                           |   |    |                        |     |      | P       | X             |   |                  |   |   |   |
| R       |      | <a href="#">Lacerta bilineata</a>                          |   |    |                        |     |      | P       |               |   |                  |   | X |   |
| M       | 1357 | <a href="#">Martes martes</a>                              |   |    |                        |     |      | P       |               | X |                  |   |   |   |
| M       | 1341 | <a href="#">Muscardinus avellanarius</a>                   |   |    |                        |     |      | P       | X             |   |                  |   |   |   |
| R       | 1256 | <a href="#">Podarcis muralis</a>                           |   |    |                        |     |      | P       | X             |   |                  |   |   |   |
| R       | 1250 | <a href="#">Podarcis sicula</a>                            |   |    |                        |     |      | P       | X             |   |                  |   |   |   |
| I       |      | <a href="#">Potamon fluviatile</a>                         |   |    |                        |     |      | P       |               |   | X                |   |   |   |
| A       | 1210 | <a href="#">Rana esculenta</a>                             |   |    |                        |     |      | P       |               | X |                  |   |   |   |
| A       | 1206 | <a href="#">Rana italica</a>                               |   |    |                        |     |      | P       | X             |   |                  |   |   |   |
| P       |      | <a href="#">SANTOLINA ETRUSCA (LACAITA) MARCHI ET DAM.</a> |   |    |                        |     |      | P       |               |   |                  | X |   |   |
| P       |      | <a href="#">Scorzonera cana</a>                            |   |    |                        |     |      | P       |               |   |                  |   |   | X |
| M       |      | <a href="#">Sus scrofa</a>                                 |   |    |                        |     |      | P       |               |   |                  |   | X |   |
| B       |      | <a href="#">Sylvia cantillans moltonii</a>                 |   |    |                        |     |      | R       |               |   | X                |   | X |   |
| A       |      | <a href="#">Triturus vulgaris</a>                          |   |    |                        |     |      | P       |               |   |                  |   | X |   |
| M       |      | <a href="#">Vulpes vulpes</a>                              |   |    |                        |     |      | P       |               |   |                  |   |   | 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 |
|---------------------|---------|
| N15                 | 15.0    |
| N12                 | 15.0    |
| N06                 | 5.0     |
| N08                 | 30.0    |
| N16                 | 30.0    |
| N09                 | 5.0     |
| Total Habitat Cover | 100     |

#### Other Site Characteristics

Corso d'acqua a dinamica naturale o seminaturale, di notevole pregio paesaggistico.

### 4.2 Quality and importance

Soprattutto nelle aree dove è più ampio e caratterizzato da vegetazione discontinua l'alveo del Fiora è utilizzato da numerose specie ornitiche rare e minacciate tipiche della garighe e degli altri ambienti aperti. Sito di rilevante importanza per la conservazione di Lutra lutra.

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                | I03.01                       |                             | I                      |
| L                | F05.03                       |                             | I                      |
| M                | G01.03.02                    |                             | I                      |
| H                | C03.01                       |                             | I                      |
| M                | J03.02.01                    |                             | I                      |
| H                | J02.06.04                    |                             | 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] |
| M                | A06.04                        |                             | I                       |
| H                | A04.02.05                     |                             | I                       |

4.4 Ownership (optional)

| Type                  |                  | [%] |
|-----------------------|------------------|-----|
| Public                | National/Federal | 0   |
|                       | State/Province   | 0   |
|                       | Local/Municipal  | 0   |
|                       | Any Public       | 60  |
| Joint or Co-Ownership |                  | 0   |
| Private               |                  | 40  |
| Unknown               |                  | 0   |
| sum                   |                  | 100 |

4.5 Documentation

Archivio RENATO - Repertorio Naturalistico Toscano - Regione ToscanaComunicazione Bruno Foggi e Federico Selvi.Comunicazione Paolo Angnelli. Comunicazione Luca Bartolozzi.Uccelli:Scoccianti C., Scoccianti G. - 1995 - I rapaci diurni delle province di Siena e Grosseto. Studio per la conservazione.WWF Delegazione Toscana serie scientifica, 2: 136 pp.Tellini G., Arcamone E., Baccetti N., Meschini E., Sposimo P.(eds.) - 1997 - Atlante degli uccelli nidificanti e svernanti in Toscana (1982-1992). Quad. Mus. Stor. Nat. Livorno, Monografia n.1: 414pp.Piante Vascolari:Herbarium Universitatis Florentinae, Firenze.Mammiferi: Prigioni C. - 1990 - Progetto Lontra.In: Acqua Aria, Aprile 1990.Sforzi A. Ragni B. 1997. Atlante dei Mammiferi della Provincia di Grosseto. Suppl. al n 16 degli Atti del Museo di Storia Naturale della Maremma Grafiche EFFESI s.n.c. Grosseto.Anfibi:Comunicazione Nistri Annamaria, Vanni Stefano.Museo di Storia Naturale dell'Universita' di Firenze, Sezione di Zoologia "La Specola".Pesci:Auteri R., Bairo R., Mannini P., Piras A., Reale B., Righini P., Serena F., Voliani A., Volpi C., 1988, Gestione della fauna ittica. Presupposti ecologici e popolazionistici., Regione Toscana, Giunta Regionale, Firenze.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. IneditoComunicazione Leonardo Favilli.CRIP 1991.Gestione della fauna ittica. Presupposti ecologici e popolazionistici. 2 Regione Toscana Giunta Regionale. Tipolitografia NOVA Lastra a Signa (Firenze).Insetti:Collezione Paolo Maria Casini, Firenze.

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 | 80.0      | 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:      | Via di Novoli, 26 - 50127 Firenze                  |
| Email:        | parchiareeprotette_biodiversita@regione.toscana.it |

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

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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).

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