



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 IT51A0017
SITENAME Cono vulcanico del Monte Amiata

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1. SITE IDENTIFICATION

| | | |
|----------|---------------|-----------------------------|
| 1.1 Type | 1.2 Site code | Back to top |
| B | IT51A0017 | |

1.3 Site name

| |
|---------------------------------|
| Cono vulcanico del Monte Amiata |
|---------------------------------|

| | |
|----------------------------|-----------------|
| 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: | 0000-00 |
| National legal reference of SPA designation | No data |
| 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 11.601111 Latitude 42.8875

2.2 Area [ha]: 6114.0 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 |
| 3130 | | | 0.002 | | M | D | | | |
| 4030 | | | 1.15 | | M | D | | | |
| 6210 | | | 1.19 | | M | C | C | B | C |
| 6420 | | | 0.05 | | M | D | | | |
| 6430 | | | 1.26 | | M | B | C | B | C |
| 6510 | | | 14.59 | | M | C | C | B | C |
| 8130 | | | 0.28 | | M | D | | | |
| 8310 | | | | 4 | M | A | C | A | A |
| 9130 | | | 2955.97 | | M | A | B | B | B |
| 91AA | | | 1.2 | | M | D | | | |
| 91M0 | | | 37.82 | | M | D | | | |
| 9260 | | | 1728.45 | | G | B | C | C | B |
| 92A0 | | | 0.87 | | 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

| 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 | A085 | Accipiter gentilis | | | p | | | | P | DD | C | C | C | B |
| B | A086 | Accipiter nisus | | | p | | | | P | DD | C | B | C | B |
| M | 1308 | Barbastella barbastellus | | | p | | | | R | DD | C | A | C | A |
| B | A087 | Buteo buteo | | | p | | | | C | DD | C | B | C | B |
| M | 1352 | Canis lupus | | | p | | | | R | DD | C | A | C | A |
| B | A080 | Circaetus gallicus | | | r | | | | P | DD | C | B | C | C |
| B | A084 | Circus pygargus | | | r | | | | R | DD | D | | | |
| R | 1279 | Elaphe quatuorlineata | | | p | | | | R | DD | C | B | C | B |
| I | 6199 | Euplagia quadripunctaria | | | p | | | | P | DD | C | C | C | C |
| B | A099 | Falco subbuteo | | | r | | | | P | DD | C | B | C | C |
| B | A338 | Lanius collurio | | | r | | | | V | DD | D | | | |
| I | 1083 | Lucanus cervus | | | p | | | | P | DD | C | C | C | C |
| B | A246 | Lullula arborea | | | r | | | | R | DD | D | | | |
| B | A073 | Milvus migrans | | | r | | | | P | DD | C | B | C | C |
| B | A074 | Milvus milvus | | | p | 1 | 2 | p | | G | B | A | C | A |
| M | 1324 | Myotis myotis | | | p | | | | R | DD | C | A | C | A |
| B | A072 | Pernis apivorus | | | r | | | | P | DD | C | B | C | C |
| B | A274 | Phoenicurus phoenicurus | | | r | | | | P | DD | D | | | |
| B | A314 | Phylloscopus sibilatrix | | | r | | | | R | DD | C | B | A | C |
| M | 1305 | Rhinolophus euryale | | | p | | | | R | DD | C | A | C | A |
| M | 1304 | Rhinolophus ferrumequinum | | | p | | | | R | DD | C | A | C | A |
| M | 1303 | Rhinolophus hipposideros | | | p | | | | R | DD | C | A | C | A |

| | | | | | | | | | | | | | | |
|---|------|--|--|--|--|--|--|---|---|---|--|---|--|---|
| I | | (Metapiorhynchus) diecki | | | | | | P | | | | X | | |
| P | | Paris quadrifolia | | | | | | R | | | | | | X |
| I | | Percus paykulli | | | | | | P | | | | X | | |
| M | 2016 | Pipistrellus kuhlii | | | | | | P | X | | | | | |
| M | 1309 | Pipistrellus pipistrellus | | | | | | P | X | | | | | |
| M | 5009 | Pipistrellus pygmaeus | | | | | | P | X | | | | | |
| M | 1326 | Plecotus auritus | | | | | | P | X | | | | | |
| R | 1256 | Podarcis muralis | | | | | | C | X | | | | | |
| R | 1250 | Podarcis sicula | | | | | | C | X | | | | | |
| A | 1210 | Rana esculenta | | | | | | C | | X | | | | |
| A | 1206 | Rana italica | | | | | | P | X | | | | | |
| I | | Retinella olivetorum | | | | | | P | | | | X | | |
| P | | Rosa pendulina | | | | | | R | | | | | | X |
| P | | Sedum alpestre | | | | | | V | | | | | | X |
| I | | Semilimacella bonelli | | | | | | R | | | | | | X |
| P | | SESLERIA ITALICA (PAMP.) UJHELYI | | | | | | P | | | | X | | |
| I | | Sinodendron cylindricum | | | | | | R | | | | | | X |
| P | | Tragopogon crocifolius | | | | | | P | | | | | | X |
| I | | Trechus solarii | | | | | | R | | | | X | | |
| A | | Triturus vulgaris | | | | | | P | | | | | | X |
| P | | Viola etrusca | | | | | | P | | | | X | | |
| I | | Vitrinobrachium breve | | | | | | 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 |
|---------------------|---------|
| N20 | 10.0 |
| N19 | 3.0 |
| N23 | 3.0 |
| N08 | 2.0 |
| N06 | 1.0 |
| N10 | 4.0 |
| N16 | 77.0 |
| Total Habitat Cover | 100 |

Other Site Characteristics

Rilievo isolato di natura vulcanica ricoperto pressocché interamente da boschi di grande pregio naturalistico, idrogeologico turistico-ricreativo.

4.2 Quality and importance

Presenza di tipologie fito cenotiche molto rappresentative (selve castanili, cedui castanili) e peculiari (faggete mesotrofiche ipsofile)per l'isolamento orografico ed ecologico delliedificio vulcanico. Discreto, a tratti ottimo, lo stato di conservazione. L'avifauna, poco conosciuta, comprende alcune specie rare e minacciate legate alle poche zone aperte oltre a varie specie di rapaci. Da segnalare la presenza del predatore Felis silvestris e tra gli Anfibi il Triturus carnifex, endemismo italiano. Presenti anche incertebrati rari , localizzati ed endemici.

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 | H01 | | I |
| M | J03 | | I |
| M | I01 | | I |
| H | F03.01.01 | | I |
| H | E01 | | I |
| H | A04.03 | | B |
| H | B02 | | I |
| M | E06.02 | | I |
| M | A03.03 | | I |

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

| | | | |
|---|-----------|--|---|
| L | A07 | | I |
| M | F04 | | I |
| M | B07 | | I |
| M | J01.01 | | I |
| M | D01 | | I |
| M | J02 | | I |
| L | A03 | | B |
| M | E01 | | I |
| M | F03.02.03 | | I |
| H | A06.04 | | B |
| M | I03.01 | | B |
| L | I02 | | I |
| M | U | | 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

4.4 Ownership (optional)

| Type | | [%] |
|-----------------------|------------------|-----|
| Public | National/Federal | 0 |
| | State/Province | 0 |
| | Local/Municipal | 0 |
| | Any Public | 10 |
| Joint or Co-Ownership | | 0 |
| Private | | 90 |
| Unknown | | 0 |
| sum | | 100 |

4.5 Documentation

Niccolai L. - Gli ambienti naturali (pp. 37-53)., 1992, In: Niccolai L.(Ed.). Santa Fiora. Ambiente e storia sul Monte Amiata., Ed. Tosca, FI.Comunicazione Leonardo Favilli.Mammiferi:Cagnolaro L. et al.- Inchiesta sulla distr. del gatto selvatico (Felis silvestris Schreber) in Italia e nei Cantoni Ticino e Grigioni (Svizzera) e del gatto selvatico sardo (F. silvestri sarda Lataste) in Sardegna con notizie sulla Lince (Linx linx L.)., 1973, Ric. Biol. Selv., Laboratorio di zoologia applicata alla caccia, Toscana 64: 23-27.Insetti:Comunicazione Luca Bartolozzi.Abbazzi P., Osella G. - 1992 - Elenco sistematico-faunistico degli Anthribidae, Rhinomaceridae, Attelabidae, Apionidae, Brentidae, Curculionidae italiani. (Insecta, Coleoptera, Curculionoidea). I parte. Redia, 75(2): 267-414.Bartolozzi L. - Note corologiche e morfologiche sui Lucanidae in Toscana (Coleoptera)., 1986, Atti Mus. civ. Stor. nat. Grosseto, 7/8: 11-26.Gestro R. - Odonati del Giglio. Materiali per una fauna dell'Arcipelago Toscano. XIII., 1924, Annali Mus. civ. Stor. nat. Giacomo Doria, Genova, 50: 193-198.Magistretti M., 1965, Coleoptera Cicindelidae, Carabidae. Catalogo topografico. Fauna d'Italia. VIII., Calderini Ed., Bologna.Magnano L. - Ricerche sulla fauna appenninica. 92. Descrizione di tre nuove specie di Otorhynchus del gruppo vernalis Stierlin e considerazioni sistematiche su altre poco conosciute (Coleoptera Curculionidae) (XI contributo alla conoscenza dei Curculioni, 1967, Mem. Mus. civ. St. nat., Verona, 15: 139-158.Piante Vascolari:Herbarium Universitatis Florentinae, Firenze.Comunicazione Federico Selvi.Selvi F. 1996. Flora and phytogeography of the volcanic dome of Monte Amiata (Central Italy) Webbia 50(2): 265-310.Uccelli:Fabbrizzi F. 1991. I Falconiformi della regione del Monte Amiata (Aves) Atti del Museo Civico di Storia Naturale (Grosseto) 14:43-51.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 Florenzano G., Arcamone E., Baccetti N., Meschini E., Sposimo P. (eds.) 1997. Atlante degli uccelli nidificanti e svernanti in Toscana (1982-1992) Quaderni del Museo di Storia Naturale di Livorno, Monografie, 1: 414 pp.Molluschi:Manganelli G., Giusti F. 1988. Notulae Malacologicae XXXVII.New data on Arion intermedius Normand in Italian Apennines and major Tyrrhenian islands.(Studies on the Sardinian and Corsican malacofauna VII) Archiv fur Molluskenkunde, 119: 39-54.Collezione F. Giusti, Dip. di Biologia Evolutiva, Università di Siena. ·Piazzino S., Favilli L. & Manganelli G., 2005 . Atlante degli Anfibi della Provincia di Siena (1999-2004).Sistema delle riserve Naturali della Provincia di Siena , Quaderni Naturalistici, 1: 112 pp.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

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

5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

| | |
|---------------|--|
| 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).

110 I NE - 119 I SE 1:25000 Gauss-Boaga