



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 IT5220018

SITENAME Lago di Piediluco - Monte Caperno

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1. SITE IDENTIFICATION

| | | |
|----------|---------------|-----------------------------|
| 1.1 Type | 1.2 Site code | Back to top |
| B | IT5220018 | |

1.3 Site name

| |
|-----------------------------------|
| Lago di Piediluco - Monte Caperno |
|-----------------------------------|

| | |
|----------------------------|-----------------|
| 1.4 First Compilation date | 1.5 Update date |
| 1995-06 | 2022-12 |

1.6 Respondent:

| | |
|----------------|--|
| Name | Regione Umbria Direzione Agricoltura e Foreste Servizio XI Promozione e Valorizzazione Sistemi Naturalistici e |
| /Organisation: | Paesaggistici |
| Address: | Via M. Angeloni - 06124 Perugia |
| Email: | |

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: | 2014-08 |
| National legal reference of SAC designation: | DM 07/08/2014 - G.U. 194 del 22-08-2014 |

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

Longitude 12.763889

Latitude 42.528889

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[illegible]

| | | | | | | | | | | | | | | |
|---|------|--|--|--|---|--|--|--|---|----|---|---|---|---|
| B | A459 | Larus cachinnans | | | | | | | | DD | | | | |
| B | A179 | Larus ridibundus | | | | | | | | DD | | | | |
| B | A476 | Linaria cannabina | | | | | | | | DD | | | | |
| I | 1083 | Lucanus cervus | | | p | | | | P | DD | C | B | C | B |
| B | A271 | Luscinia megarhynchos | | | | | | | | DD | | | | |
| B | A073 | Milvus migrans | | | r | | | | P | DD | C | B | A | C |
| M | 1310 | Miniopterus schreibersii | | | p | | | | R | DD | C | B | C | C |
| B | A281 | Monticola solitarius | | | | | | | | DD | | | | |
| B | A262 | Motacilla alba | | | | | | | | DD | | | | |
| B | A261 | Motacilla cinerea | | | p | | | | P | DD | C | A | C | A |
| B | A260 | Motacilla flava | | | c | | | | P | DD | C | A | C | A |
| B | A023 | Nycticorax nycticorax | | | r | | | | P | DD | C | B | B | C |
| B | A214 | Otus scops | | | | | | | | DD | | | | |
| B | A330 | Parus major | | | | | | | | DD | | | | |
| B | A473 | Periparus ater | | | | | | | | DD | | | | |
| B | A115 | Phasianus colchicus | | | | | | | | DD | | | | |
| B | A572 | Phylloscopus collybita | | | | | | | | DD | | | | |
| B | A866 | Picus viridis | | | | | | | | DD | | | | |
| B | A005 | Podiceps cristatus | | | | | | | | DD | | | | |
| B | A493 | Poecile palustris | | | | | | | | DD | | | | |
| B | A266 | Prunella modularis | | | | | | | | DD | | | | |
| B | A250 | Ptyonoprogne rupestris | | | | | | | | DD | | | | |
| F | 1136 | Rutilus rubilio | | | p | | | | P | DD | D | | | |
| A | 1175 | Salamandrina terdigitata | | | p | | | | P | DD | D | | | |
| B | A276 | Saxicola torquatus | | | | | | | | DD | | | | |
| B | A361 | Serinus serinus | | | | | | | | DD | | | | |
| B | A332 | Sitta europaea | | | | | | | | DD | | | | |
| B | A210 | Streptopelia turtur | | | r | | | | P | DD | C | B | C | B |
| B | A311 | Sylvia atricapilla | | | | | | | | DD | | | | |
| B | A004 | Tachybaptus ruficollis | | | | | | | | DD | | | | |
| R | 1217 | Testudo hermanni | | | p | | | | P | DD | D | | | |
| A | 1167 | Triturus carnifex | | | p | | | | R | DD | C | C | C | C |
| B | A265 | Trogodytes troglodytes | | | | | | | | DD | | | | |
| B | A286 | Turdus iliacus | | | | | | | | DD | | | | |
| B | A283 | Turdus merula | | | | | | | | DD | | | | |
| B | A285 | Turdus philomelos | | | | | | | | DD | | | | |
| B | A287 | Turdus viscivorus | | | | | | | | DD | | | | |
| B | A213 | Tyto alba | | | | | | | | DD | | | | |
| B | A232 | Upupa epops | | | | | | | | DD | | | | |

- **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 |
| F | | Anguilla anguilla | | | | | | P | | | X | | | |
| R | | Anguis fragilis | | | | | | P | | | | | X | |
| I | | Beraeodes minutus | | | | | | P | | | | | | X |
| A | | Bufo bufo | | | | | | P | | | | | X | |
| A | 6962 | Bufotes viridis Complex | | | | | | P | X | | | | | |
| M | | Capreolus capreolus | | | | | | P | | | | | X | |
| I | | Ceraclea fulva | | | | | | P | | | | | | X |
| R | | Chalcides chalcides | | | | | | P | | | | | X | |
| R | 1283 | Coronella austriaca | | | | | | P | X | | | | | |
| M | | Crocidura suaveolens | | | | | | P | | | | | X | |
| F | | Cyprinus carpio | | | | | | P | | | | | X | |
| M | | Eliomys quercinus | | | | | | P | | | | | X | |
| I | | Emmericia papula | | | | | | P | | | | | | X |
| M | | Erinaceus europaeus | | | | | | P | | | | | X | |
| I | | Erotesis baltica | | | | | | P | | | | | | X |
| F | | Esox lucius | | | | | | P | | | X | | | |
| M | 1363 | Felis silvestris | | | | | | P | X | | | | | |
| M | | Glis glis | | | | | | P | | | | | X | |
| R | 5670 | Hierophis viridiflavus | | | | | | P | | | | | X | |
| A | 5358 | Hyla intermedia | | | | | | P | | | | | X | |
| M | 5365 | Hypsugo savii | | | | | | P | | | | | X | |
| M | 1344 | Hystrix cristata | | | | | | P | X | | | | | |
| I | | Islamia cfr. pusilla | | | | | | P | | | | X | | |
| R | 5179 | Lacerta bilineata | | | | | | P | | | | | X | |
| M | | Lepus europaeus / corsicanus | | | | | | P | | | | | X | |
| F | | Leuciscus cephalus | | | | | | P | | | | | X | |
| M | | Martes foina | | | | | | P | | | | | X | |
| M | | Meles meles | | | | | | P | | | | | X | |
| M | | Microtus savii | | | | | | P | | | | | X | |
| M | 1341 | Muscardinus avellanarius | | | | | | P | X | | | | | |
| M | | Mustela nivalis | | | | | | P | | | | | X | |
| M | 1358 | Mustela putorius | | | | | | P | | X | | | | |
| R | | Natrix natrix | | | | | | P | | | | | X | |
| R | 1292 | Natrix tessellata | | | | | | P | X | | | | | |
| M | | Neomys fodiens | | | | | | P | | | X | | | |
| B | A621 | Passer italiae | | | | | | P | | | | X | | |
| I | | Pauluccinella minima | | | | | | P | | | | X | | |

| | | | | | | | | | | | | | | |
|---|------|---|--|--|--|--|--|---|---|---|---|--|---|---|
| M | 2016 | Pipistrellus kuhlii | | | | | | P | X | | | | | |
| M | 1309 | Pipistrellus pipistrellus | | | | | | P | X | | | | | |
| I | | Pisidium henslowanum | | | | | | P | | | | | | X |
| I | | Pisidium obtusale | | | | | | P | | | | | | X |
| I | | Pisidium pseudosphaerium | | | | | | P | | | | | | X |
| I | | Pisidium tenuilineatum | | | | | | P | | | | | | X |
| R | 1256 | Podarcis muralis | | | | | | P | X | | | | | |
| R | 1250 | Podarcis siculus | | | | | | P | X | | | | | |
| I | | Pseudochydorus globosus | | | | | | P | | | X | | | |
| A | | Rana bergeri / Rana klepton hispanica | | | | | | P | | | | | X | |
| A | 1209 | Rana dalmatina | | | | | | P | X | | | | | |
| A | 1206 | Rana italica | | | | | | P | X | | | | | |
| F | | Salmo trutta trutta | | | | | | P | | | X | | | |
| F | | Scardinius erythrophthalmus | | | | | | P | | | | | X | |
| M | | Sciurus vulgaris | | | | | | P | | | | | X | |
| I | | Sida cristallina | | | | | | P | | | X | | | |
| M | | Sorex samniticus | | | | | | P | | | X | | | |
| M | | Suncus etruscus | | | | | | P | | | X | | | |
| M | 1333 | Tadarida teniotis | | | | | | P | X | | | | | |
| M | | Talpa romana | | | | | | P | | | X | | | |
| I | | Theodoxus fluviatilis | | | | | | P | | | | | | X |
| F | | Tinca tinca | | | | | | P | | | | | X | |
| A | | Triturus vulgaris | | | | | | P | | | | | X | |
| I | 1033 | Unio elongatulus | | | | | | P | | X | | | | |
| R | | Vipera aspis | | | | | | P | | | | | X | |
| R | 6091 | Zamenis longissimus | | | | | | P | X | | | | 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 |
|---------------|---------|
| N12 | 6.0 |
| N23 | 6.0 |
| N20 | 1.0 |
| N06 | 40.0 |
| N07 | 25.0 |
| | |

| | |
|---------------------|------|
| N10 | 5.0 |
| N18 | 15.0 |
| N16 | 2.0 |
| Total Habitat Cover | 100 |

Other Site Characteristics

Lago appartenente al complesso idrografico dell'antico Lago Velino, originato dallo sbarramento di travertino depositato dal Fiume Velino prima di confluire nel Fiume Nera, e poi in gran parte prosciugato artificialmente. La vegetazione del Lago di Piediluco si contraddistingue oltre che per gli habitat segnalati con codice, e corrispondenti a: formazioni algali del genere Chara, aggruppamenti a Lemna minor, Potamogeton natans e Nuphar luteum (3150), formazioni con Scirpus lacustris (6420) ed aggruppamenti a Cladium mariscus (7210), anche per le cenosi idrofittiche a Phragmites australis e Typha latifolia dell'alleanza Phragmition australis, per la presenza di cariceti del Caricion gracilis, nonchè per la presenza di agallati con vegetazione del Mentho aquaticae-Caricetum pseudocyperi. Il Monte Caperno, invece, è quasi interamente ricoperto da boschi del Quercion ilicis (9340) e da formazioni a Buxus sempervirens (5110). Si segnala l'accertata estinzione del Rutilus rubilio.

4.2 Quality and importance

Lago naturale con significativi esempi, per composizione floristica e stato di conservazione, di vegetazione elofittica, idrofittica e dei prati umidi. In un braccio del lago tra le elofite è presente l'unica stazione a Cladium mariscus conosciuta per l'Umbria. Tra le specie floristiche sono state segnalate: Hippuris vulgaris, Utricularia vulgaris, Orchis incarnata, Caltha palustris, Nuphar luteum, Carex acutiformis, Carex vesicaria e Iris pseudacorus, rare al livello regionale. Tra la fauna sono stati indicati anche i molluschi Emmericia patula, Islamia cfr. pusilla, Pisidium henslowanum, Pisidium obtusale, Pisidium pseudosphaerium, Pisidium tenuilineatum e Theodoxus fluviatilis (specie rare o poco comuni od in via di progressivo calo), i tricotteri Beraeodes minutus e Erotesis baltica (specie stenotopiche di sorgenti reo-limno-creniche) e Ceratolea fulva (rara e vincolata ai poriferi di acque dolci), Leuciscus cephalus (specie autoctona), Buteo buteo, Cettia cetti e Falco tinnunculus (specie poco comuni).

4.3 Threats, pressures and activities with impacts on the site

4.4 Ownership (optional)

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

4.5 Documentation

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 | 15.0 | IT11 | 100.0 | | |

5.2 Relation of the described site with other sites:

designated at national or regional level:

| Type code | Site name | Type | Cover [%] |
|-----------|--------------------------------------|------|-----------|
| IT11 | Lago di Piediluco - Monte Maro (ZPS) | - | |
| IT13 | Lago di Piediluco - Monte Maro (ZPS) | - | |

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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| | |
|---------------|----------------|
| Organisation: | Regione Umbria |
| Address: | |
| Email: | |

6.2 Management Plan(s):

An actual management plan does exist:

| | |
|---|-----------------------|
| <input checked="" type="checkbox"/> Yes | Name: DGR N. 173/2013 |
| | 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)

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

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

| |
|--|
| 138 I° SO Carta Topo 1:25000 Gauss-Boaga |
|--|