



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 IT51A0011
SITENAME Padule di Diaccia Botrona

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1. SITE IDENTIFICATION

| | | |
|----------|---------------|-----------------------------|
| 1.1 Type | 1.2 Site code | Back to top |
| C | IT51A0011 | |

1.3 Site name

| |
|---------------------------|
| Padule di Diaccia Botrona |
|---------------------------|

| | |
|----------------------------|-----------------|
| 1.4 First Compilation date | 1.5 Update date |
| 1995-07 | 2015-12 |

1.6 Respondent:

| | |
|---------------------------|---|
| Name/Organisation: | Regione Toscana -D.G. Politiche Ambientali,Energia e Cambiamenti Climatici-Settore Tutela e Valorizzazione Risorse Ambientali |
| 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: | 1995-03 |
| National legal reference of SPA designation | No data |
| Date site proposed as SCI: | 1995-05 |
| 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

10.9205555555556

Latitude

42.7691666666667

2.2 Area [ha]:

1348.0

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

ITE1

Toscana

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 | | | 26.96 | | | C | C | C | C |
| 1410 | | | 404.4 | | | B | C | B | B |
| 1420 | | | 134.8 | | | B | C | B | B |
| 2270 | | | 202.2 | | | B | C | B | 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 | A293 | Acrocephalus melanopogon | | | w | | | | P | DD | C | C | C | C |
| B | A293 | Acrocephalus melanopogon | | | c | | | | P | DD | C | C | C | C |
| B | A229 | Alcedo atthis | | | w | | | | P | DD | D | | | |
| B | A229 | Alcedo atthis | | | c | | | | P | DD | D | | | |
| B | A229 | Alcedo atthis | | | p | | | | P | DD | D | | | |
| F | 1103 | Alosa fallax | | | p | | | | V | DD | B | C | C | C |
| B | A054 | Anas acuta | | | c | | | | C | DD | C | B | C | C |
| B | A054 | Anas acuta | | | w | | | | P | DD | C | B | C | C |
| B | A056 | Anas clypeata | | | c | | | | C | DD | B | B | C | B |
| B | A056 | Anas clypeata | | | w | 1500 | 1500 | i | | G | B | B | C | B |
| B | A052 | Anas crecca | | | w | 4500 | 4500 | i | | G | C | A | C | B |
| B | A052 | Anas crecca | | | c | | | | C | DD | C | A | C | B |
| B | A050 | Anas penelope | | | w | 5000 | 5000 | i | | G | C | B | C | B |
| B | A053 | Anas platyrhynchos | | | p | 30 | 30 | p | | G | C | B | C | B |
| B | A053 | Anas platyrhynchos | | | w | 500 | 1000 | i | | G | C | B | C | B |
| B | A053 | Anas platyrhynchos | | | c | 30 | 30 | p | | G | C | B | C | B |
| B | A055 | Anas querquedula | | | c | | | | C | DD | C | A | C | B |
| B | A055 | Anas querquedula | | | w | | | | R | DD | C | A | C | B |
| B | A051 | Anas strepera | | | c | | | | C | DD | C | A | C | B |
| B | A051 | Anas strepera | | | w | 80 | 80 | i | | G | C | A | C | B |
| B | A043 | Anser anser | | | c | | | | C | DD | B | A | C | A |
| B | A043 | Anser anser | | | w | 1200 | 1200 | i | | G | B | A | C | A |
| B | A255 | Anthus campestris | | | r | | | | P | DD | C | A | C | C |
| F | 1152 | Aphanius fasciatus | | | p | | | | V | DD | B | C | C | C |

[illegible]

| | | | | | | | | | | | | | | |
|---|------|---|--|--|---|-----|-----|---|---|----|---|---|---|---|
| P | 4096 | palustris | | | p | | | | P | DD | C | B | C | B |
| B | A135 | Glareola pratincola | | | c | | | | R | DD | D | | | |
| B | A131 | Himantopus himantopus | | | r | 3 | 3 | p | | G | C | B | C | C |
| B | A022 | Ixobrychus minutus | | | r | 1 | 4 | p | | G | C | C | C | C |
| B | A338 | Lanius collurio | | | r | | | | P | DD | D | | | |
| B | A339 | Lanius minor | | | r | | | | P | DD | D | | | |
| B | A292 | Locustella luscinioides | | | c | | | | P | DD | D | | | |
| B | A152 | Lymnocyptes minimus | | | c | | | | P | DD | C | C | C | C |
| B | A160 | Numenius arquata | | | w | 40 | 40 | i | | G | C | B | C | C |
| B | A159 | Numenius tenuirostris | | | c | | | | V | DD | C | A | C | B |
| B | A214 | Otus scops | | | r | | | | P | DD | D | | | |
| B | A035 | Phoenicopterus ruber | | | w | 500 | 500 | i | | G | B | A | C | B |
| B | A035 | Phoenicopterus ruber | | | p | 80 | 80 | p | | G | B | A | C | B |
| B | A034 | Platalea leucorodia | | | w | 30 | 70 | i | | G | B | A | C | A |
| B | A140 | Pluvialis apricaria | | | w | | | | C | DD | C | A | C | C |
| B | A008 | Podiceps nigricollis | | | c | | | | P | DD | C | B | C | C |
| B | A008 | Podiceps nigricollis | | | w | | | | P | DD | C | B | C | C |
| B | A132 | Recurvirostra avosetta | | | p | | | | P | DD | D | | | |
| B | A303 | Sylvia conspicillata | | | r | | | | P | DD | D | | | |
| B | A048 | Tadorna tadorna | | | r | 2 | 2 | i | | G | C | B | C | C |
| B | A048 | Tadorna tadorna | | | c | | | | C | DD | C | B | C | C |
| B | A048 | Tadorna tadorna | | | w | | | | P | DD | C | B | C | C |
| R | 1217 | Testudo hermanni | | | p | | | | R | DD | C | B | C | B |
| B | A161 | Tringa erythropus | | | w | 100 | 100 | i | | G | C | A | C | C |
| B | A162 | Tringa totanus | | | w | 350 | 350 | i | | G | C | A | C | C |
| B | A142 | Vanellus vanellus | | | w | 350 | 350 | i | | G | C | B | C | C |

- **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

NP: in case that a species is no longer present in the site enter: x (optional)

- ### Other important species of flora and fauna (optional)

[illegible]

| | | | | | | | | | | | | | | |
|---|------|---|--|--|--|--|--|---|---|---|---|--|---|---|
| R | 1250 | Podarcis sicula | | | | | | C | X | | | | | |
| P | | Potamogeton nodosus | | | | | | P | | | | | | X |
| A | 1210 | Rana esculenta | | | | | | C | | X | | | | |
| P | | Sagittaria sagittifolia | | | | | | P | | | X | | | |
| P | | Sarcocornia fruticosa | | | | | | P | | | | | | X |
| P | | SCHOENOPLECTUS TRIQUETER (L.) PALLA | | | | | | P | | | | | | X |
| P | | Scirpus triqueter | | | | | | P | | | | | | X |
| P | | Scirpus fluitans | | | | | | P | | | | | | X |
| P | | Scirpus litoralis | | | | | | R | | | | | | X |
| B | | Sylvia cantillans moltonii | | | | | | R | | | 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

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4.1 General site character

| Habitat class | % Cover |
|---------------------|---------|
| N17 | 15.0 |
| N03 | 70.0 |
| N12 | 15.0 |
| Total Habitat Cover | 100 |

Other Site Characteristics

Vasto ambiente palustre comunicante indirettamente con il mare per mezzo di canalizzazioni. Unico lembo di una più ampia zona umida preesistente.

4.2 Quality and importance

Area di grandissima importanza per la sosta, lo svernamento e la nidificazione dell'avifauna acquatica. Fra i siti ICBP, negli ultimi anni è risultata la zona umida più importante della Toscana per lo svernamento di anatidi; di grande importanza anche per la nidificazione di ardeidi e *Circus aeruginosus*. Presenza fra gli Anfibi del *Triturus carnifex* specie endemica italiana.

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 | G04.01 | | I |
| H | J02.09 | | I |
| H | K01.05 | | I |
| M | G01.03 | | I |
| H | I01 | | I |
| M | M01.05 | | I |
| H | F03.01.01 | | I |
| M | K03.04 | | I |
| M | J02 | | 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 |
| | State/Province |
| | Local/Municipal |
| | Any Public |
| Joint or Co-Ownership | |
| Private | |
| Unknown | |
| sum | |

4.5 Documentation

Archivio RENATO - Repertorio Naturalistico Toscano - Regione Toscana Pianta Vascolari: Comunicazione Pier Virgilio Arrigoni. Comunicazione L. Pignotti. Comunicazione F. Selvi. Herbarium Universitatis Florentinae, Firenze. Herbarium Horti Pisani (PI), Pisa. Tomei P. E., Guazzi E. 1993. Le zone umide della Toscana, lista generale delle entità vegetali Atti Mus. Civ. Stor. Nat. Grosseto, 15: 107-152. Tomei P.E., Longombardo G., Lippi A. 1991. Specie vegetali igrofile delle zone dulciacquicole della Toscana planiziale: aspetti floristici e bioecologici Pacini Editore. Ospedaletto (Pisa). Uccelli: Arcamone E., Baccetti N., Serra L. - 1995 - Limicoli svernanti nelle zone umide costiere della Toscana. Riv. Ital Orn.. 64 (2). Corsi F. 1991. Progetto di conservazione e ripristino ambientale del Padule della Diaccia Botrona Supplemento alle Ricerche di Biologia della Selvaggina 17: 309-312. Corsi F., Giovacchini P. 1995. Atlante degli uccelli svernanti in provincia di Grosseto. inverni 1988/89-1993/94 Amministrazione Provinciale di Grosseto WWF Grosseto. Editrice Caletra. Gretton A. - Action-Plan for the Slender-billed Curlew. Inedito., 1995, Council of Europe, Strasbourg. Puglisi L., Fontanelli A., Baldaccini E. 1995. L'avifauna della Diaccia Botrona: stato attuale e recente evoluzione Ricerche di Biologia della Selvaggina 95: 1-50. Rome' A., Travison G., Rosselli Delturco B. 1981. Indagini sulle zone umide della Toscana. XI. Avifauna della palude di Castiglion della Pescaia e zone limitrofe Gli uccelli d'Italia 6: 7-33. Ravenna. 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. Pesci: Aminti P., Baldaccini N. E., Tinarelli R. 1995. Le zoocenosi In: Progetto generale di assetto dell'area della Diaccia Botrona Riserva Naturale (L.R. 49/95): 42-48. Amministrazione Provinciale di Grosseto. Inedito. Comunicazione Leonardo Favilli. Dipartimento di Scienze del Comportamento Animale e dell'Uomo, Università degli Studi di Pisa (s.d.) Altri elementi della fauna vertebrata In: Indagine faunistico-ambientale sul territorio palustre della Diaccia-Botrona. Insetti: Collezione Rossano Papi, Castelfranco (AR). Crostacei: Ugolini A., Beugnon G., Vannini M. 1988. Orientation and escape reaction in Palaemonetes antennarius Monit. Zool. Ital. (N.S.), 22: 105- 109.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

| Code | Cover [%] | Code | Cover [%] | Code | Cover [%] |
|------|-----------|------|-----------|------|-----------|
| IT02 | 100.0 | IT11 | 100.0 | IT05 | 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: | Provincia di Grosseto. W.W.F. |
| 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)

☐ Yes ☒ No

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

104 II SE - 104 II S 1:25000 Gauss-Boaga