



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 ITA020010
SITENAME Isola di Ustica

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1. SITE IDENTIFICATION

| | | |
|----------------------|-----------------------------------|-----------------------------|
| 1.1 Type C | 1.2 Site code ITA020010 | Back to top |
|----------------------|-----------------------------------|-----------------------------|

1.3 Site name

Isola di Ustica

| | |
|--|-----------------------------------|
| 1.4 First Compilation date 1998-06 | 1.5 Update date 2013-10 |
|--|-----------------------------------|

1.6 Respondent:

Name/Organisation: Regione Siciliana Ass.to Territorio e Ambiente Servizio 4°
Address: Via Ugo La Malfa 169 - 90146 Palermo
Email:

1.7 Site indication and designation / classification dates

| | |
|--|---------|
| Date site classified as SPA: | 1998-12 |
| National legal reference of SPA designation | No data |

| | |
|-------------------------------------|---------|
| Date site proposed as SCI: | 1995-09 |
| Date site confirmed as SCI: | No data |
| Date site designated as SAC: | No data |

National legal reference of SAC designation:

No data

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude

13.175607

Latitude

38.694637

2.2 Area [ha]:

349.0

2.3 Marine area [%]

5.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITG1

Sicilia

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 |
| 1170 | | | 8.69 | | | C | C | A | B |
| 1210 | | | 1.0 | | | D | | | |
| 1240 | | | 23.19 | | | B | C | B | B |
| 1310 | | | 0.1 | 1 | | D | | | |
| 3130 | | | 0.01 | | | D | | | |
| 3150 | | | 0.1 | | | C | C | C | C |

| | | | | | | | | | | | | |
|------|--|--|--------|--|--|---|--|---|--|---|---|---|
| 5330 | | | 99.48 | | | | | C | | C | C | C |
| 6220 | | | 104.15 | | | | | B | | C | B | B |
| 8220 | | | 0.1 | | | | | C | | C | B | B |
| 8320 | | | 1.0 | | | | | C | | C | B | B |
| 8330 | | | | | | 1 | | 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 | | | |
| | | | | | | Min | Max | | | | Pop. | Con. | Iso. | Glo. |
| B | A086 | Accipiter nisus | | | c | | | | P | DD | D | | | |
| B | A293 | Acrocephalus melanopogon | | | c | | | | P | DD | D | | | |
| B | A247 | Alauda arvensis | | | c | | | | P | DD | D | | | |
| B | A229 | Alcedo atthis | | | c | | | | P | DD | C | B | A | B |
| B | A255 | Anthus campestris | | | c | | | | P | DD | D | | | |
| B | A257 | Anthus pratensis | | | w | | | | P | DD | D | | | |
| B | A257 | Anthus pratensis | | | c | | | | P | DD | D | | | |
| B | A226 | Apus apus | | | r | | | | P | DD | C | B | C | B |
| B | A227 | Apus pallidus | | | r | | | | P | DD | C | B | C | B |
| B | A029 | Ardea purpurea | | | c | | | | P | DD | B | B | A | B |
| B | A024 | Ardeola ralloides | | | c | | | | P | DD | D | | | |
| B | A222 | Asio flammeus | | | c | | | | P | DD | D | | | |
| B | A021 | Botaurus stellaris | | | c | | | | P | DD | D | | | |
| B | A133 | Burhinus oedicnemus | | | c | | | | P | DD | D | | | |
| B | A243 | Calandrella brachydactyla | | | r | | | | P | DD | D | | | |

| | | | | | | | | | | | | | | |
|---|------|---------------------------------------|--|--|---|--|--|--|---|----|---|---|---|---|
| B | A010 | Calonectris diomedea | | | r | | | | P | DD | C | A | C | A |
| B | A010 | Calonectris diomedea | | | c | | | | P | DD | C | A | C | A |
| B | A010 | Calonectris diomedea | | | w | | | | P | DD | C | A | C | A |
| B | A224 | Caprimulgus europaeus | | | c | | | | P | DD | C | B | B | B |
| B | A365 | Carduelis spinus | | | c | | | | P | DD | D | | | |
| B | A197 | Chlidonias niger | | | c | | | | P | DD | D | | | |
| B | A031 | Ciconia ciconia | | | c | | | | P | DD | B | B | A | B |
| B | A030 | Ciconia nigra | | | c | | | | P | DD | D | | | |
| B | A080 | Circus gallicus | | | c | | | | P | DD | D | | | |
| B | A081 | Circus aeruginosus | | | c | | | | P | DD | B | B | A | B |
| B | A082 | Circus cyaneus | | | c | | | | P | DD | D | | | |
| B | A084 | Circus pygargus | | | c | | | | P | DD | D | | | |
| B | A289 | Cisticola juncidis | | | r | | | | P | DD | D | | | |
| B | A231 | Coracias garrulus | | | c | | | | P | DD | D | | | |
| B | A122 | Crex crex | | | c | | | | P | DD | D | | | |
| B | A212 | Cuculus canorus | | | c | | | | P | DD | D | | | |
| B | A027 | Egretta alba | | | c | | | | P | DD | D | | | |
| B | A026 | Egretta garzetta | | | c | | | | P | DD | C | B | C | B |
| B | A269 | Erithacus rubecula | | | w | | | | P | DD | D | | | |
| B | A269 | Erithacus rubecula | | | c | | | | P | DD | D | | | |
| B | A098 | Falco columbarius | | | c | | | | P | DD | D | | | |
| B | A100 | Falco eleonora | | | r | | | | P | DD | B | B | A | B |
| B | A095 | Falco naumanni | | | c | | | | P | DD | B | B | A | B |
| B | A103 | Falco peregrinus | | | p | | | | P | DD | B | B | A | B |
| B | A099 | Falco subbuteo | | | c | | | | P | DD | D | | | |
| B | A097 | Falco vespertinus | | | c | | | | P | DD | D | | | |
| B | A097 | Falco vespertinus | | | c | | | | P | DD | D | | | |
| B | A321 | Ficedula albicollis | | | c | | | | P | DD | D | | | |
| B | A322 | Ficedula hypoleuca | | | c | | | | P | DD | D | | | |

| | | | | | | | | | | | | | | |
|---|------|---|--|--|---|--|--|--|---|----|---|---|---|---|
| B | A320 | Ficedula parva | | | c | | | | P | DD | D | | | |
| B | A442 | Ficedula semitorquata | | | c | | | | P | DD | D | | | |
| B | A189 | Gelochelidon nilotica | | | c | | | | P | DD | D | | | |
| B | A135 | Glareola pratincola | | | c | | | | P | DD | D | | | |
| B | A127 | Grus grus | | | c | | | | P | DD | D | | | |
| B | A092 | Hieraetus pennatus | | | c | | | | P | DD | D | | | |
| B | A131 | Himantopus himantopus | | | c | | | | P | DD | D | | | |
| B | A251 | Hirundo rustica | | | c | | | | P | DD | D | | | |
| B | A014 | Hydrobates pelagicus | | | p | | | | P | DD | A | A | B | A |
| B | A022 | Ixobrychus minutus | | | c | | | | P | DD | B | B | A | B |
| B | A338 | Lanius collurio | | | c | | | | P | DD | D | | | |
| B | A339 | Lanius minor | | | c | | | | P | DD | D | | | |
| B | A341 | Lanius senator | | | c | | | | P | DD | D | | | |
| B | A176 | Larus melanocephalus | | | w | | | | P | DD | C | B | C | B |
| B | A246 | Lullula arborea | | | c | | | | P | DD | D | | | |
| B | A073 | Milvus migrans | | | c | | | | P | DD | D | | | |
| B | A074 | Milvus milvus | | | c | | | | P | DD | D | | | |
| B | A023 | Nycticorax nycticorax | | | c | | | | P | DD | C | B | A | B |
| B | A278 | Oenanthe hispanica | | | c | | | | P | DD | D | | | |
| B | A337 | Oriolus oriolus | | | c | | | | P | DD | D | | | |
| B | A214 | Otus scops | | | c | | | | P | DD | D | | | |
| B | A094 | Pandion haliaetus | | | c | | | | P | DD | B | B | A | B |
| B | A072 | Pernis apivorus | | | c | | | | P | DD | B | B | A | B |
| B | A017 | Phalacrocorax carbo | | | w | | | | P | DD | C | B | B | B |
| B | A151 | Philomachus pugnax | | | c | | | | P | DD | D | | | |
| B | A663 | Phoenicopterus roseus | | | c | | | | P | DD | D | | | |
| B | A274 | Phoenicurus phoenicurus | | | c | | | | P | DD | D | | | |
| B | A034 | Platalea leucorodia | | | c | | | | P | DD | D | | | |
| B | A032 | Plegadis falcinellus | | | c | | | | P | DD | D | | | |
| B | A140 | Pluvialis apricaria | | | c | | | | P | DD | D | | | |

| | | | | | | | | | | | | | | | |
|---|------|--|--|--|---|--|--|--|---|----|---|---|---|---|--|
| B | A120 | Porzana parva | | | c | | | | P | DD | D | | | | |
| B | A119 | Porzana porzana | | | c | | | | P | DD | D | | | | |
| B | A464 | Puffinus yelkouan | | | c | | | | P | DD | D | | | | |
| B | A132 | Recurvirostra avosetta | | | c | | | | P | DD | D | | | | |
| B | A195 | Sterna albifrons | | | c | | | | P | DD | D | | | | |
| B | A191 | Sterna sandvicensis | | | c | | | | P | DD | B | B | A | B | |
| B | A210 | Streptopelia turtur | | | c | | | | P | DD | D | | | | |
| B | A016 | Sula bassana | | | c | | | | P | DD | D | | | | |
| B | A166 | Tringa glareola | | | c | | | | P | DD | D | | | | |
| B | A285 | Turdus philomelos | | | c | | | | P | DD | D | | | | |
| B | A232 | Upupa epops | | | c | | | | 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 | |
| I | | Alphasida grossa sicula | | | | | | P | | | | X | | | |
| P | | Anthemis secundiramea intermedia | | | | | | R | | | | X | | | |
| P | | Biscutella maritima | | | | | | R | | | | X | | | |
| P | | Bryum dunense | | | | | | P | | | X | | | | |
| A | 1201 | Bufo viridis | | | | | | P | X | | | | | | |
| P | | Callitriche truncata | | | | | | V | | | X | | | | |
| I | | Chiloneus meridionalis | | | | | | P | | | X | | | | |
| P | | Crassula vaillantii | | | | | | R | | | X | | | | |

| | | | | | | | | | | | | | | | | | |
|---|--|---|--|--|--|--|--|--|---|--|--|---|---|--|---|--|---|
| I | | Cryptops punicus | | | | | | | R | | | | | | | | X |
| I | | Ectobius usticaensis | | | | | | | P | | | X | | | | | |
| I | | Erodium (Erodium) siculus siculus | | | | | | | P | | | | X | | | | |
| P | | Euphorbia dendroides | | | | | | | C | | | | | | X | | |
| I | | Geotrogus sicelis | | | | | | | R | | | | X | | | | |
| P | | Juncus sorrentini | | | | | | | P | | | X | | | | | |
| P | | Lemna gibba | | | | | | | P | | | | | | | | X |
| P | | Limonium bocconeii | | | | | | | C | | | | X | | | | |
| I | | Opatrum validum marcuzzii | | | | | | | R | | | | X | | | | |
| P | | Ophrys bombyliflora | | | | | | | R | | | | | | X | | |
| P | | Ophrys lutea subsp. lutea | | | | | | | R | | | | | | X | | |
| P | | Ophrys tenthredinifera | | | | | | | R | | | | | | X | | |
| P | | Ophrys vernixia subsp. vernixia | | | | | | | R | | | | | | X | | |
| P | | Orchis collina | | | | | | | R | | | | | | X | | |
| P | | Orchis italica | | | | | | | R | | | | | | X | | |
| I | | Pseudomogoplistes squamiger | | | | | | | R | | | | | | | | X |
| P | | Quercus ilex | | | | | | | V | | | | | | | | X |
| P | | Riccia cavernosa | | | | | | | P | | | | | | | | X |
| P | | Senecio siculus | | | | | | | R | | | | X | | | | |
| P | | Serapias parviflora | | | | | | | R | | | | | | X | | |
| P | | Seseli bocconi subsp. bocconi | | | | | | | V | | | | X | | | | |
| P | | Silene rubella subsp. turbinata | | | | | | | P | | | X | | | | | |
| I | | Spelaeoniscus costai | | | | | | | R | | | | X | | | | |
| I | | Stenoniscus carinatus | | | | | | | R | | | | | | | | X |
| I | | Vesperus luridus | | | | | | | 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

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4.1 General site character

| Habitat class | % Cover |
|----------------------------|------------|
| N05 | 18.0 |
| N12 | 10.0 |
| N09 | 17.0 |
| N08 | 10.0 |
| N18 | 1.0 |
| N23 | 3.0 |
| N20 | 40.0 |
| N22 | 1.0 |
| Total Habitat Cover | 100 |

Other Site Characteristics

L'isola di Ustica si colloca nel Mar Tirreno, al largo di Palermo, dove rappresenta il relitto emerso di un vasto edificio di vulcani sottomarini, allineati lungo una faglia con direzione est-ovest e localizzati a profondità di oltre 1000 m. L'isola si estende per 8,65 kmq, nel cui ambito il sito occupa una superficie di 332,13 m, interessando quasi tutta la fascia costiera, oltre il crinale di Cresta del Fallo (m 234) e M. Guardia dei Turchi (m 238). Dal punto di vista litologico, il territorio è costituito da rocce vulcaniche (in buona parte di genesi sub-marina) da ricondurre al Quaternario, ad esclusione di esigui strati sedimentari di mare poco profondo affioranti in maniera discontinua lungo la costa. Sotto l'aspetto bioclimatico l'isola rientra preminentemente nel termomediterraneo secco inferiore, con temperature medie annue di 16,6 °C e precipitazioni medie di 363 mm.

4.2 Quality and importance

Essendo un'isola vulcanica di recente formazione, Ustica è povera di specie endemiche, concentrate soprattutto lungo la costa. La zona interna soffre di problemi legati all'antica antropizzazione che ne ha sconvolto nel tempo i caratteri fisionomici e strutturali della copertura vegetale. Il biotopo si trova lungo la principale rotta migratoria di numerose specie di uccelli, alcune delle quali di presenza accidentali nel Mediterraneo. L'isola di Ustica risulta di particolare importanza ornitologica in quanto luogo di sosta di numerosi uccelli in migrazione primaverile e soprattutto autunnale.

4.5 Documentation

CARRATELLO A. & RAIMONDO F.M., 1997 - Contribution à la connaissance de la bryoflore dell'île d'Ustica (Sicile). - *Bocconea* 5(2): 919-926. CONTI F., MANZI A., PEDROTTI F., 1992 - Libro rosso delle piante d'Italia. - Società Botanica Italiana e Associazione Italiana per il World Wildlife Fund, Camerino, 637 pp. CONTI F., MANZI A., PEDROTTI F., 1997 - Liste Rosse Regionali delle Piante d'Italia. - Società Botanica Italiana e Associazione Italiana per il World Wildlife Fund, pp. 104. Camerino (MC). CORTINI PEDROTTI C., ALEFFI M., 1996 - Lista Rossa delle Briofite d'Italia. - In CONTI F., MANZI A., PEDROTTI F., 1992, Società Botanica Italiana e Associazione Italiana per il World Wildlife Fund, Camerino, pp. 559-635. IAPICHINO C. & MASSA B., 1989 - The Birds of Sicily. B.O.U. Checklist n.11, London. LO VALVO F. 1998 - Status e conservazione dell'erpetofauna siciliana. *Naturalista sicil.* XXII: 53-71. LO VALVO M., MASSA B. & SARÀ M., 1993 - Uccelli e paesaggio in Sicilia alle soglie del terzo millennio. *Naturalista sicil.* XVII:1-376. LOJACONO-POJERO M., 1888-1909 - Flora Sicula o descrizione delle piante spontanee o indigenate in Sicilia. - Palermo, 5 voll. LORENZ R. & LORENZ K., 2002 - Zur Orchideenflora zirkumsizilianischer Inseln. - *Jber. naturwiss. Ver. Wuppertal*, 55: 100-162. RAIMONDO F.M., GIANGUZZI L., ILARDI V., 1994 - Inventario delle specie "a rischio" nella flora vascolare nativa della Sicilia. - *Quad. Bot. Ambientale Appl.*, 3 (1992): 65-132. RAIMONDO F.M., GIANGUZZI L., VENTURELLA G., LO VALVO M., 1990 - Indagine preliminare sul patrimonio biologico-ambientale delle coste siciliane. - *Quad. Bot. Ambientale Appl.*, 1: 131-182. Riggio S. & Massa B., 1975 - Problemi di conservazione della natura in Sicilia. 1° contributo per un'analisi della degradazione ambientale ed elenco delle aree dell'isola di maggiore interesse naturalistico. - *Atti IV Simp. naz. Conserv. Natura*, Bari, 2: 299-425. RONSISVALLE G.A., 1971 - Flora e vegetazione dell'Isola di Ustica. - *Lav. Soc. Ital. Biogeogr.*, n.s., 3 (1972): 21-81. SOCIETAS

HERPETOLOGICA ITALICA, 1996 - Atlante provvisorio degli Anfibi e Rettili italiani - Annali Mus. Civ. St. nat. G.Doria, Genova, 91: 95-178.SPARACIO I., 1993-1999 - Coleotteri di Sicilia. Vol.I, II, III. Ed. L'Epos.TUCKER G.M. & HEATH F.H., 1994 - Birds in Europe: their conservation status. Birdlife Conservation Series n.3 - Birdlife International, Cambridge.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

| Code | Cover [%] | Code | Cover [%] | Code | Cover [%] |
|------|-----------|------|-----------|------|-----------|
| IT05 | 35.0 | | | | |

5.2 Relation of the described site with other sites:

designated at national or regional level:

| Type code | Site name | Type | Cover [%] |
|-----------|------------------------|------|-----------|
| IT05 | R.N.O. Isola di Ustica | * | 35.0 |

6. SITE MANAGEMENT

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6.2 Management Plan(s):

An actual management plan does exist:

| | |
|---|--|
| <input checked="" type="checkbox"/> Yes | Name: Piano di gestione Isola di Ustica decreto n. 894 del 24/11/10 Link: _____ |
| <input type="checkbox"/> No, but in preparation | |
| <input type="checkbox"/> No | |

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).

115 IV° SO - 115 III 1:25000 Gauss-Boaga