



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 ITA040001
SITENAME Isola di Linosa

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code ITA040001	Back to top
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1.3 Site name

Isola di Linosa

1.4 First Compilation date 1998-06	1.5 Update date 2019-12
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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:	0000-00
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:	2015-12
National legal reference of SAC designation:	DM 21/12/2015 - G.U. 8 del 12-01-2016

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 12.865951 **Latitude** 35.861944

2.2 Area [ha]: 435.0 **2.3 Marine area [%]:** 8.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code	Region Name
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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			2.48		M	B	C	B	B
1210			0.1		M	C	C	B	B
1240			39.89		M	B	C	B	B
2110			2.28		P	D			
5210			0.1		P	D			
5320			19.94		P	D			
5330			175.68		M	B	C	B	B
5430			0.56		M	B	C	B	C
6220			27.69		M	C	C	C	C
8220			0.27		M	B	C	B	B
8320			0.41		M	B	C	A	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	A086	Accipiter nisus			c				P	DD	C	A	B	A
B	A298	Acrocephalus arundinaceus			c				P	DD	C	A	B	A
B	A295	Acrocephalus schoenobaenus			c				P	DD	C	A	B	A
B	A297	Acrocephalus scirpaceus			c				P	DD	C	A	B	A
B	A168	Actitis hypoleucos			c				P	DD	C	A	B	A
B	A247	Alauda arvensis			c				P	DD	C	A	B	A
B	A229	Alcedo atthis			c				P	DD	C	A	B	A
B	A054	Anas acuta			c				P	DD	C	A	B	A
B	A050	Anas penelope			c				P	DD	C	A	B	A
B	A053	Anas platyrhynchos			c				P	DD	C	A	B	A
B	A055	Anas querquedula			c				P	DD	C	A	B	A
B	A255	Anthus campestris			c				P	DD	A	B	C	B
B	A258	Anthus cervinus			c				P	DD	C	A	B	A
B	A257	Anthus pratensis			c				P	DD	C	A	B	A
B	A256	Anthus trivialis			c				P	DD	C	A	B	A
B	A226	Apus apus			c				P	DD	C	A	B	A
B	A228	Apus melba			c				P	DD	C	A	B	A
B	A227	Apus pallidus			c				P	DD	C	A	B	A
B	A028	Ardea cinerea			c				P	DD	C	A	B	A
B	A029	Ardea purpurea			c				P	DD	C	B	B	B
B	A024	Ardeola ralloides			p				P	DD	C	A	B	A
B	A222	Asio flammeus			c				P	DD	C	A	B	A
B	A221	Asio otus			c				P	DD	C	A	B	A
B	A452	Bucanetes githagineus			c				P	DD	C	A	B	A

B	A133	Burhinus oedicnemus			c				P	DD	C	A	B	A
B	A087	Buteo buteo			c				P	DD	C	A	B	A
B	A243	Calandrella brachydactyla			r				P	DD	B	B	C	B
B	A144	Calidris alba			c				P	DD	C	A	B	A
B	A145	Calidris minuta			c				P	DD	C	A	B	A
B	A146	Calidris temminckii			c				P	DD	C	A	B	A
B	A010	Calonectris diomedea			c				P	DD	A	A	C	A
B	A010	Calonectris diomedea			w				P	DD	A	A	C	A
B	A010	Calonectris diomedea			r	10000	10000	i		G	A	A	C	A
B	A224	Caprimulgus europaeus			c				P	DD	C	B	B	B
B	A364	Carduelis carduelis			c				P	DD	C	A	B	A
B	A363	Carduelis chloris			c				P	DD	C	A	B	A
R	1224	Caretta caretta			p				R	DD	A	C	A	C
B	A268	Cercotrichas galactotes			c				P	DD	D			
B	A138	Charadrius alexandrinus			c				P	DD	C	A	B	A
B	A136	Charadrius dubius			c				P	DD	C	A	B	A
B	A137	Charadrius hiaticula			c				P	DD	C	A	B	A
B	A139	Charadrius morinellus			c				P	DD	C	A	B	A
B	A031	Ciconia ciconia			c				P	DD	C	A	B	A
B	A030	Ciconia nigra			c				P	DD	C	A	B	A
B	A081	Circus aeruginosus			c				P	DD	C	A	B	A
B	A082	Circus cyaneus			c				P	DD	C	A	B	A
B	A083	Circus macrourus			c				P	DD	C	A	B	A
B	A084	Circus pygargus			c				P	DD	C	A	B	A
B	A208	Columba palumbus			c				P	DD	C	A	B	A
B	A231	Coracias garrulus			c				P	DD	C	A	B	A
B	A113	Coturnix coturnix			c				P	DD	C	A	B	A
B	A212	Cuculus canorus			c				P	DD	D			
B	A253	Delichon urbica			c				P	DD	C	A	B	A
B	A026	Egretta garzetta			c				P	DD	C	B	C	B
B	A379	Emberiza hortulana			c				P	DD	C	A	B	A
B	A269	Erithacus rubecula			c				P	DD	C	A	B	A
B	A100	Falco eleonora			c				P	DD	A	B	C	A
B	A095	Falco naumanni			c				P	DD	C	A	B	A
B	A103	Falco peregrinus			p				R	DD	B	B	A	A
B	A099	Falco subbuteo			c				P	DD	C	A	B	A
B	A097	Falco vespertinus			c				P	DD	C	A	B	A
B	A321	Ficedula albicollis			c				P	DD	C	B	C	B
B	A322	Ficedula hypoleuca			c				P	DD	C	A	B	A
B	A320	Ficedula parva			c				P	DD	C	A	B	A
B	A442	Ficedula semitorquata			c				R	DD	D			
B	A359	Fringilla coelebs			c				P	DD	C	A	B	A
B	A125	Fulica atra			c				P	DD	C	A	B	A
B	A153	Gallinago gallinago			c				P	DD	C	A	B	A
B	A123	Gallinula chloropus			c				P	DD	D			
B	A127	Grus grus			c				P	DD	C	A	B	A
B	A092	Hieraaetus pennatus			c				P	DD	C	A	B	A
B	A131	Himantopus himantopus			c				P	DD	C	A	B	A
B	A299	Hippolais icterina			c				P	DD	D			
B	A300	Hippolais polyglotta			c				P	DD	D			
B	A252	Hirundo daurica			c				P	DD	D			
B	A251	Hirundo rustica			c				P	DD	D			
B	A014	Hydrobates pelagicus			c				P	DD	A	A	B	A
B	A022	Ixobrychus minutus			c				P	DD	C	A	B	A
B	A233	Jynx torquilla			c				P	DD	D			
B	A338	Lanius collurio			c				P	DD	C	A	B	A
B	A341	Lanius senator			c				P	DD	D			
B	A183	Larus fuscus			c				P	DD	C	A	B	A
B	A180	Larus genei			c				P	DD	C	A	B	A
B	A176	Larus melanocephalus			w				P	DD	C	B	C	B

B	A604	Larus michahellis			c				P	DD	C	A	B	A
B	A179	Larus ridibundus			c				P	DD	C	A	B	A
P	4114	Linaria pseudolaxiflora			p				P	DD	A	B	B	B
B	A292	Locustella luscinioides			c				P	DD	C	A	B	A
B	A246	Lullula arborea			c				P	DD	C	A	B	A
B	A271	Luscinia megarhynchos			c				P	DD	C	A	B	A
B	A230	Merops apiaster			c				P	DD	C	A	B	A
B	A073	Milvus migrans			c				P	DD	C	A	B	A
B	A280	Monticola saxatilis			c				P	DD	C	A	B	A
B	A262	Motacilla alba			c				P	DD	C	A	B	A
B	A261	Motacilla cinerea			c				P	DD	C	A	B	A
B	A260	Motacilla flava			c				P	DD	C	A	B	A
B	A319	Muscicapa striata			c				P	DD	C	A	B	A
B	A023	Nycticorax nycticorax			c				P	DD	C	B	A	B
B	A278	Oenanthe hispanica			c				P	DD	D			
B	A277	Oenanthe oenanthe			c				P	DD	C	A	B	A
B	A337	Oriolus oriolus			c				P	DD	C	A	B	A
B	A214	Otus scops			c				P	DD	D			
B	A094	Pandion haliaetus			c				P	DD	C	A	B	A
B	A072	Pernis apivorus			c				P	DD	C	B	A	B
P	1395	Petalophyllum ralfsii			p				P	DD	C	B	A	B
B	A017	Phalacrocorax carbo			w				P	DD	D			
B	A151	Philomachus pugnax			c				P	DD	C	A	B	A
B	A035	Phoenicopterus ruber			c				P	DD	C	A	B	A
B	A273	Phoenicurus ochruros			c				P	DD	C	A	B	A
B	A274	Phoenicurus phoenicurus			c				P	DD	D			
B	A313	Phylloscopus bonelli			c				P	DD	D			
B	A315	Phylloscopus collybita			c				P	DD	D			
B	A314	Phylloscopus sibilatrix			c				P	DD	D			
B	A316	Phylloscopus trochilus			c				P	DD	D			
B	A034	Platalea leucorodia			c				P	DD	C	A	B	A
B	A140	Pluvialis apricaria			c				P	DD	C	A	B	A
B	A141	Pluvialis squatarola			c				P	DD	D			
B	A008	Podiceps nigricollis			c				P	DD	D			
B	A266	Prunella modularis			c				P	DD	D			
B	A464	Puffinus yelkouan			p				P	DD	C	A	B	A
B	A464	Puffinus yelkouan			c				P	DD	C	A	B	A
B	A318	Regulus ignicapillus			c				P	DD	D			
B	A249	Riparia riparia			c				P	DD	D			
B	A275	Saxicola rubetra			c				P	DD	D			
B	A155	Scolopax rusticola			c				P	DD	C	A	B	A
B	A361	Serinus serinus			c				P	DD	C	A	B	A
B	A191	Sterna sandvicensis			c				P	DD	C	A	B	A
B	A210	Streptopelia turtur			c				P	DD	C	A	B	A
B	A351	Sturnus vulgaris			c				P	DD	C	A	B	A
B	A311	Sylvia atricapilla			c				P	DD	D			
B	A310	Sylvia borin			c				P	DD	D			
B	A309	Sylvia communis			c				P	DD	D			
B	A308	Sylvia curruca			c				P	DD	D			
B	A301	Sylvia sarda			c				P	DD	C	A	B	A
B	A302	Sylvia undata			c				P	DD	C	A	B	A
B	A048	Tadorna tadorna			c				P	DD	D			
B	A161	Tringa erythropus			c				P	DD	D			
B	A166	Tringa glareola			c				P	DD	C	A	B	A
B	A164	Tringa nebularia			c				P	DD	D			
B	A165	Tringa ochropus			c				P	DD	D			
B	A286	Turdus iliacus			c				P	DD	D			
B	A283	Turdus merula			c				P	DD	D			
B	A282	Turdus torquatus			c				P	DD	D			
B	A287	Turdus viscivorus			c				P	DD	D			

B	A213	Tyto alba			c				P	DD	D			
B	A232	Upupa epops			c				P	DD	C	A	B	A
B	A142	Vanellus vanellus			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		Allophylax costatipennis costatipennis						R						X
I		Aphodius vitellinus						R						X
P		Bellium minutum						R			X			
I		Brachytripes megacephalus						R						X
I		Calliptamus italicus grandis						P			X			
I		Caminara olivieri						R						X
I		Campalita algerica						R						X
P		Caralluma europaea subsp. europaea						R			X			
R	1274	Chalcides ocellatus						P	X					
I		Cilyndera (Cicindina) trisignata siciliensis						R				X		
I		Cymidis (Cymindis) laevistriata						R						X
I		Dyschirius armatus						R						X
P		Erodium neuradifolium var. linosae						P			X			
P		Euphorbia dendroides						C					X	
P		Heliotropium dolosum						P			X			
I		Himantarium mediterraneum						R						X
P		Juniperus turbinata						R			X			
P		Limoniastrum monopetalum						P			X			
P		Limonium albiduum						P			X			
P		Limonium algusae						R			X			
P		Limonium lopadusanum						P			X			
I		Lophyra (Lophyra) flexuosa circumflexa						R				X		
I		Niphona picticornis						R						X
I		Nisia atrovenosa						R						X
I		Otiorynchus (Arammichnus) linussae						R				X		
I		Pamphagus ortolaniae						P			X			
P		Pancratium angustifolium						P			X			
R	1237	Podarcis filfolensis						P	X					
I		Pseudoapterogyna vorax						R				X		
I		Pseudomogoplistes squamiger						R						X
P		Reichardia tingitana						R			X			
I		Sphingonotus azureus						P			X			
I		Sphingonotus personatus						R						X

I		Stenosis brignonei						P			X		
B		Streptopelia senegalensis						R					X
B		Sylvia nana						R					X
I		Tentyria grossa sommierii						R			X		
P		Valantia calva						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

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4.1 General site character

Habitat class	% Cover
N22	13.0
N15	25.0
N23	2.0
N08	17.0
N09	23.0
N05	13.0
N20	7.0
Total Habitat Cover	100

Other Site Characteristics

L'isola di Linosa, estesa su 5,4 kmq, è costituita da rocce vulcaniche quaternarie legate ad attività eruttive ripetute. Essa risulta quindi caratterizzata da diversi conici formati da materiale piroclastico con massima altitudine di 195 m (Monte Vulcano). Lungo le limitate aree pianeggianti risulta ancora oggi praticata l'agricoltura, con riferimento in particolare a vigneti e colture orticole. Così come per Lampedusa, anche a Linosa le precipitazioni annue risultano estremamente variabili, anche se i valori medi appaiono superiori a testimoniare una maggiore oceanicità climatica; il bioclimate è stato riferito all'inframediterraneo secco superiore. L'isola oltre ad essere estremamente interessante da un punto di vista biogeografico è di grande valore paesaggistico, le opere antropiche sono state infatti eseguite secondo le tecniche tradizionali utilizzando spesso i materiali disponibili in loco.

4.2 Quality and importance

Ambiente unico sia dal punto di vista naturalistico che paesaggistico. L'Arcipelago delle Pelagie include aree di notevole interesse naturalistico-ambientale, con aspetti di vegetazione xerofila peculiari. A Linosa sono presenti diverse specie vegetali rare o del tutto assenti nel territorio italiano, mentre sotto l'aspetto vegetazionale di un certo rilievo sono le formazioni arbustive ed alofite-rupicole. L'isola di Linosa ospita la più grande colonia di *Calonectris diomedea* presente nel Mediterraneo con oltre 10.000 coppie. Numerose le specie di insetti endemici esclusivi di Linosa. Per quanto riguarda l'erpetofauna, interessante è la popolazione endemica di *Podarcis filfolensis laurentiimuelleri*, e la zona di ovideposizione della *Caretta caretta* nella spiaggia di pozzolana di ponente.

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	E03		b
M	F03		i
M	J01.01		b
M	D03.01.01		i
M	G05		i
M	D01.03		i
L	E06		i
H	D01.01		i
L	D04.02		i
L	F05		i
L	E02		b
M	K01.01		i
M	E04		i
H	D03.01.02		i
L	E05		i
L	F04		i
L	D01.02		i
H	E01		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]

4.4 Ownership (optional)

4.5 Documentation

AA.VV., 1995 - Arthropoda di Lampedusa, Linosa e Pantelleria - Naturalista sicil., XIX (suppl.), 900 pp. BRULLO S., SIRACUSA G., 1995 - LA Flora dell'Isola di Linosa. Boll. Acc. Gioenia Sci. Nat., 28: 471-497. BULGARINI F., CALVARIO E., FRATICELLI F., PETRETTI F. & SARROCCO S. (Eds), 1998 - Libro Rosso degli Animali d'Italia. Vertebrati - WWF Italia, Roma. CERFOLLI F., PETRASSI F. & PETRETTI F. (Eds), 2002 - Libro Rosso degli Animali d'Italia. Invertebrati - WWF Italia, Roma. 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). GRIMMETT R.F.A. & JONES T.A., 1989 - Important Bird Area in Europe - ICBP Technical Publication N.9, 900 pp. 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. PAVAN M. (a cura), 1992 - Contributo per un "Libro Rosso" della fauna e della flora minacciate in Italia - Ist. Entom. Univ. Pavia, 720 pp. 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. 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. 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)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT11	100.0	IT05	62.0		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT05	RNO Isola di Linosa	*	96.0

designated at international level:

Type	Site name	Type	Cover [%]
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5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the 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 Isole Pelagie decreto n.861 del 15/11/2010 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)

Yes No

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

61160 1:10000 UTM32N WGS84