



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 ES6150017
SITENAME Marisma de Las Carboneras

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	ES6150017	

1.3 Site name

Marisma de Las Carboneras

1.4 First Compilation date	1.5 Update date
1999-04	2022-10

1.6 Respondent:

Name	DIRECCIÓN GENERAL DE ESPACIOS NATURALES PROTEGIDOS. CONSEJERÍA DE SOSTENIBILIDAD, MEDIO AMBIENTE Y
/Organisation:	ECONOMÍA AZUL. JUNTA DE ANDALUCÍA.
Address:	AVDA. MANUEL SIUROT, 50. 41013-SEVILLA, ESPAÑA - TLFNO.: +34 955 00 34 00
Email:	natura2000fnd.csmaea@juntadeandalucia.es

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:	1999-04
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]:

Longitude -6.9984
Latitude 37.2659

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2.2 Area [ha]:

263.37

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
ES61	Andalucía

2.6 Biogeographical Region(s)

Mediterranean (100.0 %)

Marine (0.0 %)

Atlantic %)

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
1130			4.489		M	C	C		
1140			20.143		M	C	C		
1310			11.124		M	A	C	A	A
1320			9.636		M	A	C	B	B
1420			154.145		M	A	C	A	A

- **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	A229	Alcedo atthis			p				P	DD	C	C	C	C
B	A029	Ardea purpurea			r				C	DD	C	B	C	B
B	A133	Burhinus oedicnemus			p				P	DD	C	C	C	C
B	A861	Calidris pugnax			w				R	DD	D			
B	A138	Charadrius alexandrinus			p				P	DD	C	B	C	B
B	A136	Charadrius dubius			w				P	DD	D			
B	A197	Chlidonias niger			c				R	DD	D			
B	A031	Ciconia ciconia			p				C	DD	C	B	C	B
B	A081	Circus aeruginosus			p				P	DD	C	B	C	B

A	1194	Discoglossus galganoi			p				P	DD	C	C	C	C
B	A026	Egretta garzetta			p				C	DD	C	B	C	B
R	1220	Emys orbicularis			p				P	DD	C	C	C	C
B	A126	Fulica cristata			p				R	DD	C	B	C	B
B	A131	Himantopus himantopus			p				C	DD	C	B	C	B
B	A894	Hydroprogne caspia			c				V	DD	D			
B	A022	Ixobrychus minutus			r				P	DD	D			
B	A181	Larus audouinii			c				P	DD	D			
B	A180	Larus genei			c				P	DD	D			
B	A176	Larus melanocephalus			c				P	DD				
B	A157	Limosa lapponica			c				P	DD	C	B	C	B
M	1355	Lutra lutra			p				P	DD	C	C	C	C
R	1221	Mauremys leprosa			p				P	DD	C	C	C	C
B	A023	Nycticorax nycticorax			p				P	DD	C	B	C	B
B	A071	Oxyura leucocephala			p				R	DD	C	B	C	B
B	A094	Pandion haliaetus			w	1	3	i	P	G	D	B	C	B
B	A684	Phalacrocorax aristotelis aristotelis			c				P	DD				
B	A663	Phoenicopterus roseus			p				P	DD	C	A	C	A
B	A034	Platalea leucorodia			r				C	DD	C	A	C	A
B	A032	Plegadis falcinellus			p				C	DD	C	B	C	B
B	A722	Porphyrio porphyrio porphyrio			p				P	DD	C	B	C	B
B	A132	Recurvirostra avosetta			p				C	DD	C	B	C	B
B	A193	Sterna hirundo			r				P	DD	C	B	C	B
B	A885	Sternula albifrons			r				C	DD	C	B	B	B

- **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
A	1192	Alytes cisternasii						P	X		X		X	
F		Anguilla anguilla			6	0	grids1x1	P			X			X
R	1272	Chalcides bedriagai						P	X		X			
A	6284	Epidalea calamita						P	X		X		X	
A	1205	Hyla meridionalis						P	X		X		X	
A	1198	Pelobates cultripes						P	X		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
N23	0.89
N17	7.12
N02	9.86
N08	9.77
N03	72.36
Total Habitat Cover	100

Other Site Characteristics

Este espacio se compone de brazos de marisma mareal integrados en el sector norte del extenso complejo marismeño que se desarrolla en la desembocadura de los ríos Odiel y Tinto. Esta tipología de humedal se caracteriza por presentar una clara influencia y dependencia del régimen de oscilación de las mareas, que condiciona, a su vez, la biodiversidad que alberga. Así mismo, cuenta con red de drenaje y suelos de escaso desarrollo compuestos por sedimentos de reciente deposición y alternancia de texturas. La redistribución de estos sedimentos y nutrientes de las mareas determina, por un lado, el crecimiento de la marisma como único ecosistema en expansión; y, por otro, que sean considerados como uno de los ecosistemas con mayor productividad del planeta.

4.2 Quality and importance

Importante para hábitats de la Directiva 92/43/CEE. En este humedal del tipo marisma mareal destaca la vegetación halófila mediterránea de marisma que motivó su inclusión en la red Natura 2000, por tratarse de hábitats deficitarios en el conjunto de la Unión Europea. Entre las especies vegetales presentes destaca por su papel ecológico la *Spartina maritima*, al tener la capacidad de favorecer la creación de nuevas zonas de marismas por medio de retención y acreción de sedimentos. Al mismo tiempo la presencia de estos hábitats permite el desarrollo de una rica avifauna, que nidifica en ellas o las utiliza como zona de alimentación durante la bajamar.

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	G01.02		i
M	J02.05		o
L	H01.05		o
M	K01.02		i
L	H03.01		o
H	F02.03.01		i
H	G05.01		i
M	E01		o
H	J03.01		i
L	A01		o
H	D01.01		i
H	I01		b
M	J03.02		i
L	A02		o
M	D01.02		o

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
L	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	91.75
	State/Province	0
	Local/Municipal	8.25
	Any Public	0
Joint or Co-Ownership		0
Private		0
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 [%]
ES00	100.0				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
ES99	Lugar de Importancia Comunitaria (LIC) Laguna de El Portil	/	
ES99	Lugar de Importancia Comunitaria (LIC) Marismas del Odiel	/	
ES13	Marismas del Odiel	/	
ES04	Laguna de El Portil	/	
ES99	Zona de Especial Protección para las Aves (ZEPA) Marismas del Odiel	/	

designated at international level:

Type	Site name	Type	Cover [%]
ramsar	Marismas del Odiel	/	
biosphere	Marismas del Odiel	/	

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	DIRECCIÓN GENERAL DE ESPACIOS NATURALES PROTEGIDOS. CONSEJERÍA DE SOSTENIBILIDAD, MEDIO AMBIENTE Y ECONOMÍA AZUL. JUNTA DE ANDALUCÍA.
Address:	AVDA. MANUEL SIUROT, 50. 41013-SEVILLA, ESPAÑA - TLFNO.: +34 955 00 34 00
Email:	natura2000fnd.csmaea@juntadeandalucia.es

6.2 Management Plan(s):

An actual management plan does exist:

☐ Yes

Name:

Link:

- ☒ 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).