



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 ES6150004

SITENAME Lagunas de Palos y Las Madres

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	ES6150004	

1.3 Site name

Lagunas de Palos y Las Madres

1.4 First Compilation date	1.5 Update date
1997-12	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:	1997-12
Date site confirmed as SCI:	2006-07
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 -6.8775

Latitude 37.1662

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2.2 Area [ha]:

648.95

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)

Marine (0.0

Atlantic %)

(100.0

Mediterranean %)

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
1150🇧🇪			91.046		M	B	C	A	B
1310🇧🇪			0.379		M	D	C	A	B
2150🇧🇪			2.322		M	B	C	A	B
2230🇧🇪			0.922		M	D	C	A	C
2250🇧🇪			13.479		M	C	C	A	A
2260🇧🇪			54.272		M	B	C	B	B
2270🇧🇪			84.15		M	B	C	A	A
3150🇧🇪			50.961		M	C	C	C	C
3160🇧🇪			17.865		M	B	B	B	B
3170🇧🇪			0.215		G	C	C	B	B
3280🇧🇪			1.421		M	C	C	B	C
5110🇧🇪			0.068		M	C	C	C	C
6420🇧🇪			0.355		M	D	C	B	C
7210🇧🇪			3.49		G	D	C	C	C
92A0🇧🇪			10.073		M	C	C	B	B
92D0🇧🇪			7.307		M	C	C	C	C

- **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	
									D.		

G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	qual.	A B C D	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A168	Actitis hypoleucos			w		2	i	P	G	D	B	C	C
B	A054	Anas acuta			w		3	i	P	G	D	B	C	C
B	A052	Anas crecca			w	6		i	P	G	D	B	C	C
B	A053	Anas platyrhynchos			r	1	12	p	P	G	C	B	C	C
B	A053	Anas platyrhynchos			w	19	130	i	P	G	C	B	C	C
B	A405	Aquila heliaca adalberti			c				P	DD	D			
B	A028	Ardea cinerea			w	5	23	i	P	G	C	B	C	B
B	A028	Ardea cinerea			r	4	11	p	P	G	C	B	C	B
B	A029	Ardea purpurea			w		1	i	P	G	D	B	B	B
B	A029	Ardea purpurea			r	27		p	P	G	C	B	C	B
B	A024	Ardeola ralloides			r	11		p	P	G	C	B	C	A
B	A024	Ardeola ralloides			w	3	8	i	P	G	C	B	B	A
P	1635	Armeria velutina			p	56500	110000	area	P	M	C	B	C	C
B	A222	Asio flammeus			c				P	DD				
B	A059	Aythya ferina			r	0	5	p	P	G	C	B	C	C
B	A059	Aythya ferina			w	0	27	i	P	G	C	B	C	C
B	A061	Aythya fuligula			w				P	DD	C	B	C	B
B	A060	Aythya nyroca			w	2		i	P	G	B	B	C	A
B	A060	Aythya nyroca			r		1	p	P	G	B	B	C	A
B	A021	Botaurus stellaris			w	0	1	i	P	G	C	B	C	C
B	A025	Bubulcus ibis			w	0	1	i	P	G	D	B	C	B
B	A025	Bubulcus ibis			r	169	300	p	P	G	C	B	C	B
B	A734	Chlidonias hybrida			w	0	1	i	P	G	C	B	B	B
B	A734	Chlidonias hybrida			r	7	75	p	P	G	C	B	C	B
B	A197	Chlidonias niger			c				P	DD	D			
B	A031	Ciconia ciconia			w	0	1	i	P	G	C	B	C	C
B	A031	Ciconia ciconia			r	0	1	p	P	G	C	B	C	C
B	A081	Circus aeruginosus			r	1	1	p	P	G	C	B	C	B
B	A081	Circus aeruginosus			w	2		i	P	G	C		C	
A	1194	Discoglossus galganoi			p				P	DD				
B	A026	Egretta garzetta			w	0	13	i	P	G	C	B	C	C
B	A026	Egretta garzetta			r	10	24	p	P	G	C	B	C	B
R	1220	Emys orbicularis			p				P	DD	D			
B	A125	Fulica atra			r	2	25	p	P	G	C	B	C	B
B	A125	Fulica atra			w	38	204	i	P	G	C	B	C	B
B	A126	Fulica cristata			w				P	DD	C	B	B	B
B	A153	Gallinago gallinago			w	0	14	i	P	G	C	B	C	C
B	A123	Gallinula chloropus			r	3	19	p	P	G	C	B	C	B
B	A123	Gallinula chloropus			w	8	40	i	P	G	D	B	C	B
B	A894	Hydroprogne caspia			w				P	DD	D			
B	A022	Ixobrychus minutus			w	7		i	P	G	C	B	B	B
B	A022	Ixobrychus minutus			r	1	6	p	P	G	C	B	C	B
B	A181	Larus audouinii			w	64		i	P	G	B	B	C	B
B	A183	Larus fuscus			w	14	400	i	P	G	C	B	C	C

B	A176	Larus melanocephalus			w	2		i	P	G	B		C	
B	A604	Larus michahellis			w	1	30	i	P	G	C	B	C	C
B	A179	Larus ridibundus			w	0	9	i	P	G	D	B	C	C
M	1355	Lutra lutra			p				P	DD	D			
M	1362	Lynx pardinus			c				V	DD	D			
M	1362	Lynx pardinus			p	4		grid51x1	P	G	C	C	C	B
M	1362	Lynx pardinus			r				P	DD		C	C	B
B	A855	Mareca penelope			w				P	DD	C	B	C	B
B	A889	Mareca strepera			w	2	42	i	P	G	C	B	C	C
B	A889	Mareca strepera			r		6	p	P	G	C	B	C	C
B	A057	Marmaronetta angustirostris			w				P	DD	D			
R	1221	Mauremys leprosa			p				P	DD	D			
B	A058	Netta rufina			r	2	6	p	P	G	C	B	C	C
B	A058	Netta rufina			w	0	8	i	P	G	C	B	C	C
B	A023	Nycticorax nycticorax			w	35		i	P	G	C	B	C	B
B	A023	Nycticorax nycticorax			r	57		p	P	G	C	B	C	B
B	A071	Oxyura leucocephala			w				P	DD	D			
B	A094	Pandion haliaetus			w	0	3	i	P	G	C	B	C	C
B	A683	Phalacrocorax carbo carbo			w	45		i	P	G	C	B	C	C
B	A034	Platalea leucorodia			w	0	3	i	P	G	C	B	C	B
B	A034	Platalea leucorodia			r	2	8	p	P	G	C	B	C	B
B	A032	Plegadis falcinellus			r	54		i	P	G	C	B	C	B
B	A005	Podiceps cristatus			w	0	22	i	P	G	C	B	C	C
B	A005	Podiceps cristatus			r	0	10	p	P	G	C	B	C	C
B	A722	Porphyrio porphyrio porphyrio			r	1	11	p	P	G	C	B	C	B
B	A722	Porphyrio porphyrio porphyrio			w	14	28	i	P	G	C	B	C	B
M	1303	Rhinolophus hipposideros			p				P	DD	D			
B	A155	Scolopax rusticola			w				P	DD	C	B	C	B
B	A857	Spatula clypeata			w	20	59	i	P	G	C	B	C	B
B	A857	Spatula clypeata			r		1	p	P	G	D	B	C	C
B	A856	Spatula querquedula			w				P	DD	D			
B	A193	Sterna hirundo			c				P	DD	D			
B	A885	Sternula albifrons			c				P	DD	D			
B	A004	Tachybaptus ruficollis			r	1	13	p	P	G	C	B	C	C
B	A004	Tachybaptus ruficollis			w	2	20	i	P	G	C	B	C	C
B	A863	Thalasseus sandvicensis			w				P	DD	D			
B	A166	Tringa glareola			w	0	1	i	P	G	C	B	C	C
B	A165	Tringa ochropus			w				P	DD	C	B	C	B
B	A162	Tringa totanus			w				P	DD	C	B	C	B
B	A142	Vanellus vanellus			r				P	DD	C	B	C	B
B	A142	Vanellus vanellus			w				P	DD	C	B	C	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
P		Anchusa calcarea			5000	6000	i	P						X
P		Carex pseudocyperus L.			0	0								X
P		Ceratophyllum demersum L.			0	0								X
P		Cheirolophus uliginosus (Brot.) Dostál			75	100	i	P			X			X
B	A198	Chlidonias leucopterus						P			X		X	
P		Corema album						P						X
P		Cytisus grandiflorus subsp. cabezudoí			0	0					X			X
P		Dianthus hinoxianus			1247	1247	area	P			X	X		X
P		Echium gaditanum Boiss.			0	0					X			X
P		Erica ciliaris L.			2300	3000	i	P						X
P		Genista anglica L.			15	15	i	P			X			X
P		Heteranthemis viscidehirta Schott			0	0					X			X
P		Juniperus oxicedrus subsp. macrocarpa						P						X
B	A184	Larus argentatus						P						X
P		Loeflingia baetica Lag.			0	0								X
P		Nymphaea alba L.			650	3800	area	P						X
P		Peucedanum lancifolium						P						X
P		Puccinellia fasciculata (Torr.) E.P.Bicknell			0	0					X			X
P		Rumex palustris Sm.			0	0								X
P		Thalictrum speciosissimum albini (Pau) P. Monts.			0	0								X
P		Ulex minor Roth			1000	2000	i	P						X
P		Verbascum masquindali			45	45	i	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
N17	16.13
N16	12.3
N22	0.76
N20	1.0
N09	0.55
N06	7.76
N08	2.61
N15	2.44
N23	1.34
N21	55.11
Total Habitat Cover	100

Other Site Characteristics

Las lagunas de Palos y Las Madres se ubican en antiguas desembocaduras de arroyos estacionales y de pequeña entidad. Llas barreras arenosas de la costa encerraron progresivamente los cauces, cuya inundación en los tramos inferiores dio origen a dichas lagunas.El Inventario de Georrecursos de Andalucía identifica en el ámbito del PORN, según datos de 2011, los georrecursos , todos ellos, incluidos en el Contexto Geológico Español de relevancia internacional (Ley 42/2007, de 13 de diciembre) “Costas bajas de la Península Ibérica”, y atesoran, según el citado inventario, un alto potencial de uso en el que se resalta su elevado valor turístico y didáctico.

4.2 Quality and importance

Presencia de hábitats prioritarios de la Directiva 92/43/CEE. Presencia de Thymus carnosus.La presencia de lagunas con interesantes formaciones turbosas y de un antiguo frente dunar hacen muy interesante el espacio desde un punto de vista ecológico.Constituye un área de apoyo de aves que residen en el Parque Natural y Nacional de Doñana.En la sección 3.3 se ha mencionado el motivo D con respecto a las siguientes especies: Larus argentatus y Larus fuscus presentes en UICN 2011. Lista Roja de las especies amenazadas de la UICN. Versión 2011.2 - Preocupación Menor Nymphaea alba y Peucedanum lancifolium presentes en el Catálogo Andaluz de Especies Amenazadas. Decreto 23/2012 - Vulnerable.Además se incluyen especies que están en la Lista Roja de la Flora Vascular de Andalucía: Anchusa calcarea, Carex pseudocyperus, Ceratophyllum demersum, Corema album, Loefflingia baetica, Rumex palustris, Thalictrum speciosissimum albinii, Ulex minor

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	D01		o
M	G05		i
M	A02		i
M	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]
L	U		i

4.4 Ownership (optional)

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Type		[%]
Public	National/Federal	0
	State/Province	100
	Local/Municipal	0
	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 [%]
ES13	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	Zona de Especial Protección para las Aves (ZEPA) Marismas del Odiel	/	
ES13	Lagunas de Palos y Las Madres	=	100.0
ES99	Lugar de Importancia Comunitaria (LIC) Dehesa del Estero y Montes de Moguer	/	
ES99	Lugar de Importancia Comunitaria (LIC) Dunas del Odiel	/	
ES95	Doñana	/	
ES13	Marismas del Odiel	/	
ES08	Doñana	/	
ES10	Doñana	/	
ES99	Zona de Especial Protección para las Aves (ZEPA) Doñana	/	

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).