



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 ES0000068
SITENAME Embalse de Orellana y Sierra de Pela

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1. SITE IDENTIFICATION

1.1 Type C	1.2 Site code ES0000068	Back to top
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1.3 Site name

Embalse de Orellana y Sierra de Pela

1.4 First Compilation date 1997-12	1.5 Update date 2015-12
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1.6 Respondent:

Name/Organisation: Junta de Extremadura
Address: Consejería de Medio Ambiente y Rural, Políticas Agrarias y Territorio Dirección General de Medio Ambiente Avenida de Luis Ramallo s/n06800 MÉRIDA
Email: dgma.marpat@gobex.es

1.7 Site indication and designation / classification dates

Date site classified as SPA:	1989-10
National legal reference of SPA designation	Decreto 232/2000, de 21 de noviembre, por el que se clasifican zonas de protección especial para las aves en la Comunidad Autónoma de Extremadura
Date site proposed as SCI:	1997-12
Date site confirmed as SCI:	2008-05
Date site designated as SAC:	2015-05
National legal reference of SAC designation:	Decreto 110/2015, de 19 de mayo, por el que se regula la red ecológica europea Natura 2000 en

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude

-5.3561

Latitude

39.0464

2.2 Area [ha]:

42668.25

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

ES43

Extremadura

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
3170			129.73		M	B	C	B	B
4030			72.69		M	C	C	B	B
5210			177.57		M	B	B	B	B
5330			2537.69		M	B	C	B	B
6220			5170.13		M	B	C	B	B
6310			10181.32		M	A	C	A	A
6420			41.48		M	C	C	B	B
8130			66.15		M	C	C	B	C

8220		348.43		M	B	C	B	B
92D0		91.98		M	B	C	B	B
9330		370.91		M	B	C	B	B
9340		1054.39		M	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	A168	Actitis hypoleucos			w	1	5	i		G	C	C	C	C
B	A247	Alauda arvensis			w	1001	10000	i		M	C	C	C	C
B	A229	Alcedo atthis			p	5	10	p		P	C	C	C	C
B	A054	Anas acuta			w	1	5	i		G	C	B	C	B
B	A056	Anas clypeata			w	51	1000	i		G	C	C	C	C
B	A052	Anas crecca			w	1	10	i		G	B	B	C	B
B	A053	Anas platyrhynchos			w	51	500	i		G	B	B	C	B
B	A051	Anas strepera			w	6	250	i		G	C	B	C	B
B	A043	Anser anser			w				P	M	D			
B	A255	Anthus campestris			r				P	P	D			
B	A228	Apus melba			c	1	5	i		M	C	C	C	C
B	A091	Aquila chrysaetos			p	1	1	p		G	C	C	C	C
B	A028	Ardea cinerea			w	6	50	i		G	C	C	C	C
B	A029	Ardea purpurea			r	1	5	p		G	C	C	C	C
B	A024	Ardeola ralloides			r	1	5	p		G	C	C	C	C
B	A059	Aythya ferina			w	11	1500	i		G	C	B	C	B
B	A061	Aythya fuligula			w	103	212	i		G	C	B	C	B
B	A215	Bubo bubo			p	6	10	p		M	C	C	C	C
B	A025	Bubulcus ibis			w	101	250	i		M	C	C	C	C
B	A025	Bubulcus ibis			r	1500	2500	p		G	B	B	C	B
B	A133	Burhinus oedicnemus			p	11	50	i		M	C	C	C	C
B	A243	Calandrella brachydactyla			r	1001	10000	i		G	C	C	C	C
B	A224	Caprimulgus europaeus			c				P	M	D			
B	A225	Caprimulgus ruficollis			r	251	500	i		M	C	C	C	C
B	A268	Cercotrichas galactotes			r	101	250	i		M	C	C	C	C

B	A136	Charadrius dubius		r	6	10	p		G	C	C	C	C
B	A136	Charadrius dubius		w	1	5	i		G	C	C	C	C
B	A196	Chlidonias hybridus		c				P	P	D			
B	A198	Chlidonias leucopterus		w	1	5	i		G	C	C	C	C
B	A197	Chlidonias niger		r				P	G	D			
B	A031	Ciconia ciconia		c	100	100	i		G	C	B	C	B
B	A031	Ciconia ciconia		r	135	135	p		G	C	B	C	B
B	A031	Ciconia ciconia		w	16	55	i		G	C	B	C	B
B	A030	Ciconia nigra		w	13	36	i		G	B	B	C	B
B	A030	Ciconia nigra		r	5	5	i		G	B	B	C	B
B	A030	Ciconia nigra		c	50	140	i		G	B	B	C	B
B	A080	Circus gallicus		r	6	10	p		G	C	C	C	C
B	A081	Circus aeruginosus		r	18	24	p		G	C	B	C	B
B	A081	Circus aeruginosus		w	10	10	i		M	C	C	C	C
B	A082	Circus cyaneus		w				P	M	D			
B	A084	Circus pygargus		r	51	100	p		G	C	A	C	A
B	A211	Clamator glandarius		r	2000	2600	i		G	C	C	C	C
F	5302	Cobitis paludica		p				P	G	C	B	C	B
B	A231	Coracias garrulus		r	10	20	p		M	C	B	C	C
A	1194	Discoglossus galganoi		p				P	P	C	B	C	B
B	A027	Egretta alba		w	1	5	i		G	C	C	C	C
B	A026	Egretta garzetta		r	100	140	p		G	C	B	C	B
B	A026	Egretta garzetta		w	1	10	i		G	C	B	C	B
B	A399	Elanus caeruleus		p	3	8	p		G	C	B	C	B
I	1065	Euphydryas aurinia		p				P	M	C	A	C	A
B	A098	Falco columbarius		w	1	2	i		G	C	C	C	C
B	A095	Falco naumanni		r	85	99	p		G	C	B	C	B
B	A103	Falco peregrinus	X	p	1	1	p		G	C	C	C	C
B	A096	Falco tinnunculus		w	11	50	i		M	C	C	C	C
B	A125	Fulica atra		w	37	2155	i		G	B	B	C	B
B	A245	Galerida theklae		p	1000	2500	i		G	C	C	C	C
B	A189	Gelocheidon nilotica		c				R	P	D			
B	A135	Glareola pratincola		r	11	50	p		M	C	B	C	B
B	A127	Grus grus		w	251	500	i		G	B	A	C	A
B	A078	Gyps fulvus		p	30	30	p		G	C	B	C	B
B	A093	Hieraetus fasciatus		p	5	5	p		G	C	B	C	B
B	A092	Hieraetus pennatus		r	6	10	p		M	C	B	C	B
B	A131	Himantopus himantopus		r	6	10	p		G	C	C	C	C
B	A300	Hippolais polyglotta		r	1001	10000	i		G	C	C	C	C
B	A233	Jynx torquilla		r	1	5	p		M	C	C	C	C
B	A183	Larus fuscus		w	100	400	i		G	C	C	C	C
B	A177	Larus minutus		w	1	1	i		G	C	C	C	C
B	A179	Larus ridibundus		w	101	500	i		G	C	B	C	B
B	A156	Limosa limosa		c	1	50	i		M	C	C	C	C
F	6168	Luciobarbus comizo		p				P	G	C	B	C	B

B	A246	Lullula arborea			p	1001	10000	i		G	C	C	C	C
B	A272	Luscinia svecica			c				P	P	D			
M	1355	Lutra lutra			p				P	P	C	B	C	A
P	1598	Lythrum flexuosum		X	p				P	G	D			
R	1221	Mauremys leprosa			p				C	P	C	A	C	A
B	A242	Melanocorypha calandra			p	1001	10000	i		G	C	C	C	C
B	A230	Merops apiaster			r	101	250	i		M	C	C	C	C
B	A073	Milvus migrans			r	101	250	i		M	C	B	C	B
B	A074	Milvus milvus			w	35	35	i		G	C	C	C	C
B	A074	Milvus milvus		X	p	2	2	p		G	C	B	C	B
B	A077	Neophron percnopterus			r	3	3	p		G	C	B	C	B
B	A058	Netta rufina			w	10	150	i		G	C	C	C	C
B	A023	Nycticorax nycticorax			r				P	G	B	B	C	B
B	A279	Oenanthe leucura			p	1	5	p		P	C	C	C	C
B	A129	Otis tarda			p	18	79	i		G	C	C	C	C
B	A129	Otis tarda			w	27	30	i		G	C	C	C	C
B	A094	Pandion haliaetus			w	1	5	i		G	C	C	C	C
B	A017	Phalacrocorax carbo			w	251	500	i		G	C	B	C	B
B	A315	Phylloscopus collybita			w	501	1000	i		G	C	C	C	C
B	A140	Pluvialis apricaria			w	1001	10000	i		G	C	C	C	C
B	A005	Podiceps cristatus			w	50	150	i		G	B	B	C	B
B	A008	Podiceps nigricollis			w	30	59	i		G	C	B	C	B
F	6162	Pseudochondrostoma willkommii			p				P	G	C	B	C	C
B	A205	Pterocles alchata			p	11	50	i		M	C	C	C	C
B	A420	Pterocles orientalis			p	51	100	i		M	C	C	C	C
B	A346	Pyrrhocorax pyrrhocorax			p				P	P	D			
B	A249	Riparia riparia			r				P	M	D			
F	1123	Rutilus alburnoides		X	p				P	G	D			
B	A195	Sterna albifrons			r	10	100	p		G	C	B	C	B
B	A193	Sterna hirundo			w	101	250	i		P	C	C	C	C
B	A302	Sylvia undata			p	1001	10000	i		G	C	C	C	C
B	A004	Tachybaptus ruficollis			w	6	10	i		M	C	C	C	C
B	A128	Tetrax tetrax			r	251	500	i		P	C	C	C	C
B	A128	Tetrax tetrax			w				P	P	D			
B	A165	Tringa ochropus			w	1	5	i		M	C	C	C	C
B	A142	Vanellus vanellus			w	251	500	i		G	C	C	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 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		Scrophularia oxyrhyncha						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

4.1 General site character

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Habitat class	% Cover
N09	37.0
N07	1.0
N06	12.0
N23	43.0
N08	6.0
N18	1.0
Total Habitat Cover	100

Other Site Characteristics

Espacio natural declarado como Zona de Especial Protección para las Aves (ZEPA). Se localiza en el Noreste de la provincia de Badajoz, entre las comarcas de La Serena, La Siberia y Las Vegas del Guadiana. Engloba en su totalidad el Embalse de Orellana y superficies limítrofes, justo aguas abajo de la Presa de Puerto Peña. Se halla enmarcado por las localidades de Esparragosa de Lares, Puebla de Alcocer, Campanario y Talarrubias por el Sur y, Acedera, Orellana la Vieja, Orellana de la Sierra, Navalvillar de Pela y Casas de Don Pedro por el Norte. Limita con la ZEPA-LIC La Serena, LIC Sierra del Escorial y LIC Río Guadiana alto-Zujar. Se encuentran en él una gran variedad de hábitats. Dominan la zona los grandes llanos esteparios con más de la mitad de las zonas no inundadas, junto con grandes zonas de dehesa de encina. Estas áreas, junto con las zonas de cola del embalse, caracterizan la gran diversidad de avifauna presente en la zona, destacando las aves esteparias, las grandes raaltopaces y las aves acuáticas.

4.2 Quality and importance

Un total de 19 elementos referidos en la Directiva se encuentran representados en dicho enclave. De ellos 10 son hábitats y 9 se corresponden con taxones del Anexo II. Equilibrio entre hábitats y taxones, siendo el hábitat predominante las subestepas de gramíneas anuales y las dehesas de quercíneas. Sin embargo resultan más importantes superficies más pequeñas, pero de mayor valor dada su menor presencia en la región, tal es el caso

de retamares y matorrales mediterráneos. Destaca por ser uno de los dos únicos espacios extremeños que acoge al taxón prioritario *Lythrum flexuosum* dentro de la propuesta de Red de Espacios. Igualmente existen importantes poblaciones de peces como *Chondostroma polylepis*, *Cobitis taenia*, *Barbus comiza* y *Rutilus alburnoides*, un invertebrado como *Euphyryas aurinia*, el anfibio *Discoglossus galganoi*, una de mamífero; *Lutra lutra* y una del reptil *Mauremys leprosa*.

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		i
L	D02.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	A04		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)

4.5 Documentation

- Alonso y Alonso (1989). La invernada de la Grulla en España (ICONA).- Sánchez, A. (1989). El Embalse de Orellana, una zona húmeda de importancia internacional. Vida Silvestre (1990).- A.M.A. (1989). Memoria para la inclusión del Embalse de Orellana en el listado RAMSAR. Inédito.- Aguilar, de Juana y Tellería (1987). Importancia ornitológica de La Serena. IX Jornadas Ornitológicas. SEO. Madrid.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
	Embalse de Orellana	=	90.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Junta de Extremadura. Consejería de Medio Ambiente y Rural, Políticas Agrarias y Territorio. Dirección General de Medio Ambiente
Address:	Avenida de Luis Ramallo s/n. CP: 06800 MÉRIDA (Badajoz)
Email:	dgma.marpat@gobex.es

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/>	Yes	Name: Plan Rector de Uso Y Gestión de la Zona de Interés Regional "Embalse de Orellana y Sierra de Pela", aprobado mediante Orden de 28 de diciembre de 2012. Link: http://doe.juntaex.es/pdfs/doe/2013/70o/13050006.pdf
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No, but in preparation

No

6.3 Conservation measures (optional)

Orden de 28 de diciembre de 2012 por la que se aprueba el Plan Rector de Uso y Gestión de la ZIR "Embalse de Orellana y Sierra de Pela". Decreto 110/2015, de 19 de mayo, por el que se regula la red ecologica europea Natura 2000 en Extremadura.

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).

<http://natura2000.eea.europa.eu/>