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	**ES0000049**
SITENAME	**Los Alcornocales**

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
C	ES0000049

1.3 Site name

Los Alcornocales

1.4 First Compilation date	1.5 Update date
1997-12	2022-10

1.6 Respondent:

Name /Organisation:	DIRECCIÓN GENERAL DE ESPACIOS NATURALES PROTEGIDOS. CONSEJERÍA DE SOSTENIBILIDAD, MEDIO AMBIENTE Y ECONOMÍA AZUL. JUNTA DE ANDALUCÍA.
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1.7 Site indication and designation / classification dates

Date site classified as SPA:	1989-10
National legal reference of SPA designation	Disposición transitoria séptima de la Ley 18/2003, de 29 de diciembre, por la que se aprueban medidas fiscales y administrativas

Date site proposed as SCI:	2003-12
Date site confirmed as SCI:	2006-07
Date site designated as SAC:	2012-09
National legal reference of SAC designation:	Decreto 493/2012, de 25 de septiembre, por el que se declaran determinados lugares de importancia comunitaria como Zonas Especiales de Conservación de la Red Ecológica Europea Natura2000 en la Comunidad Autónoma de Andalucía.

Explanation(s):	Enlace: http://www.juntadeandalucia.es/eboja/2012/200/BOJA12-200-00029-16202-01_00014480.pdf

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude	Latitude
-5.5757	36.386

2.2 Area [ha]:

173619.52

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 %)

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			0.079		DD		C		
1210			0.261		M	C	C	A	C
1310			3.433		M	C	C	A	C
1410			0.255		M	C	C	C	C
2120			0.742		M	C	C	A	C
2190			14.262		M	C	B	B	B
2230			0.056		M	C	C	A	C
2250			0.012		M	C	C	C	C
2260			1115.561		M	B	B	A	B
3110			0.201		M	C	C	C	B
3140			1.312		M	B	C	B	B
3150			0.429		M	C	C	C	C
3170			14.548		M	C	C	B	B
3260			6.541		M	C	C	A	B
3270			4.686		M	C	C	C	B
3280			5.215		M	B	C	B	C
3290			3.702		M	C	C	B	B
4020			20.019		M	C	C	C	B
4030			30091.67		M	B	B	A	B
5210			44.878		M	C	C	C	C
5330			36453.579		M	B	B	B	B

6220			37967.809		M	B	C	A	B
6310			29212.613		M	B	C	B	B
6420			4.183		M	C	C	B	B
6510			17120.426		M	C	C	C	C
7220			0.023		M	B	C	C	C
8130			1.453		M	C	C	A	B
8210			53.072		M	C	C	A	B
8220			412.495		M	C	C	B	B
8230			0.312		M	C	C	C	C
8310			2.56		M	C	C	B	C
91B0			481.784		M	C	C	C	B
91E0			903.843		M	C	B	B	B
9230			15.963		M	C	C	A	B
9240			10602.385		M	B	B	A	B
92A0			207.665		M	C	C	B	B
92B0			305.441		M	C	A	B	A
92D0			412.675		M	C	C	B	B
9320			4707.934		M	C	B	B	B
9330			46054.088		M	B	A	A	A
9340			132.1		M	C	C	A	A
9540			27.828		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			
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	A085	Accipiter gentilis			p			P	DD	D			
B	A168	Actitis hypoleucos			w	5		i	P	G	C	B	C	C
B	A229	Alcedo atthis			p	1	1	i	P	G	C	B	C	B
B	A054	Anas acuta			w	4	72	i	P	G	C	B	C	B
B	A052	Anas crecca			w	30	102	i	P	G	C	B	C	B
B	A052	Anas crecca			c			P	DD	D			
B	A053	Anas platyrhynchos			r	3	30	p	P	G	C	B	C	B
B	A053	Anas platyrhynchos			w	219	3894	i	P	G	C	B	C	B
B	A043	Anser anser			w	0	190	i	P	G	C	B	C	B
B	A255	Anthus campestris			r			P	DD	D			
B	A424	Apus caffer			r	20	20	p	P	M	A	A	B	A
B	A091	Aquila chrysaetos			p	1	1	p	P	G	C	B	C	B
B	A707	Aquila fasciata			p	18	19	p	P	G	C	B	C	B
B	A405	Aquila heliaca adalberti			c			P	DD	D			

B	A405	Aquila heliaca adalberti			r	2	2	p	P	G	C	B	B	B
B	A773	Ardea alba			w	1		i	P	G	C		C	
B	A773	Ardea alba			p	1	1	i	P	G	C	B	C	B
B	A028	Ardea cinerea			r	16	41	p	P	G	C	B	C	B
B	A028	Ardea cinerea			w	5	29	i	P	G	C	B	C	B
B	A029	Ardea purpurea			p	3	3	i	P	G	C	B	C	B
B	A059	Aythya ferina			w	0	6	i	P	G	D	B	C	C
B	A061	Aythya fuligula			w	0	2	i	P	G	C	B	C	C
B	A215	Bubo bubo			p				P	DD	D			
B	A025	Bubulcus ibis			w	0	545	i	P	G	C	B	C	B
B	A025	Bubulcus ibis			r	23	97	p	P	G	C	B	C	B
B	A087	Buteo buteo			p				P	DD	D			
B	A225	Caprimulgus ruficollis			r				P	DD	D			
I	1088	Cerambyx cerdo			p				P	DD				
B	A335	Certhia brachydactyla			p				P	DD				
B	A136	Charadrius dubius			w	15		i	P	G	C	B	C	C
B	A136	Charadrius dubius			r	3	5	p	P	G	C	B	C	C
B	A137	Charadrius hiaticula			w	2		i	P	G	C	B	C	B
B	A031	Ciconia ciconia			c	6	83	i	P	G	C	B	C	B
B	A031	Ciconia ciconia			r	37	107	p	P	G	C	B	C	B
B	A031	Ciconia ciconia			w	33	88	i	P	G	C	B	C	B
B	A031	Ciconia ciconia			p	20	92	i	P	G	C	B	C	B
B	A030	Ciconia nigra			w	1		i	P	G	C		C	
B	A030	Ciconia nigra			c				P	DD	D			
B	A264	Cinclus cinclus			p				P	DD				
B	A080	Circaetus gallicus			r	5	5	p	P	M	C	B	C	B
B	A080	Circaetus gallicus			c				P	DD	D			
B	A081	Circus aeruginosus			w	0	2	i	P	G	D	B	C	C
B	A084	Circus pygargus			c	8	16	p	P	G	C	B	C	B
B	A208	Columba palumbus			p				P	DD	D			
P	1420	Culcita macrocarpa	Yes		p	1095	1095	i	V	G	B	C	A	B
A	1194	Discoglossus galganoi			p				P	DD	D			
B	A026	Egretta garzetta			w	7		i	P	G	C	B	C	C
B	A399	Elanus caeruleus			r	2		p	P	G	D	B	C	C
B	A399	Elanus caeruleus			p				P	DD	D			
R	1220	Emys orbicularis			p				P	DD	D	B	C	B
B	A095	Falco naumanni			r	20	25	p	P	G	C	B	C	B
B	A103	Falco peregrinus			p	19	33	p	P	G	C	B	C	B
B	A099	Falco subbuteo			c				P	DD	D			
B	A099	Falco subbuteo			r				P	DD	D			
B	A096	Falco tinnunculus			p				P	DD	D			
B	A359	Fringilla coelebs			p				P	DD	D			
B	A125	Fulica atra			w	23	397	i	P	G	C	B	C	C
B	A125	Fulica atra			r	0	2	p	P	G	D	B	C	C
B	A245	Galerida theklae			p				P	DD	D			
B	A153	Gallinago gallinago			w	0	2	i	P	G	D	B	C	C

B	A123	Gallinula chloropus			r	0	1	p	P	G	D	B	C	C
B	A123	Gallinula chloropus			w	0	5	i	P	G	D	B	C	C
I	1046	Gomphus graslinii			p	7	9	localities	P	G	C	C	A	B
B	A127	Grus grus			p				P	DD	D			
B	A078	Gyps fulvus			w	2300	3500	i	P	G	C	A	C	B
B	A078	Gyps fulvus			r	1102	1125	p	P	G	B	A	C	B
B	A078	Gyps fulvus			c	380	380	p	P	M	B	A	B	B
B	A078	Gyps fulvus			p	380	380	p	P	M	B	A	B	B
B	A092	Hieraaetus pennatus			r	10	10	p	P	M	C	B	C	B
B	A131	Himantopus himantopus			r	0	6	p	P	G	D	B	C	C
B	A131	Himantopus himantopus			p	2	2	i	P	G	C	B	C	B
P	1779	Hymenostemma pseudanthemis			p	141009	141009	i	V	P	C	C	C	C
B	A233	Jynx torquilla			r				P	DD	D			
B	A604	Larus michahellis			r		1	p	P	G	C	B	C	C
B	A604	Larus michahellis			w		34	i	P	G	C	B	C	C
B	A179	Larus ridibundus			w	0	5	i	P	G	D	B	C	C
B	A246	Lullula arborea			p				P	DD	D			
M	1355	Lutra lutra			p				P	DD	D	B	C	B
I	1036	Macromia splendens			p	3	3	localities	P	G	C	C	A	B
B	A855	Mareca penelope			w		256	i	P	G	C	B	C	B
B	A889	Mareca strepera			r		4	p	P	G	D	B	C	C
B	A889	Mareca strepera			w		7	i	P	G	D	B	C	C
R	1221	Mauremys leprosa			p				P	DD	D			
B	A230	Merops apiaster			r				P	DD	D			
B	A073	Milvus migrans			c				P	DD	D			
B	A073	Milvus migrans			r				P	DD	D			
M	1310	Miniopterus schreibersii			r	14071	14071	i	C	G	B	C	C	B
M	1310	Miniopterus schreibersii			p	8791	8791	i	P	M	B	B	C	B
B	A319	Muscicapa striata			c				P	DD				
M	1323	Myotis bechsteinii			p				P	DD	D			
M	1307	Myotis blythii			r	153	153	i	R	G	C	C	C	C
M	1307	Myotis blythii			p				P	DD	D			
M	1316	Myotis capaccinii			r	3		i	R	G	C	C	A	C
M	1321	Myotis emarginatus			p	348	348	i	P	M	C	B	C	B
M	1321	Myotis emarginatus			r	930	930	i	C	G	C	C	C	B
M	1324	Myotis myotis			r	1377	1377	i	C	G	C	C	C	C
M	1324	Myotis myotis			p	1530	1530	i	P	M	C	B	C	B
P	6276	Narcissus cavanillesii			p	500	800	i	R	M	C	C	C	C
P	1860	Narcissus Fernandesii			p	3139	3139	i	V	G	A	C	A	B
P	1869	Narcissus viridiflorus			p	514		i	R	M	C	B	C	C
B	A077	Neophron percnopterus			r	6	6	p	P	G	C	A	B	A
B	A077	Neophron percnopterus			c				P	DD	D			
B	A278	Oenanthe hispanica			r				P	DD	D			

B	A279	Oenanthe leucura			p				P	DD	D			
B	A214	Otus scops			r				P	DD	D			
I	1041	Oxygastra curtisii			p	7	8	localities	P	G	C	C	A	B
B	A094	Pandion haliaetus			w	2	7	i	P	G	C	B	C	A
B	A094	Pandion haliaetus			r	5		p	P	G	C	B	C	A
B	A094	Pandion haliaetus			c	2	6	i	P	G	C	B	C	B
B	A072	Pernis apivorus			c				P	DD	D			
F	1095	Petromyzon marinus			p				V	DD	C	C	C	C
B	A683	Phalacrocorax carbo carbo			r	9		p	P	G	B	B	C	B
B	A683	Phalacrocorax carbo carbo			w	14		i	P	G	C	B	C	B
B	A034	Platalea leucorodia			r	0	5	p	P	G	C	B	C	C
B	A034	Platalea leucorodia			w	2		i	P	G	C	B	C	C
B	A032	Plegadis falcinellus			w	89		i	P	G	C	B	C	C
B	A005	Podiceps cristatus			w	4	47	i	P	G	C	B	C	C
B	A005	Podiceps cristatus			r	0	7	p	P	G	B	C	C	
B	A008	Podiceps nigricollis			w	0	8	i	P	G	C	B	C	C
F	6162	Pseudochondrostoma willkommii			p				P	DD	D			
M	1305	Rhinolophus euryale			r	120	122	i	C	G	C	C	C	C
M	1304	Rhinolophus ferrumequinum			p	838	838	i	P	M	C	B	C	B
M	1304	Rhinolophus ferrumequinum			r	790	790	i	C	G	C	C	C	B
M	1303	Rhinolophus hipposideros			p	176	176	i	P	M	B	B	C	B
M	1303	Rhinolophus hipposideros			r	65	65	i	C	G	C	C	C	C
M	1302	Rhinolophus mehelyi			p				P	DD	D			
B	A276	Saxicola torquata			p				P	DD	D			
B	A857	Spatula clypeata			w		191	i	P	G	C	B	C	B
B	A210	Streptopelia turtur			r				P	DD	D			
B	A302	Sylvia undata			p				P	DD	D			
B	A004	Tachybaptus ruficollis			w	2	20	i	P	G	C	B	C	C
B	A265	Troglodytes troglodytes			p				P	DD				
B	A232	Upupa epops			p				P	DD	D			
B	A142	Vanellus vanellus			w	400		i	P	G	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
R	2436	Acanthodactylus erythrurus						P			X			X
B	A086	Accipiter nisus						P			X		X	
P		Allium pruinatum						P						X
P		Anagallis crassifolia Thore			1270	1270	i	V			X			X
F		Anguilla anguilla			44	0	grids1x1	P			X			X
B	A226	Apus apus						P			X		X	
B	A227	Apus pallidus						P			X		X	
P		Arisarum proboscideum (L.) Savi			94	94	i	V			X			X
P		Armeria hirta Willd.			1999	1999	i	V			X			X
P		Armeria macrophylla Boiss. & Reut.			0	0	i	C						X
P		Asphodelus roseus Humbert & Maire			0	0	i	V						X
P		Asplenium obovatum billotii (F.W. Schultz) O.Bolos, Vigo, Masalles & J.M. Ninot			0	0	i	R						X
B	A218	Athene noctua						P			X		X	
P		Avena murphyi Ladiz.			144	144	i	V						X
P		Bellis cordifolia (Kunze) Willk.			0	0	i	V						X
R	2442	Blanus cinereus						P			X			
P		Blechnum spicant (L.) Smith			0	0	i	R						X
I		Borbo borbonica zelleri						P						X
P		Callitriche obtusangula Le Gall			0	0	i	V						X
P		Callitriche regis-jubae Schotsman			0	0	i	V						X
M	2644	Capreolus capreolus			8336	8336	i	P					X	
B	A366	Carduelis cannabina						P					X	
B	A364	Carduelis carduelis						P					X	
B	A363	Carduelis chloris						P					X	
P		Carduus lusitanicus subsp. santacreui			0	0	i	R			X			X
P		Carex acuta L.			0	0	i	R			X			X
P		Carex oedipostyla Duval-Jouve			0	0	i	R				X		X
P		Carex punctata Gaudin			1000	3000	i	V			X			X
P		Centaurea alba subsp. macrocephala			5000	0	i	R			X			X
P		Centaurea aspera scorpiurifolia (Dufour)			10000	0	i	R			X			X

		Nyman												
B	A268	Cercotrichas galactotes						P			X		X	
M	2645	Cervus elaphus						C					X	
P		Cheirolophus sempervirens (L.) Pomel			268	400	i	V			X			X
P		Cirsium scabrum (Poir.) Bonnet & Barratte			0	0	i	R						X
B	A289	Cisticola juncidis						P			X		X	
B	A373	Coccothraustes coccothraustes						P			X		X	
B	A350	Corvus corax						P					X	
P		Crepis tingitana Ball			0	0	i	R			X			X
B	A212	Cuculus canorus						P			X		X	
P		Cyclosorus dentatus (Forsskal) R. C. Ching			20000	70000	i	R			X		X	
P		Cynara baetica (Spreng.) Pau			0	0	i	R			X			X
P		Davallia canariensis (L.) Sm.			0	0	i	R						X
B	A253	Delichon urbica						P			X		X	
B	A237	Dendrocopos major						P			X		X	
B	A240	Dendrocopos minor						P			X		X	
P		Digitalis purpurea subsp. bocquetii			0	0	i	R						X
P		Diplazium caudatum (Cav.) Jermy			0	0	i	R						X
P		Drosophyllum lusitanicum (L.) Link			0	0	i	R						X
P		Dryopteris affinis			0	0	i	R						X
B	A378	Emberiza cia						P			X		X	
B	A376	Emberiza citrinella						P			X		X	
P		Erica carnea occidentalis (Benth.) Lainz			37804	0	i	R			X			X
P		Erica ciliaris L.			67	0	i	R						X
B	A269	Erithacus rubecula						P			X		X	
P		Euphorbia baetica Boiss.			0	0	i	R			X			X
M	1363	Felis silvestris						P	X		X		X	
P		Frangula alnus baetica (Willk. & Reverchon) Rivas Goday ex J.A. Devesa			0	0	i	R						X
P		Frangula alnus Muller subsp. alnus			0	0	i	R			X			X
P		Fuirena pubescens (Poir.) Kunth			0	0	i	V			X			X
P		Galium baeticum (Rouy) Ehrend. & Krendl			0	0	i	R						X

P		Galium boissierianum (Steud.) Ehrend. & Krendl			0	0	i	R						X
P		Galium concatenatum Coss.			0	0	i	R						X
B	A342	Garrulus glandarius						P						X
M	1360	Genetta genetta						P		X			X	
P		Gennaria diphylla (Link) Parl.			0	0	i	R						X
P		Halimium atriplicifolium (Lam.) Spach subsp. atriplicifolium			0	0	i	R			X			X
P		Halimium calycinum (Coss.) K. Koch			0	0	area	R						X
M	1359	Herpestes ichneumon						P		X	X			
B	A438	Hippolais pallida						P			X		X	
B	A252	Hirundo daurica						P			X		X	
B	A251	Hirundo rustica						P			X		X	
P		Holcus grandiflorus Boiss. & Reut.			0	0	i	R			X			X
P		Iberis ciliata welwitschii (Boiss.) Moreno			0	0	i	R						X
P		Iberis nazarita Moreno			469	0	i	R			X			X
P		Ilex aquifolium L.			0	0	i	R						X
P		Isoetes duriaei Bory			0	0	i	R						X
P		Isoetes durieui						P						X
P		Isoetes velatum A. Braun subsp. Velatum			0	0	i	R			X			
P		Juniperus phoenicea L.			0	0	i	R			X			X
P		Juniperus phoenicea turbinata (Guss.) Nyman			0	0	i	R			X			X
R	2004	Lacerta lepida						P						X
P		Lamium flexuosum Ten.			0	0	i	R			X			
B	A341	Lanius senator						P			X		X	
P		Laurus nobilis L.			0	0	i	R						X
P		Lepidophorum repandum (L.) DC.			0	0	i	R						X
P		Linaria munbyana			0	0	i	R						X
P		Linaria pedunculata (L.) Chaz.			0	0	i	R						X
P		Loeflingia baetica Lag.			0	0	i	R						X
B	A271	Luscinia megarhynchos						P			X		X	
R	2466	Malpolon monspessulanus						P						X
M	2630	Martes foina						P					X	
M	2631	Meles meles						P			X		X	
		Mercurialis elliptica												

P		Lam.			0	0	i	R						X
P		Mercurialis reverchonii Rouy			0	0	i	R			X			X
B	A383	Miliaria calandra						P			X		X	
B	A262	Motacilla alba						P			X		X	
B	A261	Motacilla cinerea						P			X		X	
M	1314	Myotis daubentonii						P			X		X	
P		Narcissus gaditanus Boiss. & Reut.			0	0	i	R			X			X
R	2469	Natrix natrix						P			X			
P		Nepeta apuleji Ucria			0	0	i	R			X			X
P		Nothobartsia aspera (Brot.) M. Bolliger & U. Molau			0	0	i	R						X
M	1328	Nyctalus lasiopterus						P	X		X		X	X
M	1331	Nyctalus leisleri			0	0	i	P	X		X			
P		Odontites squarrosus foliosus (Perez Lara) M. Bolliger			570	0	i	R			X			X
P		Ononis leucotricha Coss.			487	0	i	R			X			X
P		Onosma tricerosperma Lag. subsp. granatensis			0	0	i	R						X
P		Ophrys speculum subsp. lusitanica			131	0	i	R						X
P		Origanum compactum Benth.			248	0	i	R			X			X
B	A337	Oriolus oriolus						P			X		X	
P		Osmunda regalis			0	0	i	R			X			X
B	A329	Parus caeruleus						P			X		X	
B	A327	Parus cristatus						P			X		X	
B	A354	Passer domesticus						P						X
B	A313	Phylloscopus bonelli						P			X		X	
B	A315	Phylloscopus collybita						P			X		X	
P		Pinguicula lusitanica L.			0	0	i	R						X
P		Pistorinia breviflora Boiss.			0	0	i	R						X
A	2349	Pleurodeles waltl						R			X		X	
R	2428	Podarcis hispanica						P						X
P		Polystichum setiferum (Forssk.) Moore ex Woynar			0	0	i	R			X			X
R	2431	Psammodromus hispanicus						P			X			
P		Psilotum nudum (L.) P. Beauv.			540	0	i	R						X
P		Pteris incompleta			938	0	i	R			X			X
B	A250	Ptyonoprogne rupestris						P			X		X	
P		Quercus canariensis			0	0	i	R						X

P		Quercus lusitanica Lam.			0	0	i	R						X
P		Quercus pyrenaica Willd.			0	0	i	R						X
B	A318	Regulus ignicapillus						P			X		X	
P		Rhododendron ponticum ssp. baeticum			0	0	i	R			X			X
P		Rhynchospora modesti-lucennoi Castrov.			1950	0	i	R						X
F	5825	Salaria fluviatilis			1	1	localities	P			X			X
P		Satureja salzmannii (Kuntze) P.W.Ball			879	889	i	R						X
P		Scrophularia laxiflora Lange			75	0	i	R						X
P		Scutellaria minor Huds.			200	0	i	R			X			X
B	A361	Serinus serinus						P					X	
P		Sideritis grandiflora subsp. grandiflora			0	0	i	R						X
P		Silene gaditana Talavera & Bocquet			0	0	i	R			X			X
P		Silene scabriflora tuberculata (Ball) S. Talavera			0	0	i	R						X
P		Simethis mattiazzii (Vand.) Sacc.			0	0	i	R						X
P		Spiranthes aestivalis (Poir.) Rich.			0	0	i	R	X		X			X
B	A219	Strix aluco						P			X		X	
B	A352	Sturnus unicolor						P					X	X
M	5861	Sus scrofa						P					X	
B	A311	Sylvia atricapilla						P			X		X	
B	A305	Sylvia melanocephala						P			X		X	
P		Teline tribracteolata			1203	0	i	R			X			X
P		Teucrium bracteatum Desf.			1500	3000	i	R			X			X
P		Thymelaea lanuginosa (Lam.) Ceballos & C. Vicioso			0	0	i	R			X			X
P		Tuberaria brevipes (Boiss. & Reuter) Willk.			0	0	i	R						X
B	A283	Turdus merula						P					X	
B	A287	Turdus viscivorus						P					X	
B	A213	Tyto alba						P			X		X	
I		Unio gibbus						P						X
P		Vicia lutea subsp. cavanillesii			0	0	i	R			X			X
R	6027	Vipera latasti						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
N09	6.57
N20	0.34
N18	9.65
N12	1.63
N08	37.79
N04	0.003
N06	4.6
N21	37.13
N22	0.56
N23	1.727
Total Habitat Cover	100

Other Site Characteristics

Los Alcornocales se encuadra en las cordilleras Béticas. Geológicamente queda caracterizado por las Unidades del Campo de Gibraltar, las cuales constituyen la mayor parte de este espacio natural. Destaca entre ellas la Unidad del Aljibe (más del 90% de la superficie).

4.2 Quality and importance

Presenta gran riqueza botánica, no sólo por la extansión y exhuberancia de las formaciones boscosas (alcornocales, quejigares, encinares...) sino por su catálogo florístico del que una notable proporción resultan taxones raros o endémicos.Existen elementos relictos de laurisilva terciaria en los denominados "canutos" que conviven junto a otras especies de origen eurosiberiano. Existen hábitats dunares y arenales costeros de un alto valor ecológico, que desempeñas una importante función mejorando la conectividad ecológica entre las formaciones arboladas (alcornocales, quejigales, acebuchales y dehesas) con los ecosistemas litorales.En la sección 3.2 se ha mencionado el motivo D con respecto a las siguientes especies:Allium pruinatum, Avena murphyi, Drosophyllum lusitanicum, Isoetes durieui, Odontites foliosus, Unio gibbus, Allium pruinatum, Avena murphyi, Drosophyllum lusitanicum, Isoetes durieui, Isoetes durieui, Odontites foliosus presentes en Catálogo Andaluz de Especies Amenazadas. Decreto 23/2012 - Vulnerable. Columba palumbus presente en la Directiva 2009/147/CE Relativa a la conservación de las aves silvestres - Anexo II-A. Garrulus glandarius, Passer domesticus, Alnus glutinosa, Malpolon monspessulanus, Pinus pinaster presentes en la UICN 2011. Lista Roja de las especies amenazadas de la UICN. Versión 2011.2 - Preocupación Menor.Pinus pinea presente en UICN 2011. Lista Roja de las especies amenazadas de la UICN. Versión 2011.2 - Riesgo menor. Preocupación menor. Quercus canariensis presente en Lista Roja de la Flora Vascular de Andalucía. UICN 2004 - Casi amenazada.Rhododendron ponticum ssp. baeticum presente en Libro Rojo de la Flora Silvestre Amenazada de Andalucía. CMA 2000 - En Peligro de Extinción.Se ha incorporado la evaluacion de especies de flora incluidas en el Listado Andaluz de Especies Silvestres en Regimen de Proteccion Especial (LAESPE) y de especies incluidas el la Lista Roja de la Flora Vascular de Andalucía: Anagallis crassifolia Thore, Argantoniella salzmannii , Arisarum proboscideum, Armeria hirta, Armeria macrophylla Boiss, Asphodelus roseus, Asplenium billotii F, Bellis cordifolia, Blechnum spicant, Callitriche obtusangula, Callitriche regis-jubae, Carduus lusitanicus subsp. santacreui , Carex acuta L., Carex oedipostyla, Carex punctata, Centaurea alba subsp. macrocephala , Centaurea aspera subsp. scorpiurifolia, Cheirolophus sempervirens, Cirsium scabrum, Crepis tingitana Ball, Cynara baetica subsp Baetica, Cynara tournefortii, Davallia canariensis (L.) Sm., Digitalis purpurea subsp. bocquetii , Dryopteris affinis subsp. Affinis, Erica ciliaris L., Erica erigena R. Ross, Euphorbia baetica Boiss., Frangula alnus Muller subsp. Alnus, Frangula alnus subsp. baetica, Fuirena pubescens (Poiret) Kunth, Galium baeticum, Galium boissieranum, Galium concatenatum Coss., Gennaria diphylla (Link) Parl., Halimium atriplicifolium (Lam.) Spach subsp. Atriplicifolium, Halimium calycinum, Holcus grandiflorus, Iberis ciliata subsp. welwitschii, Iberis nazarita Moreno, Ilex aquifolium L., Isoetes velatum A. Braun subsp. Velatum, Juniperus phoenicea L. subsp. phoenicea , Juniperus phoenicea L. subsp. turbinata (Guss.), Lamium flexuosum Ten., Lepidophorum repandum (L.) DC., Linaria munbyana Boiss. & Reut., Linaria pedunculata (L.) Chaz. , Loeflingia baetica Lag., Mercurialis elliptica Poir., Mercurialis reverchonii Rouy, Narcissus gaditanus Boiss. & Reut., Nepeta apuleii Ucria , Nothobartsia aspera , Ononis leucotricha Coss., Onosma tricerosperma, Origanum compactum Bentham, Osmunda regalis L., Pinguicula lusitanica L., Pistorinia breviflora Boiss., Polystichum setiferum (Forssk.) Woynar, Quercus lusitanica Lam., Quercus pyrenaica Willd., Scrophularia laxiflora Lange, Scutellaria minor Hudson, Scutellaria minor Hudson, Sideritis grandiflora subsp. grandiflora,

Silene gaditana, Silene scabriflora subsp. tuberculata (Ball) Talavera, Simethis planifolia, Teline tribracteolata, Thymelaea lanuginosa, Tuberaria brevipes Boiss. & Reut. Y Vicia lutea subsp. cavanillesii .

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	F03.01.01		i
M	B02.06		i
L	J02.06.01		b
L	K04.05		i
M	J02.06.02		b
M	M01.01		b
L	J02.05.05		b
M	B02.03		i
H	B03		i
H	K04.03		b
M	A10.01		i
H	B06		i
H	D02.01		I
M	M01.02		b
M	A04.02		i
L	E01		b
M	K04.05		i
L	H01.05		b
H	K04.05		i
L	F04		b
M	J01.01		i
L	B01		i
M	I01		b
M	A02.03		i
M	K02.01		b

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	0
	State/Province	38
	Local/Municipal	0
	Any Public	0
Joint or Co-Ownership		0
Private		62
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 [%]
ES10	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) Río Guadiaro	/	
ES95	Búnker del Tufillo	/	
ES95	Río de la Jara	/	
ES99	Zona de Especial Protección para las Aves (ZEPA) Sierra de Grazalema	/	
ES95	Marismas del Río Palmones	/	
ES95	Fondos Marinos Marismas del Río Palmones	/	
ES95	Ríos Guadiaro y Hozgarganta	/	
ES10	Los Alcornocales	=	100.0
ES13	Marismas del Río Palmones	/	
ES19	Dunas de Bolonia	/	
ES95	Búnker del Santuario de la Luz	/	
ES95	Río Guadiaro	/	
ES99	Zona de Especial Protección para las Aves (ZEPA) Marismas del Río Palmones	/	
ES95	Estrecho	/	
ES99	Zona de Especial Protección para las Aves (ZEPA) Estrecho	/	
ES10	Estrecho	/	
ES95	Ríos Guadiaro y Hozgarganta	/	
ES95	Valle del Río Genal	/	
ES13	Playa de Los Lances	/	
ES95	Sierra de Grazalema	/	
ES10	Sierra de Grazalema	/	
ES95	Acebuchales de la Campiña Sur de Cádiz	/	

designated at international level:

Type	Site name	Type	Cover [%]
biosphere	Intercontinental del Mediterráneo Andalucía (España) - Marruecos	-	100.0

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:

[X]	Yes	Name: Plan de Ordenación de los Recursos Naturales del ámbito Los Alcornocales y Plan Rector de Uso y Gestión del Parque Natural Los Alcornocales Link: http://juntadeandalucia.es/boja/2017/194/BOJA17-194-00474-17124-01_00122237.pdf
[ ]	No, but in preparation	
[ ]	No	

6.3 Conservation measures (optional)

Decreto 150/2017, de 19 de septiembre, por el que se aprueba el Plan de Ordenación de los Recursos Naturales del ámbito Los Alcornocales, se amplía el ámbito territorial del Parque Natural Los Alcornocales y aprueba el Plan Rector de Uso y Gestión del Parque Natural Los Alcornocales

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).