



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 ES0000047
SITENAME Desierto de Tabernas

TABLE OF CONTENTS

- 1. SITE IDENTIFICATION
- 2. SITE LOCATION
- 3. ECOLOGICAL INFORMATION
- 4. SITE DESCRIPTION
- 5. SITE PROTECTION STATUS
- 6. SITE MANAGEMENT
- 7. MAP OF THE SITE

1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
C	ES0000047	

1.3 Site name

Desierto de Tabernas

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:	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:	1997-12
Date site confirmed as SCI:	No data
Date site designated as SAC:	2016-11
National legal reference of SAC designation:	DECRETO 172/2016, DE 8 DE NOVIEMBRE, POR EL QUE SE DECLARAN LA ZONAS ESPECIALES DE CONSERVACIÓN DE LA RED ECOLÓGICA EUROPEA NATURA 2000 KARST EN YESOS DE SORBAS (ES6110002), SIERRA ALHAMILLA (ES0000045), DESIERTO DE TABERNAS (ES0000047), SIERRA PELADA Y RIVERA DEL ASERRADOR (ES0000052), PEÑAS DE AROCHE (ES6150007), ALTO GUADALQUIVIR (ES6160002) Y LAGUNA GRANDE (ES6160004) Y SE APRUEBAN EL PLAN DE ORDENACIÓN DE LOS RECURSOS NATURALES DEL PARAJE NATURAL KARST EN YESOS DE SORBAS, EL PLAN DE ORDENACIÓN DE LOS RECURSOS NATURALES DE LOS PARAJES NATURALES SIERRA

	ALHAMILLA Y DESIERTO DE TABERNAS, EL PLAN DE ORDENACIÓN DE LOS RECURSOS NATURALES DE LOS PARAJES NATURALESSIERRA PELADA Y RIVERA DEL ASERRADOR Y PEÑAS DE AROCHE Y EL PLAN DE ORDENACIÓN DE LOS RECURSOS NATURALES DE LOS PARAJES NATURALES ALTO GUADALQUIVIR Y LAGUNA GRANDE
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Explanation(s):	Enlace a Decreto: http://www.juntadeandalucia.es/boja/2016/245/4
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2. SITE LOCATION

[Back to top](#)

2.1 Site-centre location [decimal degrees]:

Longitude	Latitude
-2.5026	37.0651

2.2 Area [ha]:	2.3 Marine area [%]
11448.49	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

[Back to top](#)

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
1420 B			28.473		M	A	C	B	A
1430 B			76.569		M	C	C	C	C
1510 B			292.436		M	A	C	A	A
1520 B			3.006		M	C	C	A	A
3250 B			2.708		M	A	C	B	A
5220 B			413.761		M	B	C	C	B
5330 B			3588.213		M	A	C	B	A
6220 B			5232.005		M	A	C	A	A
6420 B			1.679		M	B	C	A	B
7220 B			3.675		M	C	C	C	C
92A0 B			0.501		M	C	C	C	B
92D0 B			689.43		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	A707	Aquila fasciata			p	1	1	p	P	G	D	B	C	B
B	A215	Bubo bubo			p				P	DD	D			
B	A452	Bucanetes githagineus			r	100	100	p	P	G	A	B	A	A
B	A133	Burhinus oedicnemus			p				P	DD	D			
B	A243	Calandrella brachydactyla			r				P	DD	D			
B	A224	Caprimulgus europaeus			r				P	DD				
B	A430	Chersophilus duponti			p				P	DD	D			
B	A231	Coracias garrulus			r				P	DD	D			
B	A103	Falco peregrinus			p				P	DD	D			
B	A096	Falco tinnunculus			p				P	DD	D			
B	A245	Galerida theklae			p				P	DD	D			
B	A242	Melanocorypha calandra			p				P	DD	D			
B	A319	Muscicapa striata			r				P	DD				
B	A278	Oenanthe hispanica			r				P	DD	D			
B	A279	Oenanthe leucura			p				P	DD	D			
B	A420	Pterocles orientalis			p				P	DD	D			
B	A276	Saxicola torquata			p				P	DD	D			
B	A303	Sylvia conspicillata			r				P	DD	D			
B	A302	Sylvia undata			p				P	DD	D			
B	A128	Tetrax tetrax			p				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)

[illegible]

R	2436	Acanthodactylus erythrurus						P			X			X
B	A247	Alauda arvensis						P					X	X
B	A228	Apus melba						P			X		X	
P		Astragalus edulis Bunge			17	0	localities	C			X			X
P		Astragalus longidentatus Chater			3	0	localities	R			X			X
B	A218	Athene noctua						P			X		X	
R	2442	Blanus cinereus						P			X			X
B		Bucanetes githagineus amantum						P						X
A	2361	Bufo bufo						P						X
A	1202	Bufo calamita						P	X		X		X	
M	5581	Capra pyrenaica hispanica						P						X
P		Caralluma europaea			2	0	localities	R			X			
B	A366	Carduelis cannabina						P					X	
B	A364	Carduelis carduelis						P					X	
B	A363	Carduelis chloris						P					X	
P		Carduus meoanthus valentinus (Boiss. & Reut.) Devesa & Talavera			1	0	localities	P						X
B	A268	Cercotrichas galactotes						P			X		X	
R	1272	Chalcides bedriagai						P	X					X
P		Cistanche phelipaea			3	0	localities	P			X			X
R	1288	Coluber hippocrepis						P	X		X		X	
B	A206	Columba livia						P					X	
P		Coris hispanica			9	0	localities	P			X	X		X
P		Coris hispanica						P						X
B	A350	Corvus corax						P					X	
B	A347	Corvus monedula						P						X
M	2592	Crocidura russula						P					X	X
P		Cynomorium coccineum			9	0	localities	R						X
R	2464	Elaphe scalaris						P			X			
M	2615	Eliomys quercinus						P						X
B	A378	Emberiza cia						P			X		X	
M	2590	Erinaceus europaeus						P					X	X
P		Euzomodendron bourgaeaenum			18	0	localities	C			X	X		X
P		Forsskaolea tenacissima L.			5	0	localities	R			X			X
M	1360	Genetta genetta						P		X			X	X
P		Herniaria fontanesii subsp. almeriana			7	0	localities	P						X
B	A438	Hippolais pallida						P			X		X	
P		Klasea flavescens mucronata (Desf.)			1	0	localities	P			X			

		Cantó & Rivas Mart.												
P		Koelpinia linearis Pall.			4	0	localities	R			X			X
R	2004	Lacerta lepida						P						X
B	A340	Lanius excubitor						P					X	
B	A341	Lanius senator						P			X		X	
P		Limonium tabernense			10	0	localities	R			X	X		X
P		Lycium intricatum			6	0	localities	C						X
R	2466	Malpolon monspessulanus						P						X
B	A281	Monticola solitarius						P			X		X	
M	2634	Mustela nivalis						P					X	X
R	2467	Natrix maura						P			X			
M	5773	Oryctolagus cuniculus						P						X
B	A357	Petronia petronia						P			X		X	
B	A273	Phoenicurus ochruros						P			X		X	
B	A235	Picus viridis						P			X		X	
M	1309	Pipistrellus pipistrellus						P	X		X			
R	2428	Podarcis hispanica						P						X
R	2430	Psammodromus algius						P			X			X
R	2431	Psammodromus hispanicus						P			X			
P		Pteranthus dichotomus Forssk.			18	0	localities	R			X			X
B	A250	Ptyonoprogne rupestris						P			X		X	
A	1211	Rana perezi						P		X				
P		Salsola papillosa Willk.			18	0	localities	C						X
P		Santolina viscosa			8	0	localities	C						X
P		Senecio flavus (Decne.) Sch.Bip.			12	0	localities	R			X			X
B	A361	Serinus serinus						P					X	
P		Sideritis lasiantha Juss. ex Pers.			3	0	localities	P			X			X
P		Silene littorea adscendens (Lag.) Rivas Goday			15	0	localities	P			X	X		X
B	A306	Sylvia hortensis						P			X		X	
B	A305	Sylvia melanocephala						P			X		X	
B	A283	Turdus merula						P					X	
B	A213	Tyto alba						P					X	
M	5906	Vulpes vulpes						P						X
P		Wahlenbergia lobelioides (L.f.) Link			3	0	localities	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

[Back to top](#)

Habitat class	% Cover
N21	0.8
N17	1.3
N15	1.0
N02	2.1
N23	1.5
N09	92.1
N12	1.2
Total Habitat Cover	99.99999999999999

Other Site Characteristics

El Desierto de Tabernas está considerado como un paisaje singular, la única zona desértica de Europa, de ahí su importancia para el estudio de la geomorfología de las cuencas neógenas. Esta singularidad ambiental le confiere una elevada riqueza biológica con numerosos endemismos vegetales y zona especial para la protección de las aves estepáricas del continente europeo. Las matorrales y pastizales esclerófilos (HIC 5220*, 6220* y 5330), entre otros HIC, presentan numerosas especies de flora amenazada y endemismos botánicos, además de ser zona de cría y reproducción de aves estepáricas.

4.2 Quality and importance

Es un lugar único en el contexto europeo, desde el punto de vista de su flora y vegetación, pues presenta un elevado número de endemismos exclusivos del área, iberonorteafricanismos y especies rara a nivel mundial, que sólo aparecen en este reducido contexto europeo y otros puntos de idéntica caracterización edafoclimática de la vertiente mediterránea norteafricana, junto a asociaciones vegetales endémicas de este territorio.Se añaden especies de flora presentes en la Lista Roja de la Flora Vascular de Andalucía: Carduus meonanthus valentinus, Cynomorium coccineum, Herniaria fontanesii subsp. almeriana, Lycium intricatum, Salsola papillosa y Santolina viscosa.

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	C01.04		I
M	C01.01		O
M	L09		O
H	G05		I
M	G05		O
H	B02.01		I
H	G01.03		O
M	A02		O
H	B02.01		O
H	K01.01		O
L	F03.02.03		O
M	G02.06		O
H	D01.02		O
H	G01.03		I
M	C01.04.01		O
L	F03.01		O
M	G04.01		O
H	D01.02		I
M	E01		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	1.7
	State/Province	0
	Local/Municipal	13
	Any Public	0
Joint or Co-Ownership		0
Private		85.3
Unknown		0
sum		100

4.5 Documentation

INGEMISA, 1993. Criterios Técnicos para la Elaboración de los Planes de Ordenación de los Recursos Naturales en el Paraje Natural del Desierto de Tabernas
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5. SITE PROTECTION STATUS (optional)

[Back to top](#)

5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]
ES00	0.96	ES13	99.04

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
ES95	Sierra Alhamilla	/	
ES13	Desierto de Tabernas	*	99.04
ES10	Sierra Nevada	/	
ES95	Sierras de Gádor y Enix	/	
ES13	Sierra Alhamilla	/	
ES95	Sierra Nevada	/	
ES99	Zona de Especial Protección para las Aves (ZEPA) Sierra Nevada	/	
ES08	Sierra Nevada	/	
ES95	Ramblas de Gergal, Tabernas y Sur de Sierra Alhamilla	/	
ES99	Zona de Especial Protección para las Aves (ZEPA) Sierra Alhamilla	/	

designated at international level:

Type	Site name	Type	Cover [%]
biosphere	Sierra Nevada	/	

5.3 Site designation (optional)

El Plan Especial de Protección del Medio Físico delimita en su catálogo el Paraje Sobresaliente del Desierto de Gérgal-Tabernas.La ley 2/ 1989 declara como Paraje Natural el Desierto de Tabernas.Las Normas Subsidiarias de Tabernas, aprobadas provisional

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

[Back to top](#)

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: Plan de Ordenación de los Recursos Naturales del Paraje Natural Desierto de Tabernas Link: http://www.juntadeandalucia.es/boja/2016/245/BOJA16-245-00122-21925-04_00104550.pdf
☐ No, but in preparation	
☐ No	

6.3 Conservation measures (optional)

DECRETO 172/2016, DE 8 DE NOVIEMBRE, POR EL QUE SE DECLARAN LA ZONAS ESPECIALES DE CONSERVACIÓN DE LA RED ECOLÓGICA EUROPEA NATURA 2000 KARST EN YESOS DE SORBAS (ES6110002), SIERRA ALHAMILLA (ES0000045), DESIERTO DE TABERNAS (ES0000047), SIERRA PELADA Y RIVERA DEL ASERRADOR (ES0000052), PEÑAS DE AROCHE (ES6150007), ALTO GUADALQUIVIR (ES6160002) Y LAGUNA GRANDE (ES6160004) Y SE APRUEBAN EL PLAN DE ORDENACIÓN DE LOS RECURSOS NATURALES DEL PARAJE NATURAL KARST EN YESOS DE SORBAS, EL PLAN DE ORDENACIÓN DE LOS RECURSOS NATURALES DE LOS PARAJES NATURALES SIERRA ALHAMILLA Y DESIERTO DE TABERNAS, EL PLAN DE ORDENACIÓN DE LOS RECURSOS NATURALES DE LOS PARAJES NATURALESSIERRA PELADA Y RIVERA DEL ASERRADOR Y PEÑAS DE AROCHE Y EL PLAN DE ORDENACIÓN DE LOS RECURSOS NATURALES DE LOS PARAJES NATURALES ALTO GUADALQUIVIR Y LAGUNA GRANDE

7. MAP OF THE SITES

[Back to top](#)

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).