



NATURA 2000 - STANDARD DATA FORM

RELEASE Natura2000_end2024 (27/11/2025)

Sierra de Los Canalizos (ES4220013 - SPA/SCI)

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1. Site Identification

1.1 Type

C

1.2 Site Code

ES4220013

1.3 Site Name

Sierra de Los Canalizos

1.4 First Compilation date

1997-12

1.5 Update date

2024-09

1.6 Respondent

Name/Organisation: Consejería de Desarrollo Sostenible. D.G. de Medio Natural y Biodiversidad. Junta de Comunidades de Castilla- La Mancha

Address: No information provided

Email: rednaturaclm@jccm.es

1.7 Site indication and designation / classification dates

Date site classified as SPA: 2005-07

National legal reference of SPA designation: Decreto 82/2005, de 12-07-2005, por el que se designan 36 zonas de especial protección para las aves, y se declaran zonas sensibles

Date site proposed as SCI: 1997-12

Date site confirmed as SCI: 2006-07

Date site designated as SAC: 2016-12

National legal reference of SAC designation: Decreto 83/2016, de 27/12/2016, por el que se declaran como Zonas Especiales de Conservación (ZEC) de la Red Natura 2000 en Castilla-La Mancha, 9 Lugares de Importancia Comunitaria (LIC), se propone a la Comisión Europea la modificación de los límites de 3 de estos espacios y se modifican los límites de 8 Zonas de Especial Protección para las Aves (ZEPA). [2016/14204]

Explanations: Espacio tipo C conformado originalmente por dos espacios LIC y ZEPA parcialmente coincidentes: LIC ES4220013 "Sierra de Los Canalizos" y ZEPA ES0000088 "Sierra de Los Canalizos". Plan de gestión para el espacio Red Natura aprobado mediante la Orden de 27/12/2016, de la Consejería de Agricultura, Medio Ambiente y Desarrollo Rural, por la que se aprueban los Planes de Gestión de 9 espacios de la Red Natura 2000 en Castilla-La Mancha. [2016/14247]

2. Site Location

2.1 Site-centre location [decimal degrees]

Longitude: -4.6181

Latitude: 38.8739

2.2 Area [ha]

26018.75

2.3 Marine area [%]

No information provided

2.4 Sitelength [km] (optional)

No information provided

2.5 Administrative region code and name

NUTS Level 2 Code	Region Name
ES42	Castilla-La Mancha

2.6 Biogeographical Region(s)

Name	Cover [%]
Mediterranean	100

3. Ecological Information

3.1 Habitat types present on the site and assessment for them

Annex I Habitat Types						Site Assessment				
Code	Name	PF	NP	Cover [ha]	Caves [number]	Data Quality	Representativity	Relative Surface	Conservation	Global
3110	Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)			1.11		P	D			
3150	Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation			27.73		G	C	C	B	C
3170	Mediterranean temporary ponds			6.22		G	C	C	B	C
3260	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation			16.07		G	B	C	B	B
4020	Temperate Atlantic wet heaths with Erica ciliaris and Erica tetralix			28.05		G	C	C	C	C
4030	European dry heaths			5720.11		G	B	C	B	B
5210	Arborescent matorral with Juniperus spp.			10.09		G	B	C	B	A
5330	Thermo-Mediterranean and pre-desert scrub			995.32		G	B	C	B	B
6220	Pseudo-steppe with grasses and annuals of the			4.03		P	C	C	C	C

Annex I Habitat Types					Site Assessment					
Code	Name	PF	NP	Cover [ha]	Caves [number]	Data Quality	Representativity	Relative Surface	Conservation	Global
	Thero-Brachypodietea									
6310	Dehesas with evergreen Quercus spp.			5929.28		G	B	C	C	B
6410	Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)			91.45		G	C	B	B	C
6420	Mediterranean tall humid grasslands of the Molinio-Holoschoenion			154.16		G	B	C	B	B
7140	Transition mires and quaking bogs			0.56		G	C	C	C	C
8130	Western Mediterranean and thermophilous scree			154.89		G	B	C	B	B
8220	Siliceous rocky slopes with chasmophytic vegetation			985.27		G	A	C	B	A
91B0	Thermophilous Fraxinus angustifolia woods			20.83		G	B	C	C	B
9230	Galicio-Portuguese oak woods with Quercus robur and Quercus pyrenaica			511.4		G	B	C	B	B
9240	Quercus faginea and Quercus canariensis Iberian woods			1104.36		G	C	C	C	C
92A0	Salix alba and Populus alba galleries			94.94		G	B	C	C	C
92D0	Southern riparian galleries and thickets (Nerio-Tamaricetea and Securinegion tinctoriae)			42.26		G	A	C	A	A
9320	Olea and Ceratonia forests			25.96		G	B	C	B	B

Annex I Habitat Types					Site Assessment					
Code	Name	PF	NP	Cover [ha]	Caves [number]	Data Quality	Representativity	Relative Surface	Conservation	Global
9330	Quercus suber forests			2877.8		G	B	C	C	B
9340	Quercus ilex and Quercus rotundifolia forests			12472.5		G	B	C	C	B

PF: Habitat types 6210, 7130, 9430 priority depend on the habitat characteristics. Letter 'X' indicates that the reported habitat characteristics corresponds to its 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 and 8330 (caves), the number of caves when the 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)

Representativity: A = excellent representativity, B = good representativity, C = significant representativity, D = non-significant presence

Relative Surface: A ≥ 15%, B = 2-15%, C ≤ 2%

Conservation: A = excellent conservation, B = good conservation, C = average or reduced conservation

Global: A = excellent value, B = good value, C = significant value

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		
Group	Code	Scientific Name	S	NP	Type	Size Min	Size Max	Unit	Abundance	Data Quality	Population	Conservation
A	1194	Discoglossus galganoi			p				C	DD	C	B
B	A079	Aegypius monachus			p	51	100	p		P	B	A
B	A079	Aegypius monachus			r	1	1	p		P	C	A
B	A053	Anas platyrhynchos			r	2	3	p		P	C	B
B	A405	Aquila adalberti			p	1	1	p		P	C	B
B	A091	Aquila chrysaetos			p	3	3	p		P	C	B
B	A215	Bubo bubo			p				C	DD	C	B
B	A136	Charadrius dubius			r	1	1	p		P	C	B
B	A030	Ciconia nigra			c	6	10	i		P	C	B
B	A030	Ciconia nigra			r	1	1	p		P	C	B
B	A080	Circaetus gallicus			c				C	DD	C	B
B	A244	Galerida cristata			r				C	DD	C	B
B	A092	Hieraetus pennatus			c				C	DD	C	B

Species			Population in the site								Site Assessment	
Group	Code	Scientific Name	S	NP	Type	Size Min	Size Max	Unit	Abundance	Data Quality	Population	Conservation
B	A092	Hieraetus pennatus			r				V	DD	C	B
B	A073	Milvus migrans			r				C	DD	C	B
B	A073	Milvus migrans			c				R	DD	C	B
B	A074	Milvus milvus			c				R	DD	C	B
B	A210	Streptopelia turtur			r	490	1470	p		P	C	C
F	6975	Squalius alburnoides			p	33	33	grids1x1	C	P	C	B
M	1355	Lutra lutra			p				R	DD	C	B
M	1362	Lynx pardinus			p				V	DD	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: 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), DD = Data deficient (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' has to be filled in)

Population: A = >15%, B = 2-15%, C = <2%, D = non-significant population

Conservation: A = excellent conservation, B = good conservation, C = average or reduced conservation

Isolation: A = population (almost) isolated, B = population not-isolated, but on the margins of are of distribution, C = population not-isolated withing extended distribution range

Global: A = excellent value, B = good value, C = significant value

3.3 Other important species of flora and fauna (optional)

Species			Population in the site						Motivation				
Group	Code	Scientific Name	S	NP	Size Min	Size Max	Unit	Abundance	Species Annex IV	Species Annex V	Other Cat. A	Other Cat. B	Other Cat. C
A	5896	Triturus pygmaeus						P	x		x	x	x
P		Drosera rotundifolia						R					
P		Eleocharis multicaulis						R					
P		Erica lusitanica						V					
P		Erica tetralix						R					
P		Genista anglica						V					

Species		Population in the site							Motivation				
Group	Code	Scientific Name	S	NP	Size Min	Size Max	Unit	Abundance	Species Annex IV	Species Annex V	Other Cat. A	Other Cat. B	Other Cat. C
P		Hypericum elodes						R					›
P		Isolepis fluitans						R					›
P		Lobelia urens						R					›
P		Myrica gale						V			x		›
P		Narcissus confusus						R				x	›
P		Nymphaea alba						V					›
P		Phillyrea latifolia						R					›
P		Pyrus bourgaeana						C					›
P	1849	Ruscus aculeatus						C		x			
P		Sibthorpia europaea						C					›
P	1409	Sphagnum spp.						R		x			›
P		Viburnum tinus						C					›

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](#))
Abundance: C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information
Motivation: Species Annex IV and Species Annex V: the species is listed under Annex IV or Annex V of the Habitats Directive. A = Species listed in the National Red List, B = Endemic species, C = Species listed under an International convention, D = Other reasons

4. Site Description

4.1 General site character

Code	Habitat Class	Cover [%]
N06	Inland water bodies (Standing water, Running water)	0.1
N15	Other arable land	0.1
N10	Humid grassland, Mesophile grassland	1.87
N16	Broad-leaved deciduous woodland	5.02
N17	Coniferous woodland	11.83

Code	Habitat Class	Cover [%]
N21	Non-forest areas cultivated with woody plants (including Orchards, groves, Vineyards, Dehesas)	13.6
N08	Heath, Scrub, Maquis and Garrigue, Phygrana	14.95
N12	Extensive cereal cultures (including Rotation cultures with regular fallowing)	19.78
N18	Evergreen woodland	32.75
Total Habitat Cover		100

Other Site Characteristics

Macizos montañosos ubicados en la Comarca de los Montes de Ciudad Real, constituidos por conjuntos montanos compactos y de complicada organización topográfica, cuyas cimas no suelen presentar formas afiladas, sino extensos espacios culminantes, en ocasiones suavemente ondulados. En cuanto a la litología, las rocas pertenecen, por un lado, al final de la era Arcaica o Precámbrico superior (pizarras, areniscas y conglomerados) y al comienzo de la era Primaria o Paleozoico (cuarcita amoricana del tramo inferior del Ordovícico, que es la roca en que se labran las crestas más abruptas, y una serie pizarrosa con intercalaciones de bancos areniscos, perteneciente al Ordovícico medio y superior). Por otro lado, están presentes materiales sedimentarios de finales del Terciario (depósitos detríticos compuestos por cantos de cuarcita y arenas y arcillas que tapizan las depresiones de la zona y que se conocen como "rañas"), y derrubios o coluviones del Cuaternario, que son depósitos de cantos muy poco o nada empastados en un sedimento arcilloso o arenoso, que se derraman por las laderas de las sierras, siendo el soporte de una rica e interesante vegetación. En ciertos sectores, se trata de un pedregal suelto, que potencia el desarrollo vegetal debido a la mayor retención de humedad de estos depósitos de pedriza.

4.2 Quality and importance

Conjunto de sierras y macizos montañosos de especial interés para la avifauna, que fue declarado ZEPA en cumplimiento de la Directiva 79/409/CEE, por albergar importantes núcleos de nidificación y campeo de Aguila imperial ibérica y Buitre negro, además de ser territorio de nidificación de otras especies amenazadas, como el Aguila real o la Cigüeña negra. En sus laderas y rañas se asientan formaciones vegetales con alto grado de conservación de bosque y matorral de quercíneas y matorral de brezos y "mancha", existiendo manifestaciones de bosque galería bien conservado en los cursos fluviales (fresnedas, saucedas, e interesantes poblaciones de Nutria y Tritón verdinegro, entre otras especies asociadas a estos ecosistemas).

4.3 Threats, pressures and activities with impacts on the site

Negative Impacts				Positive Impacts	
Rank	Threats and pressures [code]	Pollution (optional) [code]	Occurrence [i o b]	No data	
L	A04		i		
L	B		i		
L	B02.03		i		
L	C01.04		i		
L	D01.01		i		
L	D01.02		i		
L	G01.03		i		
L	L09		i		
M	F03.02.03		i		

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphore/Phosphate input, A = Acid input/acidification, T = Toxic inorganic chemicals, O = Toxic organic chemicals, X = Mixed pollutions

Occurrence: i = inside, o = outside, b = both

4.4 Ownership (optional)

Type	[%]
Public - National/Federal	0
Public - State/Province	7.33
Public - Local/Municipal	0
Public - Any Public	4.89
Joint or Co-Ownership	0
Private	87.78
Unknown	0
Total	100

4.5 Documentation (optional)

Documents: Sección de Vida Silvestre de la Consejería de Medio Ambiente en Ciudad Real, 2012, Datos de los Censos provinciales de la Cigüeña negra, Aguila real, Aguila perdicera, Buitre negro y otras especies. Seguimiento y Reproducción, 2012-2013; JCCM-Consejería de Agricultura, 2014. Fichas de Aves forestales y Aves rupícolas recogidas en el Anexo I de la Directiva 2009/147/CE y en los Catálogos Nacional y Regional de especies Amenazadas, presentes en la Red Natura 2000 de Castilla-La Mancha. Arroyo Morcillo, B. 2013.; Velasco, T., 2012. Aves acuáticas nidificantes y Aves acuáticas cinegéticas en los espacios de la Red Natura 2000 de Castilla-La Mancha. JCCM-Consejería de Agricultura, 2012.

5. Site Protection Status

5.1 Designation types at national and regional level (optional)

Code	Cover [%]
ES32	0.06
ES99	100

5.2 Relation of the described site with other sites (optional)

Designation Level	Type Code	Site Name	Type	Cover [%]
National or regional	ES32	Bonal del barranco de Riofrío	+	0.06
National or regional	ES99	Área crítica águila azor-perdicera	-	100
National or regional	ES99	Área crítica águila imperial ibérica	*	95.78
National or regional	ES99	Área crítica buitre negro	*	95.77
National or regional	ES99	Área crítica cigüeña negra	*	95.78

5.3 Site designation (optional)

La zona propuesta como LIC coincide con los límites resultantes de la ampliación de la ZEPA ES0000088, de la Sierra de los Canalizos. Esta ZEPA, con una superficie inicial en el momento de su declaración de 20.627 Has., pasa a tener, tras su ampliación, una superficie final de 24.135 Has.

6. Site Management

6.1 Body(ies) responsible for the site management

Organisation: Consejería de Desarrollo Sostenible. D.G. de Medio Natural y Biodiversidad. Junta de Comunidades de Castilla- La Mancha

Address: No information provided

Email: rednaturaclm@jccm.es

6.2 Management Plan(s)

☒ Yes

Name: Plan de gestión del espacio Red Natura ES4220013 / ES0000088 "Sierra de Los Canalizos"

Link: <http://www.castillalamancha.es/node/199665>

☐ No, but in preparation

☐ No

6.3 Conservation measures (optional)

Sobre este espacio, la Consejería de Agricultura y Medio Ambiente desarrolla diversos Programas de Conservación de Especies Amenazadas, como el Buitre negro, Cigüeña negra y Águila imperial ibérica, entre otros. Actualmente este LIC/ZEPA se encuentra dentro del ámbito de actuación del Programa LIFE 07/NAT/E/000742 "Priorimancha"; Plan de Gestión de la Microrreserva "Bonal del Barranco de Riofrío" (Decreto 15/2003 de 04-02-2003, por el que se declara la Microrreserva del Bonal del Barranco de Riofrío en el término municipal de Saceruela de la provincia de Ciudad Real).

7. Map of the Site

7.1 INSPIRE ID

No information provided

7.2 Map delivered as PDF in electronic format (optional)

No

