NATURA 2000 - STANDARD DATA FORM
RELEASE Natura2000_end2024 (27/11/2025)
Cerros volcánicos de Cañamares (ES4240008 - SCI)

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

B

1.2 Site Code

ES4240008

1.3 Site Name

Cerros volcánicos de Cañamares

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: No information provided

National legal reference of SPA designation: No information provided

Date site proposed as SCI: 1997-12

Date site confirmed as SCI: 2006-07

Date site designated as SAC: 2015-05

National legal reference of SAC designation: Decreto 26/2015, de 07/05/2015, por el que se declaran como Zonas Especiales de Conservación (ZEC) de la Red Natura 2000 en Castilla-La Mancha, 40 Lugares de Importancia Comunitaria (LIC), se propone a la Comisión Europea la modificación de los límites de 14 de estos espacios y se modifican los límites de 8 Zonas de Especial Protección para las Aves (ZEPA). [NID 2015/5845]

Explanations: Plan de gestión aprobado mediante la Orden de 07/05/2015, de la Consejería de Agricultura, por la que se aprueban los Planes de Gestión de 41 espacios de la Red Natura 2000 en Castilla-La Mancha. [NID 2015/5849]

2. Site Location

2.1 Site-centre location [decimal degrees]

Longitude: -2.9509

Latitude: 41.2049

2.2 Area [ha]

704.67

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
6230	Species-rich Nardus grasslands, on silicious substrates in mountain areas (and submountain areas in Continental Europe)			10.27		M	C	C	B	C
6420	Mediterranean tall humid grasslands of the Molinio-Holoschoenion			5.87		M	C	C	B	C
7140	Transition mires and quaking bogs			1.18		M	C	C	B	C
8210	Calcareous rocky slopes with chasmophytic vegetation			262.71		G	B	C	B	C
9230	Galicio-Portuguese oak woods with Quercus robur and Quercus pyrenaica			16.38		P	C	C	B	C
9340	Quercus ilex and Quercus rotundifolia forests			2.8		P	D			

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	Isolation	Global
B	A210	Streptopelia turtur			r	54	162	p		P	C	C	C	C
P	1569	Erodium paularense			p		154408	i		G	A	A	A	A

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	Other Cat. D
P		Carex echinata						C						x
P		Carex nigra						C						x
P		Drosera rotundifolia						C						x
P	1409	Sphagnum spp.						C		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)
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 Internation convention, D = Other reasons

4. Site Description

4.1 General site character

Code	Habitat Class	Cover [%]
N07	Bogs, Marshes, Water fringed vegetation, Fens	0.2
N23	Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites)	2.21
N19	Mixed woodland	2.7
N10	Humid grassland, Mesophile grassland	3.63
N20	Artificial forest monoculture (e.g. Plantations of poplar or Exotic trees)	20.98
N12	Extensive cereal cultures (including Rotation cultures with regular fallowing)	24.56
N22	Inland rocks, Screes, Sands, Permanent Snow and ice	45.72
	Total Habitat Cover	100

Other Site Characteristics

Alineación que se corresponde con una serie de afloramientos de andesitas volcánicas de edad pérmica, de reacción básica,que constituyen hábitat de una población de Erodium paularense,a gran distancia de su área de distribución tradicional (Valle del Paular, Madrid).

4.2 Quality and importance

El espacio Cerros Volcánicos de Cañamares presenta un valor especial debido a la presencia de la especie Erodium paularense, con una notable disyunción frente a su distribución tradicional en el Valle del Paular (Comunidad de Madrid), presentándose aquí sobre un sustrato de andesitas, diferente del resto de poblaciones (dolomías cretácicas). En la zona existen cinco poblaciones de Erodium paularense, localizadas sobre el Barranco de Valdegómez y diferentes cerros rocosos. La población ubicada en el Barranco de Valdegómez posee un elevado número de ejemplares (21.900individuos en mayo de 1,997), así como una buena densidad (2,7 ejeplares/m2). Si bien, a pesar de encontrarse equilibrada en cuanto a la edad de las plantas, manifiesta un cierto truncamiento en la base, señal de la existencia de dificultades en la regeneración. La población aparece en una comunidad híbrida de difícil asignación fitosociológica, lo que puede atribuirse a lo singular de la litología, que participa al menos de los siguientes sintaxones: - Vegetación rupícola silicícola: Or. Androsacetalia vadellii. - Vegetación silicícola de grietas terrosas: Or. Phagnalo-Rumicetalia indurati. - Tomillar silicícola: Hieracio castellani-Plantaginion radicatae. - Tomillar-pradera calcícola de suelos crioturbados: Cl. Festuco- Ononidetea striatae. - Majadales silicícolas: Festuco amplae-Poetum bulbosae.

4.3 Threats, pressures and activities with impacts on the site

Negative Impacts

Rank	Threats and pressures [code]	Pollution (optional) [code]	Occurrence [i|o|b]
H	C01.04.01		o
L	A01		i
L	A04		i
L	D01.02		i
L	F04.01		i

Positive Impacts

No data

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	1.27
Public - State/Province	0.82
Public - Local/Municipal	12.31
Public - Any Public	0
Joint or Co-Ownership	55.64
Private	26.25
Unknown	3.71
Total	100

4.5 Documentation (optional)

Documents: Martín, C., M.E. González-Benito & J.M. Iriondo. 1999. The use of genetic markers in the identification and characterization of three recently discovered populations of a threatened plant species. Departamento de Biología Vegetal. Escuela Técnica Superior de Ingenieros Agrónomos. Departamento de Biología Vegetal. Escuela Universitaria de Ingeniería Técnica Agrícola. Universidad Politécnica de Madrid. Torres, E., J.M. Iriondo, M.J. Albert & A. Escudero. 2000. Control de la reproducción in situ de la población de Erodium paularense en Cañamares (Guadalajara) – Segunda Parte. Madrid. Albert, M.J., A. Escudero & J.M. Iriondo. 2001. Female reproductive success of narrow endemic Erodium paularense in contrasting microhabitats. Departamento de Biología Vegetal. Escuela Universitaria de Ingeniería Técnica Agrícola. Universidad Politécnica de Madrid. Martín Herrero J., S. Cirujano Bracamonte, M. Moreno Pérez, J.B. Peris Gisbert & G. Stübing Martínez. 2003. La vegetación protegida en Castilla-La Mancha. Dirección General de Medio Natural. Consejería de Agricultura y Medio Ambiente. Junta de Comunidades de Castilla-La Mancha. Albert Gamboa, M.J. 2003. Biología y conservación de Erodium paularense Fern. Gonz. & Izco (Geraniaceae). Escuela Técnica Superior de Ingenieros Agrónomos. Universidad Politécnica de Madrid. Bañares Á., G. Blanca, J. Güemes, J.C. Moreno & S. Ortiz. 2004. Atlas y Libro Rojo de la Flora Vascular Amenazada de España. Dirección General de Conservación de la Naturaleza. Madrid.bert M.J., A. Escudero & J.M. Iriondo. 2005. Assessing ant seed predation in threatened plants: a case study. Área de Biodiversidad y Conservación. Escuela Superior de Ciencias Experimentales y Tecnología. Universidad Rey Juan Carlos. Madrid. Departamento Biología Vegetal. Escuela Universitaria de Ingeniería Técnica Agrícola. Universidad Politécnica de Madrid. Albert M.J., A. Escudero, J.M. Iriondo & E. Torres. 2007. Dissecting components of flowering pattern: size effects on female fitness. Área de Biodiversidad y Conservación. Universidad Rey Juan Carlos. Madrid. Departamento Biología Vegetal. Escuela Universitaria de Ingeniería Técnica Agrícola. Universidad Politécnica de Madrid

5. Site Protection Status

5.1 Designation types at national and regional level (optional)

Code	Cover [%]
ES32	13.76
ES99	13.76

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

Designation Level	Type Code	Site Name	Type	Cover [%]
National or regional	ES99	Área crítica Erodium paularense	+	13.76
National or regional	ES32	Cerros Volcánicos de La Miñosa	+	13.76

5.3 Site designation (optional)

No information provided

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)

- [x] Yes

Name: Plan de gestión del espacio Red Natura "Cerros volcánicos de Cañamares", ES4240008

Link: http://www.castillalamancha.es/node/189328

- [ ] No, but in preparation
- [ ] No

6.3 Conservation measures (optional)

Medidas de gestión y conservación contempladas en el plan de gestión del espacio Red Natura

7. Map of the Site

7.1 INSPIRE ID

No information provided

7.2 Map delivered as PDF in electronic format (optional)

No