

**NATURA 2000 - STANDARD DATA FORM****RELEASE Natura2000_end2024 (27/11/2025)****Sierra del Relumbrar y estribaciones de Alcaraz (ES4210016 - 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

ES4210016

1.3 Site Name

Sierra del Relumbrar y estribaciones de Alcaraz

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:** 2015-08**National legal reference of SAC designation:** Decreto 187/2015, de 7 de agosto, por el que se declaran como Zonas Especiales de Conservación (ZEC) de la Red Natura 2000 en Castilla-La Mancha, 13 Lugares de Importancia Comunitaria (LIC), se propone a la Comisión Europea la modificación de los límites de 7 de estos espacios y se modifican los límites de 4 Zonas de Especial Protección para las Aves (ZEPA)**Explanations:** Plan de gestión del espacio Red Natura aprobado mediante la Orden de 7 de agosto de 2015, de la Consejería de Agricultura, Medio Ambiente y Desarrollo Rural, por la que se aprueban: los planes de gestión de 13 espacios de la Red Natura 2000 en Castilla-La Mancha.**2. Site Location****2.1 Site-centre location [decimal degrees]****Longitude:** -2.697**Latitude:** 38.5693**2.2 Area [ha]**

30772.92

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
3150	Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation			0.12		G	D			
3170	Mediterranean temporary ponds			3.19		G	C	C	B	B
3250	Constantly flowing Mediterranean rivers with Glaucium flavum			0.06		G	C	C	B	B
3260	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation			0.54		G	C	C	B	B
4030	European dry heaths			1285.57		G	A	C	B	B
4090	Endemic oro-Mediterranean heaths with gorse			143.51		G	B	C	B	B
5210	Arborescent matorral with Juniperus spp.			39.09		G	B	C	B	B
5330	Thermo-Mediterranean and pre-desert scrub			421.16		G	B	C	B	B
6110	Rupicolous calcareous or basophilic grasslands of the Alysso-Sedion albi			1.11		G	D			

Annex I Habitat Types					Site Assessment					
Code	Name	PF	NP	Cover [ha]	Caves [number]	Data Quality	Representativity	Relative Surface	Conservation	Global
6220	Pseudo-steppe with grasses and annuals of the Thero-Brachypodietea			442.48		G	A	C	B	B
6310	Dehesas with evergreen Quercus spp.			12.93		G	A	C	B	B
6420	Mediterranean tall humid grasslands of the Molinio-Holoschoenion			78.85		G	B	C	C	B
6430	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels			0.76		G	D			
7220	Petrifying springs with tufa formation (Cratoneurion)			0.07		G	C	C	A	B
8210	Calcareous rocky slopes with chasmophytic vegetation			14.7		G	A	C	B	B
8220	Siliceous rocky slopes with chasmophytic vegetation			67.93		G	A	C	B	B
8230	Siliceous rock with pioneer vegetation of the Sedo-Scleranthion or of the Sedo albi-Veronicion dillenii			54.08		G	A	C	B	B
91B0	Thermophilous Fraxinus angustifolia woods			1.27		G	B	C	B	B
9240	Quercus faginea and Quercus canariensis Iberian woods			132.95		G	A	C	B	B
92A0	Salix alba and Populus alba galleries			41.74		G	A	C	B	B
92D0	Southern riparian galleries and thickets (Nerio-Tamaricetea and			27.8		G	A	C	B	B

Annex I Habitat Types					Site Assessment					
Code	Name	PF	NP	Cover [ha]	Caves [number]	Data Quality	Representativity	Relative Surface	Conservation	Global
	Securinegion tinctoriae)									
9330	Quercus suber forests			21.36		G	A	C	B	B
9340	Quercus ilex and Quercus rotundifolia forests			8217.41		G	A	C	B	B
9540	Mediterranean pine forests with endemic Mesogean pines			38.95		G	B	C	B	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
B	A405	Aquila adalberti			p	1	2	p		P	C	B
B	A091	Aquila chrysaetos			p	1	2	p		P	C	B
B	A707	Aquila fasciata			p	1	1	p		P	C	B
B	A215	Bubo bubo			p				P	DD	C	B
B	A103	Falco peregrinus			p	1	1	p		P	C	B
B	A346	Pyrrhocorax pyrrhocorax			p				P	DD	C	B
B	A210	Streptopelia turtur			r	1397	4191	p		P	C	C
F	5302	Cobitis paludica			p	6	20	grids1x1		P	C	B
F	5926	Iberochondrostoma lemmingii			p		12	grids1x1	P	P	B	B
F	6162	Pseudochondrostoma willkommii			p	30	76	grids1x1	C	P	C	B
F	6975	Squalius alburnoides			p		42	grids1x1	P	P	C	B
I	1092	Austropotamobius pallipes			p				V	DD	C	C

Species			Population in the site								Site Assessment	
Group	Code	Scientific Name	S	NP	Type	Size Min	Size Max	Unit	Abundance	Data Quality	Population	Conservation
M	1355	Lutra lutra			p				V	DD	C	B
M	1362	Lynx pardinus			p				V	DD	D	
M	1338	Microtus cabreræ			p				V	DD	C	C
P	1490	Coincya rupestris			p	150	817	i		M	B	B
P	1858	Narcissus nevadensis			p				P	DD	B	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: 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
P		Acer monspessulanum						P					
P		Acer opalus subsp. granatense						P					
P		Antirrhinum australe						P				x	
P		Aria edulis						P					
P		Asplenium scolopendrium						P					
P		Colutea brevilata						P					
P		Colutea hispanica						P				x	
P		Coronilla valentina subsp. glauca						P					
P		Corylus avellana						P					
P		Crataegus laciniata						P			x		
P		Dactylorhiza elata						P					
P		Genista cinerea						P					

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		Genista polyanthos						P				x	
P		Geranium cataractarum						P			x		
P		Himantoglossum hircinum						P					
P		Juniperus thurifera						P					
P	1996	Narcissus triandrus						P	x				x
P		Onosma tricrosperma subsp. tricrosperma						P				x	
P		Phillyrea latifolia						P					
P		Pinguicula mundi						P			x	x	
P		Prunus avium						P					
P		Pseudopodospermum reverchonii						P				x	
P		Pyrus bourgaeana						P					
P	1849	Ruscus aculeatus						P		x			
P		Sarcocapnos baetica						P				x	
P		Sideritis lacaitae						P				x	
P		Torminalis glaberrima						P					
P		Viburnum opulus						P					

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 [%]
N23	Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites)	0.11
N06	Inland water bodies (Standing water, Running water)	0.13
N10	Humid grassland, Mesophile grassland	0.28
N15	Other arable land	0.58

Code	Habitat Class	Cover [%]
N16	Broad-leaved deciduous woodland	0.62
N22	Inland rocks, Scree, Sands, Permanent Snow and ice	0.98
N20	Artificial forest monoculture (e.g. Plantations of poplar or Exotic trees)	1.41
N17	Coniferous woodland	3.54
N19	Mixed woodland	8.46
N21	Non-forest areas cultivated with woody plants (including Orchards, groves, Vineyards, Dehesas)	10.95
N12	Extensive cereal cultures (including Rotation cultures with regular fallowing)	12.94
N09	Dry grassland, Steppes	16.97
N08	Heath, Scrub, Maquis and Garrigue, Phryganea	21.36
N18	Evergreen woodland	21.67
Total Habitat Cover		100

Other Site Characteristics

Sierra ubicada en las estribaciones de Sierra Morena en su límite oriental, en la zona de contacto de este sistema montañoso con la Sierra de Alcaraz. Así, en cuanto a su litología, se presentan cuarcitas, pizarras y areniscas en el anticlinal desventrado que conforma la Sierra del Relumbrar, con materiales de aluvión rellenando la cuenca interior de este anticlinal, contrastando con la litología de tipo básico presente al este del Río Guadalmena, en la zona de Cerro Vico y estribaciones occidentales de la Sierra de Alcaraz (calizas, margas, etc.). En cuanto a las formas de modelado destacan las crestas talladas en cuarcitas de mayor resistencia, en la zona de la Sierra del Relumbrar y los valles fluviales, al pie de los flancos de este anticlinal, labrados por el Río Guadalmena y el Arroyo de Villanueva de la Fuente.

4.2 Quality and importance

Sierras ubicadas en las estribaciones orientales de Sierra Morena, en su transición a la Sierra de Alcaraz, de gran interés para la conservación al albergar una de las dos principales poblaciones reproductoras de Lince ibérico existentes en el territorio de Castilla-La Mancha. La existencia de formaciones vegetales bien conservadas de bosque y matorral de quercíneas, enebrales y matorral de "mancha" con cultivos de siembras intercalados conforman un hábitat idóneo para esta población de Lince ibérico, tanto por ofrecer la cobertura vegetal necesaria para su refugio, como por la abundancia de poblaciones de "especies presa" necesarias para su alimentación. El mantenimiento de este núcleo poblacional es vital para la viabilidad de la especie, considerando tanto la posibilidad de reforzar las poblaciones localizadas al oeste, en Sierra Morena, con las que está conectada a través del Valle del río Guadalmena, como la recolonización de territorios de los que ha desaparecido esta especie. A lo largo de los principales cursos de agua (Río Guadalmena y Arroyo de Villanueva de la Fuente), se desarrolla una interesante vegetación riparia de saucedas, fresnedas, juncuales, etc.), sustentando una importante población de Nutria y diversas especies de ciprínidos de interés. De igual forma, se incluyen las dos localidades donde se conoce la existencia de poblaciones homotípicas de Coincya rupestris subsp. rupestris: el Estrecho del Hocino y La Molata El estrecho del Hocino está conformado por los cortados de dos cerros cuarcíticos entre los que discurre el río Salobre y sobre cuyas paredes vive la especie. La vegetación está constituida por matorrales de encina (Quercus rotundifolia), jara (Cistus monspeliensis) y coscoja (Quercus coccifera). El paisaje del paraje de La Molata es de pequeños cortados calizos al pie de los cuales vive Coincya rupestris. En el terreno llano de la cumbre la vegetación está constituida por encina y repoblaciones de pinos. Existe una pareja nidificante de águila perdicera.

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	
H	A02.01		i		
H	F03.01.01		i		
H	F03.02.04		i		
H	J03.01.01		i		
H	K04.05		i		
M	A07		i		

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	Occurrence [i o b]
M	D02.01.01		i
M	F03.01		i
M	G01.03		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	0
Public - Local/Municipal	0
Public - Any Public	14
Joint or Co-Ownership	0
Private	86
Unknown	0
Total	100

4.5 Documentation (optional)

Documents: Plan de Recuperación de la especie de flora Coincya rupestris. Estudios básicos para su elaboración. documento inédito. Consejería de Agricultura y Medio Ambiente.

5. Site Protection Status

5.1 Designation types at national and regional level (optional)

Code	Cover [%]
ES99	100
ES32	2.31

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 águila azor-perdicera	-	100
National or regional	ES99	Área crítica Coincya rupestris	*	0.71
National or regional	ES99	Área crítica lince ibérico	*	78.34
National or regional	ES32	La Molata y Los Batanes	*	1.96

Designation Level	Type Code	Site Name	Type	Cover [%]
National or regional	ES32	Estrecho del Hocino	+	0.35
National or regional	ES99	Área crítica águila imperial ibérica	*	0.29

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)

☒ Yes

Name: Plan de gestión de espacio Red Natura ES4210016 "Sierra del Relumbrar y estribacines de Alcaraz"

Link: <http://www.castillalamancha.es/node/199625>

☐ No, but in preparation

☐ No

6.3 Conservation measures (optional)

Esta zona está incluida en el ámbito de actuación del Programa "LIFE-Conservación del Lince ibérico", que se ha desarrollado desde el año 1995 hasta 1999, prosiguiendo la aplicación de acciones del Programa de Conservación del Lince ibérico que desarrolla la Consejería de Agricultura y Medio Ambiente.

7. Map of the Site

7.1 INSPIRE ID

No information provided

7.2 Map delivered as PDF in electronic format (optional)

No

