

**NATURA 2000 - STANDARD DATA FORM****RELEASE Natura2000_end2024 (27/11/2025)****Sierras de Almadén - Chillón y Guadalmez (ES4220015 - SPA/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**

C

1.2 Site Code

ES4220015

1.3 Site Name

Sierras de Almadén - Chillón y Guadalmez

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 ES4220015 "Sierras de Almadén, Chillón y Guadalmez" y ZEPA ES0000155 "Sierras de Almadén, Chillón y Guadalmez". Plan de gestión 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:** -4.8867**Latitude:** 38.7415**2.2 Area [ha]**

7474.83

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			35.76		G	B	C	B	B
3170	Mediterranean temporary ponds			29.18		G	C	C	B	C
3260	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation			4		G	B	C	B	C
4030	European dry heaths			146.4		G	B	C	B	C
5210	Arborescent matorral with Juniperus spp.			23.7		G	B	C	B	B
5330	Thermo-Mediterranean and pre-desert scrub			1097.84		G	B	C	B	B
6220	Pseudo-steppe with grasses and annuals of the Thero-Brachypodietea			37.7		G	B	C	B	B
6310	Dehesas with evergreen Quercus spp.			2304.29		G	B	C	B	B
6410	Molinia meadows on calcareous, peaty or clayey-silt-laden soils			0.6		G	B	C	B	C

Annex I Habitat Types					Site Assessment					
Code	Name	PF	NP	Cover [ha]	Caves [number]	Data Quality	Representativity	Relative Surface	Conservation	Global
	(Molinion caeruleae)									
6420	Mediterranean tall humid grasslands of the Molinio-Holoschoenion			29.74		G	B	C	B	B
8130	Western Mediterranean and thermophilous scree			24.87		G	B	C	B	B
8220	Siliceous rocky slopes with chasmophytic vegetation			105.72		G	B	C	B	B
91B0	Thermophilous Fraxinus angustifolia woods			20.87		G	B	C	B	B
9240	Quercus faginea and Quercus canariensis Iberian woods			118.47		G	A	C	C	A
92A0	Salix alba and Populus alba galleries			24.89		G	B	C	C	C
92D0	Southern riparian galleries and thickets (Nerio-Tamaricetea and Securinegion tinctoriae)			140.76		G	B	C	B	B
9320	Olea and Ceratonia forests			207.47		G	B	C	B	B
9330	Quercus suber forests			430.05		G	B	C	C	B
9340	Quercus ilex and Quercus rotundifolia forests			802.47		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	A168	Actitis hypoleucos			c	11	50	i		P	C	B
B	A053	Anas platyrhynchos			w	11	50	i		P	C	B
B	A053	Anas platyrhynchos			c	11	50	i		P	C	B
B	A053	Anas platyrhynchos			r	25	30	p		P	C	B
B	A091	Aquila chrysaetos			p	1	1	p		P	C	A
B	A707	Aquila fasciata			p	3	3	p		P	C	B
B	A028	Ardea cinerea			r	6	10	p		P	C	B
B	A215	Bubo bubo			p				C	DD	C	B
B	A025	Bubulcus ibis			r	51	100	p		P	C	B
B	A861	Calidris pugnax			c	1	5	i		P	C	B
B	A136	Charadrius dubius			r	11	50	p		P	C	B
B	A031	Ciconia ciconia			r	11	50	p		P	C	A
B	A031	Ciconia ciconia			w	6	10	i		P	C	A
B	A031	Ciconia ciconia			c	51	100	i		P	C	A
B	A030	Ciconia nigra			w				P	DD	B	A
B	A030	Ciconia nigra			c	51	100	i		P	C	A
B	A030	Ciconia nigra			r	1	5	p		P	C	B
B	A080	Circaetus gallicus			c				C	DD	C	B
B	A026	Egretta garzetta			r	1	5	p		P	C	B
B	A399	Elanus caeruleus			p	4	4	p		P	C	B
B	A125	Fulica atra			r	1	5	p		P	C	B
B	A244	Galerida cristata			r				C	DD	C	B
B	A153	Gallinago gallinago			w	6	10	i		P	C	B
B	A123	Gallinula chloropus			r	11	50	p		P	C	B
B	A123	Gallinula chloropus			w	11	50	i		P	C	B
B	A092	Hieraaetus pennatus			c				C	DD	C	B
B	A131	Himantopus himantopus			r	1	5	p		P	C	B
B	A022	Ixobrychus minutus			r	1	5	p		P	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	A183	Larus fuscus			w	1	5	i		P	C	B
B	A179	Larus ridibundus			w	11	50	i		P	C	B
B	A889	Mareca strepera			r	1	5	p		P	C	B
B	A073	Milvus migrans			c				R	DD	C	B
B	A074	Milvus milvus			c				C	DD	C	B
B	A074	Milvus milvus			w				C	DD	C	B
B	A077	Neophron percnopterus			r	1	1	p		P	C	C
B	A023	Nycticorax nycticorax			r	1	5	p		P	C	B
B	A391	Phalacrocorax carbo sinensis			r	6	10	p		P	C	B
B	A391	Phalacrocorax carbo sinensis			w	11	50	i		P	C	B
B	A005	Podiceps cristatus			r	1	5	p		P	C	B
B	A118	Rallus aquaticus			c	6	10	i		P	C	B
B	A118	Rallus aquaticus			w	1	5	i		P	C	B
B	A118	Rallus aquaticus			r	1	5	p		P	C	B
B	A155	Scolopax rusticola			w	11	50	i		P	C	B
B	A885	Sternula albifrons			r	6	10	p		P	C	B
B	A210	Streptopelia turtur			r	147	442	p		P	C	C
B	A004	Tachybaptus ruficollis			r	1	5	p		P	C	B
B	A164	Tringa nebularia			c	1	5	i		P	C	B
B	A165	Tringa ochropus			c	6	10	i		P	C	B
B	A162	Tringa totanus			c	6	10	i		P	C	B
B	A142	Vanellus vanellus			w	11	50	i		P	C	B
F	1133	Anaeyprhis hispanica			p	12	37	grids1x1	R	P	C	C
F	5926	Iberochondrostoma lemmingii			p	16	32	grids1x1	C	P	C	B
F	6168	Luciobarbus comizo			p	37	42	grids1x1	C	P	C	B
F	6162	Pseudochondrostoma willkommii			p	34	38	grids1x1	C	P	C	B
F	6975	Squalius alburnoides			p	22	45	grids1x1	C	P	C	B
M	1355	Lutra lutra			p				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
M	1304	Rhinolophus ferrumequinum			r	11	50	i		G	C	B
P	1427	Marsilea batardae			p				P	DD	C	C
R	1221	Mauremys leprosa			p				C	DD	C	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 area of distribution, C = population not-isolated with 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	
M	1314	Myotis daubentonii						P	x				x	
M	2016	Pipistrellus kuhlii						P	x				x	
M	1309	Pipistrellus pipistrellus						C	x				x	
M	1333	Tadarida teniotis						P	x				x	
P		Myriophyllum verticillatum						R						
P		Nuphar lutea subsp. lutea						V						
P		Pyrus bourgaeana						C						
P	1849	Ruscus aculeatus						C		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 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)	0.44
N08	Heath, Scrub, Maquis and Garrigue, Phygrana	1.93
N12	Extensive cereal cultures (including Rotation cultures with regular fallowing)	5.16
N15	Other arable land	5.34
N16	Broad-leaved deciduous woodland	8.78
N21	Non-forest areas cultivated with woody plants (including Orchards, groves, Vineyards, Dehesas)	15.96
N10	Humid grassland, Mesophile grassland	29.01
N18	Evergreen woodland	33.38
Total Habitat Cover		100

Other Site Characteristics

El espacio Natura 2000 ?Sierras de Almadén, Chillón y Guadalmez? se sitúa en el extremo suroccidental de la provincia de Ciudad Real, en la comarca natural ?Montes Sur?. Agrupa un conjunto de pequeñas sierras en las estribaciones del Valle de Alcudía. Su paisaje está definido por el relieve ?apalachense? de un conjunto de pequeñas sierras paralelas, de naturaleza cuarcítica y pizarrosa, con crestas escarpadas. Los cursos fluviales pertenecen a la cuenca del río Guadalmez, y presentan lechos arenosos, muy permeables, formándose a veces tablas y charcas. Sustentan una vegetación riparia bien desarrollada en algunos tramos donde encontramos especies de marcado carácter termófilo como adelfares (Nerium oleander) y tamujares (Flueggea tinctoria). Entre las sierras que conforman este espacio natural, destacan la de Andarón, la de Chillón, la de las Hoyuelas, Sierra de la Virgen del Castillo o de Cordoneros, o la Sierra de Abulagar, muy cercana ya a los Pedroches cordobeses. Los principales ríos y arroyos son el Guadalmez, el Manantivo, el Tamujar, el arrollo Azogado y el río Valdeazogues. La localidad de mayor interés es Almadén, importante núcleo minero, que es un buen punto de partida para visitar este conjunto de sierras. En las laderas y valles encontramos buenas formaciones de encinares, alcornocales, acebuchares y dehesas, con enebrales y manchas de matorral de diferente densidad. A lo largo del curso del río Guadalmez existen valiosas formaciones riparias de fresnedas y saucedas con juncales. El matorral ripario está formado por adelfares y tamujares, indicadores de un ambiente climático de marcado carácter termófilo.

4.2 Quality and importance

Este espacio Red Natura 2000 tiene un extraordinario interés para la avifauna, manteniendo la principal zona de concentración premigratoria de cigüeña negra de Castilla-La Mancha, con nidificación de esta especie. Presenta además importantes poblaciones de aves nidificantes, como águila perdicera, águila real, alimoche y cigüeña blanca. En sus cursos de agua, especialmente en el río Guadalmez, habita una interesante variedad de ciprínidos autóctonos, entre los que destaca el endémico jarabugo, y varias especies de anfibios que soportan el periodo de estiaje por la presencia de tablas y charcas permanentes, como el tritón verdinegro. También está presente la nutria.

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	A01		i		
L	A04		i		
L	A10.01		i		
L	B02.03		i		
L	C01.04		i		

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	Occurrence [i o b]
L	C01.04.01		i
L	D01.01		i
L	D01.02		i
L	D02.01		i
L	G01.02		i
L	G01.03		i
L	J02.05		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	13.11
Joint or Co-Ownership	0
Private	86.89
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 [%]
ES99	100

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 cigüeña negra	*	91.11
National or regional	ES99	Área crítica águila azor-perdicera	-	100
National or regional	ES99	Área crítica águila imperial ibérica	*	10.1
National or regional	ES99	Área crítica buitre negro	*	10.1
National or regional	ES99	Área crítica lince ibérico	*	10.1

5.3 Site designation (optional)

La totalidad de este espacio ha sido designada como Área Crítica para la recuperación del águila imperial ibérica y cigüeña negra, en los correspondientes Planes de Recuperación en Castilla-La Mancha, y para el buitre negro en su Plan de Conservación.

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 para el espacio Red Natura ES4220015 / ES0000155 "Sierras de Almadén, Chillón y Guadalmez"

Link: <http://www.castillalamancha.es/node/199668>

☐ No, but in preparation

☐ No

6.3 Conservation measures (optional)

La Consejería de Agricultura y Medio Ambiente desarrolla Programas de Conservación de la Cigüeña negra y Águila perdicera, que se aplican en esta zona, así como otros programas de conservación de especies amenazadas.(Decreto 275/2003, de 09-09-2003, de Castilla-La Mancha).

7. Map of the Site

7.1 INSPIRE ID

No information provided

7.2 Map delivered as PDF in electronic format (optional)

No

