



NATURA 2000 - STANDARD DATA FORM
RELEASE Natura2000_end2024 (27/11/2025)
Sabinares rastreros de Alustante - Tordesilos
(ES4240022 - SCI)

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1. Site Identification

1.1 Type

B

1.2 Site Code

ES4240022

1.3 Site Name

Sabinares rastreros de Alustante - Tordesilos

1.4 First Compilation date

2001-01

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: 2001-01

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 Conservacion (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: -1.5939

Latitude: 40.6126

2.2 Area [ha]

6064.93

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)			0.17		P	B	C	B	B
3140	Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.			0.03		P	B	C	B	B
3150	Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation			0.26		P	B	C	B	B
3170	Mediterranean temporary ponds			1.02		P	B	C	B	B
4060	Alpine and Boreal heaths			2106.18		M	A	C	A	A
6170	Alpine and subalpine calcareous grasslands			2001.25		M	A	C	B	B
6220	Pseudo-steppe with grasses and annuals of the Thero-Brachypodietea			169.96		M	B	C	B	B
8130	Western Mediterranean and thermophilous scree			0.26		M	C	C	B	B
8210	Calcareous rocky slopes			5.34		M	C	C	B	B

Annex I Habitat Types					Site Assessment					
Code	Name	PF	NP	Cover [ha]	Caves [number]	Data Quality	Representativity	Relative Surface	Conservation	Global
	with chasmophytic vegetation									
9240	Quercus faginea and Quercus canariensis Iberian woods			26.97		M	B	C	B	B
9340	Quercus ilex and Quercus rotundifolia forests			125.17		M	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	Isolation	Global
A	1194	Discoglossus galganoi			p				P	DD	C	B	C	B
B	A133	Burhinus oedicnemus			w				P	DD	C	B	C	B
B	A081	Circus aeruginosus			r	1	1	bfemales		P	C	B	C	B
B	A379	Emberiza hortulana			r				P	DD	C	B	C	B
B	A153	Gallinago gallinago			w				P	DD	C	B	C	B
B	A346	Pyrrhocorax pyrrhocorax			p				P	DD	C	B	C	B
B	A210	Streptopelia turtur			r	41	124	p		P	C	C	C	C
B	A304	Sylvia cantillans			r				R	DD	C	B	C	B
B	A302	Sylvia undata			p				C	DD	C	B	C	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	Other Cat. D	
A	1191	Alytes obstetricans						P	x				x	x	
A	6284	Epidalea calamita						P	x				x	x	
A	1198	Pelobates cultripes						P	x				x	x	
A	2360	Pelodytes punctatus						P				x	x	x	
B	A362	Carduelis citrinella						P					x	x	
B	A311	Sylvia atricapilla						R					x	x	
B	A310	Sylvia borin						R					x	x	
B	A309	Sylvia communis						R					x	x	
B	A283	Turdus merula						P						x	
B	A287	Turdus viscivorus						P						x	
M	1363	Felis silvestris						P	x				x	x	
M	2630	Martes foina						P					x	x	
M	2631	Meles meles						P					x	x	
M	2634	Mustela nivalis						P					x	x	
M	2607	Sciurus vulgaris						P					x	x	
P		Astragalus sempervirens subsp. muticus						C				x		x	
P		Ephedra major						P						x	
P		Littorella uniflora						P						x	
R	1272	Chalcides bedriagai						P	x			x	x	x	
R	1283	Coronella austriaca						P	x				x	x	

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
R	2452	Coronella girondica						P					x	x
R		Natrix astreptophora						P					x	x
R	2467	Natrix maura						P					x	x
R		Podarcis liolepis						P				x	x	x
R	2430	Psammodromus algirus						P					x	x
R	5883	Timon lepidus						P					x	x
R	5904	Vipera latastei						P					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 [%]
N10	Humid grassland, Mesophile grassland	0.03
N17	Coniferous woodland	0.03
N21	Non-forest areas cultivated with woody plants (including Orchards, groves, Vineyards, Dehesas)	0.04
N22	Inland rocks, Screes, Sands, Permanent Snow and ice	0.13
N06	Inland water bodies (Standing water, Running water)	0.23
N16	Broad-leaved deciduous woodland	0.72
N23	Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites)	1.17
N20	Artificial forest monoculture (e.g. Plantations of poplar or Exotic trees)	2.66
N18	Evergreen woodland	3.09
N12	Extensive cereal cultures (including Rotation cultures with regular fallowing)	23.16
N09	Dry grassland, Steppes	27.64
N08	Heath, Scrub, Maquis and Garrigue, Phygrana	41.1
	Total Habitat Cover	100

Other Site Characteristics

Los sabinares rastreros de Alustante-Tordesilos se sitúan en el extremo suroriental de la provincia de Guadalajara, al sur de la Sierra del Señorío de Molina y al norte de la Sierra de Albarracín y del Alto Tajo, en el límite con la provincia de Teruel. La comarca, que mantiene características de zona de montaña con una demografía baja y una economía agropastoril y maderera, presenta una cierta variedad paisajística, dominada por las parameras calizas rodeadas de las sierras circundantes.

4.2 Quality and importance

Es en este espacio, junto con la colindante ZEC del Alto Tajo, donde aparecen las más extensas y mejor conservadas formaciones de sabinar rastrero en Castilla-La Mancha, constituyendo un hábitat escaso en la región, representado por bosques relicticos propios de condiciones climáticas extremas sobre sustrato calizo. El sabinar rastrero (*Juniperus sabina*) se encuentra relegado a ciertas áreas de los altos páramos de la Meseta Ibérica, junto a zonas arboladas de rebollares y quejigares, así como algunas masas forestales de pino albar, en ocasiones insólitamente mezclado con encinar. La forma en que se desarrollan las manchas de sabina rastrera y el aspecto que le confiere el efecto del pastoreo, generan un paisaje característico en la paramera caliza, conocido como ?piel de leopardo?. Son asimismo de interés botánico las formaciones de tomillar-pradera intercaladas entre los sabinares o las formaciones de sotobosque de las zonas arboladas, así como otras especies de matorral bajo junto a praderas de diente que representan las últimas etapas de degradación de los sabinares. Igualmente, este espacio constituye un hábitat ideal para un significativo número de poblaciones de aves esteparias y passeriformes forestales, tal y como zorzales y currucas, las cuales encuentran refugio y alimento en los sabinares rastreros. Finalmente, en el extremo nororiental del espacio, merece mención especial la laguna de Tordesilos, sistema lacustre temporal asociado a una flora singular y comunidades vegetales acuáticas y anfibias de gran valor adaptadas a estas condiciones estacionales.

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]	Rank	Activities, management [code]	Pollution (optional) [code]	Occurrence [i o b]
H	A04.03		i	M	A04		i
H	L09		b				
H	M		i				
M	B01.02		i				
M	B02.01		i				
M	C01.04.01		i				
M	D01		i				
M	D02		i				
M	M02.03		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	0.64
Public - State/Province	5.36
Public - Local/Municipal	10.34
Public - Any Public	0
Joint or Co-Ownership	1.03

Type	[%]
Private	82.17
Unknown	0.46
Total	100

4.5 Documentation (optional)

No information provided

5. Site Protection Status

5.1 Designation types at national and regional level (optional)

Code	Cover [%]
ES00	0

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

No information provided

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 del espacio Red Natura ES4240022 "Sabinares rastreros de Alustante - Tordesilos"

Link: <http://www.castillalamancha.es/node/199618>

☐ No, but in preparation

☐ No

6.3 Conservation measures (optional)

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7. Map of the Site

7.1 INSPIRE ID

No information provided

7.2 Map delivered as PDF in electronic format (optional)

No



