



# NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),  
Proposed Sites for Community Importance (pSCI),  
Sites of Community Importance (SCI) and  
for Special Areas of Conservation (SAC)

SITE ES2410070  
SITENAME Sierra del Castillo de Laguarres

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> ES2410070	<a href="#">Back to top</a>
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### 1.3 Site name

Sierra del Castillo de Laguarres

<b>1.4 First Compilation date</b> 2000-07	<b>1.5 Update date</b> 2012-06
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### 1.6 Respondent:

**Name/Organisation:** Dirección General de Conservación del Medio Natural Departamento de Agricultura, Ganadería y Medio Ambiente Gobierno de Aragón  
**Address:** Plaza San Pedro Nolasco, 7 50001 ZARAGOZA  
**Email:** bancodedatos@aragon.es

<b>Date site proposed as SCI:</b>	2000-07
<b>Date site confirmed as SCI:</b>	2006-06
<b>Date site designated as SAC:</b>	No data
<b>National legal reference of SAC designation:</b>	No data

## 2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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**Longitude**  
0.496944444

**Latitude**  
42.15805556

**2.2 Area [ha]:**  
3687.079547

**2.3 Marine area [%]**  
0.0

**2.4 Sitelength [km]:**  
0.0

## 2.5 Administrative region code and name

**NUTS level 2 code**      **Region Name**

ES24	Aragón
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## 2.6 Biogeographical Region(s)

Mediterranean (100.0  
%)

## 3. ECOLOGICAL INFORMATION

### 3.1 Habitat types present on the site and assessment for them

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Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
6410			0.0050		M	A	C	A	A
8210			36.24		M	B	C	B	B
9240			386.32		M	B	C	B	B
9340			547.44		M	A	C	A	A
9530			115.84		M	B	C	B	B

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the 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, 8330 (caves) enter the number of caves if 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)

### 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		
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D.qual.	A B C D	A B C	
						Min	Max				Pop.	Con.	Isolated
B	A247	<a href="#">Alauda arvensis</a>			p				P	DD	C	C	C
B	A255	<a href="#">Anthus campestris</a>			r				P	DD	C	B	C
B	A256	<a href="#">Anthus trivialis</a>			r				P	DD	C	C	C
B	A228	<a href="#">Apus melba</a>			c				P	DD	C	C	C
B	A087	<a href="#">Buteo buteo</a>			p				P	DD	C	C	C
P	1386	<a href="#">Buxbaumia viridis</a>			p	1	1	grids10x10	V	G	C	C	B
B	A224	<a href="#">Caprimulgus europaeus</a>			r				P	DD	C	B	C
B	A080	<a href="#">Circaetus gallicus</a>			r	1	1	p		P	C	B	C
B	A207	<a href="#">Columba oenas</a>			p				P	DD	C	C	C
B	A208	<a href="#">Columba palumbus</a>			p				C	DD	C	B	C
B	A113	<a href="#">Coturnix coturnix</a>			r				P	DD	C	C	C
B	A212	<a href="#">Cuculus canorus</a>			r				P	DD	C	C	C
B	A253	<a href="#">Delichon urbica</a>			r				C	DD	C	B	C
B	A379	<a href="#">Emberiza hortulana</a>			r				P	DD	C	B	C
B	A269	<a href="#">Erithacus rubecula</a>			p				C	DD	C	B	C
I	1065	<a href="#">Euphydryas aurinia</a>			p				P	DD	C	C	C
I	6199	<a href="#">Euplagia quadripunctaria</a>			p	-1				DD	D		
B	A099	<a href="#">Falco subbuteo</a>			r				P	DD	C	C	C
B	A359	<a href="#">Fringilla coelebs</a>			p				C	DD	C	B	C
B	A245	<a href="#">Galerida theklae</a>			p				P	DD	C	B	C
B	A076	<a href="#">Gypaetus barbatus</a>			p				R	P	D		
B	A078	<a href="#">Gyps fulvus</a>			c				P	DD	D		
B	A300	<a href="#">Hippolais polyglotta</a>			r				P	DD	C	C	C
B	A251	<a href="#">Hirundo rustica</a>			r				P	DD	C	C	C
B	A338	<a href="#">Lanius collurio</a>			r				P	DD	C	B	C
B	A341	<a href="#">Lanius senator</a>			r				P	DD	C	C	C
I	1083	<a href="#">Lucanus cervus</a>			p				P	DD	C	C	B
B	A246	<a href="#">Lullula arborea</a>			p				P	DD	C	B	C
B	A271	<a href="#">Luscinia megarhynchos</a>			r				P	DD	C	C	C
M	1355	<a href="#">Lutra lutra</a>			p				R	M	D		
B	A230	<a href="#">Merops apiaster</a>			r				P	DD	C	C	C

B	A073	<a href="#">Milvus migrans</a>			r				P	DD	C	B	C
B	A074	<a href="#">Milvus milvus</a>			p				P	DD	C	B	C
B	A280	<a href="#">Monticola saxatilis</a>			r				P	DD	C	C	C
B	A262	<a href="#">Motacilla alba</a>			p				P	DD	C	C	C
B	A319	<a href="#">Muscicapa striata</a>			p				P	DD	C	C	C
B	A077	<a href="#">Neophron percnopterus</a>			r	1	3	p		M	C	B	C
B	A278	<a href="#">Oenanthe hispanica</a>			r				P	DD	C	B	C
B	A277	<a href="#">Oenanthe oenanthe</a>			r				P	DD	C	B	C
B	A337	<a href="#">Oriolus oriolus</a>			r				P	DD	C	C	C
B	A214	<a href="#">Otus scops</a>			r				P	DD	C	C	C
F	5292	<a href="#">Parachondrostoma miegii</a>			p				R	B	C	C	A
B	A273	<a href="#">Phoenicurus ochruros</a>			p				C	DD	C	B	C
B	A313	<a href="#">Phylloscopus bonelli</a>			r				C	DD	C	B	C
B	A315	<a href="#">Phylloscopus collybita</a>			p				P	DD	C	C	C
B	A266	<a href="#">Prunella modularis</a>			p				P	DD	C	C	C
B	A346	<a href="#">Pyrrhonorax pyrrhonorax</a>			p				P	DD	C	B	C
B	A318	<a href="#">Regulus ignicapillus</a>			p				C	DD	C	B	C
B	A210	<a href="#">Streptopelia turtur</a>			r				P	DD	C	C	C
B	A311	<a href="#">Sylvia atricapilla</a>			r				P	DD	C	B	C
B	A304	<a href="#">Sylvia cantillans</a>			r				P	DD	C	B	C
B	A309	<a href="#">Sylvia communis</a>			r				P	DD	C	C	C
B	A306	<a href="#">Sylvia hortensis</a>			r				P	DD	C	C	C
B	A302	<a href="#">Sylvia undata</a>			p				P	DD	C	B	C
B	A265	<a href="#">Troglodytes troglodytes</a>			p				C	DD	C	B	C
B	A287	<a href="#">Turdus viscivorus</a>			p				P	DD	C	C	C
B	A232	<a href="#">Upupa epops</a>			r				P	DD	C	C	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 categories (Cat.):** 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); VP = 'Very poor' (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 categories" has to be filled in)

### 3.3 Other important species of flora and fauna (optional)

Species			Population in the site					Motivation						
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories			
					Min	Max			C	R	V	P	IV	V
B	A086	<a href="#">Accipiter nisus</a>						P					X	X
B	A218	<a href="#">Athene noctua</a>						P					X	X
M	2644	<a href="#">Capreolus capreolus</a>						P						X
B	A366	<a href="#">Carduelis cannabina</a>						P					X	X
B	A364	<a href="#">Carduelis carduelis</a>						P					X	X
B	A335	<a href="#">Certhia brachydactyla</a>						P					X	X
B	A363	<a href="#">Chloris chloris</a>						P					X	X
B	A350	<a href="#">Corvus corax</a>						P					X	X
B	A237	<a href="#">Dendrocopos major</a>						P					X	X
B	A383	<a href="#">Emberiza calandra</a>						P					X	X
P		<a href="#">Erodium rupestre</a>			5	5	grids1x1				X	X		
B	A244	<a href="#">Galerida cristata</a>						P					X	X
F	5283	<a href="#">Luciobarbus graellsii</a>						P		X		X	X	
B	A281	<a href="#">Monticola solitarius</a>						P					X	X
B	A261	<a href="#">Motacilla cinerea</a>						P					X	X
B	A328	<a href="#">Parus ater</a>						P					X	X
B	A329	<a href="#">Parus caeruleus</a>						P					X	X
B	A327	<a href="#">Parus cristatus</a>						P					X	X
B	A330	<a href="#">Parus major</a>						P					X	X
B	A357	<a href="#">Petronia petronia</a>						P					X	X
B	A235	<a href="#">Picus viridis</a>						P					X	X
B	A250	<a href="#">Ptyonoprogne rupestris</a>						P					X	X
B	A276	<a href="#">Saxicola torquatus</a>						P					X	X
B	A361	<a href="#">Serinus serinus</a>						P					X	X

B	A332	<a href="#">Sitta europaea</a>						P					X	X
B	A219	<a href="#">Strix aluco</a>						P					X	X
M	5861	<a href="#">Sus scrofa</a>						P						X
B	A305	<a href="#">Sylvia melanocephala</a>						P					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](#))
- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

## 4. SITE DESCRIPTION

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### 4.1 General site character

Habitat class	% Cover
N16	5.0
N17	12.0
N15	2.0
N18	5.0
N12	3.0
N23	2.0
N08	35.0
N19	32.0
N09	3.0
N21	1.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

Alineación montañosa en disposición W-E que actúa como corredor natural entre el Valle del Isábena, el cual queda limitado por el sur por esta sierra y el valle del río Cajigar, afluente del Noguera Ribagorzana por la derecha. La Sierra asciende en altitud de W a E pasando de los 600m hasta los 1141m de punta Calvera y 1117m. de La Mellera. Constituye el límite sur de las Sierras del flysch eógeno de la Depresión Media Pirenaica y da paso en la vertiente meridional a las formaciones detríticas terciarias del borde de la cuenca del Ebro, con materiales conglomeráticos, areniscas y arcillas. El carácter submediterráneo de las formaciones vegetales y los usos tradicionales del espacio configuran el actual paisaje vegetal, dominado por: bosques de Quercus rotundifolia y eriales de Rosmarinus officinalis, Juniperus oxycedrus y pies aislados de encinas en la vertiente meridional y bosques de Quercus del grupo faginea y pinares de Pinus sylvestris y Pinus nigra en la vertiente septentrional, estos últimos frecuentemente repoblados.

### 4.2 Quality and importance

Destacan las formaciones de quercineas en ambas vertientes, dominando los encinares en la parte meridional y los quejigares en la parte septentrional. La orientación de esta sierra hace que el espacio actúe como un corredor biológico que interconecta diferentes valles y sierras prepirenaicas.

### 4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	J01		o
M	K01.01		i
L	D02.01		o
M	F03.01		b
M	D02.01		i
M	B02.01		i
L	J01		i
L	B		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	B		b
M	B02.01		i

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

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

### 4.4 Ownership (optional)

Type	[%]	
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	10.29
Joint or Co-Ownership	0	
Private	0	
Unknown	0	
sum	10.29	

### 4.5 Documentation

Sainz Ollero et. al (1996). Estrategias para la conservación de la flora amenazada en Aragón. Publicaciones del Consejo de Protección de la Naturaleza de Aragón. Serie Conservación GUTIÉRREZ RÍOS, E. 1944: Procesos de erosión y tipos de suelos del Pirineo Español. Anales del Instituto Español de Edafología, Ecología y Fisiología Vegetal T. III. Instituto Español de Edafología, Ecología y Fisiología Vegetal. Madrid. GARCÍA RUIZ, J.M. (1990): "Geoecología de las áreas de montaña", Geoforma Ediciones. Logroño.

## 5. SITE PROTECTION STATUS (optional)

### 5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
ES00	100.0				

## 6. SITE MANAGEMENT

### 6.1 Body(ies) responsible for the site management:

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Organisation:	Dirección General de Conservación del Medio Natural Departamento de Agricultura, Ganadería y Medio Ambiente Gobierno de Aragón Departamento de
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	Medio Ambiente. Diputación General de Aragón
Address:	Plaza San Pedro Nolasco, 7 50001 ZARAGOZA
Email:	comena@aragon.es

**6.2 Management Plan(s):**

An actual management plan does exist:

<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No, but in preparation
<input type="checkbox"/>	No