



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 ES2410069
SITENAME Sierra de Esdolomada y Morrones de Güel

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code ES2410069	Back to top
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1.3 Site name

Sierra de Esdolomada y Morrones de Güel

1.4 First Compilation date 2000-07	1.5 Update date 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

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

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude
0.469444444

Latitude
42.30861111

2.2 Area [ha]:
5414.011331

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

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3.1 Habitat types present on the site and assessment for them

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
1520			0.01		M	A	C	A	A
4090			257.37		M	C	C	C	C
6410			0.01		M	A	C	A	A
7220			5.0E-4		M	A	C	A	A
8210			1.79		M	A	C	A	A
9240			90.57		M	B	C	B	B
9340			960.51		M	B	C	B	B
9530			106.59		M	C	C	C	C

- **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.	Iso.	Gl
B	A247	Alauda arvensis			p				P	DD	C	C	C	C
B	A255	Anthus campestris			r				P	DD	C	B	C	B
B	A256	Anthus trivialis			r				P	DD	C	C	C	C
B	A228	Apus melba			r				P	DD	C	C	C	C
B	A091	Aquila chrysaetos			p				P	DD	C	B	C	C
B	A087	Buteo buteo			p				P	DD	C	C	C	C
B	A224	Caprimulgus europaeus			r				P	DD	C	B	C	B
B	A080	Circus gallicus			r	1	1	p		P	C	B	C	B
B	A207	Columba oenas			p				P	DD	C	C	C	C
B	A208	Columba palumbus			p				C	DD	C	B	C	C
B	A113	Coturnix coturnix			r				P	DD	C	C	C	C
B	A212	Cuculus canorus			r				C	DD	C	B	C	C
B	A253	Delichon urbica			r				P	DD	C	B	C	C
B	A236	Dryocopus martius			p				P	DD	C	C	C	C
B	A376	Emberiza citrinella			p				P	DD	C	C	C	C
B	A379	Emberiza hortulana			r				P	DD	C	B	C	B
B	A269	Erithacus rubecula			p				C	DD	C	B	C	B
I	1065	Euphryas aurinia			p				P	DD	C	C	C	C
B	A359	Fringilla coelebs			p				C	DD	C	B	C	B
B	A245	Galerida theklae			p				P	DD	D			
B	A076	Gypaetus barbatus			r		1	p	P	G	C	B	C	B
B	A078	Gyps fulvus			c				P	DD	D			
B	A092	Hieraetus pennatus			r				P	DD	C	B	C	C
B	A233	Jynx torquilla			r				P	DD	C	C	C	C
B	A338	Lanius collurio			r				P	DD	C	B	C	B
B	A341	Lanius senator			r				P	DD	C	C	C	C
B	A246	Lullula arborea			p				P	DD	C	B	C	B

B	A271	Luscinia megarhynchos			r				P	DD	C	C	C	C
M	1355	Lutra lutra			p				R	M	D			
B	A230	Merops apiaster			r				P	DD	C	C	C	C
B	A073	Milvus migrans			c				P	DD	D			
B	A074	Milvus milvus			p				P	DD	C	B	C	C
B	A280	Monticola saxatilis			r				P	DD	C	C	C	C
B	A262	Motacilla alba			p				P	DD	C	C	C	C
B	A319	Muscicapa striata			r				P	DD	C	C	C	C
B	A077	Neophron percnopterus			r	2	2	p		M	C	B	C	B
B	A278	Oenanthe hispanica			r				P	DD	C	B	C	C
B	A277	Oenanthe oenanthe			r				P	DD	C	C	C	C
B	A337	Oriolus oriolus			r				P	DD	C	C	C	C
B	A214	Otus scops			r				P	DD	C	C	C	C
F	5292	Parachondrostoma miegii			p				R	P	C	A	A	A
B	A415	Perdix perdix hispaniensis			p				P	DD	C	B	C	B
B	A072	Pernis apivorus			r				P	DD	D			
B	A273	Phoenicurus ochruros			p				C	DD	C	B	C	B
B	A313	Phylloscopus bonelli			r				C	DD	C	B	C	B
B	A315	Phylloscopus collybita			p				C	DD	C	C	C	C
B	A266	Prunella modularis			p				P	DD	C	C	C	C
B	A346	Pyrrhocorax pyrrhocorax			p				P	DD	C	B	C	B
B	A318	Regulus ignicapillus			p				C	DD	C	B	C	B
B	A210	Streptopelia turtur			r				P	DD	C	C	C	C
B	A311	Sylvia atricapilla			p				P	DD	C	C	C	C
B	A310	Sylvia borin			r				P	DD	C	C	C	C
B	A304	Sylvia cantillans			r				P	DD	C	C	C	C
B	A309	Sylvia communis			r				P	DD	C	C	C	C
B	A306	Sylvia hortensis			r				P	DD	C	C	C	C
B	A302	Sylvia undata			p				P	DD	C	B	C	B
B	A265	Troglodytes troglodytes			p				C	DD	C	B	C	B
B	A285	Turdus philomelos			p				P	DD	C	C	C	C
B	A287	Turdus viscivorus			p				P	DD	C	C	C	C
B	A232	Upupa epops			r				P	DD	C	C	C	C

B	A329	caeruleus							P					X	X
B	A327	Parus cristatus							P					X	X
B	A330	Parus major							P					X	X
B	A357	Petronia petronia							P					X	X
B	A235	Picus viridis							P					X	X
B	A250	Ptyonoprogne rupestris							P					X	X
B	A345	Pyrrhocorax graculus							P					X	X
P	1849	Ruscus aculeatus			-1						X				X
F	6262	Salmo trutta trutta							R						X
B	A276	Saxicola torquatus							P					X	X
B	A362	Serinus citrinella							P					X	X
B	A362	Serinus citrinella							P					X	X
B	A361	Serinus serinus							P					X	X
B	A332	Sitta europaea							P					X	X
B	A219	Strix aluco							P					X	X
M	5861	Sus scrofa							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](#))
- **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
N12	2.0
N17	53.0
N15	1.0
N16	4.0
N18	10.0

N19	17.0
N23	2.0
N08	11.0
Total Habitat Cover	100

Other Site Characteristics

Sierra ubicada en el interfluvio Cinca-Isábena, dispuesta en dirección NW-SE, con alturas máximas que oscilan entre los 1.420 de la Sierra de Esdolomada y los 1.401 del Morrón de Güel. Predominan los materiales terciarios conglomeráticos de cemento calcáreo depositados sobre los estratos de arenisca y arcilla alternantes característicos de las sierras del flysch eoceno. En la parte meridional del LIC, coincidiendo con el Barranco del Congustro, las laderas están cimentadas por glaciares de acumulación pleistocenos y oradadas por barrancos de incisión lineal. Las formaciones vegetales predominantes se caracterizan por el dominio de los bosques de *Pinus sylvestris* en las zonas mejor expuestas y formaciones de quercíneas principalmente de *Quercus rotundifolia* en la vertiente meridional de la sierra y *Quercus* del grupo faginea en zonas con mayor humedad. En torno a las zonas más elevadas hay que destacar las formaciones arbustivas adaptadas a las fisuras del roquedo desnudo. Por último, son frecuentes las repoblaciones de *Pinus sylvestris* más o menos integradas en el medio que ocupan frecuentemente antiguas terrazas abancaladas.

4.2 Quality and importance

Sierras destacadas por su altura respecto a las zonas próximas con interesante vegetación rupícola en los roquedos de las zonas más elevadas.

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]
H	A04.03		b
M	F03.01		i
M	J02.05		b
L	D01.02		i
M	B		b
L	D02.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
M	B		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	5.73
Joint or Co-Ownership	0	
Private	0	
Unknown	0	
sum	5.73	

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. (1988): "La evolución de la agricultura de montaña y sus efectos sobre la dinámica del paisaje". Revista de Estudios Agro-Sociales, MAPA, Madrid GARCÍA RUIZ, J.M. (1990): "Geoecología de las áreas de montaña", Geofoma 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 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