



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 ES2420124
SITENAME Muelas y Estrechos del Río Guadalope

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code ES2420124	Back to top
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1.3 Site name

Muelas y Estrechos del Río Guadalope

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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8210		278.03		M	A		C	A	A
9240		545.92		M	B		C	B	B
92A0		257.4165		M	B		C	B	B
9340		1711.23		M	A		C	A	A
9560		502.56		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.
B	A247	Alauda arvensis			p				C	DD	C	B	C
B	A229	Alcedo atthis			p				P	DD	C	B	C
B	A255	Anthus campestris			r				P	DD	C	B	C
B	A257	Anthus pratensis			w				C	DD	C	B	C
P	1614	Apium repens			p	-1				DD	D		
B	A226	Apus apus			r				C	DD	C	C	C
B	A228	Apus melba			r				C	DD	C	B	C
B	A091	Aquila chrysaetos			p	4	5	p		G	C	A	C
I	1092	Austropotamobius pallipes			p	3	3	localities		G	C	C	A
M	1308	Barbastella barbastellus			c	1	1	i	P	DD	C	C	C
B	A215	Bubo bubo			p				P	DD	C	B	C
B	A133	Burhinus oediconemus			r				P	DD	C	B	C
B	A243	Calandrella brachydactyla			r				P	DD	D		
B	A224	Caprimulgus europaeus			r				P	DD	C	B	C
B	A430	Chersophilus duponti		X	p	1	20	p		M	D		
B	A080	Circaetus gallicus			r	2	2	p		P	C	B	C

B	A082	Circus cyaneus			c				P	DD	D		
I	1044	Coenagrion mercuriale			p	-1				DD	D		
B	A207	Columba oenas			p				P	DD	C	C	C
B	A208	Columba palumbus			p				C	DD	C	B	C
B	A212	Cuculus canorus			r				C	DD	C	B	C
B	A253	Delichon urbica			c				C	DD	C	B	C
B	A253	Delichon urbica			r				C	DD	C	B	C
B	A379	Emberiza hortulana			r				P	DD	C	B	C
B	A269	Erithacus rubecula			w				P	DD	C	B	C
B	A269	Erithacus rubecula			p				C	DD	C	B	C
B	A103	Falco peregrinus			p				P	DD	C	B	C
B	A359	Fringilla coelebs			p				C	DD	C	B	C
B	A359	Fringilla coelebs			w				P	DD	C	B	C
B	A245	Galerida theklae			p				P	DD	C	B	C
B	A078	Gyps fulvus			p	528	528	p		G	B	A	C
B	A092	Hieraetus pennatus			p				P	DD	C	C	C
B	A300	Hippolais polyglotta			r				P	DD	C	C	C
B	A251	Hirundo rustica			r				C	DD	C	C	C
B	A251	Hirundo rustica			c				C	DD	C	C	C
B	A233	Jynx torquilla			r				P	DD	C	C	C
B	A341	Lanius senator			r				C	DD	C	B	C
B	A246	Lullula arborea			p				P	DD	C	B	C
B	A271	Luscinia megarhynchos			r				C	DD	C	B	C
M	1355	Lutra lutra			p				P	DD	D		
B	A230	Merops apiaster			r				P	DD	C	C	C
B	A073	Milvus migrans			c				P	DD	C	B	C
B	A074	Milvus milvus			c				P	DD	D		
B	A280	Monticola saxatilis			r				P	DD	C	B	C
B	A262	Motacilla alba			p				P	DD	C	C	C
B	A319	Muscicapa striata			c				P	DD	C	C	C
B	A319	Muscicapa striata			r				P	DD	C	C	C
M	1321	Myotis emarginatus			r	100	100	i	P	M	C	B	C
M	1324	Myotis myotis				-1				DD	D		
B	A077	Neophron percnopterus			r	4	5	p		G	C	B	C
B	A278	Oenanthe hispanica			r				C	DD	C	B	C
B	A279	Oenanthe leucura			p				P	DD	C	B	C

B	A285	Turdus philomelos			c				P	DD	C	C	C
B	A285	Turdus philomelos			w				P	DD	C	C	C
B	A287	Turdus viscivorus			p				C	DD	C	B	C
B	A232	Upupa epops			r				C	DD	C	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 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	A	B	C	D
B	A085	Accipiter gentilis						P					X	X
B	A086	Accipiter nisus						P					X	X
A	1191	Alytes obstetricans						C	X		X		X	X
B	A218	Athene noctua						P					X	X
F	5262	Barbus haasi						C		X		X		
F	5262	Barbus haasi						C		X		X		
A	2361	Bufo bufo						C			X		X	X
B	A087	Buteo buteo						P					X	X
M	5581	Capra pyrenaica hispanica						C						X
M	2644	Capreolus capreolus						P						X
B	A366	Carduelis cannabina						P					X	X
B	A364	Carduelis carduelis						P					X	X
B	A335	Certhia brachydactyla						P					X	X
B	A288	Cettia cetti						P					X	X
R	1272	Chalcides bedriagai						P	X		X	X		
B	A363	Chloris chloris						P					X	X
B	A264	Cinclus cinclus						P					X	X

B	A350	Corvus corax						P					X	X
B	A237	Dendrocopos major						P					X	X
B	A383	Emberiza calandra						P					X	X
B	A378	Emberiza cia						P					X	X
B	A377	Emberiza cirius						P					X	X
A	6284	Epidalea calamita						P	X		X		X	
P		Erinacea anthyllis						P						X
B	A096	Falco tinnunculus						P					X	X
P	1866	Galanthus nivalis			1	1	grids1x1			X				X
B	A244	Galerida cristata						P					X	X
P		Genista pumila						P						X
B	A655	Lanius excubitor meridionalis						P			X		X	X
B	A369	Loxia curvirostra						P					X	X
F	5283	Luciobarbus graellsii						R		X		X	X	
F	5283	Luciobarbus graellsii						R		X		X	X	
B	A281	Monticola solitarius						P					X	X
B	A261	Motacilla cinerea						P					X	X
B	A328	Parus ater						P					X	X
B	A329	Parus caeruleus						P					X	X
B	A327	Parus cristatus						P					X	X
B	A330	Parus major						P					X	X
A	2360	Pelodytes punctatus						P					X	
B	A357	Petronia petronia						P					X	X
B	A235	Picus viridis						P					X	X
B	A250	Ptyonoprogne rupestris						P					X	X
P		Quercus faginea						P						X
P		Quercus ilex ballota						P						X
P	1849	Ruscus aculeatus			3	3	grids1x1	P		X				X
F	6262	Salmo trutta trutta						C						X
F	6262	Salmo trutta trutta						C						X
B	A276	Saxicola torquatus						P					X	X

B	A361	Serinus serinus						P					X	X
P		Sideritis fernandez-casasii		2	2	grids1x1						X		
B	A332	Sitta europaea						P					X	X
B	A219	Strix aluco						P					X	X
M	5861	Sus scrofa						C						X
B	A305	Sylvia melanocephala						P					X	X
B	A213	Tyto alba						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
N18	3.0
N17	45.0
N23	2.0
N15	1.0
N08	23.0
N16	4.0
N09	4.0
N19	10.0
N22	8.0
Total Habitat Cover	100

Other Site Characteristics

Integra las gargantas y muelas calizas de un sector de la cuenca alta del río Guadalupe y tributarios, como el Pitarque o Palomitas. El espacio queda integrado en parte más septentrional de la Sierra del Maestrazgo con alineaciones montañosas por encima de 1000 m. A pesar de que la evolución del relieve se ha producido a partir de una superficie de erosión, con un descenso topográfico hacia el norte, el paisaje no es de dominio de las planicies, pues la red fluvial ha originado una fuerte disección en este sector. La edad de las formaciones dominantes es Cretácica, ofreciendo facies marinas de considerable potencia y abundancia de fósiles. La litología dominante es de calizas, margas y arcillas del Cretácico superior en la zona sur del área, mientras más al norte predominan areniscas y conglomerados. Con relación a los tramos fluviales presentan un régimen hidrológico pluvial, con ciertas aportaciones niveles puntuales provenientes de las zonas más altas de Gúdar. El paisaje vegetal está dominado por formaciones de Pino laricio y Pino silvestre por toda el área con masas, la mayoría repobladas, de calidad apreciable. En otros sectores encontramos bosques mixtos bien conservados de Quercus rotundifolia y Sabinas y con Quercus faginea en las umbrías y zonas

más húmedas. Algunos de estos enclaves presentan especial interés, por la presencia de Arces, Tejos, Acebos, Boj y Avellano. Las zonas más degradadas presentan un mosaico de matorral subesclerófilo con Coscoja y *Juniperus phoenicea*. Las especies fisurícolas y rupícolas son particularmente interesantes desde el punto de vista bioecológico por albergar elementos endémicos de gran valor. En los cortados calcáreos y zonas escarpadas anidan numerosas especies de aves destacando la presencia de Águila real, Águila perdicera, Alimoche o Halcón común entre otras muchas. Los principales usos del espacio están vinculados al aprovechamiento agropecuario tradicional principalmente a la ganadería ovina extensiva y en menor medida la explotación forestal de los pinares.

4.2 Quality and importance

Zona de gran interés para la fauna y flora debido principalmente a la presencia de cañones fluvio-kársticos y valles estrechos labrados por la red fluvial dominante. En los paredones calcáreos encontramos formaciones rupícolas de gran relevancia y un buen número de aves que utilizan los paredones calcáreos para anidar

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]
L	H01.08		b
L	E01.03		b
M	K03.01		b
M	F03.02.03		b
L	E01.02		b
L	C01.04		i
M	G01.03		b
M	J02.05.02		b
M	K01.01		b
L	D01.01		b
L	E06		b
L	A03		b
L	A04.03		b
L	G01.04		b
L	J03.02.01		b
L	D05		b
M	F03.01		b
L	A02		b
M	B02.02		b
M	B02.04		b
M	D02.01		b
L	G01.02		b
M	F02.03		b
M	F01		b
L	J03		b
M	F03.02.02		b
H	J01		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	B02.01		b
L	E01.03		b

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	31.84
Joint or Co-Ownership		0
Private		0
Unknown		0
sum		31.84

4.5 Documentation

PEÑA, J.L., GUTIERREZ, M., IBAÑEZ, M.J., LOZANO, M.V., RODRIGUEZ, J., SANCHEZ, M., SIMON, J.L., SORIANO, M.A. y YETANO, M., (1984): "Geomorfología de la provincia de Teruel. Instituto de Estudios Turolenses. GUTIERREZ ELORZA, M., PEÑA MONNÉ, J.L. (1990): "Las formas de relieve de la provincia de Teruel". Cartillas turolenses nº7. QUEROL MONTERDE, J.V. (1995): "Ecogeografía y explotación forestal en las serranías de Albarracón y Gúdar-Maestrazgo". Publicaciones del Consejo de Protección de la Naturaleza de Aragón. Serie Investigación nº2.o del clima favorecen el riesgo de incendios forestales en este sector.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

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

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

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