



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 ES2410057
SITENAME Sierras de Los Valles, Aísa y Borau

TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS AND RELATION WITH CORINE BIOTOPES](#)
- [6. IMPACTS AND ACTIVITIES IN AND AROUND THE SITE](#)

1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code ES2410057	Back to top
----------------------	-----------------------------------	-----------------------------

1.3 Site name

Sierras de Los Valles, Aísa y Borau

1.4 First Compilation date 2000-07	1.5 Update date 2012-06
--	-----------------------------------

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]:

[Back to top](#)

Longitude

-0.826388889

Latitude

42.72027778

2.2 Area [ha]:

10769.316647

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

2.6 Biogeographical Region(s)Mediterranean (100.0
%)**3. ECOLOGICAL INFORMATION**[Back to top](#)**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
3240			25.72		M	B	C	B	B
4090			412.52		M	B	C	B	B
6210			2.89		M	B	C	B	B
8210			0.26		M	A	C	A	A
9150			38.12		M	B	C	B	B
9180			1.57		M	B	C	B	B
9240			3631.83		M	B	C	B	B
9340			633.8		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.	Iso.
I	6170	Actias isabellae			p				P	DD	C	C	C
B	A247	Alauda arvensis			p				P	DD	C	C	C
B	A247	Alauda arvensis			c				C	DD	C	B	C
B	A255	Anthus campestris			r				P	DD	C	B	C
B	A256	Anthus trivialis			r				C	DD	C	B	C
B	A226	Apus apus			r				P	DD	C	C	C
B	A228	Apus melba			r				P	DD	C	C	C
B	A091	Aquila chrysaetos			p	2	4	p		M	C	B	C
I	1092	Austropotamobius pallipes			p	1	1	localities		G	C	C	A
B	A224	Caprimulgus europaeus			r				P	DD	C	B	C
I	1088	Cerambyx cerdo			p	-1				DD	D		
B	A080	Circaetus gallicus			r	1	1	p		P	C	B	C
F	5303	Cobitis calderoni			p	-1				DD	D		
B	A208	Columba palumbus			p				C	DD	C	A	C
B	A208	Columba palumbus			c				C	DD	C	A	C
B	A212	Cuculus canorus			r				C	DD	C	A	C
B	A253	Delichon urbica			r				P	DD	C	C	C
B	A376	Emberiza citrinella			p				C	DD	C	A	C
B	A379	Emberiza hortulana			r				P	DD	C	B	C
I	1074	Eriogaster catax			p				P	DD	B	C	B
B	A269	Erithacus rubecula			p				C	DD	C	A	C
B	A269	Erithacus rubecula			w				C	DD	C	A	C
B	A103	Falco peregrinus			p				P	DD	D		
B	A359	Fringilla coelebs			c				C	DD	C	A	C
B	A359	Fringilla coelebs			p				C	DD	C	A	C
B	A076	Gypaetus barbatus			r	2	2	p	P	G	C	B	C
B	A078	Gyps fulvus			p	50	71	p		M	C	A	C

B	A092	Hieraetus pennatus			r				P	DD	D		
B	A252	Hirundo daurica		X	c				V	DD	D		
B	A251	Hirundo rustica			r				P	DD	C	C	C
B	A233	Jynx torquilla			r				P	DD	C	C	C
B	A338	Lanius collurio			r				P	DD	C	B	C
I	1083	Lucanus cervus			p				P	DD	C	C	C
B	A246	Lullula arborea			p				P	DD	C	B	C
B	A271	Luscinia megarhynchos			r				C	DD	C	B	C
M	1356	Lutra lutra			p				C	G	C	A	C
B	A230	Merops apiaster			r				P	DD	C	C	C
B	A073	Milvus migrans			p				P	DD	C	C	C
B	A074	Milvus milvus			p	1	1	p		P	C	B	C
B	A280	Monticola saxatilis			r				P	DD	C	C	C
B	A262	Motacilla alba			p				P	DD	C	C	C
P	1865	Narcissus asturiensis			p	2	2	grids1x1		P	C	A	C
B	A077	Neophron percnopterus			r	2	4	p		M	C	B	C
B	A277	Oenanthe oenanthe			r				P	DD	C	B	C
F	5292	Parachondrostoma miegii			p				C	M	C	B	A
B	A273	Phoenicurus ochruros			p				C	DD	C	A	C
B	A313	Phylloscopus bonelli			r				C	DD	C	A	C
B	A315	Phylloscopus collybita			p				C	DD	C	A	C
B	A315	Phylloscopus collybita			w				P	DD	C	B	C
B	A267	Prunella collaris			w				P	DD	C	B	C
B	A266	Prunella modularis			p				C	DD	C	A	C
B	A346	Pyrrhonorax pyrrhonorax			p				P	DD	C	B	C
B	A318	Regulus ignicapillus			p				C	DD	C	A	C
B	A318	Regulus ignicapillus			w				C	DD	C	A	C
I	1087	Rosalia alpina			p				P	DD	C	C	C
B	A311	Sylvia atricapilla			r				P	DD	C	B	C
B	A310	Sylvia borin			r				P	DD	C	C	C
B	A309	Sylvia communis			r				P	DD	C	C	C
B	A306	Sylvia hortensis			r				P	DD	C	C	C
B	A302	Sylvia undata			p				P	DD	C	B	C

B	A333	Tichodroma muraria			w				P	DD	C	A	C
B	A265	Troglodytes troglodytes			w				C	DD	C	A	C
B	A265	Troglodytes troglodytes			p				C	DD	C	A	C
B	A285	Turdus philomelos			w				P	DD	C	C	C
B	A282	Turdus torquatus			c				P	DD	C	B	C
B	A287	Turdus viscivorus			p				C	DD	C	A	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
P		Allium pyrenaicum			11700	11700	area				X	X		
A	1191	Alytes obstetricans						C	X		X		X	X
B	A221	Asio otus						P					X	X
F	5565	Barbatula barbatula						R			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	2644	Capreolus capreolus						C						X
B	A366	Carduelis cannabina						P					X	X
B	A364	Carduelis carduelis						P					X	X
B	A335	Certhia brachydactyla						P					X	X
M	2645	Cervus elaphus						P						X

A	2360	punctatus			-1								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
M	1369	Rupicapra rupicapra pyrenaica						P						X
P	1849	Ruscus aculeatus			1	1	grids1x1	P		X				X
F	6262	Salmo trutta trutta						C						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
P		Taxus baccata						P						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

4.1 General site character

[Back to top](#)

Habitat class	% Cover
N17	22.0
N08	17.0

N16	13.0
N14	1.0
N19	45.0
N23	
N11	2.0
Total Habitat Cover	NaN

Other Site Characteristics

El espacio está caracterizado por una cierta homogeneidad paisajística ya que se localiza en los tramos medios y bajos de los valles de Aísa, Borau, Hecho-Aragüés, Ansó y Fago dentro de la unidad morfoestructural de las sierras del flysch eoceno. El flysch se caracteriza por la presencia de fuertes pendientes en las laderas más o menos regularizadas y afloramientos de estratos alternantes de margas, calizas y areniscas de escaso grosor y muy deformados por la tectónica alpina. Este hecho unido al carácter submediterráneo de este sector y a los usos y apovechamientos agropecuarios tradicionales, explican la importante incidencia de los procesos de pérdida de suelo en las zonas expuestas y sin vegetación. Los diferentes valles están atravesados por los principales cursos fluviales de este sector pirenaico, destacando el Veral, Aragón Subordan, Majones, Estarrún y Lubierre que discurren por el fondo de los valles sobre acumulaciones de terrazas pleistocenas medias y bajas y horadando los fondos holocenos. Son cursos de una gran inestabilidad que aportan gran cantidad de aluviones formando barras de gravas en el cauce del río. Las principales formaciones vegetales están constituidas por bosques de Quercus del grupo faginea en las solanas y fondos de valles y pinares de Pinus sylvestris en las umbrías, adaptándose a la orientación y altura de las sierras. En los cauces de los ríos encontramos un mosaico irregular de saucedas arbustiva mixta con predominio de Salix eleagnos y con barras semicolonizadas por la vegetación. Hay que destacar la considerable superficie de matorral con bojadas y Genista scorpius colonizando en ocasiones antiguos abanalamientos en laderas donde se observan fuertes procesos erosivos.

4.2 Quality and importance

Espacio amplio atravesado por numerosos valles pirenaicos y cursos fluviales de gran importancia para la fauna y flora. Destacan los robledales en las laderas y los extensos bosques de Pinus sylvestris.

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	G01.08		i
L	D01.01		b
H	A05.03		i
M	I01		i
L	C01.01.01		i
H	A04.03		b
H	B		b
M	G01.02		o
M	D02.01		i
L	G01.02		i
H	K01.01		o
L	B02.01		i
L	F02.03		b
L	E03.01		b
M	K01.01		i
M	B02.02		i
L	F03.01		b
L	J01		i

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

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

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	88.74
Joint or Co-Ownership	0	
Private	0	
Unknown	0	
sum	88.74	

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 Riva Fernández, J. (1997): Los montes de la Jacetania. Caracterización física y explotación forestal. Publicaciones del Consejo de Protección de la Naturaleza. Serie Investigación nº10. Zaragoza. 358 pp. 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", Geoforma Ediciones. Logroño.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

[Back to top](#)

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

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

[Back to top](#)

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