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 **ES2410060**

SITENAME **Río Aragón-Canal de Berdún**

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
B	ES2410060

1.3 Site name

Río Aragón-Canal de Berdún

1.4 First Compilation date	1.5 Update date
2000-07	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

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2.1 Site-centre location [decimal degrees]:

Longitude
-0.880277778

Latitude
42.60083333

2.2 Area [ha]:

981.750341

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
ES24	Aragón

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
3230			274.96		M	A	A	A	A
3240			276.67		M	B	B	B	B
9240			4.43		M	B	C	B	B
92A0			85.232		M	B	C	B	B
9340			0.65		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.	Gl
B	A298	Acrocephalus arundinaceus			r				P	DD	C	B	C	B
B	A298	Acrocephalus arundinaceus			c				P	DD	C	A	C	A
B	A297	Acrocephalus scirpaceus			c				P	DD	C	A	C	A
B	A297	Acrocephalus scirpaceus			r				P	DD	C	B	C	B
B	A168	Actitis hypoleucos			c				P	DD	C	B	C	B
B	A168	Actitis hypoleucos			r				P	DD	C	B	C	B
B	A247	Alauda arvensis			p				P	DD	C	B	C	B
B	A247	Alauda arvensis			c				P	DD	C	B	C	B
B	A053	Anas platyrhynchos			p				P	DD	C	B	C	B
B	A053	Anas platyrhynchos			w				P	DD	C	B	C	B
B	A053	Anas platyrhynchos			c				P	DD	C	B	C	B
B	A255	Anthus campestris			r				P	DD	C	B	C	C
B	A257	Anthus pratensis			c				C	DD	C	A	C	A
B	A257	Anthus pratensis			w				C	DD	C	B	C	B
B	A259	Anthus spinoletta			w				P	DD	C	B	C	B
B	A259	Anthus spinoletta			c				P	DD	C	A	C	A
B	A256	Anthus trivialis			c				P	DD	C	B	C	B
B	A226	Apus apus			r				C	DD	C	A	C	A
B	A226	Apus apus			c				C	DD	C	A	C	A
B	A028	Ardea cinerea			c				C	DD	C	A	C	A
B	A028	Ardea cinerea			w				C	DD	C	A	C	A
B	A222	Asio flammeus			c				P	DD	D			
B	A133	Burhinus oedicnemus			r				P	DD	C	C	C	C
B	A224	Caprimulgus europaeus			r				P	DD	C	B	C	B
B	A365	Carduelis spinus			c				P	DD	C	A	C	A
B	A365	Carduelis spinus			w				P	DD	C	B	C	B
B	A136	Charadrius dubius			c				P	DD	C	A	C	A
B	A136	Charadrius dubius			r				P	DD	C	A	C	A
B	A030	Ciconia nigra			c				P	DD	D			

B	A080	Circaetus gallicus			c				P	DD	D			
B	A081	Circus aeruginosus			p				P	DD	C	C	C	C
B	A082	Circus cyaneus			c				P	DD	C	B	C	C
B	A084	Circus pygargus			c				P	DD	C	C	C	C
B	A084	Circus pygargus			p				P	DD	C	C	C	C
F	5303	Cobitis calderoni			p				V	B	C	B	A	B
B	A208	Columba palumbus			p				C	DD	C	A	C	A
B	A208	Columba palumbus			c				C	DD	C	A	C	A
B	A113	Coturnix coturnix			r				C	DD	C	B	C	B
B	A113	Coturnix coturnix			c				C	DD	C	B	C	B
B	A212	Cuculus canorus			r				C	DD	C	A	C	A
B	A253	Delichon urbica			c				C	DD	C	A	C	A
B	A253	Delichon urbica			r				C	DD	C	A	C	A
I	1074	Eriogaster catax			p				P	DD	B	C	C	C
B	A269	Erithacus rubecula			p				C	DD	C	A	C	A
B	A269	Erithacus rubecula			c				C	DD	C	A	C	A
I	1065	Euphydryas aurinia			p				P	DD	C	C	C	C
B	A099	Falco subbuteo			c				P	DD	C	B	C	B
B	A099	Falco subbuteo			r				P	DD	C	B	C	B
B	A322	Ficedula hypoleuca			c				C	DD	C	A	C	A
B	A359	Fringilla coelebs			p				C	DD	C	A	C	A
B	A359	Fringilla coelebs			c				C	DD	C	A	C	A
B	A127	Grus grus			c				P	DD	C	C	C	C
B	A078	Gyps fulvus			c				P	DD	D			
B	A092	Hieraaetus pennatus			r				P	DD	C	B	C	B
B	A300	Hippolais polyglotta			r				P	DD	C	A	C	A
B	A251	Hirundo rustica			r				C	DD	C	A	C	A
B	A251	Hirundo rustica			c				C	DD	C	A	C	A
B	A233	Jynx torquilla			r				P	DD	C	A	C	A
B	A338	Lanius collurio			r				P	DD	C	B	C	C
B	A341	Lanius senator			r				C	DD	C	A	C	A
B	A459	Larus cachinnans			p				C	DD	C	B	C	B
B	A459	Larus cachinnans			w				C	DD	C	B	C	B
B	A179	Larus ridibundus			c				C	DD	C	B	C	B
B	A179	Larus ridibundus			w				C	DD	C	B	C	B
I	1083	Lucanus cervus			p	-1				DD	D			
B	A246	Lullula arborea			p				P	DD	C	B	C	C

B	A271	Luscinia megarhynchos			r				C	DD	C	A	C	A
B	A271	Luscinia megarhynchos			c				C	DD	C	A	C	A
M	1355	Lutra lutra			p				C	G	C	B	C	A
B	A230	Merops apiaster			c				C	DD	C	B	C	B
B	A230	Merops apiaster			r				C	DD	C	B	C	B
B	A074	Milvus milvus			p	12	12	p		M	C	B	C	A
B	A074	Milvus milvus			w				P	DD	C	B	C	B
B	A260	Motacilla flava			r				P	DD	C	B	C	B
B	A260	Motacilla flava			c				P	DD	C	A	C	A
B	A319	Muscicapa striata			c				P	DD	C	A	C	A
B	A319	Muscicapa striata			r				P	DD	C	B	C	B
P	1865	Narcissus asturiensis			p	-1				DD	D			
B	A077	Neophron percnopterus			c				P	DD	D			
B	A278	Oenanthe hispanica			r				P	DD	D			
B	A337	Oriolus oriolus			r				C	DD	C	A	C	A
B	A214	Otus scops			r				P	DD	C	B	C	B
B	A094	Pandion haliaetus			c				P	DD	D			
F	5292	Parachondrostoma miegii			p				C	G	C	B	A	B
B	A017	Phalacrocorax carbo			c				C	DD	C	A	C	A
B	A017	Phalacrocorax carbo			w				C	DD	C	B	C	B
B	A273	Phoenicurus ochruros			c				C	DD	C	A	C	A
B	A273	Phoenicurus ochruros			p				C	DD	C	A	C	A
B	A274	Phoenicurus phoenicurus			c				C	DD	C	A	C	A
B	A313	Phylloscopus bonelli			r				C	DD	C	A	C	A
B	A315	Phylloscopus collybita			c				C	DD	C	A	C	A
B	A315	Phylloscopus collybita			w				C	DD	C	A	C	A
B	A315	Phylloscopus collybita			p				C	DD	C	A	C	A
B	A316	Phylloscopus trochilus			c				C	DD	C	A	C	A
B	A266	Prunella modularis			c				C	DD	C	A	C	A
B	A266	Prunella modularis			w				C	DD	C	B	C	B
		Pyrrhocorax												

B	A346	pyrrhocorax			c				P	DD	D			
B	A118	Rallus aquaticus			p				P	DD	C	B	C	B
B	A336	Remiz pendulinus			p				P	DD	C	B	C	B
B	A249	Riparia riparia			r				P	DD	C	B	C	B
B	A249	Riparia riparia			c				P	DD	C	B	C	B
B	A275	Saxicola rubetra			c				P	DD	C	B	C	B
B	A155	Scolopax rusticola			c				P	DD	C	A	C	A
B	A155	Scolopax rusticola			w				P	DD	C	B	C	B
B	A210	Streptopelia turtur			r				P	DD	C	A	C	A
B	A311	Sylvia atricapilla			p				C	DD	C	A	C	A
B	A311	Sylvia atricapilla			c				C	DD	C	A	C	A
B	A310	Sylvia borin			r				P	DD	C	A	C	A
B	A310	Sylvia borin			c				C	DD	C	A	C	A
B	A304	Sylvia cantillans			r				P	DD	C	B	C	B
B	A309	Sylvia communis			c				C	DD	C	A	C	A
B	A306	Sylvia hortensis			r				P	DD	C	B	C	B
B	A302	Sylvia undata			p				P	DD	C	B	C	C
B	A165	Tringa ochropus			c				P	DD	C	A	C	A
B	A162	Tringa totanus			c				P	DD	C	B	C	B
B	A265	Troglodytes troglodytes			p				C	DD	C	A	C	A
B	A265	Troglodytes troglodytes			c				C	DD	C	A	C	A
B	A285	Turdus philomelos			c				P	DD	C	A	C	A
B	A285	Turdus philomelos			p				P	DD	C	B	C	B
B	A287	Turdus viscivorus			p				C	DD	C	A	C	A
B	A287	Turdus viscivorus			c				C	DD	C	A	C	A
B	A232	Upupa epops			r				P	DD	C	B	C	B
B	A142	Vanellus vanellus			c				P	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 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
A	1191	Alytes obstetricans						C	X		X		X	X
P	1762	Arnica montana			-1					X				X
B	A218	Athene noctua						P					X	X
F	5565	Barbatula barbatula						C			X	X		
F	5262	Barbus haasi						R		X		X		
A	2361	Bufo bufo						C			X		X	X
B	A087	Buteo buteo						P					X	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
M	2645	Cervus elaphus						P						X
B	A288	Cettia cetti						P					X	X
R	2437	Chalcides striatus						P			X		X	X
B	A363	Chloris chloris						P					X	X
B	A289	Cisticola juncidis						P					X	X
R	1283	Coronella austriaca						P	X		X			
B	A350	Corvus corax						P					X	X
P		Crocus nevadensis marcetii						P				X		
B	A237	Dendrocopos major						P					X	X
B	A383	Emberiza calandra						P					X	X
B	A377	Emberiza cirlus						P					X	X
A	6284	Epidalea calamita						P	X		X		X	
A	6284	Epidalea calamita			-1				X		X		X	
B	A244	Galerida cristata						P					X	X
P	1657	Gentiana lutea			-1					X		X		X

A	1203	Hyla arborea			-1				X		X		X	
B	A655	Lanius excubitor meridionalis						P			X		X	X
F	5283	Luciobarbus graellsii						C		X		X	X	
B	A261	Motacilla cinerea						P					X	X
B	A329	Parus caeruleus						P					X	X
B	A330	Parus major						P					X	X
A	2360	Pelodytes punctatus			-1								X	
B	A357	Petronia petronia						P					X	X
B	A235	Picus viridis						P					X	X
B	A250	Ptyonoprogne rupestris						P					X	X
P	1849	Ruscus aculeatus			-1					X				X
F	6262	Salmo trutta trutta						C						X
B	A276	Saxicola torquatus						P					X	X
B	A361	Serinus serinus						P					X	X
B	A332	Sitta europaea						P					X	X
B	A219	Strix aluco						P					X	X
A	1174	Triturus marmoratus			-1				X		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
N12	8.0

N10	1.0
N14	4.0
N20	1.0
N06	3.0
N16	8.0
N15	3.0
N23	1.0
N08	2.0
N19	68.0
N09	1.0
Total Habitat Cover	100

Other Site Characteristics

El tramo medio del Río Aragón, desde la población de Jaca hasta el embalse de Yesa, atraviesa la Canal de Berdún adoptando una fisionomía de canales braided con múltiples ramificaciones y barras de gravas en diferentes fases de colonización vegetal. Es un curso cambiante y muy dinámico sometido a las fluctuaciones del caudal en los periodos equinociales como corresponde a un río de régimen pluvio-nival. Las formaciones de ribera colonizan las márgenes del río conformando bosques galería y sotos mixtos de gran madurez dominados por especies de los géneros Salix, Populus y Aliso. Junto a los espacios más estables, encontramos barras de cantos rodados colonizadas parcialmente por pastizales higrófilos y especies arbustivas del género Salix. En la parte más occidental domina un mosaico irregular de soto mixto arbustivo y pedregales sueltos. La calidad de las aguas favorece la variedad de fauna piscícola y la buena conservación de algunos sotos posibilita la cría de numerosas especies avifaunísitcas. En determinados sectores encontramos cultivos de Populus nigra canadiensis.

4.2 Quality and importance

Tramo fluvial bien conservado con importantes superficies de bosques de ribera maduros. Zona muy próxima al LIC de San Juan de la Peña-Peña Oroel lo que contribuye a crear un amplio corredor biológico que atraviesa la Depresión Media Pirenaica en su parte occidental.

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	D04.02		o
H	K01.02		o
M	A08		i
M	I01		b
H	J02.05		b
M	B		i
M	C01.01		b
M	D02.01		o
L	F02.03		b
M	F03.01		b
L	D02.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i|o|b]
	X		-

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	80.75
Joint or Co-Ownership		0
Private		0
Unknown		0
sum		80.75

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)

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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:

☐	Yes
☒	No, but in preparation
☐	No