



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 ES2430087

SITENAME Maderuela

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 ES2430087	Back to top
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1.3 Site name

Maderuela

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]:

[Back to top](#)

Longitude
-1.71777778

Latitude
41.80277778

2.2 Area [ha]:
690.927761

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

[Back to top](#)

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
92A0 f			0.6973		M	C	C	C	C
9340f			448.8		M	A	C	A	A

- **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.	Glo.
B	A247	Alauda arvensis			p				P	DD	C	C	C
B	A255	Anthus campestris			r				P	DD	C	B	C
B	A256	Anthus trivialis			c				P	DD	C	C	C
M	1308	Barbastella barbastellus				-1				DD	D		
B	A224	Caprimulgus europaeus			r				P	DD	C	B	C
I	1088	Cerambyx cerdo			p				P	DD	D		
B	A080	Circaetus gallicus			r	1	1	p		M	C	B	C
B	A208	Columba palumbus			p				C	DD	C	B	C
B	A208	Columba palumbus			c				P	DD	C	B	C
B	A212	Cuculus canorus			r				P	DD	C	B	C
B	A269	Erithacus rubecula			p				C	DD	C	B	C
I	1065	Euphydryas aurinia			p				P	DD	C	B	A
B	A359	Fringilla coelebs			p				C	DD	C	B	C
B	A245	Galerida theklae			p				P	DD	C	B	C
B	A300	Hippolais polyglotta			r				P	DD	C	B	C
B	A233	Jynx torquilla			r				P	DD	C	B	C
B	A341	Lanius senator			r				C	DD	C	B	C
I	1083	Lucanus cervus			p	-1				DD	D		
B	A246	Lullula arborea			p				P	DD	C	B	C
B	A271	Luscinia megarhynchos			r				C	DD	C	B	C
B	A230	Merops apiaster			r				P	DD	C	C	C
M	1310	Miniopterus schreibersii				-1				DD	D		
B	A262	Motacilla alba			p				P	DD	C	C	C
M	1324	Myotis myotis				-1				DD	D		
B	A337	Oriolus oriolus			r				P	DD	C	B	C
B	A214	Otus scops			r				P	DD	C	C	C
B	A273	Phoenicurus ochruros			w				P	DD	C	C	C
B	A313	Phylloscopus bonelli			r				C	DD	C	B	C

B	A357	petronia						P					X	X
I	6265	Phengaris arion			-1				X				X	X
B	A235	Picus viridis						P					X	X
P		Quercus faginea						P						X
P		Quercus ilex ballota						P						X
P	1849	Ruscus aculeatus			2	2	grids1x1	P		X				X
B	A276	Saxicola torquatus						P					X	X
B	A361	Serinus serinus						P					X	X
M	5861	Sus scrofa						C						X
B	A305	Sylvia melanocephala						P					X	X
A	1174	Triturus marmoratus						P	X		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

[Back to top](#)

4.1 General site character

Habitat class	% Cover
N19	6.0
N22	
N16	
N08	81.0
N18	13.0
Total Habitat Cover	NaN

Other Site Characteristics

Pequeño espacio situado en el piedemonte del Moncayo. Los depósitos terciarios de ladera que conforman el sustrato predominante son cantos angulosos de naturaleza predominantemente silíceas provenientes del núcleo paleozoico del Moncayo que se entremezclan en sectores más bajos con depósitos de ladera de naturaleza carbonatada provenientes de retazos de Cuestas calcáreas. Dentro del piso mesomediterráneo, destaca la presencia de un interesante encinar de Quercus rotundifolia con un rico sotobosque. En las zonas más húmedas de las laderas aparecen algunos quejigos. Junto a la superficie de bosque encontramos

manchas de cervo-timo-aliagar con evidencias de pastoreo y en los sectores más bajos, próximos a los núcleos de población el encinar es sustituido por un coscojar denso con pies aislados de Quercus rotundifolia.

4.2 Quality and importance

Importante encinar silicícola que está situado muy próximo al LIC del Parque Natural del Moncayo. La elevada naturalidad del bosque y la utilización de este por numerosas aves rapaces hacen de este enclave una zona forestal singular de gran diversidad y riqueza.

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	D01.02		b
L	J01		b
M	F03.01		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
M	G03		o

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	8.4
Joint or Co-Ownership	0	
Private	0	
Unknown	0	
sum	8.4	

4.5 Documentation

PELLICER, F; ECHEVERRÍA, M. (1989): "Formas de relieve del Centro de la Depresión del Ebro". Institución Fernando el Católico. RIVAS GODAY, S. ; MADUEÑO, M. (1946): "Consideraciones acerca de los grados de vegetación en el Moncayo. Ann. Inst. Farmaco. 5 (9), Madrid. YETANO, L.M. (1980): "El Sistema Ibérico Zaragoza: Los macizos paleozoicos y sus entorno. Estudio geomorfológico". Tesis doctoral SORIANO, M.A., (1987): "Geomorfología del piedemonte ibérico en el sector central de la Depresión del Ebro". Tesis doctoral IBAÑEZ, M.J. (1975): "El piedemonte ibérico bajoaragonés". Estudio geomorfológico. C.S.I.C. PELLICER, F. (1984): "Geomorfología de las Cadenas Ibéricas entre el Jalón y el Moncayo". Cuadernos de Estudios Borjanos.

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

[Back to top](#)

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