



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 ES2430028

SITENAME Moncayo

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1. SITE IDENTIFICATION

| | | |
|----------------------|-----------------------------------|-----------------------------|
| 1.1 Type B | 1.2 Site code ES2430028 | Back to top |
|----------------------|-----------------------------------|-----------------------------|

1.3 Site name

| |
|---------|
| Moncayo |
|---------|

| | |
|--|-----------------------------------|
| 1.4 First Compilation date 1998-12 | 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: | 1999-04 |
| 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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| | | | | | | | | | |
|------|--|---------|--|---|---|--|---|---|---|
| 6420 | | 4.69 | | M | B | | C | B | B |
| 7220 | | 0.0040 | | M | A | | C | A | A |
| 8130 | | 81.93 | | M | B | | C | B | B |
| 8210 | | 109.31 | | M | B | | C | B | B |
| 8220 | | 59.428 | | M | B | | C | B | B |
| 9120 | | 623.88 | | M | A | | C | A | A |
| 9230 | | 428.73 | | M | A | | C | A | A |
| 92A0 | | 10.2323 | | M | B | | C | B | B |
| 9340 | | 417.64 | | M | A | | C | A | A |
| 9560 | | 5.0E-4 | | 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. | G |
| B | A079 | Aegypius monachus | | | c | | | | V | DD | D | | | |
| B | A247 | Alauda arvensis | | | p | | | | C | DD | C | B | C | C |
| B | A229 | Alcedo atthis | | | p | | | | P | DD | C | C | C | C |
| B | A043 | Anser anser | | | c | | | | P | DD | D | | | |
| B | A255 | Anthus campestris | | | r | | | | P | DD | C | B | C | B |
| B | A259 | Anthus spinoletta | | | r | | | | P | DD | C | B | B | C |
| B | A256 | Anthus trivialis | | | r | | | | P | DD | C | B | B | C |
| B | A226 | Apus apus | | | c | | | | C | DD | C | C | C | C |
| B | A228 | Apus melba | | | r | | | | C | DD | C | A | C | A |

| | | | | | | | | | | | | | | |
|---|------|---|--|--|---|----|---|----------|---|----|---|---|---|---|
| B | A091 | Aquila chrysaetos | | | p | 4 | 5 | p | | G | C | A | C | A |
| M | 1308 | Barbastella barbastellus | | | r | 2 | 2 | colonies | P | DD | C | B | C | B |
| B | A215 | Bubo bubo | | | p | 3 | 3 | p | | M | C | B | C | B |
| B | A243 | Calandrella brachydactyla | | | r | | | | P | DD | C | B | C | C |
| B | A224 | Caprimulgus europaeus | | | r | | | | P | DD | C | B | C | B |
| B | A365 | Carduelis spinus | | | c | | | | P | DD | C | B | C | C |
| B | A365 | Carduelis spinus | | | w | | | | P | DD | C | C | C | C |
| I | 1088 | Cerambyx cerdo | | | p | | | | P | DD | D | | | |
| B | A139 | Charadrius morinellus | | | c | | | | P | DD | D | | | |
| B | A264 | Cinclus cinclus | | | p | | | | P | DD | C | B | C | B |
| B | A080 | Circetus gallicus | | | r | 4 | 4 | p | | P | C | B | C | B |
| B | A082 | Circus cyaneus | | | c | | | | P | DD | C | B | C | C |
| B | A373 | Coccothraustes coccothraustes | | | p | | | | P | DD | C | B | C | C |
| 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 | B | C | C |
| B | A212 | Cuculus canorus | | | r | | | | C | DD | C | A | C | A |
| B | A253 | Delichon urbica | | | r | | | | C | DD | C | B | C | B |
| B | A253 | Delichon urbica | | | c | | | | P | DD | C | B | C | B |
| A | 1195 | Discoglossus jeanneae | | | p | -1 | | | | DD | D | | | |
| B | A379 | Emberiza hortulana | | | r | | | | P | DD | C | B | C | B |
| B | A269 | Erithacus rubecula | | | p | | | | C | DD | C | A | C | A |
| B | A269 | Erithacus rubecula | | | w | | | | P | DD | C | B | C | C |
| P | 1569 | Erodium paularense | | | p | -1 | | | | DD | D | | | |
| I | 1065 | Euphydryas aurinia | | | p | | | | P | DD | C | B | A | B |
| I | 6199 | Euplagia quadripunctaria | | | p | | | | P | DD | C | B | A | B |
| B | A103 | Falco peregrinus | | | p | | | | P | DD | C | B | C | B |
| B | A322 | Ficedula hypoleuca | | | c | | | | C | DD | C | B | C | B |

| | | | | | | | | | | | | | | |
|---|------|--|--|--|---|-----|-----|---|---|----|---|---|---|---|
| B | A359 | Fringilla coelebs | | | w | | | | P | DD | C | B | C | B |
| B | A359 | Fringilla coelebs | | | p | | | | C | DD | C | A | C | A |
| B | A360 | Fringilla montifringilla | | | w | | | | P | DD | C | B | C | B |
| B | A245 | Galerida theklae | | | p | | | | P | DD | C | B | C | B |
| B | A127 | Grus grus | | | c | | | | P | DD | D | | | |
| B | A076 | Gypaetus barbatus | | | c | | | | V | DD | C | B | A | C |
| B | A078 | Gyps fulvus | | | p | 298 | 298 | p | | G | C | A | C | A |
| B | A092 | Hieraetus pennatus | | | r | | | | P | DD | C | B | C | B |
| B | A300 | Hippolais polyglotta | | | r | | | | P | DD | C | C | C | C |
| B | A252 | Hirundo daurica | | | r | | | | R | DD | C | B | B | C |
| B | A251 | Hirundo rustica | | | c | | | | C | DD | C | B | C | B |
| B | A251 | Hirundo rustica | | | r | | | | P | DD | C | C | C | C |
| B | A233 | Jynx torquilla | | | r | | | | C | DD | C | B | C | B |
| B | A338 | Lanius collurio | | | r | | | | P | DD | C | B | C | B |
| B | A341 | Lanius senator | | | r | | | | C | DD | C | B | C | B |
| I | 1083 | Lucanus cervus | | | p | | | | P | DD | C | C | C | C |
| B | A246 | Lullula arborea | | | p | | | | P | DD | C | B | C | B |
| B | A271 | Luscinia megarhynchos | | | r | | | | C | DD | C | A | C | A |
| B | A230 | Merops apiaster | | | r | | | | P | DD | C | C | C | C |
| B | A073 | Milvus migrans | | | c | | | | P | DD | C | B | C | C |
| B | A074 | Milvus milvus | | | c | | | | P | DD | C | B | C | C |
| M | 1310 | Miniopterus schreibersii | | | w | 7 | 222 | i | C | G | C | B | C | C |
| B | A280 | Monticola saxatilis | | | r | | | | C | DD | C | A | C | A |
| B | A262 | Motacilla alba | | | p | | | | P | DD | C | C | C | C |
| B | A319 | Muscicapa striata | | | c | | | | P | DD | C | B | C | B |
| M | 1307 | Myotis blythii | | | c | | | | P | DD | D | | | |
| M | 1321 | Myotis emarginatus | | | w | 1 | 1 | i | P | G | C | C | C | C |
| M | 1324 | Myotis myotis | | | | -1 | | | | DD | D | | | |
| B | A077 | Neophron percnopterus | | | r | 3 | 4 | p | | G | C | A | C | A |
| B | A278 | Oenanthe hispanica | | | r | | | | C | DD | C | B | C | B |

| | | | | | | | | | | | | | | | |
|---|------|--|--|--|----|----|----------|--|---|---|--|---|---|---|---|
| B | A096 | tinnunculus | | | | | | | P | | | | | X | X |
| P | | Festuca aragonensis | | | | | | | P | | | | X | | |
| P | | Festuca aragonensis | | | | | | | P | | | | X | | |
| P | | Festuca iberica | | | | | | | P | | | | X | | |
| P | | Fraxinus excelsior | | | | | | | P | | | | | | X |
| P | | Genista hispanica occidentalis | | | | | | | P | | | | | | X |
| P | | Hieracium vahlii | | | | | | | P | | | | X | | |
| A | 1203 | Hyla arborea | | | | | | | P | X | | X | | X | |
| P | | Ilex aquifolium | | | | | | | P | | | | | | X |
| P | | Jasione crispa centralis | | | | | | | P | | | | X | | |
| P | | Juniperus communis alpina | | | | | | | P | | | | | | X |
| P | | Juniperus phoenicea | | | | | | | P | | | | | | X |
| P | | Juniperus sabina | | | | | | | P | | | | | | X |
| P | | Koeleria crassipes | | | | | | | P | | | | X | | |
| B | A655 | Lanius excubitor meridionalis | | | | | | | P | | | X | | X | X |
| P | | Linaria alpina | | | | | | | P | | | | | | X |
| A | 5916 | Lissotriton helveticus | | | | | | | P | | | X | | X | X |
| B | A369 | Loxia curvirostra | | | | | | | P | | | | | X | X |
| B | A281 | Monticola solitarius | | | | | | | P | | | | | X | X |
| B | A358 | Montifringilla nivalis | | | | | | | P | | | | | X | X |
| B | A261 | Motacilla cinerea | | | | | | | P | | | | | X | X |
| M | 1330 | Myotis mystacinus | | | | | | | V | | | X | | X | |
| P | | Narcissus eugeniae | | | | | | | P | | | X | X | | |
| P | | Narcissus eugeniae | | | | | | | P | | | X | X | | |
| P | 1996 | Narcissus triandrus pallidulus | | | 25 | 25 | grids1x1 | | P | X | | | X | | |
| M | 1328 | Nyctalus lasiopterus | | | | | | | V | | | X | | X | |
| M | 1331 | Nyctalus leisleri | | | | | | | V | | | | | X | |
| I | 1057 | Parnassius apollo | | | | | | | P | X | | | | X | |
| B | A328 | Parus ater | | | | | | | P | | | | | X | X |

| | | | | | | | | | | | | | | | |
|---|------|---|--|--|----|----|----------|--|---|---|---|---|---|---|---|
| B | A328 | Parus ater | | | | | | | P | | | | | X | X |
| B | A329 | Parus caeruleus | | | | | | | P | | | | | X | X |
| B | A330 | Parus major | | | | | | | P | | | | | X | X |
| A | 1198 | Pelobates cultripes | | | | | | | P | X | | X | | X | |
| A | 2360 | Pelodytes punctatus | | | -1 | | | | | | | | | X | |
| B | A357 | Petronia petronia | | | | | | | P | | | | | X | X |
| I | 6265 | Phengaris arion | | | -1 | | | | | X | | | | X | X |
| B | A235 | Picus viridis | | | | | | | P | | | | | X | X |
| B | A250 | Ptyonoprogne rupestris | | | | | | | P | | | | | X | X |
| I | | Pyrenaea navasi | | | | | | | P | | | X | X | | X |
| P | | Quercus coccifera | | | | | | | P | | | | | | X |
| P | | Quercus ilex ballota | | | | | | | P | | | | | | X |
| P | | Quercus petraea petraea | | | | | | | P | | | | | | X |
| P | | Quercus pyrenaica | | | | | | | P | | | | | | X |
| P | 1849 | Ruscus aculeatus | | | 8 | 8 | grids1x1 | | P | | X | | | | X |
| A | 2351 | Salamandra salamadra | | | -1 | | | | | | | X | | X | |
| F | 6262 | Salmo trutta trutta | | | | | | | C | | | | | | X |
| B | A276 | Saxicola torquatus | | | | | | | P | | | | | X | X |
| P | | Saxifraga moncayensis | | | 36 | 36 | grids1x1 | | | | | | X | | |
| P | | Senecio pyrenaicus | | | | | | | P | | | | | | 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 |
| P | | Sorbus aucuparia | | | | | | | P | | | | | | X |
| P | | Sphagnum auriculatum | | | | | | | P | | | | | | X |
| P | | Sphagnum palustre | | | | | | | P | | | | | | X |
| P | | Sphagnum subnitens | | | | | | | P | | | | | | X |
| B | A219 | Strix aluco | | | | | | | P | | | | | X | X |
| M | 5861 | Sus scrofa | | | | | | | C | | | | | | X |
| B | A305 | Sylvia melanocephala | | | | | | | P | | | | | X | X |

| | | | | | | | | | | | | | | | | |
|---|------|-------------------------------------|--|--|--|--|--|---|---|--|---|---|---|---|---|---|
| P | | Taxus baccata | | | | | | P | | | | | | | X | |
| P | | Tilia platyphyllos | | | | | | P | | | | | | | | X |
| A | 1174 | Triturus marmoratus | | | | | | P | X | | X | | X | | | |
| B | A213 | Tyto alba | | | | | | P | | | | | X | X | | |
| P | | Vaccinium myrtillus | | | | | | P | | | | | | | X | |
| P | | Veronica fruticans | | | | | | R | | | | | | | X | |
| P | | Viola montcaunica | | | | | | P | | | | 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 |
|----------------------------|------------|
| N17 | 21.0 |
| N18 | 23.0 |
| N22 | 1.0 |
| N08 | 46.0 |
| N16 | 9.0 |
| Total Habitat Cover | 100 |

Other Site Characteristics

Macizo estructural ibérico fuertemente fracturado con materiales paleozoicos y mesozoicos. Presenta modelado glaciar con restos de circos y morrenas y periglacial, canchales, kársticos y fluviales. En el LIC se encuentra la máxima altura del Sistema Ibérico (2315 m) y es una divisoria hidrológica de primer orden.

4.2 Quality and importance

El Macizo del Moncayo es una "isla atlántica" en un contexto puramente mediterráneo. La compleja combinación de los factores ambientales e históricos dotan a este espacio de una extraordinaria diversidad vegetal que alberga una rica y variada fauna.

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 | | | |
|------------------|---------|--|--|
| | Threats | | |

| Positive Impacts | | |
|------------------|-------------|-----------|
| | Activities, | Pollution |

| Rank | and pressures [code] | Pollution (optional) [code] | inside/outside [i o b] |
|------|-------------------------|-----------------------------------|---------------------------|
| M | J02.06.06 | | i |
| M | F02.03 | | o |
| H | J02.06.06 | | i |
| L | A04 | | i |
| M | B | | o |
| L | E01 | | o |
| L | B | | i |
| M | J02.12.02 | | i |
| H | J02.05.04 | | i |
| M | G01.02 | | i |
| M | J02.05 | | i |
| M | J02.02.01 | | i |
| M | A04 | | o |

| Rank | management [code] | (optional) [code] | inside/outside [i o b] |
|------|----------------------|----------------------|---------------------------|
| L | B | | i |
| M | F02.03 | | o |
| M | A04 | | o |
| M | B | | o |
| M | G03 | | i |
| L | A04 | | 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 | 87.7 |
| Joint or Co-Ownership | 0 | |
| Private | 0 | |
| Unknown | 0 | |
| sum | 87.7 | |

4.5 Documentation

Plan de Ordenación de los Recursos Naturales de la Comarca del Moncayo. A. Romo (1989). "Taxones críticos de la Flora Vasculat del Moncayo". Turiaso IX: 395-402. O. Bolós (1989). Turiaso IX.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

| Code | Cover [%] | Code | Cover [%] | Code | Cover [%] |
|------|-----------|------|-----------|------|-----------|
| ES10 | 100.0 | | | | |

5.2 Relation of the described site with other sites:

designated at national or regional level:

| Type code | Site name | Type | Cover [%] |
|-----------|----------------------------|------|-----------|
| ES10 | Parque Natural del Moncayo | = | 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 |