

A Post-cranial Osteometrical Database for the Spanish ibex (*Capra pyrenaica* Schinz, 1838)

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ABSTRACT: Body size analyses in zooarchaeology require reliable osteometrical databases in order to evaluate phenomena such as the existence of diachronic and geographic changes and the estimation of the sex ratio. Despite it being a major hunting item in the Iberian Peninsula since Upper Palaeolithic times, the Spanish ibex presently lacks such a reference database. This paper intends to address such absence by offering a comprehensive overview of selected postcranial measurements of the Spanish ibex that includes data from the two extant sub-species, plus a compilation of measurements from Upper Pleistocene Basque Country sites and those retrieved at Sector C of the NE Iberian site of Cova Fosca.

KEYWORDS: OSTEOMETRY, SPANISH IBEX, INTRA-SPECIFIC VARIABILITY, DATABASE

RESUMEN: En Zooarqueología la evaluación del tamaño corporal, tanto para inferir cambios de talla espacio-temporales como para estimar la proporción de sexos, requiere de bases de datos que abarquen la variabilidad documentada para dicha especie. Siendo la cabra montés un recurso clave en la Península Ibérica desde el Paleolítico Superior, sorprende la falta de bases de datos osteométricos. Este trabajo pretende neutralizar tal ausencia para el caso del esqueleto postcranial incorporando medidas de las dos subespecies existentes, así como una recopilación de medidas de yacimientos vascos del Pleistoceno Superior y las de la colección recuperada en el Sector C del abrigo levantino de Cova Fosca.

PALABRAS CLAVE: OSTEOMETRÍA, CABRA MONTÉS, VARIABILIDAD INTRAESPECÍFICA, BASE DE DATOS

INTRODUCTION

The Spanish ibex (*Capra pyrenaica* Schinz, 1838) is one of the most frequently hunted items in Iberian archaeological sites since the Upper Palaeolithic (Mariezkurrena, 1983; Straus, 1987; Aura Tortosa & Pérez Ripoll, 1992, 1995; Martínez-Valle, 1996). Despite its acknowledged importance in the assessment of the adaptive strategies of hunter-gatherers and agro-pastoralists, the Spanish ibex presently lacks a well-defined database that would allow zooarchaeologists to monitor, among others, sex ratios and body size changes through space and time. Without that tool attempts to recognize important features of the exploitation strategies, such as overhunting, “specialized hunting” or practices aimed at controlling the age and sex structure of the populations should be taken with caution. In addition, and prior to any interpretation, one needs to know how certain sources of variation, such as site location, environmental constraints or even sample size, affect the validity of inferences on body size through time and space. Included here are also some of the major biases that affect zooarchaeological analyses in general as is the case of preservation and retrieval biases and taxonomic miss-identification. A correct identification of the Spanish ibex is crucial in Iberia due the presence of another caprine species of very similar morphology since the middle Pleistocene as is the chamois (*Rupicapra rupicapra*, Linnaeus 1758). To it, one has to add the domestic sheep (*Ovis aries* Linnaeus, 1758) and goat (*Capra hircus* Linnaeus, 1758) from the Neolithic onwards (Altuna, 1978; Manceau *et al.*, 1999a, 1999b; Quiralte, 2001; Ureña *et al.*, 2011). This presence of several caprine species, even prior to the onset of the Neolithic, adds to the difficulty of correctly identifying caprine remains to species level in the Iberian Peninsula and constitutes a pressing problem for zooarchaeologists as substantial numbers of bones from middle-sized bovids end up in the category of unspecified caprines.

Osteometry allows one to address different archaeological problems, in particular changes in the size/shape of the elements that can, in turn, inform about different aspects of the populations from which those elements derived (Boessneck & Driesch, 1978; Albarella, 2002). Ideally, these analyses should be addressed with large osteometric datasets from known populations (extant or archaeological) that would allow one to clearly de-

fine standards against which data can be compared. In spite of the aforementioned importance of the Spanish ibex in Iberian zooarchaeology, one is baffled by the ludicrously low numbers of osteometric data that are available for comparison and by an absolute lack of standards.

Osteometrical analyses need to take into account three main sources of variation that, in the case of the Spanish ibex, include (Boessneck & Driesch, 1978; Payne & Bull, 1988):

Ontogenetic variation: referred to differences in size and proportions of the various age groups (i.e. cohorts) of a population.

Sexual variation: sexual variation constitutes a special kind of intra-specific variation that is often considered independently due of its relevance in dimorphic species as is the case of most ungulates. In the Spanish ibex, some differences between the sexes do not normally overlap. This would be the case of weight where adult females range between 30-40 kg and adult males between 50-70 kg with the largest males reaching to 100-120 kg (Granados *et al.*, 2001).

Intra-specific variation. Included here are variations due to genetic differences and differences fostered by environmental agents (temperature, fodder, altitude, etc.). Observer’s errors when taking measurements, although representing a totally different kind of phenomenon, could be eventually added to this category. Although in most species intra-specific variation tends to be residual, under certain circumstances the environmental parameters become relevant due mainly to two phenomena:

- Temporal variation: different climatic conditions (or different exploitation strategies) occurred through time and body size is known to vary according to parameters such as temperature and moisture. Selective breeding and alternative exploitation strategies may also bring about changes in size and proportions (Albarella, 2002). Despite limitations, comparing diachronic samples from one cultural sequence often proves the best way to characterize size trends through time. The second best alternative would be to compare assemblages from different sites and periods within the same region.
- Geographical variation: animal populations from different regions may exhibit eco-morphotypes due to local adaptations and/or

The emergence and spreading of these sub-species postulated a sequential colonization from a founder population in Northern Spain that paleontological and biomolecular data suggest diverged after the migration and subsequent speciation of the extinct *Capra camburgensis* (Toepfer, 1934) from the Alpine ibex (*Capra ibex* Linnaeus, 1758) during the Riss-Würm interglacial (Hartl *et al.*, 1990; Manceau *et al.*, 1999a, b; Pidancier *et al.*, 2006; Ureña *et al.*, 2011). The Spanish ibex thus colonized the Iberian Peninsula following a counterclockwise movement towards Portugal then downwards to the central mountain systems, the southern peninsula and finally upwards into the Iberian Levant (Cabrera, 1911; Hartl *et al.*, 1990; Manceau *et al.*, 1999a; García-González, 2011). This hypothesis still requires a reliable phylogenetic analysis incorporating archaeological and paleontological specimens in order to clarify the phylogeographic events that led to the sub-speciation of this species (Ureña *et al.*, 2011).

For this reason, zooarchaeologists cannot take it for granted that the sub-species that today occupies a particular region did so in the past or remained invariable through time. This variability as it pertains to size is crucial to evaluate any putative trends reporting size changes of Spanish ibexes in the archaeological record.

With these provisos in mind, in this paper we will present a preliminary osteometrical database of *Capra pyrenaica* that not only incorporates measurements from the two extant modern subspecies but also from selected zooarchaeological collections, in particular those from the Basque Country during prehistoric times and two additional ones from the Spanish Levant region. Of these, the collection retrieved in Sector C of the Cova Fosca rock shelter (Ares del Maestrat, Castellón, Spain) holds the largest number of measurements for the species in Iberian soil, whereas the smaller collection is from the nearby site of Mas Nou.

MATERIALS, METHODS AND DATASET

Given that the main goal of this osteometrical tool is to provide a reference system for future studies on body size variability analyses, only selected elements have been taken into consideration. This includes the elements from both girdles (i.e. scapula and pelvis), the major limb bones (humerus, radius,

ulna, femur and tibia) plus the two ankle bones that are regularly present in archaeological sites (calcaneus and astragalus). Phalanges were intentionally excluded from the database as difficulties occasionally exist to assign them to the fore- or hind limb, or even parasagittally. In the case of other elements, as are most of the cranial bones and teeth the problem is of another nature for, as has been already said, these may even prove difficult to assign to the level of the species.

To address the problem of the natural size variability of the Spanish ibex, modern samples from the two extant subspecies (*Capra pyrenaica victoriae* and *Capra pyrenaica hispanica*) have been measured. Specimens of known sex and above 2 years of age were measured at the *Museo Nacional de Ciencias Naturales* (MNCN) and the *Laboratorio de Arqueozoología Universidad Autónoma de Madrid* (LAZ-UAM). In addition, Late Pleistocene samples from the Cantabrian region (assumed to represent the Pleistocene ancestors of the now extinct subspecies *C. pyrenaica pyrenaica*) were incorporated to the database. These measurements were mostly compiled in the papers of J. Altuna and P. M. Castaños by Quiralte (2002).

In the case of the dataset from Cova Fosca, bone identification was carried out with the help of the reference collection of Arturo Morales housed at LAZ-UAM along with diagnostic criteria taken from the bibliography to discriminate the species from sheep and goat (Altuna, 1978; Quiralte, 2001; 2002). Likewise, although only fused elements and non-porous elements (only criteria to set apart adult from non-adult specimens in bones without epiphyses) should have been measured, measurements of fusing and unfused bones have been also incorporated to the database for comparative purposes. These are highlighted in grey in the tables. For the same reason, elements that were only slightly eroded or mildly burned have been incorporated. Their values are provided within brackets in the tables.

Measurements were taken with either a standard calliper M or a digital calliper "Powerfix" (both with estimated errors ± 0.5 mm), and mainly follow Driesch (1976) and Davis (Davis, 1996, 2008). Additionally, some measurements originally defined for the Genus *Sus* by Payne & Bull (1988) have been adapted for the Spanish ibex.

Age estimation in archaeological bones is based on data taken from Vigal and Machordom (1985), Pérez Ripoll (1988) and Serrano *et al.* (2004). In

the case of dates of closure of the epiphyses, only those elements that allow one to discriminate between the different age groups have been considered (Tables 1-3). Despite mandible and teeth measurements not being included in the dataset, a compilation of tooth eruption and tooth wear stages are included here to provide a standardization for age estimation methodologies in the species.

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| Tooth eruption | Age range (months) | Cohort |
|---------------------------------------|--------------------|-------------------------|
| dp ₄ (+/-) | 1-2 | Neonate (<2 months)* |
| M ₁ (+/-) | 2-4 | Infantile (2-6 months) |
| M ₂ (+/-) | 9-12 | Juvenile (6-12 months) |
| I ₁ (+/-) | 12-25 | Subadult (12-24 months) |
| P ₃ y P ₄ (+/-) | 19-31 | |
| M ₃ (+/-) | 24 | |
| P ₂ (+/-) | 26-40 | Adult (24-72 months) |
| M ₃ (+) | 48 | |
| M ₃ (+++) | +72 | Senile (+72 months) |

TABLE 1

Spanish ibex: Dental eruption sequence of the main cohorts. *All newborns documented in the archaeological record are usually relocated into the undetermined caprine category given the difficulty to discriminate their bones to the level of the species.

| Element | Epiphyseal fusion (months) | | Cohort |
|--------------------|----------------------------|-------|-------------------------|
| | Fusing | Fused | |
| Scapula (coracoid) | 12-24 | | Subadult (12-24 months) |
| Proximal radius | | | |
| Distal metacarpus | | | |
| Proximal phalanges | | | |
| Acetabulum | | | |
| Distal metacarpus | | 24-36 | Adult (24-72 months) |
| Acetabulum | | >24 | |
| Proximal femur | 24-72 | | |
| Trochanter femoris | 24-60 | | |
| Distal femur | 24-72 | | |
| Distal tibia | 24-36 | >36 | |
| Calcaneus | | 48-60 | |
| Distal metatarsus | | 24-36 | |
| Vertebrae | 72-83 | | Senile (+72 months) |

TABLE 2

Spanish ibex: Post-juvenile cohort arrangement according to the epiphyseal calendar of the main postcranial bones.

| Wear stages | Age range (months) | Cohort |
|---|--------------------|-------------------------|
| dp ₄ : 0, a | 1-2 | Neonate (<2 months)* |
| dp ₄ : b, c | 2-4 | Infantile (2-6 months) |
| dp ₄ : g ; M ₁ :b, c | 4-6 | |
| dp ₄ : g, h; M ₁ :d,e | 9-12 | Juvenile (6-12 months) |
| dp ₄ : post g, M ₁ :g M ₂ :a,b | 12-24 | Subadult (12-24 months) |
| M ₁ :g-k M ₂ :g M ₃ : c, d | 36 | Adult (24-72 months) |
| M ₁ : l M ₂ :g M ₃ : g | 48 | |
| M ₁ :post m M ₂ :g M ₃ : g | 48-60 | |
| M ₂ : post g M ₃ : post h | +72 | Senile (+72 months) |

TABLE 3

Spanish ibex: Dental wear features of the main cohorts. * All newborns documented in the archaeological record are usually relocated into the undetermined caprine category given the difficulty to discriminate their bones to the level of the species.

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APPENDIX

| ATLAS | | | | | | | | | | | | |
|------------------------|-----|-----|---------------------|------------|-------------------|-------------|--------|--------|--------|------|----------|--|
| Sub-species | Sex | Age | Collection/ Site | Code | Location | Level | GB | GL | GLF | BFcr | BFcd | |
| <i>C. p. hispanica</i> | ♂ | 6 | AMM | 656 | S. Cazorla | | 94 | 82.5 | 31.5 | 59 | 57 | |
| <i>C. p. hispanica</i> | ♀ | 5 | AMM | AL-6 | S. Cazorla | | 70 | 62.5 | 29.5 | 53 | 49 | |
| <i>C. p. pyrenaica</i> | ♂ | 7 | AMM | Cap pyr-15 | Somicedo | | 109 | 84.5 | 37 | 64 | 63 | |
| | | | Cova Fosca | | Ares del Maestrat | [-120/-130] | | (31.5) | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-170/-177] | (86) | 37 | 34 | 66.5 | 59 | |
| | | | Cova Fosca | | Ares del Maestrat | [-170/-177] | 70.5 | 36 | 29.5 | 60 | 54 | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | 39 | | | 62 | |
| | | | Cova Fosca | 1145 | Ares del Maestrat | [-196/-211] | (105) | 78 | (35.5) | (62) | (53) | |
| | | | Cova Fosca | 1149 | Ares del Maestrat | [-196/-211] | (94) | | (38) | 59 | 54 | |
| | | | Cova Fosca | 1147 | Ares del Maestrat | [-196/-211] | | | | 53.5 | | |
| | | | Cova Fosca | 293 | Ares del Maestrat | [-211/-220] | | | 37.5 | | | |
| | | | Cova Fosca | 886 | Ares del Maestrat | [-211/-220] | 71 | | 30 | (50) | 50.5 | |
| | | | Cova Fosca | 71 | Ares del Maestrat | [-220/-224] | | | 26.5 | 52 | ((47.5)) | |
| | | | Cova Fosca | | Ares del Maestrat | [-242/-255] | ((88)) | | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-242/-255] | (56) | 31 | 26 | 50 | (46) | |

| SCAPULA | | | | | | | | | | | | |
|------------------------|-----|-----|---------------------|-------|------------|-------|------|------|------|-------|--|--|
| Sub-species | Sex | Age | Collection/ Site | Code | Location | Level | GLP | SLC | BG | HS | | |
| <i>C. p. hispanica</i> | ♂ | 6 | AMM | 656 | S. Cazorla | | 38.5 | 25.5 | 33.7 | 198 | | |
| <i>C. p. hispanica</i> | ♂ | 10 | MNCN | 18070 | S. Cazorla | | 36.5 | 26 | 28.2 | 189 | | |
| <i>C. p. hispanica</i> | ♂ | 11 | MNCN | 18073 | S. Cazorla | | 37 | 23.5 | 27.4 | 184.5 | | |
| <i>C. p. hispanica</i> | ♂ | 11 | MNCN | 18075 | S. Cazorla | | 38 | 23.9 | 27.2 | 190 | | |
| <i>C. p. hispanica</i> | ♂ | 8 | MNCN | 18124 | S. Cazorla | | 36.1 | 25.2 | 27.2 | 195 | | |
| <i>C. p. hispanica</i> | ♂ | 8 | MNCN | 18127 | S. Cazorla | | 33.5 | 22.5 | 24.5 | 168 | | |
| <i>C. p. hispanica</i> | ♂ | 5 | MNCN | 18147 | S. Cazorla | | 34 | 21.5 | 23.8 | 158.5 | | |

| SCAPULA | | | | | | | | | | |
|------------------------|-----|-----|------------------|-------|------------|-------|------|------|------|-------|
| Sub-species | Sex | Age | Collection/ Site | Code | Location | Level | GLP | SLC | BG | HS |
| <i>C. p. hispanica</i> | ♂ | 9 | MNCN | 18151 | S. Cazoria | | 37.2 | 26.5 | 26.8 | 194 |
| <i>C. p. hispanica</i> | ♂ | 13 | MNCN | 18153 | S. Cazoria | | 38.7 | 25 | 28.8 | 193 |
| <i>C. p. hispanica</i> | ♂ | 13 | MNCN | 18155 | S. Cazoria | | 40 | 26 | 28.6 | 203.5 |
| <i>C. p. hispanica</i> | ♂ | 12 | MNCN | 18157 | S. Cazoria | | 35 | 23 | 25.5 | 180.3 |
| <i>C. p. hispanica</i> | ♀ | 7 | MNCN | 18087 | S. Cazoria | | 33.5 | 19 | 21.9 | 150 |
| <i>C. p. hispanica</i> | ♀ | 5 | MNCN | 18089 | S. Cazoria | | 33 | 20.5 | 23 | 154 |
| <i>C. p. hispanica</i> | ♀ | 7 | MNCN | 18094 | S. Cazoria | | 30 | 18.5 | 22.7 | 146 |
| <i>C. p. hispanica</i> | ♀ | 4 | MNCN | 18116 | S. Cazoria | | 30.2 | 19 | 21.8 | 142.5 |
| <i>C. p. hispanica</i> | ♀ | 6 | MNCN | 18117 | S. Cazoria | | 33 | 19 | 21.6 | |
| <i>C. p. hispanica</i> | ♀ | 4 | MNCN | 18207 | S. Cazoria | | 30 | 18 | 24.5 | 168 |
| <i>C. p. hispanica</i> | ♀ | 5 | MNCN | 18216 | S. Cazoria | | 31 | 19 | 22 | 147.3 |
| <i>C. p. hispanica</i> | ♀ | 5 | AMM | AL-6 | S. Cazoria | | 35.5 | 22.5 | 29 | 171 |
| <i>C. p. victoriae</i> | ♂ | 6 | MNCN | 18159 | S. Gredos | | 37.8 | 23.8 | | 165 |
| <i>C. p. victoriae</i> | ♂ | 4 | MNCN | 16163 | S. Gredos | | 36.5 | 20.5 | | 164 |
| <i>C. p. victoriae</i> | ♂ | 5 | MNCN | 18166 | S. Gredos | | 40 | 26 | | 176 |
| <i>C. p. victoriae</i> | ♂ | 6 | MNCN | 18170 | S. Gredos | | 41.5 | 24.5 | | 183 |
| <i>C. p. victoriae</i> | ♂ | 6 | MNCN | 18172 | S. Gredos | | 39.8 | 23 | 29.5 | 180.5 |
| <i>C. p. victoriae</i> | ♂ | 4 | MNCN | 18174 | S. Gredos | | 35 | 23 | | 160 |
| <i>C. p. victoriae</i> | ♂ | 6 | MNCN | 18279 | S. Gredos | | 44 | 27 | | 187.5 |
| <i>C. p. victoriae</i> | ♂ | 8 | MNCN | 18281 | S. Gredos | | 41.5 | 26 | | 186 |
| <i>C. p. victoriae</i> | ♀ | 8 | MNCN | 18184 | S. Gredos | | 37.5 | 24 | 26.5 | 169 |
| <i>C. p. victoriae</i> | ♀ | 8 | MNCN | 18189 | S. Gredos | | 36.5 | 23 | 24.2 | 161 |
| <i>C. p. victoriae</i> | ♀ | 6 | MNCN | 18191 | S. Gredos | | 34.5 | 23 | 24 | 155.3 |
| <i>C. p. victoriae</i> | ♀ | 5 | MNCN | 18197 | S. Gredos | | 34 | 21 | 23.3 | 151 |
| <i>C. p. victoriae</i> | ♀ | 6 | MNCN | 18201 | S. Gredos | | 36 | 22 | 24.5 | 162 |
| <i>C. p. victoriae</i> | ♀ | 7 | MNCN | 18222 | S. Gredos | | 34 | 21 | 23.1 | 146 |

| SCAPULA | | | | | | | | | | |
|----------------------------|-----|-----|------------------|-------|-----------|-------|------|------|------|-------|
| Sub-species | Sex | Age | Collection/ Site | Code | Location | Level | GLP | SLC | BG | HS |
| <i>C. p. victoriae</i> | ♀ | 7 | MNCN | 18237 | S. Gredos | | 31 | 19.5 | 22.4 | 148.9 |
| <i>C. p. victoriae</i> | ♀ | 5 | MNCN | 18252 | S. Gredos | | 33.5 | 20 | 23.4 | 150 |
| <i>C. p. victoriae</i> | ♀ | 8 | MNCN | 18254 | S. Gredos | | 33.5 | 21.5 | | 166 |
| <i>C. p. victoriae</i> | ♀ | 5 | MNCN | 18271 | S. Gredos | | 35.5 | 21 | | 160 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Atxuri | AIXU1 | Mañaria | V-VI | 36.5 | 20.5 | 25 | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Bolinkova | BO1 | Aradano | VI | 36.5 | 23.5 | 25.5 | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Lumentxa | LU1 | Leketio | V | 44 | 32 | 29.5 | |
| cf. <i>C. p. pyrenaica</i> | 2♀ | | Lumentxa | LU2 | Leketio | V | 32 | 21 | 21 | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Lumentxa | LU3 | Leketio | VII | 51 | 38 | 35 | |
| cf. <i>C. p. pyrenaica</i> | | | Arenaza | P-1 | Galdames | | 34 | | 23 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-10 | Mirones | | 36.5 | | 25 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-11 | Mirones | | 37 | | 24.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Arenaza | P-12 | Galdames | | 37 | | 25 | |
| cf. <i>C. p. pyrenaica</i> | | | Arenaza | P-13 | Galdames | | 37 | | 25 | |
| cf. <i>C. p. pyrenaica</i> | | | Arenaza | P-14 | Galdames | | 37 | | 26 | |
| cf. <i>C. p. pyrenaica</i> | | | Arenaza | P-15 | Galdames | | 37.5 | | 24.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Arenaza | P-16 | Galdames | | 37.5 | | 25 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-17 | Mirones | | 37.5 | | 25.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-18 | Mirones | | 37.5 | | 25.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-2 | Mirones | | 35 | | 23 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-21 | Mirones | | 38 | | 25.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-23 | Mirones | | 38 | | 26 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-25 | Mirones | | 38.5 | | 27 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-26 | Mirones | | 39 | | 27 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-27 | Mirones | | 39.5 | | 26 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-31 | Mirones | | 41.5 | | 29 | |

| SCAPULA | | | | | | | | | | |
|----------------------------|-----|-----|------------------|------|----------|-------|------|-----|------|----|
| Sub-species | Sex | Age | Collection/ Site | Code | Location | Level | GLP | SLC | BG | HS |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-32 | Mirones | | 42.5 | | 31 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-34 | Mirones | | 43 | | 30 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-35 | Mirones | | 43 | | 31.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-36 | Mirones | | 43 | | 32 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-37 | Mirones | | 43 | | 32.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-38 | Mirones | | 43.5 | | 30 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-39 | Mirones | | 43.5 | | 30 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-40 | Mirones | | 43.5 | | 31.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-41 | Mirones | | 44 | | 28.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-42 | Mirones | | 44 | | 30.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-43 | Mirones | | 44 | | 31 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-44 | Mirones | | 44 | | 34 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-45 | Mirones | | 44.5 | | 31 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-46 | Mirones | | 45 | | 30 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-47 | Mirones | | 45 | | 31 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-48 | Mirones | | 45 | | 31.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-49 | Mirones | | 45 | | 32 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-50 | Mirones | | 45.5 | | 29.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-51 | Mirones | | 45.5 | | 30.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-52 | Mirones | | 45.5 | | 32.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-53 | Mirones | | 45.5 | | 33 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-54 | Mirones | | 46 | | 37 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-55 | Mirones | | 46.5 | | 32 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-56 | Mirones | | 47 | | 33.5 | |
| cf. <i>C. p. pyrenaica</i> | | | Rascaño | P-57 | Mirones | | 47 | | 37 | |
| cf. <i>C. p. pyrenaica</i> | | | Arenaza | P-20 | Galdames | | 38 | | 25 | |

| SCAPULA | | | | | | | | | | |
|----------------------------|-----|-----|------------------|-------|-------------|-------|------|------|------|----|
| Sub-species | Sex | Age | Collection/ Site | Code | Location | Level | GLP | SLC | BG | HS |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-22 | Galdames | | 38 | | 26 | |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-24 | Galdames | | 38.5 | | 26.5 | |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-28 | Galdames | | 39.5 | | 27 | |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-29 | Galdames | | 40 | | 26 | |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-35 | Galdames | | 35 | | 31.5 | |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-30 | Galdames | | 41 | | 29.5 | |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-33 | Galdames | | 43 | | 29.5 | |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-4 | Galdames | | 35 | | 24.5 | |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-6 | Galdames | | 35.5 | | 23 | |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-7 | Galdames | | 35.5 | | 24 | |
| <i>cf. C. p. pyrenaica</i> | | | Arenaza | P-8 | Galdames | | 35.5 | | 25 | |
| <i>cf. C. p. pyrenaica</i> | | | Tito Bustillo | P-5 | Ribadesella | | 35 | | 24.5 | |
| <i>cf. C. p. pyrenaica</i> | | | Riera | P-9 | Llanes | | 36.5 | | 25.5 | |
| <i>cf. C. p. pyrenaica</i> | ♀ | | Santimamiñe | SA 1 | Kortezubi | VI | 36.5 | 22.5 | 25.5 | |
| <i>cf. C. p. pyrenaica</i> | ♀ | | Santimamiñe | SA 2 | Kortezubi | VI | 36.5 | 23 | 27.5 | |
| <i>cf. C. p. pyrenaica</i> | ♀ | | Santimamiñe | SA 3 | Kortezubi | VI | 33.5 | 23.5 | 22 | |
| <i>cf. C. p. pyrenaica</i> | ♀ | | Santimamiñe | SA 4 | Kortezubi | II | 35.5 | | 23 | |
| <i>cf. C. p. pyrenaica</i> | ♂ | | Santimamiñe | SA 5 | Kortezubi | V | 43.5 | | 28 | |
| <i>cf. C. p. pyrenaica</i> | | | Urriaga | URT 1 | Deba | D | 35.9 | 23.4 | 25.6 | |
| <i>cf. C. p. pyrenaica</i> | | | Urriaga | URT 2 | Deba | D | 38.4 | 23 | 24 | |
| <i>cf. C. p. pyrenaica</i> | | | Urriaga | URT 3 | Deba | D | 41.2 | 29.1 | 30.1 | |
| <i>cf. C. p. pyrenaica</i> | | | Urriaga | URT 4 | Deba | D | 41.8 | 27.4 | 29.6 | |
| <i>cf. C. p. pyrenaica</i> | | | Urratxa | URR 1 | Orozko | III | 43 | 27 | 31 | |
| <i>cf. C. p. pyrenaica</i> | | | Urratxa | URR 2 | Orozko | III | 35 | 23.5 | 26 | |
| <i>cf. C. p. pyrenaica</i> | | | Urratxa | URR 3 | Orozko | III | 42 | 25.5 | 31.5 | |
| <i>cf. C. p. pyrenaica</i> | | | Urratxa | URR 4 | Orozko | III | 36 | 21.5 | 25 | |

| SCAPULA | | | | | | | | | | |
|-----------------------------|-----|-----|------------------|-------|-------------------|-------------|--------|--------|--------|-------|
| Sub-species | Sex | Age | Collection/ Site | Code | Location | Level | GLP | SLC | BG | HS |
| <i>cf. C. p. pyrenatica</i> | | | Urratxa | URR 5 | Orozko | III | 38 | 21.5 | | |
| <i>cf. C. p. pyrenatica</i> | | | Urratxa | URR 6 | Orozko | III | 43 | 25.5 | 30.5 | |
| | | | Mas Nou | | Ares del Maestrat | 1 | (37) | | (27) | |
| | | | Mas Nou | | Ares del Maestrat | 1 | | (22) | | |
| | | | Mas Nou | | Ares del Maestrat | 2 | 34 | 21 | 23 | |
| | | | Cova Fosca | | Ares del Maestrat | [-150/-170] | (33.5) | (19.5) | | |
| | | | Cova Fosca | | Ares del Maestrat | [-150/-170] | 33 | 19.5 | | |
| | | | Cova Fosca | | Ares del Maestrat | [-170/-177] | 40 | 23.5 | 28 | |
| | | | Cova Fosca | | Ares del Maestrat | [-170/-177] | | (26) | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | 39.5 | 23 | 27.5 | |
| | | | Cova Fosca | 75 | Ares del Maestrat | [-196/-211] | (40) | | | |
| | | | Cova Fosca | 1530 | Ares del Maestrat | [-196/-211] | 40 | 24.5 | | |
| | | | Cova Fosca | 1051 | Ares del Maestrat | [-196/-211] | 37 | 21 | | |
| | | | Cova Fosca | 1160 | Ares del Maestrat | [-196/-211] | (38) | 22 | | |
| | | | Cova Fosca | 1447 | Ares del Maestrat | [-196/-211] | | 20 | | |
| | | | Cova Fosca | 804 | Ares del Maestrat | [-196/-211] | (31) | | | |
| | | | Cova Fosca | 800 | Ares del Maestrat | [-196/-211] | (40) | | | |
| | | | Cova Fosca | 1498 | Ares del Maestrat | [-196/-211] | (32) | | | |
| | | | Cova Fosca | 375 | Ares del Maestrat | [-211/-220] | | (18.5) | | (140) |
| | | | Cova Fosca | 484 | Ares del Maestrat | [-211/-220] | 32 | 19.5 | | |
| | | | Cova Fosca | 98 | Ares del Maestrat | [-211/-220] | 37 | 20.5 | | |
| | | | Cova Fosca | 568 | Ares del Maestrat | [-211/-220] | (34.5) | 19 | (22.5) | 147 |
| | | | Cova Fosca | 1066 | Ares del Maestrat | [-211/-220] | 36.5 | 25 | 24 | |
| | | | Cova Fosca | 506 | Ares del Maestrat | [-211/-220] | 39.5 | 25 | 26.5 | |
| | | | Cova Fosca | 901 | Ares del Maestrat | [-211/-220] | | 24.5 | 28 | |
| | | | Cova Fosca | 532 | Ares del Maestrat | [-211/-220] | | (21) | | |
| | | | Cova Fosca | 118 | Ares del Maestrat | [-211/-220] | | (21) | (23) | |
| | | | Cova Fosca | | Ares del Maestrat | [-220/-224] | 34 | | | |

| SCAPULA | | | | | | | | | | |
|-------------|-----|-----|------------------|---------|-------------------|-------------|------|------|----|----|
| Sub-species | Sex | Age | Collection/ Site | Code | Location | Level | GLP | SLC | BG | HS |
| | | | Cova Fosca | | Ares del Maestrat | [-220/-224] | 33 | 24 | | |
| | | | Cova Fosca | 453+461 | Ares del Maestrat | [-220/-224] | 33.5 | | | |
| | | | Cova Fosca | 204 | Ares del Maestrat | [-220/-224] | | 21 | | |
| | | | Cova Fosca | | Ares del Maestrat | [-298/-308] | 40 | 28 | | |
| | | | Cova Fosca | | Ares del Maestrat | [-319/-365] | (42) | (26) | | |
| | | | Cova Fosca | | Ares del Maestrat | [-365/-388] | (36) | (21) | | |
| | | | Cova Fosca | | Ares del Maestrat | [-365/-388] | | 15.6 | | |
| | | | Cova Fosca | | Ares del Maestrat | [-380] | | (20) | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| HUMERUS | | | | | | | | | | | | | | |
|------------------------|-----|-------------|------------------|------|------------|-------|------|-------|------|------|-------|-------|------|------|
| Subspecies | Sex | Age (years) | Collection/ Site | Code | Location | Level | Ht | HTC | BT | Bd | GL | GLC | Bp | SD |
| <i>C. p. hispanica</i> | ♂ | 6 | AMM | 656 | S. Cazorla | | 23.2 | 17 | 37 | 39 | 210 | 185.5 | 54 | 19.5 |
| <i>C. p. hispanica</i> | ♂ | 3 | AMM | 661 | S. Cazorla | | 21.5 | 15.2 | 36 | | | | | |
| <i>C. p. hispanica</i> | ♂ | 3 | AMM | 646 | S. Cazorla | | 20.6 | 15 | 34.8 | | | | | |
| <i>C. p. hispanica</i> | ♂ | 10 | AMM | 629 | S. Cazorla | | 21.6 | 16.6 | 36.3 | | | | | |
| <i>C. p. hispanica</i> | ♂ | (≤3) | AMM | 501 | S. Cazorla | | 21 | 16.2 | 35.4 | | | | | |
| <i>C. p. hispanica</i> | ♂ | 6 | AMM | 662 | S. Cazorla | | 21 | 16.1 | 36 | | | | | |
| <i>C. p. hispanica</i> | ♂ | 10 | AMM | J-3 | S. Cazorla | | 21.4 | 15 | 33.8 | | | | | |
| <i>C. p. hispanica</i> | ♂ | 2 | AMM | 624 | S. Cazorla | | 21.6 | 15.15 | 33.8 | | | | | |
| <i>C. p. hispanica</i> | ♂ | ≤2 | AMM | 503 | S. Cazorla | | 21 | 15.8 | 34.6 | | | | | |
| <i>C. p. hispanica</i> | ♀ | 5 | AMM | AI-6 | S. Cazorla | | 20 | 15 | 33 | 35 | 172.5 | 152 | 43.7 | 18 |
| <i>C. p. hispanica</i> | ♀ | 12 | AMM | 626 | S. Cazorla | | 19.7 | 15.5 | 33 | 34.7 | 175.7 | 154.3 | 43.2 | 17 |
| <i>C. p. hispanica</i> | ♀ | 10 | AMM | 625 | S. Cazorla | | 18.6 | 14 | 29.2 | 31.8 | 159.3 | 141.5 | 38.6 | 15 |

| HUMERUS | | | | | | | | | | | | | | |
|-------------------------|-----|-------------|------------------|----------------|------------|-------|------|------|------|------|-------|-------|------|------|
| Subspecies | Sex | Age (years) | Collection/ Site | Code | Location | Level | Ht | HTC | BT | Bd | GL | GLC | Bp | SD |
| <i>C. p. hispanica</i> | ♀ | > 4 | AMM | 736 | S. Cazorla | | 18 | 14.5 | 29.5 | 31 | 161.3 | 144.5 | 39 | 15.5 |
| <i>C. p. hispanica</i> | ♀ | 4 | AMM | 500 | S. Cazorla | | | 14.8 | 32 | | | | | |
| <i>C. p. hispanica</i> | ♀ | 4 | AMM | 735 | S. Cazorla | | 18 | 13.4 | 29.2 | 31.7 | 159.7 | 141.5 | 37.9 | 15.5 |
| <i>C. p. hispanica</i> | ♀ | 3 | AMM | 651 | S. Cazorla | | 18.6 | 14 | 30.6 | 32.1 | | | | |
| <i>C. p. hispanica</i> | ♀ | 6 | AMM | 635 | S. Cazorla | | 18.3 | 14.4 | 30.8 | 31.4 | 165 | 146.6 | 39.6 | 15.5 |
| <i>C. p. hispanica</i> | ♂ | 10 | MNCN | 18070 | S. Cazorla | | | | | | 205.2 | 182.5 | 52 | 19 |
| <i>C. p. hispanica</i> | ♂ | 4 | AMM | Cap pyr-14 (D) | S. Cazorla | | 21.3 | 15.2 | 36 | 37.5 | | | | |
| <i>C. p. hispanica</i> | ♂ | 4 | AMM | Cap pyr-14 (S) | S. Cazorla | | 21.5 | 15.2 | 36 | 37 | | | | |
| <i>C. p. hispanica</i> | ♂ | 10 | MNCN | 18070 | S. Cazorla | | 23.1 | 17.7 | 36.7 | 39.3 | 206 | 183.5 | 51.8 | 19.5 |
| <i>C. p. hispanica</i> | ♂ | 11 | MNCN | 18073 | S. Cazorla | | 21.9 | 16.5 | 37 | 39 | 194 | 173.5 | 49.5 | 18.3 |
| <i>C. p. hispanica</i> | ♂ | 11 | MNCN | 18075 | S. Cazorla | | 22.2 | 15.7 | 35.2 | 38 | 198 | 176 | 49.5 | 18.5 |
| <i>C. p. hispanica</i> | ♀ | 7 | MNCN | 18087 | S. Cazorla | | 18.3 | 14.1 | 30.5 | 32 | 168.9 | 50 | 42 | 15.9 |
| <i>C. p. hispanica</i> | ♀ | 5 | MNCN | 18089 | S. Cazorla | | 19.9 | 15.5 | 32 | 33 | 171 | 151.5 | 42 | 16 |
| <i>C. p. hispanica</i> | ♀ | 7 | MNCN | 18094 | S. Cazorla | | 18.9 | 14.7 | 31 | 33 | 168 | 148 | 42 | 14.2 |
| <i>C. p. hispanica</i> | ♀ | 4 | MNCN | 18116 | S. Cazorla | | 18.3 | 14.7 | 31.9 | 31 | | | | |
| <i>C. p. hispanica</i> | ♀ | 6 | MNCN | 18117 | S. Cazorla | | 19 | 14.8 | 32 | 33 | 170 | 151 | 44 | 16 |
| <i>C. p. hispanica</i> | ♂ | 7-8 | MNCN | 18124 | S. Cazorla | | 23 | 16.5 | 36.5 | 38.8 | 202 | 178 | 51 | 20 |
| <i>C. p. hispanica</i> | ♂ | 8 | MNCN | 18127 | S. Cazorla | | 21.5 | 15.5 | 34.6 | 35.5 | 185.5 | 164.4 | 52.6 | 17 |
| <i>C. p. hispanica</i> | ♂ | 7 | MNCN | 18130 | S. Cazorla | | 22.6 | 16.6 | 35 | 37.1 | 197.5 | 175.2 | 49.7 | 18 |
| <i>C. p. hispanica</i> | ♂ | 7 | MNCN | 18146 | S. Cazorla | | 23.1 | 17.4 | 37.5 | 39.5 | 204.5 | 181 | 51 | 18.7 |
| <i>C. p. hispanica</i> | ♂ | 5 | MNCN | 18147 | S. Cazorla | | 21.2 | 15.6 | 33.3 | 35.4 | 180 | 161.5 | 45.5 | 16.5 |
| <i>C. p. hispanica</i> | ♂ | 8 | MNCN | 18151 | S. Cazorla | | 24 | 17.5 | 38.1 | 40 | 207.5 | 184.9 | 54 | 21 |
| <i>C. p. hispanica</i> | ♂ | 13 | MNCN | 18153 | S. Cazorla | | 23.8 | 18.9 | 36.2 | 40 | | | | 19 |
| <i>C. p. hispanica</i> | ♂ | 13 | MNCN | 18155 | S. Cazorla | | 23.9 | 17.5 | 38.9 | 40 | 208.5 | 184 | 53 | 21 |
| <i>C. p. hispanica</i> | ♂ | 12 | MNCN | 18157 | S. Cazorla | | 21.8 | 16.7 | 34.5 | 37 | 198.8 | 170 | 50 | 17.5 |
| <i>C. p. hispanica</i> | ♀ | 4 | MNCN | 18207 | S. Cazorla | | 18.5 | 14 | 30.5 | 31 | 161 | 143.5 | 38.8 | 14 |
| <i>C. p. hispanica</i> | ♀ | 5 | MNCN | 18216 | S. Cazorla | | 19.8 | 15.2 | 34 | 32 | 165 | 147 | 41.2 | 15 |
| <i>C. p. victorinae</i> | ♂ | 6 | MNCN | 18159 (D) | S. Gredos | | 23.8 | 17.2 | 37.4 | 40.5 | 185 | 165 | 50.4 | 19.7 |

| HUMERUS | | | | | | | | | | | | | | |
|----------------------------|-----|-------------|------------------|----------------|-----------|-----------|------|------|------|------|-------|-------|------|------|
| Subspecies | Sex | Age (years) | Collection/ Site | Code | Location | Level | Ht | HTC | BT | Bd | GL | GLC | Bp | SD |
| <i>C. p. victoriae</i> | ♂ | 6 | MNCN | 18159 (S) | S. Gredos | | 23.7 | 16.8 | 37.2 | 40 | 185.2 | 164.2 | 50.9 | 19 |
| <i>C. p. victoriae</i> | ♂ | 5 | MNCN | 18166 (S) | S. Gredos | | 24 | 19.4 | 38.7 | 40.1 | | | | |
| <i>C. p. victoriae</i> | ♂ | 6 | MNCN | 18170 (D) | S. Gredos | | 25.3 | 18.6 | 39 | 42.1 | | | | |
| <i>C. p. victoriae</i> | ♂ | 6 | MNCN | 18170 (S) | S. Gredos | | 26 | 18.1 | 39 | 41.4 | | | | |
| <i>C. p. victoriae</i> | ♂ | 6 | MNCN | 18172 (S) | S. Gredos | | 23.9 | 17.5 | 38.1 | 40.5 | | | | |
| <i>C. p. victoriae</i> | ♀ | 8 | MNCN | 18184 | S. Gredos | | | | 35.5 | 38.5 | 186.5 | 164.5 | 47 | 18 |
| <i>C. p. victoriae</i> | ♀ | 8 | MNCN | 18189 | S. Gredos | | 21.5 | 16.4 | 36 | 37 | 175 | 154.5 | 49 | 16 |
| <i>C. p. victoriae</i> | ♀ | 6 | MNCN | 18191 (S) | S. Gredos | | 19.8 | 15.5 | 33.5 | 34 | 174 | 153 | 46.5 | 16.5 |
| <i>C. p. victoriae</i> | ♀ | 5 | MNCN | 18197 (D) | S. Gredos | | 21.8 | 15.5 | 34 | 35.8 | 170.6 | 150.5 | 46 | 16.6 |
| <i>C. p. victoriae</i> | ♀ | 6 | MNCN | 18201 (S) | S. Gredos | | 21.8 | 16.6 | 34.5 | 36.8 | 177.5 | 156.5 | 47.5 | 17 |
| <i>C. p. victoriae</i> | ♀ | 7 | MNCN | 18222 (D) | S. Gredos | | 20 | 14.8 | 32.8 | 34.5 | 165 | 145 | 45 | 15.5 |
| <i>C. p. victoriae</i> | ♀ | 7 | MNCN | 18237 (D) | S. Gredos | | 20 | 14.6 | 31.5 | 33.6 | 161 | 142.8 | 41 | 14.5 |
| <i>C. p. victoriae</i> | ♀ | 5 | MNCN | 18252 (D) | S. Gredos | | 20.7 | 20.1 | 32.5 | 35 | 171 | 149.5 | 43.5 | 15 |
| <i>C. p. victoriae</i> | ♀ | 8 | MNCN | 18254 (S) | S. Gredos | | 20.8 | 16.7 | 34.5 | 35.5 | 171.5 | 152 | 46 | 16 |
| <i>C. p. victoriae</i> | ♀ | 5 | MNCN | 18271 (D) | S. Gredos | | 20.8 | 16.4 | 35.3 | 36 | 173.5 | 154 | 45.5 | 16 |
| <i>C. p. victoriae</i> | ♂ | 8 | MNCN | 18281 (S) | S. Gredos | | 25 | 18 | | | | | | |
| <i>C. p. victoriae</i> | ♂ | 8 | AMM | Cap pyr-3 | S. Gredos | | 23.5 | 16.3 | 37 | 40 | 187.2 | 162.4 | 51.7 | |
| <i>C. p. victoriae</i> | ♂ | 6 | AMM | Cap pyr-10 | S. Gredos | | | 18 | 41 | 42 | - | 192.4 | 52.6 | 22.3 |
| <i>C. p. victoriae</i> | ♂ | 4 | AMM | Cap pyr-11 | S. Gredos | | | - | - | - | - | - | - | - |
| cf. <i>C. p. pyrenaica</i> | ♂ | 7 | AMM | Cap-pyr 15 (S) | Somiedo | | 25.7 | 19.7 | 40.5 | 44.5 | 227.5 | 201 | 59 | 24 |
| cf. <i>C. p. pyrenaica</i> | ♂ | 7 | AMM | Cap-pyr 15 (D) | Somiedo | | 26.7 | 19 | 41.4 | 44 | | | | |
| cf. <i>C. p. pyrenaica</i> | | | Aitzbitarte | ATZ 1 | Renteria | Aziliense | | | | 43.3 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Aizuri | ATXU 1 | Mañaria | II | | | 44 | 45.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Bolinkova | BO 1 | Aradiano | VI | | | 37.5 | 39 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Bolinkova | BO 2 | Aradiano | VI | | | 37 | 38.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Lumentxa | LU 1 | Lekeitio | IB | | | 31 | 33 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Lumentxa | LU 2 | Lekeitio | IV | | | 29.5 | 32.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Lumentxa | LU 3 | Lekeitio | VI | | | 38.5 | 41 | | | | |

| HUMERUS | | | | | | | | | | | | | | |
|----------------------------|-----|-------------|------------------|-------|-----------|-------|----|-----|------|------|----|-----|----|----|
| Subspecies | Sex | Age (years) | Collection/ Site | Code | Location | Level | Ht | HTC | BT | Bd | GL | GLC | Bp | SD |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Polvorin | PO 1 | Carranza | V | | | 47 | 50 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Santimamiñe | SA 1 | Kortezubi | III | | | 41.5 | 44 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 10 | Kortezubi | VI | | | 35.5 | 37 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 11 | Kortezubi | VII | | | 36.5 | 38 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 12 | Kortezubi | VIII | | | 41.5 | 37.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 13 | Kortezubi | VIII | | | 36.5 | 38 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Santimamiñe | SA 14 | Kortezubi | I | | | 41.5 | 46.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 15 | Kortezubi | II | | | 33.5 | 36 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 16 | Kortezubi | III | | | 37 | 40.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | | | Santimamiñe | SA 17 | Kortezubi | III | | | 38.5 | 40.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 18 | Kortezubi | IV | | | 36.5 | 38.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Santimamiñe | SA 19 | Kortezubi | V | | | 39.5 | 40.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Santimamiñe | SA 2 | Kortezubi | III | | | 39.5 | 41.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Santimamiñe | SA 20 | Kortezubi | V | | | 39 | 41 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Santimamiñe | SA 21 | Kortezubi | V | | | 39 | 40 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Santimamiñe | SA 3 | Kortezubi | V | | | 44 | 48 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 4 | Kortezubi | VI | | | 36 | 37.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 5 | Kortezubi | VI | | | 29.5 | 32.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 6 | Kortezubi | VI | | | 35 | 37 | | | | |
| cf. <i>C. p. pyrenaica</i> | | | Santimamiñe | SA 7 | Kortezubi | VI | | | 38.5 | 39.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 8 | Kortezubi | VI | | | 31 | 33.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Santimamiñe | SA 9 | Kortezubi | VI | | | 32 | 34.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Urrauxa | URR 1 | Orozko | III | | | 39 | 41 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Urrauxa | URR 2 | Orozko | III | | | 40.5 | 43 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Urrauxa | URR 3 | Orozko | III | | | 40 | 42 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Urrauxa | URR 4 | Orozko | III | | | 35 | 36.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | Urrauxa | URR 5 | Orozko | III | | | 39.5 | 40.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | Urrauxa | URR 6 | Orozko | III | | | 36 | 36.5 | | | | |

| HUMERUS | | | | | | | | | | | | | | |
|----------------------------|-----|-------------|------------------|--------|-------------------|-------------|----|-----|--------|------|----|-----|----|----|
| Subspecies | Sex | Age (years) | Collection/ Site | Code | Location | Level | Ht | HTC | BT | Bd | GL | GLC | Bp | SD |
| <i>cf. C. p. pyrenaica</i> | ♂? | | Urratxa | URR 7 | Orozko | III | | | 40 | 42 | | | | |
| <i>cf. C. p. pyrenaica</i> | ♂? | | Urratxa | URR 8 | Orozko | III | | | 41.5 | 43.5 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 1 | Deba | D | | | 37 | 39.5 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 2 | Deba | D | | | 39 | 40 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 3 | Deba | D | | | 39 | 40.5 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 4 | Deba | D | | | 38.5 | 41 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 5 | Deba | D | | | 39 | 41 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 6 | Deba | D | | | 41.5 | 43.5 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 7 | Deba | D | | | 42 | 44 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 8 | Deba | D | | | 45 | 45.5 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 9 | Deba | D | | | 43 | 46 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 10 | Deba | D | | | 43 | 46 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 11 | Deba | D | | | | 46.5 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 12 | Deba | D | | | 43 | 46.5 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 13 | Deba | D | | | 45 | 46.5 | | | | |
| <i>cf. C. p. pyrenaica</i> | | | Urtiaga | URT 14 | Deba | D | | | 45 | 48.5 | | | | |
| | | | Mas Nou | | Ares del Maestrat | 2 | | | (34) | 37 | | | | |
| | | | Mas Nou | | Ares del Maestrat | 2 | | | (28.5) | | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-119] | | | 28 | 29.5 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-120/-130] | | | 30 | 32 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-120/-130] | | | 39.5 | 44.5 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-125/-142] | | | 35 | 37 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-150/-170] | | | 33 | 34 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-150/-170] | | | (28.5) | | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-150/-170] | | | 38 | 41 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-170/-177] | | | 38.5 | 41 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-170/-177] | | | 38.7 | 41.5 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-170/-177] | | | 35 | 38.5 | | | | |

| HUMERUS | | | | | | | | | | | | | | |
|------------|-----|-------------|------------------|------|-------------------|-------------|----|------|--------|------|----|-----|----|----|
| Subspecies | Sex | Age (years) | Collection/ Site | Code | Location | Level | Ht | HTC | BT | Bd | GL | GLC | Bp | SD |
| | | | Cova Fosca | | Ares del Maestrat | [-170/-177] | | | 38.5 | 43 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-170/-177] | | | (36) | (38) | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | | (35) | 39 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | | 37.5 | 40 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | | 36 | 39 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | | (32) | 32.5 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | | 33.5 | 36 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | | 31 | 33 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | | (32.5) | 36 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | | (30) | | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | | (29) | | | | | |
| | | | Cova Fosca | 1012 | Ares del Maestrat | [-196/-211] | | 14.8 | 32.8 | 33.7 | | | | |
| | | | Cova Fosca | 1394 | Ares del Maestrat | [-196/-211] | | 16 | 32.4 | 34.7 | | | | |
| | | | Cova Fosca | 815 | Ares del Maestrat | [-196/-211] | | 14.8 | 31.8 | 33.5 | | | | |
| | | | Cova Fosca | 807 | Ares del Maestrat | [-196/-211] | | 16.2 | 34 | 35.6 | | | | |
| | | | Cova Fosca | 257 | Ares del Maestrat | [-211/-220] | | 16.5 | 39 | 41 | | | | |
| | | | Cova Fosca | 706 | Ares del Maestrat | [-211/-220] | | 18 | 37 | 40 | | | | |
| | | | Cova Fosca | 611 | Ares del Maestrat | [-211/-220] | | 15.5 | 32 | 34 | | | | |
| | | | Cova Fosca | 28 | Ares del Maestrat | [-211/-220] | | 17.5 | 39 | 41.5 | | | | |
| | | | Cova Fosca | 704 | Ares del Maestrat | [-211/-220] | | 14.7 | 32 | 33 | | | | |
| | | | Cova Fosca | 78 | Ares del Maestrat | [-211/-220] | | 17.3 | 39.5 | 42 | | | | |
| | | | Cova Fosca | 317 | Ares del Maestrat | [-211/-220] | | 15.6 | 31.5 | 34 | | | | |
| | | | Cova Fosca | 393 | Ares del Maestrat | [-211/-220] | | 15.2 | 33.5 | 34 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-211/-220] | | 15.8 | 32.5 | 34.5 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-211/-220] | | | 33.5 | | | | | |
| | | | Cova Fosca | 628 | Ares del Maestrat | [-211/-220] | | 16 | 33.5 | 36.5 | | | | |
| | | | Cova Fosca | 158 | Ares del Maestrat | [-211/-220] | | 16.5 | 34.5 | 36.5 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-211/-220] | | 14 | 31.5 | 32.5 | | | | |

| HUMERUS | | | | | | | | | | | | | | |
|------------|-----|-------------|------------------|------|-------------------|-------------|----|------|--------|--------|----|-----|----|----|
| Subspecies | Sex | Age (years) | Collection/ Site | Code | Location | Level | Ht | HTC | BT | Bd | GL | GLC | Bp | SD |
| | | | Cova Fosca | 705 | Ares del Maestrat | [-211/-220] | | 16 | 32.5 | 34 | | | | |
| | | | Cova Fosca | 591 | Ares del Maestrat | [-220/-224] | | 16.8 | 34 | | | | | |
| | | | Cova Fosca | 188 | Ares del Maestrat | [-220/-224] | | 15 | 33 | 34.5 | | | | |
| | | | Cova Fosca | 285 | Ares del Maestrat | [-220/-224] | | 15.3 | 32.1 | 37 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-224/-235] | | | 30 | 30 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-224/-235] | | | (34.5) | (35) | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-224/-235] | | | (31) | (32) | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-255/-262] | | | (34) | (34) | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-255/-262] | | | 33.5 | 34.5 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-279/-298] | | | 33.4 | 33.5 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-298/-308] | | | 32.7 | 34.3 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-319/-365] | | | (32) | 38 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-365/-388] | | | 34.5 | (38.5) | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-365/-388] | | | | (37) | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-365/-388] | | | (34.5) | 35 | | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-385] | | | (38) | | | | | |

| RADIUS | | | | | | | | | | | | |
|------------------------|-----|-------------|-------------------|-------|------------|-------|-------|----|-----|------|------|--|
| Sub-species | Sex | Age (years) | Collection / site | Code | Location | Level | GL | BP | BFp | SD | BD | |
| <i>C. p. hispanica</i> | ♂ | 6 | AMM | 656 | S. Cazorla | | 197.5 | 39 | 36 | 22 | 37.5 | |
| <i>C. p. hispanica</i> | ♂ | 10 | MNCN | 18070 | S. Cazorla | | 196 | 39 | | 20.5 | 36.5 | |
| <i>C. p. hispanica</i> | ♂ | 11 | MNCN | 18073 | S. Cazorla | | 184 | 39 | | 21 | 37 | |
| <i>C. p. hispanica</i> | ♂ | 11 | MNCN | 18075 | S. Cazorla | | 188 | 38 | | 20.2 | 36.5 | |
| <i>C. p. hispanica</i> | ♂ | 8 | MNCN | 18124 | S. Cazorla | | 189.5 | 40 | | 20 | 36 | |
| <i>C. p. hispanica</i> | ♂ | 8 | MNCN | 18127 | S. Cazorla | | 179 | 37 | | 19 | 33.5 | |
| <i>C. p. hispanica</i> | ♂ | 7 | MNCN | 18130 | S. Cazorla | | 190.5 | 37 | | 20.9 | 35 | |

| RADIUS | | | | | | | | | | | |
|-------------------------|-----|-------------|-------------------|-------|------------|-------|-------|------|-----|------|------|
| Sub-species | Sex | Age (years) | Collection / site | Code | Location | Level | GL | BP | BFp | SD | BD |
| <i>C. p. hispanica</i> | ♂ | 7 | MNCN | 18146 | S. Cazorla | | 188 | 39 | | 21.5 | 36 |
| <i>C. p. hispanica</i> | ♂ | 9 | MNCN | 18151 | S. Cazorla | | 200.5 | 40.5 | | 22 | 38 |
| <i>C. p. hispanica</i> | ♂ | 13 | MNCN | 18153 | S. Cazorla | | 190.5 | 40 | | 22.5 | 38.5 |
| <i>C. p. hispanica</i> | ♂ | 13 | MNCN | 18155 | S. Cazorla | | 197 | 39 | | 23 | 38.5 |
| <i>C. p. hispanica</i> | ♂ | 12 | MNCN | 18157 | S. Cazorla | | 182 | 37.5 | | 19 | 35.5 |
| <i>C. p. hispanica</i> | ♀ | 7 | MNCN | 18087 | S. Cazorla | | 161 | 32.8 | | 16.5 | 29.3 |
| <i>C. p. hispanica</i> | ♀ | 5 | MNCN | 18089 | S. Cazorla | | 163.5 | 33.5 | | 17.3 | 30.5 |
| <i>C. p. hispanica</i> | ♀ | 7 | MNCN | 18094 | S. Cazorla | | | 32 | | | 30 |
| <i>C. p. hispanica</i> | ♀ | 6 | MNCN | 18117 | S. Cazorla | | 158 | 35.6 | | 17 | 30 |
| <i>C. p. hispanica</i> | ♀ | 4 | MNCN | 18207 | S. Cazorla | | 150 | 31.8 | | 15 | 28.5 |
| <i>C. p. hispanica</i> | ♀ | 5 | MNCN | 18216 | S. Cazorla | | 155.6 | 32 | | 16.9 | 29 |
| <i>C. p. hispanica</i> | ♀ | 5 | AMM | AL-6 | S. Cazorla | | 165.5 | 33.5 | 32 | 19 | 33 |
| <i>C. p. victorinae</i> | ♂ | 6 | MNCN | 18279 | S. Gredos | | 187.5 | 44 | | 22 | 40 |
| <i>C. p. victorinae</i> | ♂ | 8 | MNCN | 18281 | S. Gredos | | 188.5 | 44 | | 22.6 | 40.5 |
| <i>C. p. victorinae</i> | ♀ | 8 | MNCN | 18184 | S. Gredos | | 168 | 38 | | 19.5 | 35.2 |
| <i>C. p. victorinae</i> | ♀ | 8 | MNCN | 18189 | S. Gredos | | 159 | 36.8 | | 19 | 33.8 |
| <i>C. p. victorinae</i> | ♀ | 6 | MNCN | 18191 | S. Gredos | | 163 | 35.5 | | 18 | 32.5 |
| <i>C. p. victorinae</i> | ♀ | 5 | MNCN | 18197 | S. Gredos | | 155 | 35 | | 18 | 33.5 |
| <i>C. p. victorinae</i> | ♀ | 6 | MNCN | 18201 | S. Gredos | | 158 | 36.5 | | 19 | 34 |
| <i>C. p. victorinae</i> | ♀ | 7 | MNCN | 18222 | S. Gredos | | 154 | 32 | | 16.5 | 32 |
| <i>C. p. victorinae</i> | ♀ | 7 | MNCN | 18237 | S. Gredos | | 148 | 34.5 | | 16.5 | 31 |
| <i>C. p. victorinae</i> | ♀ | 5 | MNCN | 18252 | S. Gredos | | 155 | 35 | | 17.3 | 32 |
| <i>C. p. victorinae</i> | ♀ | 8 | MNCN | 18254 | S. Gredos | | 156.5 | 35 | | 18 | 32 |
| <i>C. p. victorinae</i> | ♀ | 5 | MNCN | 18271 | S. Gredos | | 166 | 36 | | 17.8 | 33 |

| RADIUS | | | | | | | | | | | |
|----------------------------|-----|-------------|-------------------|------------|-------------------|-------------|-------|--------|----------|--------|--------|
| Sub-species | Sex | Age (years) | Collection / site | Code | Location | Level | GL | BP | BFp | SD | BD |
| <i>cf. C. p. pyrenaica</i> | ♂ | | AMM | Cap pyr-15 | Somicdo | | 216.5 | 44.5 | 40.5 | 26 | 44 |
| <i>cf. C. p. pyrenaica</i> | | | Urratxa | URT 1 | Orozko | D | | 41.5 | 40 | | |
| <i>cf. C. p. pyrenaica</i> | ♂ | | Atxuri | ATXU 1 | Mañaria | I | | 41 | 39 | | |
| <i>cf. C. p. pyrenaica</i> | | | Atxuri | ATXU 2 | Mañaria | II | | | | | 38.5 |
| <i>cf. C. p. pyrenaica</i> | ♀ | | Bolinkova | BO 1 | Aradiano | VI | | 36 | | | |
| <i>cf. C. p. pyrenaica</i> | ♂ | | Lumentxa | LU 1 | Lekeitio | VII | | 43 | 40.5 | | |
| <i>cf. C. p. pyrenaica</i> | | | Santimamiñe | SA 1 | Kortezubi | VI | | | | | 30.5 |
| <i>cf. C. p. pyrenaica</i> | ♂ | | Santimamiñe | SA2 | Kortezubi | VII | | 44.5 | 42.5 | | |
| <i>cf. C. p. pyrenaica</i> | ♀ | | Santimamiñe | SA3 | Kortezubi | VIII | | 37 | 35.5 | | |
| <i>cf. C. p. pyrenaica</i> | ♂ | | Urratxa | URR 1 | Orozko | III | | 42.5 | 41 | | |
| | | | Mas Nou | | Ares del Maestrat | I | | (30) | (30) | | (34.5) |
| | | | Cova Fosca | | Ares del Maestrat | [-119] | | (41) | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | 41.5 | 37 | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | (31) | 27.5 | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | | (39.5) | ((35.5)) | | |
| | | | Cova Fosca | 1392 | Ares del Maestrat | [-196/-211] | | 35.1 | | | |
| | | | Cova Fosca | 1294 | Ares del Maestrat | [-196/-211] | | | | | 31.2 |
| | | | Cova Fosca | | Ares del Maestrat | [-196/-211] | | | | | 33 |
| | | | Cova Fosca | 1230 | Ares del Maestrat | [-196/-211] | | | | | 37.3 |
| | | | Cova Fosca | 1421 | Ares del Maestrat | [-196/-211] | | (33.5) | | | |
| | | | Cova Fosca | 1429 | Ares del Maestrat | [-196/-211] | | | | | 30.9 |
| | | | Cova Fosca | 1289 | Ares del Maestrat | [-196/-211] | | (33.5) | | | |
| | | | Cova Fosca | 1145 | Ares del Maestrat | [-196/-211] | | | | 13 | |
| | | | Cova Fosca | 1132 | Ares del Maestrat | [-196/-211] | | | | (17.7) | |

| RADIUS | | | | | | | | | | | |
|-------------|-----|-------------|-------------------|------|-------------------|-------------|----|------|------|----|--------|
| Sub-species | Sex | Age (years) | Collection / site | Code | Location | Level | GL | BP | BFp | SD | BD |
| | | | Cova Fosca | | Ares del Maestrat | [-211/-220] | | 36 | 37.4 | | |
| | | | Cova Fosca | 49 | Ares del Maestrat | [-211/-220] | | 41 | 37 | | |
| | | | Cova Fosca | 263 | Ares del Maestrat | [-211/-220] | | 36.7 | 35 | | |
| | | | Cova Fosca | 487 | Ares del Maestrat | [-211/-220] | | | | | 31.9 |
| | | | Cova Fosca | 927 | Ares del Maestrat | [-211/-220] | | | | | 34 |
| | | | Cova Fosca | 764 | Ares del Maestrat | [-211/-220] | | | | | 30 |
| | | | Cova Fosca | | Ares del Maestrat | [-211/-220] | | | | | 21.3 |
| | | | Cova Fosca | 305 | Ares del Maestrat | [-220/-224] | | | | | 33.5 |
| | | | Cova Fosca | 166 | Ares del Maestrat | [-220/-224] | | (36) | (36) | | |
| | | | Cova Fosca | | Ares del Maestrat | [-220/-224] | | | | | |
| | | | Cova Fosca | 305 | Ares del Maestrat | [-224/-235] | | | | | (30.5) |
| | | | Cova Fosca | | Ares del Maestrat | [-242/-255] | | | | | (42.5) |
| | | | Cova Fosca | | Ares del Maestrat | [-304/-319] | | (43) | (40) | | |

| ULNA | | | | | | | | | | |
|------------------------|-----|-------------|-------------------|------|-------------------|-------------|------|--------|------|------|
| Sub-species | Sex | Age (years) | Collection / site | Code | Location | Level | BPC | DPA | SDO | LO |
| <i>C. p. hispanica</i> | ♂ | 6 | 656 | AMM | S. Cazorla | | 30 | 33.5 | 28.5 | 52 |
| <i>C. p. hispanica</i> | ♀ | 5 | AL-6 | AMM | S. Cazorla | | 24.5 | 29.5 | 24 | 46.5 |
| <i>C. p. pyrenaica</i> | ♂ | 7 | Cap pyr-15 | AMM | Somicdo | | 32.5 | 38.5 | 32 | 57 |
| | | | Cova Fosca | | Ares del Maestrat | 1A | | 30 | | |
| | | | Cova Fosca | | Ares del Maestrat | [-119] | | (30.5) | | |
| | | | Cova Fosca | | Ares del Maestrat | [-120/-130] | 24 | 25 | | |
| | | | Cova Fosca | | Ares del Maestrat | [-111/-126] | 24.5 | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-177/-196] | 26 | | | |

| ULNA | | | | | | | | | | |
|-------------|-----|-------------|-------------------|------|-------------------|-------------|--------|------|-----|----|
| Sub-species | Sex | Age (years) | Collection / site | Code | Location | Level | BPC | DPA | SDO | LO |
| | | | Cova Fosca | 517 | Ares del Maestrat | [-196/-211] | (25.5) | | | |
| | | | Cova Fosca | 1482 | Ares del Maestrat | [-196/-211] | 24 | | | |
| | | | Cova Fosca | 1271 | Ares del Maestrat | [-196/-211] | (22.5) | | | |
| | | | Cova Fosca | 1357 | Ares del Maestrat | [-196/-211] | 23 | | | |
| | | | Cova Fosca | 1464 | Ares del Maestrat | [-196/-211] | 24.5 | | | |
| | | | Cova Fosca | | Ares del Maestrat | [-211/-220] | 24 | | | |
| | | | Cova Fosca | 385 | Ares del Maestrat | [-211/-220] | 24 | | | |
| | | | Cova Fosca | 417 | Ares del Maestrat | [-211/-220] | 19 | | | |
| | | | Cova Fosca | 87 | Ares del Maestrat | [-211/-220] | 22 | | | |
| | | | Cova Fosca | 682 | Ares del Maestrat | [-211/-220] | 19.5 | | | |
| | | | Cova Fosca | 657 | Ares del Maestrat | [-220/-224] | (22.5) | (27) | | |
| | | | Cova Fosca | | Ares del Maestrat | [-262/-275] | (25) | | | |

| METACARPUS | | | | | | | | | | | | | | | | | | | |
|-----------------------|-----|-------------|------|-------------------|-------------------|-------|-------|------|------|------|------|-----------------|------|-----------------|-----------------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | BFD | WC _M | WCL | DE _M | DV _M | DIM | DIL | DVL | DEL |
| <i>C. p. hispania</i> | ♂ | 6 | 656 | AMM | Sierra de Cazorla | | 133 | 31.5 | 20 | 32.8 | 32.5 | 15 | 15 | 11.6 | 19.5 | 16.1 | 16 | 18.9 | 11.4 |
| <i>C. p. hispania</i> | ♂ | 3 | 661 | AMM | Sierra de Cazorla | | 129.4 | 27.8 | 18 | 33.2 | 30.5 | 14 | 13.8 | 11.5 | 18 | 15.3 | 15.3 | 17.5 | 10.9 |
| <i>C. p. hispania</i> | ♂ | 3 | 646 | AMM | Sierra de Cazorla | | 131.1 | 28 | 18 | 31.5 | 29.5 | 13.8 | 13.5 | 11.1 | 18.3 | 15.2 | 15.2 | 17.7 | 11.3 |
| <i>C. p. hispania</i> | ♂ | 10 | 629 | AMM | Sierra de Cazorla | | 130.8 | 30.3 | 21 | 34.3 | 33.5 | 15.1 | 14.9 | 11.5 | 18.9 | 15.5 | 15.2 | 18.2 | 11.1 |
| <i>C. p. hispania</i> | ♂ | 3 | 501 | AMM | Sierra de Cazorla | | 131 | 29.8 | 19.5 | 31.9 | 32 | 14.9 | 14.7 | 11.8 | 19.5 | 15.9 | 15.9 | 18.7 | 10.6 |

| METACARPUS | | | | | | | | | | | | | | | | | | | |
|------------------------|-----|-------------|----------------|-------------------|-------------------|-------|-------|------|------|------|------|-----------------|------------------|-----------------|-----------------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | Brd | WC _M | WCL _M | DE _M | DV _M | DIM | DIL | DVL | DEL |
| <i>C. p. hispanica</i> | ♂ | 6 | 662 | AMM | Sierra de Cazorla | | 127.1 | 29.6 | 19 | 32.8 | 31.6 | 14.5 | 14.4 | 11.5 | 18.5 | 15.5 | 15.3 | 18 | 10.2 |
| <i>C. p. hispanica</i> | ♂ | 10 | J-3 | AMM | Sierra de Cazorla | | 124.2 | 26.7 | 16.8 | 29.4 | 29.8 | 13.9 | 13.4 | 10.2 | 16.4 | 13.6 | 13.6 | 15.9 | 10.7 |
| <i>C. p. hispanica</i> | ♂ | 2 | 624 | AMM | Sierra de Cazorla | | 134 | 29.2 | 18.5 | 32.5 | 30.4 | 1.4 | 13.7 | 11.4 | 18.8 | 15.6 | 15.4 | 18.5 | 10.9 |
| <i>C. p. hispanica</i> | ♂ | 2 | 503 | AMM | Sierra de Cazorla | | 132.7 | 29.3 | 18.5 | 33.7 | 31.4 | 14.4 | 14.1 | 11.4 | 18.5 | 15.4 | 15.3 | 18.8 | 10.3 |
| <i>C. p. hispanica</i> | ♀ | 5 | AL-6 | AMM | Sierra de Cazorla | | 122.8 | 27.4 | 18 | 30.5 | 29 | 13.8 | 13.5 | 10.8 | 17.7 | 14.8 | 14.6 | 17.1 | 9.8 |
| <i>C. p. hispanica</i> | ♀ | 10 | 625 | AMM | Sierra de Cazorla | | 114.6 | 24.8 | 15.5 | 27.3 | 26 | 12.2 | 12.1 | 10.4 | 16.8 | 13.8 | 13.5 | 16.2 | 10.4 |
| <i>C. p. hispanica</i> | ♀ | 12 | 626 | AMM | Sierra de Cazorla | | 120.6 | 27.4 | 17 | 29.6 | 28.3 | 13.2 | 13 | 11 | 18.3 | 14.9 | 15 | 17.5 | 9.6 |
| <i>C. p. hispanica</i> | ♀ | ?? | 736 | AMM | Sierra de Cazorla | | 112.3 | 26.5 | 15.5 | 27.2 | 26.5 | 12.4 | 12.1 | 10.2 | 16.7 | 14.2 | 14.1 | 16.3 | |
| <i>C. p. hispanica</i> | ♀ | 3 | 651 | AMM | Sierra de Cazorla | | 114.9 | 24.9 | 15.4 | 27.1 | 26.2 | 12.1 | 12 | 10.4 | 16.7 | 14 | 14 | 16.1 | 9.9 |
| <i>C. p. hispanica</i> | ♀ | 6 | 635 | AMM | Sierra de Cazorla | | 117.5 | 25.6 | 16 | 28.4 | 26.3 | 12.2 | 12 | 10.5 | 16.7 | 13.9 | 13.9 | 16.1 | 10.4 |
| <i>C. p. hispanica</i> | ♂ | 4-5 | Cap pyr-14 (D) | AMM | Sierra de Cazorla | | 132.7 | 37.9 | 18.5 | 31.5 | 30.5 | 14.1 | 13.9 | 11 | 18.2 | 15 | 15 | 17.8 | 10.5 |
| <i>C. p. hispanica</i> | ♂ | 4-5 | Cap pyr-14 (S) | AMM | Sierra de Cazorla | | 132.4 | 38.1 | 18.3 | 31.6 | 30.4 | 14.1 | 14 | 11 | 18.3 | 15.1 | 15 | 17.8 | 11.5 |
| <i>C. p. pyrenaica</i> | ♂ | 7 | Cap-pyr 15 | AMM | Somiedo | | 147 | 35 | 22.4 | 38.2 | 36.4 | 17 | 17 | 13.3 | 22.7 | 18.2 | 22.2 | 17.7 | 11.7 |

| METACARPUS | | | | | | | | | | | | | | | | | | | |
|------------------------|-----|-------------|-------|-------------------|-------------------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | Bfd | WC M | WCL | DE M | DV M | DIM | DIL | DVL | DEL |
| <i>C. p. hispanica</i> | ♂ | 10 | 18070 | MNCN | Sierra de Cazorla | | 139 | 30 | 21.5 | 32.5 | 30.4 | 14.7 | 14 | 11.7 | 19.2 | 15.9 | 15.8 | 16.6 | 10.7 |
| <i>C. p. hispanica</i> | ♂ | 11 | 18073 | MNCN | Sierra de Cazorla | | 132 | 30 | 18 | 32 | 31.2 | 14.6 | 14.4 | 11.3 | 18.8 | 15.1 | 14.7 | 18.1 | 10.7 |
| <i>C. p. hispanica</i> | ♂ | 11 | 18075 | MNCN | Sierra de Cazorla | | 135 | 29 | 17.5 | 32.5 | 30.6 | 14.1 | 13.7 | 11.1 | 18.4 | 15 | 14.7 | 17.7 | 9 |
| <i>C. p. hispanica</i> | ♀ | 7 | 18087 | MNCN | Sierra de Cazorla | | 118.3 | 24.4 | 15 | 27.5 | 26.8 | 12.4 | 12.1 | 9.7 | 16.1 | 13 | 13 | 15.4 | 10.3 |
| <i>C. p. hispanica</i> | ♀ | 5 | 18089 | MNCN | Sierra de Cazorla | | 121.5 | 26 | 16 | 29 | 28.2 | 13 | 12.5 | 10.8 | 18 | 14.4 | 14.4 | 17.3 | 9.4 |
| <i>C. p. hispanica</i> | ♀ | 7 | 18094 | MNCN | Sierra de Cazorla | | 116 | 24.5 | 15 | 27.5 | 26.4 | 12.5 | 12 | 9.9 | 16.6 | 13.4 | 13.4 | 16.1 | 9.3 |
| <i>C. p. hispanica</i> | ♀ | 4 | 18116 | MNCN | Sierra de Cazorla | | 117.5 | 23.8 | 15 | 26.5 | 26.3 | 12.3 | 11.8 | 9.9 | 16.5 | 13.5 | 13.5 | 16 | 9.4 |
| <i>C. p. hispanica</i> | ♀ | 6 | 18117 | MNCN | Sierra de Cazorla | | 116.5 | 25 | 15 | 27 | 27.3 | 12.5 | 12.4 | 9.9 | 17 | 13.4 | 13.5 | 16.5 | 10.3 |
| <i>C. p. hispanica</i> | ♂ | 8 | 18124 | MNCN | Sierra de Cazorla | | 136 | 29 | 17.5 | 33 | 32.1 | 15.2 | 14.4 | 10.9 | 19 | 15.2 | 15.2 | 18.4 | 10.4 |
| <i>C. p. hispanica</i> | ♂ | 8 | 18127 | MNCN | Sierra de Cazorla | | 130 | 27.5 | 16.5 | 30 | 29.9 | 13.7 | 13.3 | 11.1 | 18 | 14.4 | 14.4 | 17.3 | 11.1 |
| <i>C. p. hispanica</i> | ♂ | 7 | 18130 | MNCN | Sierra de Cazorla | | 133.5 | 29 | 18 | 33 | 32 | 14.4 | 14.2 | 11.6 | 19 | 15.3 | 15.3 | 18.2 | 10.8 |
| <i>C. p. hispanica</i> | ♂ | 7 | 18146 | MNCN | Sierra de Cazorla | | 136 | 28.8 | 18 | 32.3 | 31.4 | 14.7 | 34 | 11.1 | 18.7 | 15.3 | 15.1 | 18.3 | 10.5 |
| <i>C. p. hispanica</i> | ♂ | 5 | 18147 | MNCN | Sierra de Cazorla | | 130.5 | 27 | 16.5 | 30.5 | 30.3 | 14 | 13.6 | 11 | 18 | 14.8 | 14.9 | 17.5 | 11.5 |
| <i>C. p. hispanica</i> | ♂ | 9 | 18151 | MNCN | Sierra de Cazorla | | 140.8 | 30 | 18.9 | 33.5 | 32.1 | 14.6 | 14.5 | 12 | 19.8 | 16.1 | 16 | 19.4 | 11.5 |

| METACARPUS | | | | | | | | | | | | | | | | | | | |
|------------------------|-----|-------------|-----------|-------------------|-------------------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | BIcd | WC M | WCL | DE M | DV M | DIM | DIL | DVL | DEL |
| <i>C. p. hispanica</i> | ♂ | 13 | 18153 | MNCN | Sierra de Cazorla | | 139.5 | 31 | 19 | 33.9 | 32.9 | 15.5 | 15 | 11.7 | 19.4 | 15.8 | 15.8 | 19 | 11.4 |
| <i>C. p. hispanica</i> | ♂ | 13 | 18155 | MNCN | Sierra de Cazorla | | 141.6 | 31 | 20.5 | 34 | 32.9 | 14.9 | 14.7 | 12.1 | 19.7 | 16.3 | 16 | 19 | 10 |
| <i>C. p. hispanica</i> | ♂ | 12 | 18157 | MNCN | Sierra de Cazorla | | 130.5 | 27.5 | 17 | 31 | 30.5 | 14 | 13.7 | 10.3 | 17.6 | 14.1 | 14.1 | 17.2 | 11.1 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18159 (D) | MNCN | Sierra de Gredos | | 124 | 30 | 19.1 | 34.4 | 34.3 | 15.9 | 15.4 | 12.3 | 19.8 | 16 | 15.9 | 19 | 11.1 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18159 (S) | MNCN | Sierra de Gredos | | 123.9 | 30.5 | 19 | 34.1 | 34.3 | 15.9 | 15.4 | 11.8 | 19.8 | 15.9 | 15.8 | 19 | 11.9 |
| <i>C. p. victoriae</i> | ♂ | 5 | 18166 (D) | MNCN | Sierra de Gredos | | 134 | 32 | 20 | 37 | 36.1 | 16.5 | 16.2 | 12.8 | 20.9 | 17.1 | 17 | 20.2 | 11.8 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18170 (D) | MNCN | Sierra de Gredos | | 130 | 31.6 | 19.5 | 35 | 36.9 | 17 | 16.8 | 12 | 20.2 | 16.4 | 16.1 | 19.4 | 11.5 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18170 (S) | MNCN | Sierra de Gredos | | 130.5 | 31.3 | 19.6 | 35.4 | 37.5 | 17.4 | 17 | 12 | 20.4 | 16.5 | 16.4 | 19.8 | 11.7 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18172 (D) | MNCN | Sierra de Gredos | | 131.4 | 32 | 19 | 34 | 34.6 | 16.2 | 15.8 | 12.4 | 20.8 | 16.9 | 16.6 | 19.8 | |
| <i>C. p. victoriae</i> | ♀ | 8 | 18184 | MNCN | Sierra de Gredos | | 126 | 29 | 18 | 33.5 | | | | | | | | | 10.9 |
| <i>C. p. victoriae</i> | ♀ | 8 | 18189 (D) | MNCN | Sierra de Gredos | | 116.5 | 28.5 | 17 | 31.3 | 32.7 | 15.1 | 14.9 | 11.6 | 19.2 | 15.8 | 15.5 | 18.5 | 10.7 |
| <i>C. p. victoriae</i> | ♀ | 6 | 18191 (S) | MNCN | Sierra de Gredos | | 119.5 | 28 | 17 | 30.7 | 31.5 | 14.6 | 14.2 | 11.3 | 19 | 15.3 | 15.2 | 18.3 | 10.2 |
| <i>C. p. victoriae</i> | ♀ | 5 | 18197 (S) | MNCN | Sierra de Gredos | | 113.8 | 28 | 17 | 30 | 31 | 14.4 | 13.9 | 10.6 | 18.6 | 14.9 | 14.9 | 18 | 11 |
| <i>C. p. victoriae</i> | ♀ | 6 | 18201 (S) | MNCN | Sierra de Gredos | | 117.5 | 27.9 | 17 | 31.5 | 31.2 | 14.3 | 13.9 | 11.6 | 18.9 | 15.4 | 15.3 | 18.5 | 9.2 |
| <i>C. p. hispanica</i> | ♀ | 4 | 18207 | MNCN | Sierra de Gredos | | 115.2 | 24 | 14.5 | 25.9 | 26.5 | 12.1 | 11.8 | 9.8 | 16.7 | 13.4 | 13.3 | 16.1 | 10 |
| <i>C. p. hispanica</i> | ♀ | 5 | 18216 | MNCN | Sierra de Gredos | | 120 | 25.3 | 15.5 | 27 | 26.6 | 12.5 | 11.8 | 10.8 | 17.5 | 14.1 | 14 | 16.6 | 9.4 |

| METACARPUS | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----|-------------|------------|-------------------|------------------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | Bfd | WC M | WCL | DE M | DV M | DIM | DIL | DVL | DEL |
| <i>C. p. victoriae</i> | ♀ | 7 | 18222 (S) | MNCN | Sierra de Gredos | | 113 | 26.5 | 15.5 | 27.8 | 28.7 | 13.4 | 13 | 10.1 | 17.1 | 14 | 13.8 | 16.5 | 9 |
| <i>C. p. victoriae</i> | ♀ | 7 | 18237 (S) | MNCN | Sierra de Gredos | | 111.5 | 25 | 15 | 28.4 | 29 | 13.4 | 13 | 9.8 | 17.1 | 13.8 | 13.6 | 16.3 | 10.4 |
| <i>C. p. victoriae</i> | ♀ | 5 | 18252 (D) | MNCN | Sierra de Gredos | | 114 | 26 | 15.5 | 29.7 | 30.5 | 13.9 | 13.7 | 10.8 | 18 | 14.5 | 14.6 | 17.7 | 10.6 |
| <i>C. p. victoriae</i> | ♀ | 8 | 18254 (S) | MNCN | Sierra de Gredos | | 115 | 27.5 | 16.5 | 30 | 30 | 13.7 | 13.6 | 11.1 | 18 | 14.7 | 14.7 | 17.3 | 10.5 |
| <i>C. p. victoriae</i> | ♀ | 5 | 18271 (D) | MNCN | Sierra de Gredos | | 118 | 28 | 17 | 29.7 | 30.5 | 14.1 | 13.7 | 11.3 | 18.7 | 15.5 | 15.5 | 18 | |
| <i>C. p. victoriae</i> | ♂ | 6 | 18279 | MNCN | Sierra de Gredos | | 133 | 34 | 20.8 | 38 | | | | | | | | | 12.8 |
| <i>C. p. victoriae</i> | ♂ | 8 | 18281 (S) | MNCN | Sierra de Gredos | | 129.4 | 34.2 | 20 | 38.2 | 38 | 17.6 | 16.6 | 12.8 | 21.2 | 17.4 | 17.4 | 21.1 | 10.9 |
| <i>C. p. victoriae</i> | ♂ | 8 | Cap pyr-3 | AMM | Sierra de Gredos | | 121.8 | 28.6 | 18.4 | 33.7 | 33.3 | 15.9 | 15.3 | 11.3 | 19 | 15.2 | 15.1 | 18.5 | 11.9 |
| <i>C. p. victoriae</i> | ♂ | 6 | Cap pyr-10 | AMM | Sierra de Gredos | | 143 | 36.1 | 23 | 40.4 | 39.6 | 18 | 17.9 | 12.9 | 22 | 17.8 | 17.8 | 21 | 9.9 |
| <i>C. p. victoriae</i> | ♂ | 4 | Cap pyr-11 | AMM | Sierra de Gredos | | 112.4 | 20.5 | 16.6 | 28.7 | 28 | 13.3 | 13.3 | 9.5 | 17 | 13.5 | 13.8 | 16.5 | |
| cf. <i>C. p. pyrenaica</i> | ♂ | | ATX 1 | Atxuri | Mañaria | I-IV | | | | 28 | | | | | | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂ | | BO 2 | Bolinkoba | Aradiano | III | | | | 43.5 | | | | | | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂ | | BO 3 | Bolinkoba | Aradiano | IV | | | | 41 | | | | | | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀ | | BO 5 | Bolinkoba | Aradiano | V | | | | 33 | | | | | | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂ | | LUM 1 | Lumentxa | Lekeitio | IV | 156.5 | | | 46 | | | | | | | | | |
| cf. <i>C. p. pyrenaica</i> | ♀ | | LUM 2 | Lumentxa | Lekeitio | III | | | | 35 | | | | | | | | | |

| METACARPUS | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----|-------------|-------|-------------------|-------------|-------|----|----|----|------|------|------|-----|------|------|-----|-----|-----|-----|--|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | BIcd | WC M | WCL | DE M | DV M | DIM | DIL | DVL | DEL | |
| cf. <i>C.p. pyrenaica</i> | ♀ | | OYA 1 | Oyalkoba | Abadiño | | | | | 34 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-1 | Rascaño | Mirones | | | | | 31.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-16 | Rascaño | Mirones | | | | | 36.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-2 | Rascaño | Mirones | | | | | 32 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-24 | Rascaño | Mirones | | | | | 39 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-25 | Rascaño | Mirones | | | | | 39 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-26 | Rascaño | Mirones | | | | | 39.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-27 | Rascaño | Mirones | | | | | 39.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-3 | Rascaño | Mirones | | | | | 32 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-30 | Rascaño | Mirones | | | | | 40 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-31 | Rascaño | Mirones | | | | | 40 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-32 | Rascaño | Mirones | | | | | 40.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-4 | Rascaño | Mirones | | | | | 32 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-10 | Tito Bustillo | Ribadesella | | | | | 34 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-17 | Tito Bustillo | Ribadesella | | | | | 37.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-18 | Arenaza | Galdames | | | | | 38 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-19 | Arenaza | Galdames | | | | | 38 | | | | | | | | | | |

| METACARPUS | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----|-------------|-------|-------------------|-----------|-------|-------|------|----|------|-----|------|-----|------|------|-----|-----|-----|-----|--|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | Bfd | WC M | WCL | DE M | DV M | DIM | DIL | DVL | DEL | |
| cf. <i>C.p. pyrenaica</i> | | | P-20 | Arenaza | Galdames | | | | | 38.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-33 | Arenaza | Galdames | | | | | 41 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-5 | Arenaza | Galdames | | | | | 33 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-6 | Arenaza | Galdames | | | | | 33 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-7 | Arenaza | Galdames | | | | | 33 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | P-9 | Arenaza | Galdames | | | | | 33.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | SA 1 | Santimami ñe | Kortezubi | VI | | | | 34 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | SA 2 | Santimami ñe | Kortezubi | VI | | | | 35 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | SA 3 | Santimami ñe | Kortezubi | VII | | | | 41 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | SA 4 | Santimami ñe | Kortezubi | VIII | | | | 30.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | SA 5 | Santimami ñe | Kortezubi | V | | | | 36 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | ♀ | | URR 1 | Urratxa | Orozko | III | 123.5 | | | 29.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | ♀ | | URR 2 | Urratxa | Orozko | III | | | | 29.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | ♀ | | URR 3 | Urratxa | Orozko | III | | | | 28.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URR 7 | Urratxa | Orozko | III | | | | 39.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URR 8 | Urratxa | Orozko | III | | | | 38 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 1 | Urriaga | Deba | D | 145 | 35.1 | | 39 | | | | | | | | | | |

| METACARPUS | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----|-------------|--------|-------------------|-------------------|-------------|----|----|----|--------|--------|------|-----|------|------|------|------|------|------|--|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | Bfd | WC M | WCL | DE M | DV M | DIM | DIL | DVL | DEL | |
| cf. <i>C.p. pyrenaica</i> | | | URT 10 | Urriaga | Deba | D | | | | 39.8 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 11 | Urriaga | Deba | D | | | | 40 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 12 | Urriaga | Deba | D | | | | 41.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 13 | Urriaga | Deba | F | | | | 41.7 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 2 | Urriaga | Deba | D | | | | 33 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 3 | Urriaga | Deba | D | | | | 34 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 4 | Urriaga | Deba | D | | | | 34.2 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 5 | Urriaga | Deba | D | | | | 34.3 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 6 | Urriaga | Deba | D | | | | 34.5 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | ♂ | | URT 7 | Urriaga | Deba | D | | | | 36 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | ♂ | | URT 8 | Urriaga | Deba | D | | | | 38.8 | | | | | | | | | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 9 | Urriaga | Deba | D | | | | 39 | | | | | | | | | | |
| | | | 133 | Cova Fosca | Ares del Maestrat | [-120] | | | | (30.5) | | | | | | | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-125/-143] | | | | (27.7) | (26.0) | | | | | | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | | | | | 28.8 | 13.3 | 13 | 10.3 | 16.6 | 14.1 | 13.8 | 16 | 9.8 | |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | | | | | 30.2 | 14.5 | 14 | 12 | 18.7 | 16.4 | 15.8 | 18.1 | 11.7 | |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | | | | | 31.4 | | | | | | | | | |

| METACARPUS | | | | | | | | | | | | | | | | | | | | |
|-------------|-----|-------------|------|-------------------|-------------------|-------------|-------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--------|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | BFD | WC M | WCL | DE M | DV M | DIM | DIL | DVL | DEL | |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | | (29.5) | | | | | | | | | | | | |
| | | | 765 | Cova Fosca | Ares del Maestrat | [-177/-196] | | (26.5) | | | | | | | | | | | | |
| | | | 800 | Cova Fosca | Ares del Maestrat | [-177/-196] | | | (29) | | 29.7 | 13.7 | 13.2 | 11.1 | 17.6 | 14.8 | 14.7 | | | 10.5 |
| | | | 1088 | Cova Fosca | Ares del Maestrat | [-177/-196] | | | (34) | | | | | | | | | | | |
| | | | 1283 | Cova Fosca | Ares del Maestrat | [-177/-196] | | | (28.8) | | (28.6) | 13.1 | 12.8 | 10 | (15.7) | (15.3) | 13.8 | 13.8 | | 10 |
| | | | 1410 | Cova Fosca | Ares del Maestrat | [-177/-196] | | | | 34.9 | (34.5) | (15.5) | (14.8) | (12.4) | | | | | | (12.4) |
| | | | | Cova Fosca | Ares del Maestrat | [-196/-211] | | | | 28.6 | (27.8) | (13) | (13) | (10.9) | | | | | | (10) |
| | | | 1235 | Cova Fosca | Ares del Maestrat | [-196/-211] | | | | | 27.5 | 13 | 12.2 | 10.7 | 17 | 14.3 | 14.6 | 16.9 | | 10.5 |
| | | | 185 | Cova Fosca | Ares del Maestrat | [-196/-211] | | | (34.8) | | 34.6 | 16.6 | 15.9 | 12 | (20.3) | 16.9 | 16.5 | (19.6) | | 11.7 |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | 29.7 | (28.3) | | 13.8 | | | 15.5 | 15.5 | 18 | | 10.6 |
| | | | 707 | Cova Fosca | Ares del Maestrat | [-211/-220] | | | (30.3) | | 30.3 | 13.5 | 13.5 | 11 | 18.1 | 14.9 | 14.7 | (17.3) | | (11.4) |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | (33) | | (32) | (14.9) | (14.1) | (11.8) | (19.1) | (15.5) | (15.9) | (18.7) | | (10.7) |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | (30) | | 28.1 | 13.3 | 13.1 | 11.1 | 16.4 | 14.7 | 14.7 | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | (124) | | | | | | | | | | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | (25) | | | | | | | | | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | 30 | | | | | | | | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | 30 | | | | | | | | | | | |

| METACARPUS | | | | | | | | | | | | | | | | | | | | |
|-------------|-----|-------------|------|-------------------|-------------------|-------------|----|------|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | Bfd | WC M | WCL | DE M | DV M | DIM | DIL | DVL | DEL | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | 26.5 | | | | | | | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | 27.5 | 26.8 | 12.4 | 12.4 | 11.1 | 17.7 | 14.9 | 14.9 | 17.7 | 10.9 | |
| | | | | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | 31.7 | 31.2 | 15.1 | 14.4 | 12.1 | 16.8 | 16.7 | 16.2 | 17.5 | 11.9 | |
| | | | | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | 27.4 | 26.7 | 12.7 | 12.4 | 10.3 | 16.9 | 14.1 | 14.3 | 16.8 | 9.9 | |
| | | | 309 | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | 27.2 | 27 | 11.8 | 11.8 | 9.2 | 16 | 13.9 | 13.3 | 16 | 9.2 | |
| | | | | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | 30 | 30.3 | 14 | 13.8 | 11.2 | 17 | 15.4 | 15.3 | 16.4 | 11.4 | |
| | | | 100 | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | | | | | | | | 15.1 | (15.9) | 11.3 | |
| | | | 389 | Cova Fosca | Ares del Maestrat | [-224/-235] | | | | 29.2 | 28.9 | 13.2 | 13 | 10.2 | (18.4) | 15 | 14.9 | (17.8) | 10.7 | |
| | | | 584 | Cova Fosca | Ares del Maestrat | [-235/-242] | | | | 29.5 | 29.6 | 14 | 13.3 | 10.9 | | (15) | (14.9) | | 10.7 | |
| | | | 84 | Cova Fosca | Ares del Maestrat | [-235/-242] | | | | | (30) | 13.8 | 13.8 | 11.4 | | | | | 11.3 | |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | | | | 29.7 | (31.2) | (14.2) | (13.8) | (11.5) | (18.6) | (15.4) | (15.4) | (17.7) | (10.8) | |
| | | | 36 | Cova Fosca | Ares del Maestrat | [-255/-262] | | (28) | | | | | | | | | | | 11.8 | |
| | | | 53 | Cova Fosca | Ares del Maestrat | [-279/-298] | | | | 34.1 | 33.3 | 15 | 14.6 | 12.5 | (19.3) | 16.3 | 15.9 | (18.1) | (11.3) | |
| | | | 36 | Cova Fosca | Ares del Maestrat | [-279/-298] | | | | (24.5) | (25.5) | (11.4) | (11) | (9.9) | (14.7) | (13.4) | (13) | (16.1) | 10 | |
| | | | 46 | Cova Fosca | Ares del Maestrat | [-298/-308] | | | | 26.9 | 27 | 12.2 | 11.8 | 10.4 | (16.5) | (14.4) | 13.6 | 16.1 | (10.9) | |
| | | | | Cova Fosca | Ares del Maestrat | [-298/-308] | | | | 26.8 | 26.4 | 11.8 | 11.1 | 10.9 | 18 | 14.9 | 15 | 17.9 | 11.4 | |
| | | | | Mas Nou | Ares del Maestrat | 1 | | | | (35) | | | | | | | | | | |

| METACARPUS | | | | | | | | | | | | | | | | | | | | |
|-------------|-----|-------------|------|-------------------|-------------------|-------|----|----|----|--------|-----|----|-----|----|----|-----|-----|-----|-----|--|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | BP | SD | BD | Brd | WC | WCL | DE | DV | DIM | DIL | DVL | DEL | |
| | | | | Mas Nou | Ares del Maestrat | 1 | | | | (26) | | | | | | | | | | |
| | | | | Mas Nou | Ares del Maestrat | 1 | | | | (34.5) | | | | | | | | | | |

| PELVIS | | | | | | | | | | | | |
|----------------------------|-----|-------------|------------|-------------------|-------------------|-------------|------|--------|--|--|--|--|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | SH | LA | | | | |
| <i>C. p. hispanica</i> | ♂ | 6 | 656 | AMM | S. Cazorla | | 19.4 | 31 | | | | |
| <i>C. p. hispanica</i> | ♀ | 5 | AL-6 | AMM | S. Cazorla | | 17 | 27.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂ | 7 | Cap-pyr 15 | AMM | Somiedo | | 22.4 | 34 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | | (29) | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | | (35) | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 17 | 31 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 21 | 33 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 19 | | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 18.5 | | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 19 | 28 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 19 | 29 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 15 | | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-220/-224] | | 27 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-220/-224] | | 25.8 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-262/-275] | | (30) | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-298/-308] | | (29.2) | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-298/-308] | | (32) | | | | |

| FEMUR | | | | | | | | | | | | |
|----------------------------|-----|-------------|------------|-------------------|-------------------|-------------|-------|------|-------|--------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | GL | Bp | Ac | DC | SD | Bd |
| <i>C. p. hispanica</i> | ♂ | 6 | 656 | AMM | S. Cazorla | | 234 | 55.5 | 27.5 | 25.5 | 22 | 48 |
| <i>C. p. hispanica</i> | ♀ | 5 | AL-6 | AMM | S. Cazorla | | 198.5 | 47.5 | 23.3 | 23.5 | 18 | 39 |
| <i>cf. C. p. pyrenaica</i> | ♂ | 7 | Cap-pyr 15 | AMM | Somico | | 253 | 64 | 30 | 30.5 | 24 | 53 |
| | | | | Cova Fosca | Ares del Maestrat | [-119] | | | | 26.5 | | |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | | | | 24 | | |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | | | | (22) | | |
| | | | | Cova Fosca | Ares del Maestrat | [-196/-211] | | | 18.73 | 26 | | |
| | | | | Cova Fosca | Ares del Maestrat | [-196/-211] | | | 14 | 24 | | |
| | | | | Cova Fosca | Ares del Maestrat | [-196/-211] | | | 16 | 22 | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | | 19.5 | 38.5 |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | 23.5 | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | (22.5) | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | (21.5) | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | 26 | | |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | | | | (26.5) | | |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | | | | | | 47 |
| | | | | Cova Fosca | Ares del Maestrat | [-298/-308] | | | 23 | 22.4 | | |
| | | | | Cova Fosca | Ares del Maestrat | [-262/-275] | | | | 26 | | |
| | | | | Mas Nou | Ares del Maestrat | 1 | | | | (23) | | |
| | | | | Mas Nou | Ares del Maestrat | 1 | | | | (22.5) | | |
| | | | | Mas Nou | Ares del Maestrat | 1 | | | | (23) | | |
| | | | | Mas Nou | Ares del Maestrat | 1 | | | | (21) | | |
| | | | | Mas Nou | Ares del Maestrat | 1 | | | | (23.5) | | |
| | | | | Mas Nou | Ares del Maestrat | 1A | | | | (26.5) | | |
| | | | | Mas Nou | Ares del Maestrat | 1A | | | | | | 35 |
| | | | | Mas Nou | Ares del Maestrat | 1B | | | | (26.5) | | |

| TTBIA | | | | | | | | | | | |
|-------------------------|-----|-------------|-------|-------------------|------------|-------|------|-------|------|------|----|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | Bd | GL | Bp | SD | Dd |
| <i>C. p. hispanica</i> | ♂ | 6 | 656 | AMM | S. Cazorta | | 32 | 271.5 | 51.5 | 20 | |
| <i>C. p. hispanica</i> | ♀ | 5 | AI-6 | AMM | S. Cazorta | | 28 | 238.5 | 45.5 | 17 | |
| <i>C. p. hispanica</i> | ♂ | 10 | 18070 | MNCN | S. Cazorta | | 31 | 272 | 50.5 | 18 | |
| <i>C. p. hispanica</i> | ♂ | 11 | 18073 | MNCN | S. Cazorta | | 30.5 | 261 | 51 | 19 | |
| <i>C. p. hispanica</i> | ♂ | 11 | 18075 | MNCN | S. Cazorta | | 31.5 | 267 | 50 | 17.5 | |
| <i>C. p. hispanica</i> | ♂ | 11 | 18124 | MNCN | S. Cazorta | | 30.5 | 270 | 50.5 | 19.5 | |
| <i>C. p. hispanica</i> | ♂ | 8 | 18130 | MNCN | S. Cazorta | | 30.8 | 269 | 50 | 18.2 | |
| <i>C. p. hispanica</i> | ♂ | 7 | 18146 | MNCN | S. Cazorta | | 31.5 | 267 | 52 | 19 | |
| <i>C. p. hispanica</i> | ♂ | 7 | 18151 | MNCN | S. Cazorta | | 31.5 | 273.8 | 53 | 20 | |
| <i>C. p. hispanica</i> | ♂ | 5 | 18153 | MNCN | S. Cazorta | | 32.5 | 271 | 52 | 20 | |
| <i>C. p. hispanica</i> | ♂ | 9 | 18155 | MNCN | S. Cazorta | | 32 | 273 | 54 | 20.5 | |
| <i>C. p. hispanica</i> | ♂ | 13 | 18157 | MNCN | S. Cazorta | | 28.7 | 254 | 48.5 | 18 | |
| <i>C. p. victorinae</i> | ♂ | 8 | 18281 | MNCN | S. Gredos | | 33 | 278.5 | 55 | 18.5 | |
| <i>C. p. hispanica</i> | ♀ | 7 | 18087 | MNCN | S. Cazorta | | 25.5 | 229.1 | 42 | 15.5 | |
| <i>C. p. hispanica</i> | ♀ | 5 | 18089 | MNCN | S. Cazorta | | 27 | 232 | 44 | 16.5 | |
| <i>C. p. hispanica</i> | ♀ | 7 | 18094 | MNCN | S. Cazorta | | 26.5 | 220 | 42.8 | 15.3 | |
| <i>C. p. hispanica</i> | ♀ | 6 | 18117 | MNCN | S. Cazorta | | 27 | 228.5 | 43.9 | 15.5 | |
| <i>C. p. hispanica</i> | ♀ | 4 | 18207 | MNCN | S. Cazorta | | 25 | 215 | 41.5 | 15 | |
| <i>C. p. hispanica</i> | ♀ | 5 | 18216 | MNCN | S. Cazorta | | 26.5 | 224 | 43 | 16 | |
| <i>C. p. hispanica</i> | ♀ | 7 | 18222 | MNCN | S. Cazorta | | 26.7 | 231 | 45.5 | 15 | |
| <i>C. p. victorinae</i> | ♀ | 8 | 18184 | MNCN | S. Gredos | | 31 | 248 | 50 | 18 | |
| <i>C. p. victorinae</i> | ♀ | 8 | 18189 | MNCN | S. Gredos | | 28 | 233.5 | 49 | 16.5 | |
| <i>C. p. victorinae</i> | ♀ | 6 | 18191 | MNCN | S. Gredos | | 28.2 | 239.5 | 47 | 16.5 | |
| <i>C. p. victorinae</i> | ♀ | 5 | 18197 | MNCN | S. Gredos | | 28 | 230 | 46 | 17.2 | |

| TIBIA | | | | | | | | | | | |
|----------------------------|-----|-------------|------------|-------------------|-----------|-------|------|-------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | Bd | GL | Bp | SD | Dd |
| <i>C. p. victorinae</i> | ♀ | 6 | 18201 | MNCN | S. Gredos | | 28.7 | 232 | 48 | 17 | |
| <i>C. p. victorinae</i> | ♀ | 7 | 18237 | MNCN | S. Gredos | | 26 | 220.5 | 43.5 | 14.6 | |
| <i>C. p. victorinae</i> | ♀ | 5 | 18252 | MNCN | S. Gredos | | 28 | 229 | 47 | 15.5 | |
| <i>C. p. victorinae</i> | ♀ | 8 | 18254 | MNCN | S. Gredos | | 29 | 230.5 | 46.8 | 17 | |
| <i>C. p. victorinae</i> | ♀ | 5 | 18271 | MNCN | S. Gredos | | 28.5 | 239 | 47.5 | 17.5 | |
| cf. <i>C. p. pyrenaica</i> | ♂ | 7 | Cap-pyr 15 | AMM | Somicedo | | 37 | 302.5 | 59 | 23.5 | |
| cf. <i>C. p. pyrenaica</i> | ♀ | | ATX 1 | Axuri | Mañaria | I-IV | 34.5 | | | | 28.5 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | ATX 2 | Axuri | Mañaria | IV | 35 | | | | 29.5 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | ATX 3 | Axuri | Mañaria | V-VII | 35 | | | | 26.5 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | LUM 1 | Lumentxa | Leketio | V-VII | 29.5 | | | | 22 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | LUM 2 | Lumentxa | Leketio | V-VII | 29 | | | | 22 |
| cf. <i>C. p. pyrenaica</i> | | | SA 1 | Santimamiñe | Kortezubi | II | 34 | | | | |
| cf. <i>C. p. pyrenaica</i> | ♂ | | SA 2 | Santimamiñe | Kortezubi | VI | 38.5 | | | | |
| cf. <i>C. p. pyrenaica</i> | | | SA 3 | Santimamiñe | Kortezubi | VII | 33.5 | | 45.5 | | |
| cf. <i>C. p. pyrenaica</i> | | | URR 1 | Urratxa | Orozko | III | | | 42.5 | | |
| cf. <i>C. p. pyrenaica</i> | | | URR 2 | Urratxa | Orozko | III | | | 47.5 | | |
| cf. <i>C. p. pyrenaica</i> | ♂ | | URR 3 | Urratxa | Orozko | III | 36 | | | | 27 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | URR 4 | Urratxa | Orozko | III | 32.5 | | | | 26 |
| cf. <i>C. p. pyrenaica</i> | ♂ | | URR 5 | Urratxa | Orozko | III | 34 | | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | URR 6 | Urratxa | Orozko | III | 31.5 | | | | 24.5 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | URR 7 | Urratxa | Orozko | III | 30 | | | | 24.5 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | URR 8 | Urratxa | Orozko | III | 30.5 | | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | URR 9 | Urratxa | Orozko | III | 30 | | | | 23 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | URR 10 | Urratxa | Orozko | III | 29 | | | | 21 |
| cf. <i>C. p. pyrenaica</i> | ♀ | | URR 11 | Urratxa | Orozko | III | 30.5 | | | | 21 |

| TIBBIA | | | | | | | | | | | |
|-------------|-----|-------------|------|-------------------|-------------------|-------------|--------|----|--------|----|----|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | Bd | GL | Bp | SD | Dd |
| | | | | Cova Fosca | Ares del Maestrat | [-111/-126] | 33.6 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-111/-126] | (26.6) | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-120/-130] | (32) | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-125/-142] | 30.5 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-150/-170] | 31 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | 30 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | (28) | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | 25 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | 32 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-196/-211] | 29 | | | | |
| | | | 1069 | Cova Fosca | Ares del Maestrat | [-196/-211] | 29.5 | | | | |
| | | | 738 | Cova Fosca | Ares del Maestrat | [-196/-211] | 29.5 | | | | |
| | | | 902 | Cova Fosca | Ares del Maestrat | [-196/-211] | 28 | | | | |
| | | | 1461 | Cova Fosca | Ares del Maestrat | [-196/-211] | 28 | | | | |
| | | | 819 | Cova Fosca | Ares del Maestrat | [-196/-211] | 29.4 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 34 | | | | |
| | | | 405 | Cova Fosca | Ares del Maestrat | [-211/-220] | 32.5 | | (20.5) | | |
| | | | 440 | Cova Fosca | Ares del Maestrat | [-211/-220] | 32 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 30 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 27 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 27.5 | | | | |
| | | | 332 | Cova Fosca | Ares del Maestrat | [-211/-220] | (28) | | | | |
| | | | 53 | Cova Fosca | Ares del Maestrat | [-211/-220] | 28.5 | | | | |
| | | | 273 | Cova Fosca | Ares del Maestrat | [-211/-220] | 28 | | | | |
| | | | 899 | Cova Fosca | Ares del Maestrat | [-211/-220] | 28 | | | | |

| TIBIA | | | | | | | | | | | |
|-------------|-----|-------------|------|-------------------|-------------------|-------------|--------|--------|----|----|----|
| Sub-species | Sex | Age (years) | Code | Collection / site | Location | Level | Bd | GL | Bp | SD | Dd |
| | | | 577 | Cova Fosca | Ares del Maestrat | [-211/-220] | 29 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 25.5 | | | | |
| | | | 777 | Cova Fosca | Ares del Maestrat | [-211/-220] | (30) | (52.5) | | | |
| | | | 255 | Cova Fosca | Ares del Maestrat | [-220/-224] | (30.5) | | | | |
| | | | 382 | Cova Fosca | Ares del Maestrat | [-220/-224] | 29.5 | | | | |
| | | | 653 | Cova Fosca | Ares del Maestrat | [-220/-224] | 29 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-224/-235] | 32.4 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-224/-235] | 28.5 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | (29) | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | (29.5) | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | (32.5) | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-255/-262] | 28.1 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-255/-262] | 30 | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-304/-319] | 30 | | | | |

| ASTRAGALUS | | | | | | | | | | |
|------------------------|-----|-------------|-------|-------------------|------------|-------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection / Site | Location | Level | GLI | GLm | DI | Bd |
| <i>C. p. hispanica</i> | ♂ | 10 | 18070 | MNCN | S. Cazorla | | 33.5 | 32 | 18 | 21.5 |
| <i>C. p. hispanica</i> | ♂ | 11 | 18073 | MNCN | S. Cazorla | | 33 | 32 | 18.5 | 21.5 |
| <i>C. p. hispanica</i> | ♂ | 11 | 18075 | MNCN | S. Cazorla | | 32.5 | 31 | 17.8 | 21 |
| <i>C. p. hispanica</i> | ♂ | 11 | 18124 | MNCN | S. Cazorla | | 34.5 | 32.6 | 18.5 | 21.5 |
| <i>C. p. hispanica</i> | ♂ | 8 | 18127 | MNCN | S. Cazorla | | 32 | 30 | 17.5 | 20 |
| <i>C. p. hispanica</i> | ♂ | 8 | 18130 | MNCN | S. Cazorla | | 32.8 | 31.5 | 18 | 22 |
| <i>C. p. hispanica</i> | ♂ | 7 | 18147 | MNCN | S. Cazorla | | 33 | 31.2 | 18 | 20 |
| <i>C. p. hispanica</i> | ♂ | 8 | 18151 | MNCN | S. Cazorla | | 34 | 32 | 19 | 21.8 |

| ASTRAGALUS | | | | | | | | | | |
|-------------------------|-----|-------------|-------|------------------|------------|-------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| <i>C. p. hispanica</i> | ♂ | 5 | 18153 | MNCN | S. Cazorla | | 34 | 32.2 | 19 | 22 |
| <i>C. p. hispanica</i> | ♂ | 9 | 18155 | MNCN | S. Cazorla | | 34.5 | 32.5 | 18.5 | 23 |
| <i>C. p. hispanica</i> | ♂ | 13 | 18157 | MNCN | S. Cazorla | | 31 | 30 | 17 | 20 |
| <i>C. p. victorinae</i> | ♂ | 12 | 18159 | MNCN | S. Gredos | | 34 | 32.2 | 19 | 23.2 |
| <i>C. p. victorinae</i> | ♂ | 6 | 18163 | MNCN | S. Gredos | | 34 | 31.3 | 18 | 21.9 |
| <i>C. p. victorinae</i> | ♂ | 4 | 18166 | MNCN | S. Gredos | | 36 | 33.5 | 19 | 23 |
| <i>C. p. victorinae</i> | ♂ | 5 | 18170 | MNCN | S. Gredos | | 35 | 33.5 | 19.8 | 23.5 |
| <i>C. p. victorinae</i> | ♂ | 6 | 18172 | MNCN | S. Gredos | | 35.5 | 33 | 19 | 22.5 |
| <i>C. p. victorinae</i> | ♂ | 6 | 18174 | MNCN | S. Gredos | | 34 | 31.2 | 18.5 | 21 |
| <i>C. p. victorinae</i> | ♂ | 4 | 18233 | MNCN | S. Gredos | | 32.6 | 31.6 | 18.6 | 22.8 |
| <i>C. p. victorinae</i> | ♂ | 2 | 18240 | MNCN | S. Gredos | | 32.5 | 30.7 | 18.4 | 21.2 |
| <i>C. p. victorinae</i> | ♂ | 3 | 18246 | MNCN | S. Gredos | | 34.9 | 32.1 | 19.4 | 23 |
| <i>C. p. victorinae</i> | ♂ | 2 | 18248 | MNCN | S. Gredos | | 33 | 30.5 | 18.2 | 22 |
| <i>C. p. victorinae</i> | ♂ | 6 | 18279 | MNCN | S. Gredos | | 36 | 33 | 20 | 24.5 |
| <i>C. p. victorinae</i> | ♂ | 8 | 18281 | MNCN | S. Gredos | | 36 | 33 | 20.5 | 24.5 |
| <i>C. p. hispanica</i> | ♀ | 7 | 18087 | MNCN | S. Cazorla | | 27.3 | 27 | 15 | 18.5 |
| <i>C. p. hispanica</i> | ♀ | 5 | 18089 | MNCN | S. Cazorla | | 32 | 3 | 17.5 | 19.5 |
| <i>C. p. hispanica</i> | ♀ | 7 | 18094 | MNCN | S. Cazorla | | 30.5 | 29 | 16.5 | 18.5 |
| <i>C. p. hispanica</i> | ♀ | 4 | 18116 | MNCN | S. Cazorla | | 30 | 29 | 15.7 | 19 |
| <i>C. p. hispanica</i> | ♀ | 4 | 18207 | MNCN | S. Cazorla | | 30 | 28 | 15 | 19 |
| <i>C. p. hispanica</i> | ♀ | 5 | 18216 | MNCN | S. Cazorla | | 31 | 30.3 | 16.8 | 19 |
| <i>C. p. victorinae</i> | ♀ | 8 | 18184 | MNCN | S. Gredos | | 34.5 | 32 | 18.6 | 22 |
| <i>C. p. victorinae</i> | ♀ | 6 | 18191 | MNCN | S. Gredos | | 33 | 31 | 18 | 21 |
| <i>C. p. victorinae</i> | ♀ | 2 | 18195 | MNCN | S. Gredos | | 30 | 27.5 | 16.5 | 19.8 |
| <i>C. p. victorinae</i> | ♀ | 5 | 18197 | MNCN | S. Gredos | | 33 | 31 | 17.9 | 21 |
| <i>C. p. victorinae</i> | ♀ | 6 | 18201 | MNCN | S. Gredos | | 31.9 | 30 | 19 | 21.5 |
| <i>C. p. victorinae</i> | ♀ | 7 | 18222 | MNCN | S. Gredos | | 31 | 28.5 | 17 | 19.7 |
| <i>C. p. victorinae</i> | ♀ | 3 | 18230 | MNCN | S. Gredos | | 31.5 | 29.4 | 17.8 | 20.3 |
| <i>C. p. victorinae</i> | ♀ | 7 | 18237 | MNCN | S. Gredos | | 31 | 30.7 | 18.4 | 19.5 |
| <i>C. p. victorinae</i> | ♀ | 3 | 18244 | MNCN | S. Gredos | | 33.9 | 31.9 | 18.6 | 21.2 |

| ASTRAGALUS | | | | | | | | | | |
|----------------------------|-----|-------------|------------|------------------|------------|--------------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| <i>C. p. victorinae</i> | ♀ | 5 | 18252 | MNCN | S. Gredos | | 31 | 29 | 17 | 20 |
| <i>C. p. victorinae</i> | ♀ | 2 | 18253 | MNCN | S. Gredos | | 29.9 | 28.1 | 17.1 | 18.9 |
| <i>C. p. victorinae</i> | ♀ | 8 | 18254 | MNCN | S. Gredos | | 31.5 | 29 | 17 | 20.5 |
| <i>C. p. victorinae</i> | ♀ | 5 | 18271 | MNCN | S. Gredos | | 34 | 31 | 18 | 21 |
| <i>C. p. hispanica</i> | ♂ | 6 | 656 | AMM | S. Cazorla | | 34.5 | 32.5 | 24 | 23.2 |
| <i>C. p. hispanica</i> | ♀ | 5 | AI-6 | AMM | S. Cazorla | | 31.5 | 31 | 22.4 | 20.5 |
| cf. <i>C. p. pyrenaica</i> | ♂ | 7 | Cap-pyr 15 | AMM | Somiedo | | 37.3 | 34.7 | 28.5 | 24.5 |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 1 | Atxuri | Mañaria | Atxuri I | 37.5 | 38.5 | 21.5 | 24 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | ATXU 2 | Atxuri | Mañaria | Atxuri I | 39 | 37 | 21.5 | 24.5 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | ATXU 3 | Atxuri | Mañaria | Atxuri II | 38 | 35 | 22 | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 4 | Atxuri | Mañaria | Atxuri II | | 36.5 | | |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 5 | Atxuri | Mañaria | Atxuri II | 36.5 | 34.5 | 20 | 24 |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 6 | Atxuri | Mañaria | Atxuri III | | 32.5 | 19.3 | 24.5 |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 7 | Atxuri | Mañaria | Atxuri I-IV | 39 | 36.5 | 21 | 26 |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 8 | Atxuri | Mañaria | Atxuri I-IV | 37 | 33.5 | 19.6 | 23.5 |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 9 | Atxuri | Mañaria | Atxuri I-IV | 35.5 | 33.5 | 19.3 | 23 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | ATXU10 | Atxuri | Mañaria | Atxuri V-VII | 41.5 | 38.5 | 23.5 | 29 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | ATXU 11 | Atxuri | Mañaria | Atxuri V-VII | 35 | 33 | | 22 |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 12 | Atxuri | Mañaria | Atxuri V-VII | | 32.5 | | 22.5 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | ATXU 13 | Atxuri | Mañaria | Atxuri V-VII | 41.5 | 38.5 | 23 | 28 |
| cf. <i>C. p. pyrenaica</i> | | | ATXURI 14 | Atxuri | Mañaria | Atxuri V-VII | 37.5 | 35 | 20 | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | ATXURI 15 | Atxuri | Mañaria | Atxuri V-VII | 39.5 | 33 | 22 | 25 |
| cf. <i>C. p. pyrenaica</i> | | | ATXURI 16 | Atxuri | Mañaria | Atxuri V-VII | 35 | 32.5 | 19.1 | 23.5 |
| cf. <i>C. p. pyrenaica</i> | | | ATXURI 17 | Atxuri | Mañaria | Atxuri V-VII | | 30.5 | | |
| cf. <i>C. p. pyrenaica</i> | ♂? | | BOLIN 1 | Bolinkova | Aradiano | I-III | 38.5 | 34.5 | 21 | 26.5 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 2 | Bolinkova | Aradiano | I-III | 34.5 | 31.5 | 18.2 | 21 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | BOLIN 3 | Bolinkova | Aradiano | I-III | 38.5 | 36 | 20.5 | 25.5 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | BOLIN 4 | Bolinkova | Aradiano | I-III | 40.5 | 37.5 | 22.5 | 27.5 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | BOLIN 5 | Bolinkova | Aradiano | I-III | 38 | 36.5 | 20.5 | 25 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | BOLIN 6 | Bolinkova | Aradiano | I-III | 39 | 36.5 | 22 | 27 |

| ASTRAGALUS | | | | | | | | | | |
|----------------------------|-----|-------------|----------|------------------|----------|-------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| cf. <i>C. p. pyrenaica</i> | ♂? | | BOLIN 7 | Bolinkova | Aradiano | I-III | 38.5 | 36 | 20 | |
| cf. <i>C. p. pyrenaica</i> | | | BOLIN 8 | Bolinkova | Aradiano | I-III | 37 | 33 | 18.8 | 23.5 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 9 | Bolinkova | Aradiano | I-III | 35 | 32 | 19 | 22.5 |
| cf. <i>C. p. pyrenaica</i> | | | BOLIN 10 | Bolinkova | Aradiano | IV | 37 | 34 | 19.5 | 23 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 11 | Bolinkova | Aradiano | IV | 34.5 | 33.5 | 39.9 | 25 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 12 | Bolinkova | Aradiano | IV | 35 | 32.5 | 18.4 | 22 |
| cf. <i>C. p. pyrenaica</i> | | | BOLIN 13 | Bolinkova | Aradiano | IV | 36.5 | 34.5 | 19.8 | 24 |
| cf. <i>C. p. pyrenaica</i> | | | BOLIN 14 | Bolinkova | Aradiano | IV | 37.5 | 34.5 | 20.5 | 23 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 15 | Bolinkova | Aradiano | V | 35 | 34 | 18.8 | 23 |
| cf. <i>C. p. pyrenaica</i> | | | BOLIN 16 | Bolinkova | Aradiano | V | 38 | 36 | 21 | 24 |
| cf. <i>C. p. pyrenaica</i> | | | BOLIN 17 | Bolinkova | Aradiano | V | 37 | 34.5 | 20.5 | 23 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | BOLIN 18 | Bolinkova | Aradiano | V | 39 | 37 | 21.5 | 27 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 19 | Bolinkova | Aradiano | VI | 34 | 31 | 18.3 | 21.5 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 20 | Bolinkova | Aradiano | VI | 33.5 | 31.5 | 19 | 22 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 21 | Bolinkova | Aradiano | VI | 35 | 34 | 19.6 | 24 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 22 | Bolinkova | Aradiano | VI | 35 | 32 | 18.1 | 22.5 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | BOLIN 23 | Bolinkova | Aradiano | VI | 38.5 | 36 | 21 | 25 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 24 | Bolinkova | Aradiano | VI | 35 | 33.5 | 19 | 24 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 25 | Bolinkova | Aradiano | VI | 36 | 33 | 19.4 | 23.5 |
| cf. <i>C. p. pyrenaica</i> | ♂? | | BOLIN 26 | Bolinkova | Aradiano | VI | 40 | 16.5 | 21.5 | 25 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 27 | Bolinkova | Aradiano | VI | 36 | 34 | 19 | 21.5 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 28 | Bolinkova | Aradiano | VI | 35.5 | 33.5 | 19.2 | 23.5 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | BOLIN 29 | Bolinkova | Aradiano | VI | 35 | 32.5 | 18.7 | 23 |
| cf. <i>C. p. pyrenaica</i> | | | BOLIN 30 | Bolinkova | Aradiano | VI | 36 | | | |
| cf. <i>C. p. pyrenaica</i> | | | BOLIN 31 | Bolinkova | Aradiano | VI | | 32 | | |
| cf. <i>C. p. pyrenaica</i> | | | BOLIN 32 | Bolinkova | Aradiano | VI | | 33.5 | | |
| cf. <i>C. p. pyrenaica</i> | ♀? | | LUM 1 | Lumentxa | Leketio | III | 33.5 | 32.5 | 18.7 | 21.5 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | LUM 2 | Lumentxa | Leketio | IV | 33.5 | 31.5 | 18.1 | 23 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | LUM 3 | Lumentxa | Leketio | IV | 30.5 | 29 | 16.9 | 18.5 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | LUM 4 | Lumentxa | Leketio | V | 32.5 | 31.5 | 18.3 | 22.5 |

| ASTRAGALUS | | | | | | | | | | |
|----------------------------|-----|-------------|--------|------------------|-----------|-------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| cf. <i>C. p. pyrenaica</i> | ♀? | | LUM 5 | Lumentxa | Lekcizio | V | 31 | 28.5 | 15.5 | 19.5 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | LUM 6 | Lumentxa | Lekcizio | V | 32 | 31.5 | 18.1 | 21 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | LUM 7 | Lumentxa | Lekcizio | V | 33 | 31.5 | 18 | 21.5 |
| cf. <i>C. p. pyrenaica</i> | ♀? | | LUM 8 | Lumentxa | Lekcizio | V | 30.5 | 28.5 | 15.1 | 19.5 |
| cf. <i>C. p. pyrenaica</i> | | | LUM 9 | Lumentxa | Lekcizio | V | | | 18.9 | 22.5 |
| cf. <i>C. p. pyrenaica</i> | | | OYAL.1 | Oyalkoba | Abadiano | III | 33 | 33 | 19 | 21 |
| cf. <i>C. p. pyrenaica</i> | | | OYAL.2 | Oyalkoba | Abadiano | III | 37 | 35 | | 23 |
| cf. <i>C. p. pyrenaica</i> | | | P-1 | Lezetxiki | Mondragón | IIIa | 37.2 | 35.2 | | 21.6 |
| cf. <i>C. p. pyrenaica</i> | | | P-2 | Lezetxiki | Mondragón | IIIa | 34.3 | | | 21.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-3 | Urriaga | Deba | D | 34.3 | | | 21.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-4 | Urriaga | Deba | D | 34.7 | | | 22.4 |
| cf. <i>C. p. pyrenaica</i> | | | P-5 | Urriaga | Deba | D | 34.8 | 32.9 | 19.5 | 22.7 |
| cf. <i>C. p. pyrenaica</i> | | | P-6 | Urriaga | Deba | D | 35 | | 19.4 | |
| cf. <i>C. p. pyrenaica</i> | | | P-7 | Urriaga | Deba | D | 35 | 32.6 | 19.4 | 21.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-8 | Urriaga | Deba | D | 35.1 | 32.8 | 18.9 | 22.7 |
| cf. <i>C. p. pyrenaica</i> | | | P-9 | Urriaga | Deba | D | 35.2 | 33.1 | 19.5 | 22.6 |
| cf. <i>C. p. pyrenaica</i> | | | P-10 | Urriaga | Deba | D | 35.2 | 33.4 | 19.2 | 22.7 |
| cf. <i>C. p. pyrenaica</i> | | | P-11 | Urriaga | Deba | D | 36 | 34.9 | 19.5 | 23.2 |
| cf. <i>C. p. pyrenaica</i> | | | P-12 | Urriaga | Deba | D | 36 | 33.9 | 20 | 23 |
| cf. <i>C. p. pyrenaica</i> | | | P-13 | Urriaga | Deba | D | 36.1 | 34 | 19.9 | 23.9 |
| cf. <i>C. p. pyrenaica</i> | | | P-14 | Urriaga | Deba | D | 36.3 | 33.9 | 19.5 | 23.7 |
| cf. <i>C. p. pyrenaica</i> | | | P-15 | Urriaga | Deba | D | 36.3 | 34.3 | 20 | 23.3 |
| cf. <i>C. p. pyrenaica</i> | | | P-16 | Urriaga | Deba | D | 37 | 35.4 | | |
| cf. <i>C. p. pyrenaica</i> | | | P-17 | Urriaga | Deba | D | 34.2 | 34.8 | 20 | 25 |
| cf. <i>C. p. pyrenaica</i> | | | P-18 | Urriaga | Deba | D | 37.2 | 34.8 | 19.7 | 23.6 |
| cf. <i>C. p. pyrenaica</i> | | | P-19 | Urriaga | Deba | D | 37.3 | 34 | 19.7 | 23.7 |
| cf. <i>C. p. pyrenaica</i> | | | P-20 | Urriaga | Deba | D | 37.3 | 34.2 | 20.9 | 23.7 |
| cf. <i>C. p. pyrenaica</i> | | | P-21 | Urriaga | Deba | D | 37.6 | 34.4 | 21.2 | 24.2 |
| cf. <i>C. p. pyrenaica</i> | | | P-22 | Urriaga | Deba | D | 37.7 | 35 | 20.6 | 24 |
| cf. <i>C. p. pyrenaica</i> | | | P-23 | Urriaga | Deba | D | 38.2 | 36 | 20.9 | 25.4 |

| ASTRAGALUS | | | | | | | | | | |
|----------------------------|-----|-------------|------|------------------|----------|-------------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| <i>cf. C. p. pyrenaica</i> | | | P-24 | Urriaga | Deba | D | 38.4 | 36.4 | 21.1 | 25.2 |
| <i>cf. C. p. pyrenaica</i> | | | P-25 | Urriaga | Deba | D | 38.6 | 38 | 21.1 | 24.7 |
| <i>cf. C. p. pyrenaica</i> | | | P-26 | Urriaga | Deba | D | 38.7 | 36 | 21.5 | 25.7 |
| <i>cf. C. p. pyrenaica</i> | | | P-27 | Urriaga | Deba | D | 39 | 35.5 | 22.1 | 26.1 |
| <i>cf. C. p. pyrenaica</i> | | | P-28 | Urriaga | Deba | D | 39.4 | 36.2 | 21.5 | 26.2 |
| <i>cf. C. p. pyrenaica</i> | | | P-29 | Urriaga | Deba | D | 37.5 | 37.6 | 21.4 | 27 |
| <i>cf. C. p. pyrenaica</i> | | | P-30 | Urriaga | Deba | D | 40 | 31.7 | 18.7 | 25.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-31 | Urriaga | Deba | D | 40.5 | 36.7 | 22.3 | 28 |
| <i>cf. C. p. pyrenaica</i> | | | P-32 | Urriaga | Deba | E | 37.3 | 38.2 | 23.3 | 23.8 |
| <i>cf. C. p. pyrenaica</i> | | | P-33 | Urriaga | Deba | E | 40.6 | 34.7 | 20 | 27.4 |
| <i>cf. C. p. pyrenaica</i> | | | P-34 | Urriaga | Deba | F | 34 | 37.5 | 22.1 | 21.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-35 | Urriaga | Deba | F | 38.3 | 35.3 | 21 | 24.1 |
| <i>cf. C. p. pyrenaica</i> | | | P-36 | Urriaga | Deba | F | 38.8 | 36.5 | 21.1 | 24.8 |
| <i>cf. C. p. pyrenaica</i> | | | P-37 | Urriaga | Deba | F | 39.3 | 37 | 21.1 | 26.4 |
| <i>cf. C. p. pyrenaica</i> | | | P-38 | Ermittia | Deba | Azilian | 33.5 | 31.3 | 19 | 22.1 |
| <i>cf. C. p. pyrenaica</i> | | | P-39 | Ermittia | Deba | Magdalenian | 34.5 | 32.5 | 18.5 | 22.1 |
| <i>cf. C. p. pyrenaica</i> | | | P-40 | Ermittia | Deba | Magdalenian | 36.4 | 33.2 | 19.2 | 23.7 |
| <i>cf. C. p. pyrenaica</i> | | | P-41 | Ermittia | Deba | Magdalenian | 37 | 35 | 20.3 | 23.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-42 | Ermittia | Deba | Solutrean | 37.7 | 35 | 20.3 | 24.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-43 | Ermittia | Deba | Solutrean | 39.2 | 37.5 | 21.2 | 27 |
| <i>cf. C. p. pyrenaica</i> | | | P-44 | Rascaño | Mirones | | 31.5 | | | 23 |
| <i>cf. C. p. pyrenaica</i> | | | P-45 | Rascaño | Mirones | | 32 | | | 21 |
| <i>cf. C. p. pyrenaica</i> | | | P-46 | Rascaño | Mirones | | 32.5 | | | 20 |
| <i>cf. C. p. pyrenaica</i> | | | P-47 | Rascaño | Mirones | | 32.5 | | | 23.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-48 | Rascaño | Mirones | | 33 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-49 | Riera | Llanes | | 33 | | | 22.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-50 | Rascaño | Mirones | | 33.5 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-51 | Rascaño | Mirones | | 33.5 | | | 22.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-52 | Rascaño | Mirones | | 33.5 | | | 24 |
| <i>cf. C. p. pyrenaica</i> | | | P-53 | Rascaño | Mirones | | 34 | | | 21.5 |

| ASTRAGALUS | | | | | | | | | | |
|----------------------------|-----|-------------|------|------------------|-------------|-------|------|-----|----|------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| <i>cf. C. p. pyrenaica</i> | | | P-54 | Rascaño | Mirones | | 34 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-55 | Rascaño | Mirones | | 34 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-56 | Rascaño | Mirones | | 34 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-57 | Rascaño | Mirones | | 34.5 | | | 21 |
| <i>cf. C. p. pyrenaica</i> | | | P-58 | Rascaño | Mirones | | 34.5 | | | 21.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-59 | Rascaño | Mirones | | 34.5 | | | 21.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-60 | Riera | Llanes | | 34.5 | | | 21.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-61 | Tito Bustillo | Ribadesella | | 34.5 | | | 23 |
| <i>cf. C. p. pyrenaica</i> | | | P-62 | Riera | Llanes | | 34.5 | | | 23 |
| <i>cf. C. p. pyrenaica</i> | | | P-63 | Rascaño | Mirones | | 35 | | | 23.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-64 | Rascaño | Mirones | | 35 | | | 21.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-65 | Rascaño | Mirones | | 35 | | | 21.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-66 | Rascaño | Mirones | | 35 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-67 | Rascaño | Mirones | | 35 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-68 | Rascaño | Mirones | | 35 | | | 22.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-69 | Rascaño | Mirones | | 35 | | | 22.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-70 | Rascaño | Mirones | | 35 | | | 23 |
| <i>cf. C. p. pyrenaica</i> | | | P-71 | Rascaño | Mirones | | 35 | | | 23.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-72 | Rascaño | Mirones | | 35 | | | 24 |
| <i>cf. C. p. pyrenaica</i> | | | P-73 | Rascaño | Mirones | | 35.5 | | | 24.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-74 | Rascaño | Mirones | | 35.5 | | | 21.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-75 | Rascaño | Mirones | | 35.5 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-76 | Rascaño | Mirones | | 35.5 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-77 | Rascaño | Mirones | | 35.5 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-78 | Rascaño | Mirones | | 35.5 | | | 23 |
| <i>cf. C. p. pyrenaica</i> | | | P-79 | Tito Bustillo | Ribadesella | | 35.5 | | | 23.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-80 | Rascaño | Mirones | | 36 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-81 | Rascaño | Mirones | | 36 | | | 22 |
| <i>cf. C. p. pyrenaica</i> | | | P-82 | Rascaño | Mirones | | 36 | | | 22.5 |
| <i>cf. C. p. pyrenaica</i> | | | P-83 | Rascaño | Mirones | | 36 | | | 22.5 |

| ASTRAGALUS | | | | | | | | | | |
|----------------------------|-----|-------------|-------|------------------|-------------|-------|------|-----|----|------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| cf. <i>C. p. pyrenaica</i> | | | P-84 | Tito Bustillo | Ribadesella | | 36 | | | 23 |
| cf. <i>C. p. pyrenaica</i> | | | P-85 | Rascaño | Mirones | | 36 | | | 23.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-86 | Rascaño | Mirones | | 36 | | | 24 |
| cf. <i>C. p. pyrenaica</i> | | | P-87 | Rascaño | Mirones | | 36 | | | 25 |
| cf. <i>C. p. pyrenaica</i> | | | P-88 | Tito Bustillo | Ribadesella | | 36 | | | 22.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-89 | Tito Bustillo | Ribadesella | | 36 | | | 23.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-90 | Riera | Llanes | | 36 | | | 24 |
| cf. <i>C. p. pyrenaica</i> | | | P-91 | Rascaño | Mirones | | 36.5 | | | 22 |
| cf. <i>C. p. pyrenaica</i> | | | P-92 | Rascaño | Mirones | | 36.5 | | | 22.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-93 | Rascaño | Mirones | | 36.5 | | | 23.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-94 | Rascaño | Mirones | | 36.5 | | | 24.4 |
| cf. <i>C. p. pyrenaica</i> | | | P-95 | Rascaño | Mirones | | 36.5 | | | 25 |
| cf. <i>C. p. pyrenaica</i> | | | P-96 | Rascaño | Mirones | | 36.5 | | | 25 |
| cf. <i>C. p. pyrenaica</i> | | | P-97 | Riera | Llanes | | 36.5 | | | 24 |
| cf. <i>C. p. pyrenaica</i> | | | P-98 | Lezetxiki | Mondragón | | 37 | | | 21.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-99 | Rascaño | Mirones | | 37 | | | 22.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-100 | Rascaño | Mirones | | 37 | | | 23 |
| cf. <i>C. p. pyrenaica</i> | | | P-101 | Rascaño | Mirones | | 37 | | | 23 |
| cf. <i>C. p. pyrenaica</i> | | | P-102 | Rascaño | Mirones | | 37 | | | 23 |
| cf. <i>C. p. pyrenaica</i> | | | P-103 | Rascaño | Mirones | | 37 | | | 24 |
| cf. <i>C. p. pyrenaica</i> | | | P-104 | Rascaño | Mirones | | 37 | | | 25 |
| cf. <i>C. p. pyrenaica</i> | | | P-105 | Arenaza | Galdames | | 37 | | | 26 |
| cf. <i>C. p. pyrenaica</i> | | | P-106 | Rascaño | Mirones | | 37.5 | | | 23 |
| cf. <i>C. p. pyrenaica</i> | | | P-107 | Rascaño | Mirones | | 37.5 | | | 23.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-108 | Rascaño | Mirones | | 37.5 | | | 24 |
| cf. <i>C. p. pyrenaica</i> | | | P-109 | Rascaño | Mirones | | 37.5 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-110 | Rascaño | Mirones | | 37.5 | | | 24.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-111 | Rascaño | Mirones | | 37.5 | | | 24.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-112 | Rascaño | Mirones | | 37.5 | | | 26.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-113 | Rascaño | Mirones | | 38 | | | 23.5 |

| ASTRAGALUS | | | | | | | | | | |
|----------------------------|-----|-------------|-------|------------------|----------|-------|------|-----|----|------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| cf. <i>C. p. pyrenaica</i> | | | P-114 | Rascaño | Mirones | | 38 | | | 23.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-115 | Rascaño | Mirones | | 38 | | | 24 |
| cf. <i>C. p. pyrenaica</i> | | | P-116 | Rascaño | Mirones | | 38 | | | 24 |
| cf. <i>C. p. pyrenaica</i> | | | P-117 | Rascaño | Mirones | | 38 | | | 24.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-118 | Rascaño | Mirones | | 38 | | | 24.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-119 | Rascaño | Mirones | | 38 | | | 24.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-120 | Rascaño | Mirones | | 38 | | | 25 |
| cf. <i>C. p. pyrenaica</i> | | | P-121 | Rascaño | Mirones | | 38 | | | 25 |
| cf. <i>C. p. pyrenaica</i> | | | P-122 | Rascaño | Mirones | | 38 | | | 25 |
| cf. <i>C. p. pyrenaica</i> | | | P-123 | Rascaño | Mirones | | 38 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-124 | Rascaño | Mirones | | 38 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-125 | Rascaño | Mirones | | 38 | | | 26 |
| cf. <i>C. p. pyrenaica</i> | | | P-126 | Rascaño | Mirones | | 38 | | | 27 |
| cf. <i>C. p. pyrenaica</i> | | | P-127 | Rascaño | Mirones | | 38.5 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-128 | Rascaño | Mirones | | 38.5 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-129 | Rascaño | Mirones | | 38.5 | | | 26.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-130 | Rascaño | Mirones | | 38.5 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-131 | Arenaza | Galdames | | 38.5 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-132 | Rascaño | Mirones | | 38.5 | | | 26 |
| cf. <i>C. p. pyrenaica</i> | | | P-133 | Rascaño | Mirones | | 38.5 | | | 26 |
| cf. <i>C. p. pyrenaica</i> | | | P-134 | Rascaño | Mirones | | 39 | | | 24.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-135 | Rascaño | Mirones | | 39 | | | 24.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-136 | Rascaño | Mirones | | 39 | | | 26 |
| cf. <i>C. p. pyrenaica</i> | | | P-137 | Rascaño | Mirones | | 39 | | | 26 |
| cf. <i>C. p. pyrenaica</i> | | | P-138 | Rascaño | Mirones | | 39 | | | 26.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-139 | Rascaño | Mirones | | 39 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-140 | Rascaño | Mirones | | 39.5 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-141 | Rascaño | Mirones | | 39.5 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-142 | Rascaño | Mirones | | 39.5 | | | 25.5 |
| cf. <i>C. p. pyrenaica</i> | | | P-143 | Rascaño | Mirones | | 39.5 | | | 26 |

| ASTRAGALUS | | | | | | | | | | |
|----------------------------|-----|-------------|----------|------------------|-------------|-------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| cf. <i>C. p. pyrenaica</i> | | | P-144 | Rascaño | Mirones | | 39.5 | | | 26 |
| cf. <i>C. p. pyrenaica</i> | | | P-145 | Rascaño | Mirones | | 39.5 | | | 27 |
| cf. <i>C. p. pyrenaica</i> | | | P-146 | Rascaño | Mirones | | 40 | | | 26 |
| cf. <i>C. p. pyrenaica</i> | | | P-147 | Rascaño | Mirones | | 40 | | | 26 |
| cf. <i>C. p. pyrenaica</i> | | | P-148 | Tito Bustillo | Ribadesella | | 40 | | | 27 |
| cf. <i>C. p. pyrenaica</i> | | | POI.1 | Polvorin | Carranza | VI | 38 | 35.5 | 20.5 | 23.5 |
| cf. <i>C. p. pyrenaica</i> | | | POI.2 | Polvorin | Carranza | VI | 38 | 36 | 21.5 | 24.5 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 1 | Santimamiñe | Kortezubi | II | 37.5 | 34.5 | 20.5 | 23.5 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 2 | Santimamiñe | Kortezubi | II | 39 | 36 | 22.5 | 27.5 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 3 | Santimamiñe | Kortezubi | IV | 37.5 | 34.5 | 20.5 | 25 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 4 | Santimamiñe | Kortezubi | V | 30.5 | 28.5 | 17.8 | 19.4 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 5 | Santimamiñe | Kortezubi | V | 30 | 28 | 17.1 | 20 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 6 | Santimamiñe | Kortezubi | VI | 36 | 34.5 | 19.8 | 22.5 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 7 | Santimamiñe | Kortezubi | VI | 33 | 30.5 | 18.5 | 21 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 8 | Santimamiñe | Kortezubi | VI | 35.5 | 33.5 | 19.7 | 22.5 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 9 | Santimamiñe | Kortezubi | VIII | 39.5 | 36.5 | 21.5 | 26.5 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 10 | Santimamiñe | Kortezubi | VIII | 40.5 | 37 | 22.5 | 26.5 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 11 | Santimamiñe | Kortezubi | S | 32 | 31 | 18.6 | 21.5 |
| cf. <i>C. p. pyrenaica</i> | | | SANTI 12 | Santimamiñe | Kortezubi | III | 38 | 36 | 20.5 | 26 |
| cf. <i>C. p. pyrenaica</i> | | | URRA 1 | Urratxa | Orozko | III | 38.5 | | | |
| cf. <i>C. p. pyrenaica</i> | | | URRA 2 | Urratxa | Orozko | III | 35.5 | 34.5 | 19.3 | |
| cf. <i>C. p. pyrenaica</i> | | | URRA 3 | Urratxa | Orozko | III | 33 | 32 | 18.2 | 22 |
| cf. <i>C. p. pyrenaica</i> | | | URRA 4 | Urratxa | Orozko | III | 33.5 | 32.5 | 18.8 | 23 |
| cf. <i>C. p. pyrenaica</i> | | | URRA 5 | Urratxa | Orozko | III | 31 | | 16.8 | 19.7 |
| cf. <i>C. p. pyrenaica</i> | | | URRA 6 | Urratxa | Orozko | III | 40 | 36.5 | 21.5 | 27 |
| cf. <i>C. p. pyrenaica</i> | | | URRA 7 | Urratxa | Orozko | III | | 35 | 21.5 | 26 |
| cf. <i>C. p. pyrenaica</i> | | | URRA 8 | Urratxa | Orozko | III | 36.5 | 34.5 | 21 | 23.5 |
| cf. <i>C. p. pyrenaica</i> | | | URRA 9 | Urratxa | Orozko | III | 33.5 | 31 | 18.2 | 21.5 |
| cf. <i>C. p. pyrenaica</i> | | | URRA 10 | Urratxa | Orozko | III | | 30.5 | | 19.2 |
| cf. <i>C. p. pyrenaica</i> | | | URRA 11 | Urratxa | Orozko | III | | | | 23 |

| ASTRAGALUS | | | | | | | | | | |
|----------------------------|-----|-------------|---------|------------------|-------------------|-------------|--------|--------|--------|--------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| cf. <i>C. p. pyrenaica</i> | | | URRA 12 | Urratxa | Orozko | III | | | | 21.5 |
| | | | | Mas Nou | Ares del Maestrat | 1 | | | | (21) |
| | | | | Mas Nou | Ares del Maestrat | 1A | | (30) | | |
| | | | | Mas Nou | Ares del Maestrat | 2 | (33.5) | (32) | | |
| | | | | Mas Nou | Ares del Maestrat | S | (36.5) | (35) | (20) | (22) |
| | | | | Cova Fosca | Ares del Maestrat | [-120] | (35) | (33.5) | (19) | (22.5) |
| | | | | Cova Fosca | Ares del Maestrat | [-89/-128] | 35 | 33 | 18.5 | 22 |
| | | | | Cova Fosca | Ares del Maestrat | [-119] | 33 | 31 | | |
| | | | | Cova Fosca | Ares del Maestrat | [-120/-130] | 31.5 | | 17.5 | 20 |
| | | | | Cova Fosca | Ares del Maestrat | [-120/-130] | (32.5) | (30.5) | (18.5) | (22) |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | (36.5) | (33.5) | (20) | (24) |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | (35) | (24) | (19) | (22) |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | (32) | (30) | (18) | (20) |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | (35.5) | (34.5) | (19.5) | (22.5) |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | (35.2) | | | (22.5) |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | (35) | (33) | (19) | (22.5) |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | (34.5) | (33) | (19.5) | (22.5) |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | (33.5) | (32) | (18.5) | (21) |
| | | | 1274 | Cova Fosca | Ares del Maestrat | [-196/-211] | (31) | (29) | (16.4) | (19) |
| | | | 1991 | Cova Fosca | Ares del Maestrat | [-196/-211] | (31.4) | (29.3) | (17.7) | (18.7) |
| | | | 934 | Cova Fosca | Ares del Maestrat | [-196/-211] | (32.8) | (31) | (17.5) | (18.2) |
| | | | 872 | Cova Fosca | Ares del Maestrat | [-196/-211] | 32.4 | 30.3 | 17.5 | 20 |
| | | | 1448 | Cova Fosca | Ares del Maestrat | [-196/-211] | 33.9 | 32.4 | 18.8 | 21.7 |
| | | | 766 | Cova Fosca | Ares del Maestrat | [-196/-211] | 32 | 30.3 | 17.3 | 21.5 |
| | | | 1261 | Cova Fosca | Ares del Maestrat | [-196/-211] | 28.5 | 27 | 16.8 | 19.2 |
| | | | 1290 | Cova Fosca | Ares del Maestrat | [-196/-211] | 28.9 | 27 | 16 | 18 |
| | | | 1256 | Cova Fosca | Ares del Maestrat | [-196/-211] | 31.8 | (29.9) | 17 | 20 |
| | | | 999 | Cova Fosca | Ares del Maestrat | [-196/-211] | 31.4 | 29.3 | 17.2 | 19.3 |

| ASTRAGALUS | | | | | | | | | | |
|-------------|-----|-------------|------|------------------|-------------------|-------------|--------|--------|--------|--------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| | | | 1416 | Cova Fosca | Ares del Maestrat | [-196/-211] | (32) | (39) | (17.6) | (20.1) |
| | | | 1417 | Cova Fosca | Ares del Maestrat | [-196/-211] | 34 | 31.8 | 18.3 | 20.6 |
| | | | 1270 | Cova Fosca | Ares del Maestrat | [-196/-211] | (35.6) | (33) | (19.8) | (21.5) |
| | | | 583 | Cova Fosca | Ares del Maestrat | [-211/-220] | 36 | (34) | (20) | (23) |
| | | | 27 | Cova Fosca | Ares del Maestrat | [-211/-220] | 30.5 | 29 | (17.5) | 19 |
| | | | 766 | Cova Fosca | Ares del Maestrat | [-211/-220] | 31 | 29 | 17.5 | 19.5 |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 31 | 29.5 | 16.5 | 21 |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 32 | 30.5 | 17.5 | 20 |
| | | | 407 | Cova Fosca | Ares del Maestrat | [-211/-220] | (32.5) | (31.5) | (18) | (21) |
| | | | 722 | Cova Fosca | Ares del Maestrat | [-211/-220] | 33 | 31.5 | 17.5 | 20.5 |
| | | | 195 | Cova Fosca | Ares del Maestrat | [-211/-220] | 33 | 31 | | 20.5 |
| | | | 510 | Cova Fosca | Ares del Maestrat | [-211/-220] | 34.5 | 32 | 18.5 | 22.5 |
| | | | 739 | Cova Fosca | Ares del Maestrat | [-211/-220] | (36.5) | (33.5) | | (22.5) |
| | | | 331 | Cova Fosca | Ares del Maestrat | [-211/-220] | 33.5 | 31.5 | 18.5 | 23 |
| | | | 800 | Cova Fosca | Ares del Maestrat | [-211/-220] | 33 | 31 | 18 | 22 |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 32 | 29.5 | 17 | 20 |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | 31.5 | 29.5 | 17 | 20.5 |
| | | | 596 | Cova Fosca | Ares del Maestrat | [-211/-220] | (31.5) | (30) | (16) | (20) |
| | | | 144 | Cova Fosca | Ares del Maestrat | [-211/-220] | 30.5 | 29.5 | (16) | 19.5 |
| | | | 428 | Cova Fosca | Ares del Maestrat | [-211/-220] | (31) | 29.5 | (16.5) | 20 |
| | | | 551 | Cova Fosca | Ares del Maestrat | [-211/-220] | (32.5) | | (20.5) | |
| | | | 160 | Cova Fosca | Ares del Maestrat | [-211/-220] | 31 | 29 | | |
| | | | 281 | Cova Fosca | Ares del Maestrat | [-220/-224] | 32 | 30.2 | 17 | 20.9 |
| | | | 263 | Cova Fosca | Ares del Maestrat | [-220/-224] | 35 | 32.3 | 18.5 | (21) |
| | | | 266 | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | (16) |
| | | | 68 | Cova Fosca | Ares del Maestrat | [-220/-224] | 33.6 | 32.5 | 18.7 | 26 |
| | | | 284 | Cova Fosca | Ares del Maestrat | [-220/-224] | 34 | 32 | 18.4 | 25 |
| | | | | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | (16) |

| ASTRAGALUS | | | | | | | | | | |
|-------------|-----|-------------|------|------------------|-------------------|-------------|--------|--------|--------|--------|
| Sub-species | Sex | Age (years) | Code | Collection/ Site | Location | Level | GLI | GLm | DI | Bd |
| | | | | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | (19) |
| | | | 575 | Cova Fosca | Ares del Maestrat | [-220/-224] | 32 | 29.6 | 16.7 | 19.2 |
| | | | | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | (18) |
| | | | | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | (20) |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | (36) | 33 | 19.5 | (23) |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | 34 | 31.8 | 19 | 23 |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | (35.8) | (33.5) | (19) | (23.2) |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | (31.5) | 29.5 | (16.5) | (19.5) |
| | | | | Cova Fosca | Ares del Maestrat | [-255/-262] | 34 | 31.3 | 18.3 | 20 |
| | | | | Cova Fosca | Ares del Maestrat | [-255/-262] | 33 | 31.4 | 17.5 | 20.4 |
| | | | | Cova Fosca | Ares del Maestrat | [-304/-319] | 32.5 | 31.5 | | |
| | | | | Cova Fosca | Ares del Maestrat | [-365/-388] | 33.7 | 33 | 18.5 | 22.5 |
| | | | | Cova Fosca | Ares del Maestrat | [-365/-388] | 33.5 | 32 | | |

| CALCANEUS | | | | | | | | | | |
|------------------------|-----|-------------|-------|------------------|------------|-------|------|------|--|--|
| Sub-species | Sex | Age (years) | Code | Collection/ site | Location | Level | GL | GB | | |
| <i>C. p. hispanica</i> | ♂ | 6 | 656 | AMM | S. Cazorla | | 72.5 | 24 | | |
| <i>C. p. hispanica</i> | ♂ | 10 | 18070 | MNCN | S. Cazorla | | 71.5 | 24 | | |
| <i>C. p. hispanica</i> | ♂ | 11 | 18073 | MNCN | S. Cazorla | | 67 | 26 | | |
| <i>C. p. hispanica</i> | ♂ | 11 | 18075 | MNCN | S. Cazorla | | 70.5 | 24.5 | | |
| <i>C. p. hispanica</i> | ♀ | 7 | 18087 | MNCN | S. Cazorla | | 60.5 | 19 | | |
| <i>C. p. hispanica</i> | ♀ | 5 | 18089 | MNCN | S. Cazorla | | 62.5 | 21 | | |
| <i>C. p. hispanica</i> | ♀ | 7 | 18094 | MNCN | S. Cazorla | | 58.5 | 21.5 | | |
| <i>C. p. hispanica</i> | ♀ | 4 | 18116 | MNCN | S. Cazorla | | 59 | 21.5 | | |
| <i>C. p. hispanica</i> | ♂ | 8 | 18124 | MNCN | S. Cazorla | | 70.1 | 24.5 | | |
| <i>C. p. hispanica</i> | ♂ | 8 | 18127 | MNCN | S. Cazorla | | 68 | 23 | | |

| CALCANEUS | | | | | | | | |
|------------------------|-----|-------------|-------|------------------|------------|-------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection/ site | Location | Level | GL | GB |
| <i>C. p. hispanica</i> | ♂ | 7 | 18130 | MNCN | S. Cazorla | | 69.5 | 23.5 |
| <i>C. p. hispanica</i> | ♂ | 5 | 18147 | MNCN | S. Cazorla | | 65.5 | 20.9 |
| <i>C. p. hispanica</i> | ♂ | 9 | 18151 | MNCN | S. Cazorla | | 72 | 25.8 |
| <i>C. p. hispanica</i> | ♂ | 13 | 18153 | MNCN | S. Cazorla | | 71 | 25.5 |
| <i>C. p. hispanica</i> | ♂ | 13 | 18155 | MNCN | S. Cazorla | | 71.5 | 27 |
| <i>C. p. hispanica</i> | ♂ | 12 | 18157 | MNCN | S. Cazorla | | 67 | 23 |
| <i>C. p. hispanica</i> | ♀ | 4 | 18207 | MNCN | S. Cazorla | | 57.5 | 20 |
| <i>C. p. hispanica</i> | ♀ | 5 | 18216 | MNCN | S. Cazorla | | 59.5 | 20 |
| <i>C. p. hispanica</i> | ♀ | 5 | AL-6 | AMM | S. Cazorla | | 64.5 | 22.4 |
| <i>C. p. victoriae</i> | ♂ | 5 | 18166 | MNCN | S. Gredos | | 69 | 24 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18170 | MNCN | S. Gredos | | 69.2 | 28 |
| <i>C. p. victoriae</i> | ♀ | 8 | 18184 | MNCN | S. Gredos | | 66 | 25 |
| <i>C. p. victoriae</i> | ♀ | 8 | 18189 | MNCN | S. Gredos | | | |
| <i>C. p. victoriae</i> | ♀ | 6 | 18191 | MNCN | S. Gredos | | 64 | 22 |
| <i>C. p. victoriae</i> | ♀ | 2 | 18195 | MNCN | S. Gredos | | | 19.8 |
| <i>C. p. victoriae</i> | ♀ | 5 | 18197 | MNCN | S. Gredos | | 63 | 23.2 |
| <i>C. p. victoriae</i> | ♀ | 6 | 18201 | MNCN | S. Gredos | | 63 | 25 |
| <i>C. p. victoriae</i> | ♀ | 7 | 18222 | MNCN | S. Gredos | | 60.5 | 21.5 |
| <i>C. p. victoriae</i> | ♀ | 3 | 18230 | MNCN | S. Gredos | | | 21 |
| <i>C. p. victoriae</i> | ♂ | 2 | 18233 | MNCN | S. Gredos | | | 22.6 |
| <i>C. p. victoriae</i> | ♀ | 7 | 18237 | MNCN | S. Gredos | | 58.9 | 21.3 |
| <i>C. p. victoriae</i> | ♂ | 2 | 18240 | MNCN | S. Gredos | | | 21.8 |
| <i>C. p. victoriae</i> | ♀ | 3 | 18244 | MNCN | S. Gredos | | 65.1 | 22.5 |
| <i>C. p. victoriae</i> | ♂ | 3 | 18246 | MNCN | S. Gredos | | | 23.6 |
| <i>C. p. victoriae</i> | ♂ | 2 | 18248 | MNCN | S. Gredos | | | 21.4 |
| <i>C. p. victoriae</i> | ♀ | 5 | 18252 | MNCN | S. Gredos | | 61.5 | 20.5 |
| <i>C. p. victoriae</i> | ♀ | 2 | 18253 | MNCN | S. Gredos | | | 19.8 |
| <i>C. p. victoriae</i> | ♀ | 8 | 18254 | MNCN | S. Gredos | | 60.8 | 23.5 |
| <i>C. p. victoriae</i> | ♀ | 5 | 18271 | MNCN | S. Gredos | | 65 | 24 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18279 | MNCN | S. Gredos | | 73 | 27 |

| CALCANEUS | | | | | | | | | |
|----------------------------|-----|-------------|------------|------------------|-----------|----------|------|------|--|
| Sub-species | Sex | Age (years) | Code | Collection/ site | Location | Level | GL | GB | |
| <i>C. p. victoriae</i> | ♂ | 8 | 18281 | MNCN | S. Gredos | | 72 | 26.5 | |
| cf. <i>C. p. pyrenaica</i> | ♂ | 7 | Cap-pyr 15 | AMM | Somiedo | | 79.3 | 28.5 | |
| cf. <i>C. p. pyrenaica</i> | | | AITZ 1 | Aitzbitarte | Rentería | Azilense | 86.2 | | |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 1 | Atxuri | Mañaria | I | 90 | 30.5 | |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 2 | Atxuri | Mañaria | II | 71 | 24.5 | |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 3 | Atxuri | Mañaria | V-VII | 82.5 | 28 | |
| cf. <i>C. p. pyrenaica</i> | | | ATXU 4 | Atxuri | Mañaria | V-VII | 72.5 | 25 | |
| cf. <i>C. p. pyrenaica</i> | | | BO 1 | Bolinkoba | Aradiano | I-III | 71.5 | | |
| cf. <i>C. p. pyrenaica</i> | | | BO 2 | Bolinkoba | Aradiano | III | 82.5 | 29.5 | |
| cf. <i>C. p. pyrenaica</i> | | | BO 3 | Bolinkoba | Aradiano | III | 84 | 30 | |
| cf. <i>C. p. pyrenaica</i> | | | BO 4 | Bolinkoba | Aradiano | III | 82.5 | 29 | |
| cf. <i>C. p. pyrenaica</i> | | | BO 5 | Bolinkoba | Aradiano | III | 65 | 22.5 | |
| cf. <i>C. p. pyrenaica</i> | | | BO 6 | Bolinkoba | Aradiano | IV | 82.5 | 30 | |
| cf. <i>C. p. pyrenaica</i> | | | BO 7 | Bolinkoba | Aradiano | V | 69 | 22.5 | |
| cf. <i>C. p. pyrenaica</i> | | | BO 8 | Bolinkoba | Aradiano | VI | 71.5 | 23.5 | |
| cf. <i>C. p. pyrenaica</i> | | | BO 9 | Bolinkoba | Aradiano | VI | 70 | 23 | |
| cf. <i>C. p. pyrenaica</i> | | | BO 10 | Bolinkoba | Aradiano | VI | | 23.5 | |
| cf. <i>C. p. pyrenaica</i> | | | BO 11 | Bolinkoba | Aradiano | VI | | 20 | |
| cf. <i>C. p. pyrenaica</i> | | | LUM 1 | Lumentxa | Lekeitio | V | 67 | 23.5 | |
| cf. <i>C. p. pyrenaica</i> | | | LEZ 1 | Lezetxiki | Mondragón | IV c | 87 | | |
| cf. <i>C. p. pyrenaica</i> | | | P-1 | Arenaza | Galdames | | 65.5 | 22.5 | |
| cf. <i>C. p. pyrenaica</i> | | | P-2 | Rascaño | Mirones | | 66 | 23 | |
| cf. <i>C. p. pyrenaica</i> | | | P-3 | Rascaño | Mirones | | 66.5 | 24.5 | |
| cf. <i>C. p. pyrenaica</i> | | | P-4 | Riera | Llanes | | 68.5 | 23.5 | |
| cf. <i>C. p. pyrenaica</i> | | | P-5 | Riera | Llanes | | 69.5 | 25 | |
| cf. <i>C. p. pyrenaica</i> | | | P-6 | Rascaño | Mirones | | 70 | 23.5 | |
| cf. <i>C. p. pyrenaica</i> | | | P-7 | Arenaza | Galdames | | 70 | 24.5 | |
| cf. <i>C. p. pyrenaica</i> | | | P-8 | Urriaga | Deba | | 71 | 24 | |
| cf. <i>C. p. pyrenaica</i> | | | P-9 | Urriaga | Deba | | 71.5 | 25 | |
| cf. <i>C. p. pyrenaica</i> | | | P-10 | Urriaga | Deba | | 72 | 25 | |

| CALCANEUS | | | | | | | Level | GL | GB |
|---------------------------|-----|-------------|-------|------------------|-----------|-------|-------|------|----|
| Sub-species | Sex | Age (years) | Code | Collection/ site | Location | Level | GL | GB | |
| cf. <i>C.p. pyrenaica</i> | | | P-11 | Urtiaga | Deba | | 72 | 24 | |
| cf. <i>C.p. pyrenaica</i> | | | P-12 | Urtiaga | Deba | | 73.5 | 25 | |
| cf. <i>C.p. pyrenaica</i> | | | P-13 | Riera | Llanes | | 74.5 | 23 | |
| cf. <i>C.p. pyrenaica</i> | | | P-14 | Urtiaga | Deba | | 74.5 | 24 | |
| cf. <i>C.p. pyrenaica</i> | | | P-15 | Rascaño | Mirones | | 75 | 25.5 | |
| cf. <i>C.p. pyrenaica</i> | | | P-16 | Rascaño | Mirones | | 78.5 | 27 | |
| cf. <i>C.p. pyrenaica</i> | | | P-17 | Rascaño | Mirones | | 78.5 | 28.5 | |
| cf. <i>C.p. pyrenaica</i> | | | P-18 | Rascaño | Mirones | | 78.5 | 28.5 | |
| cf. <i>C.p. pyrenaica</i> | | | P-19 | Arenaza | Galdames | | 79 | 26.5 | |
| cf. <i>C.p. pyrenaica</i> | | | P-20 | Rascaño | Mirones | | 79 | 29.5 | |
| cf. <i>C.p. pyrenaica</i> | | | P-21 | Rascaño | Mirones | | 79.5 | 28 | |
| cf. <i>C.p. pyrenaica</i> | | | P-22 | Rascaño | Mirones | | 80 | 27.5 | |
| cf. <i>C.p. pyrenaica</i> | | | P-23 | Rascaño | Mirones | | 80.5 | 28.5 | |
| cf. <i>C.p. pyrenaica</i> | | | P-24 | Arenaza | Galdames | | 81.5 | 27 | |
| cf. <i>C.p. pyrenaica</i> | | | P-25 | Rascaño | Mirones | | 81.5 | 28.5 | |
| cf. <i>C.p. pyrenaica</i> | | | P-26 | Rascaño | Mirones | | 81.5 | 29 | |
| cf. <i>C.p. pyrenaica</i> | | | P-27 | Urtiaga | Deba | | 81.5 | 27.5 | |
| cf. <i>C.p. pyrenaica</i> | | | P-28 | Urtiaga | Deba | | 84.5 | 29 | |
| cf. <i>C.p. pyrenaica</i> | | | P-29 | Aitzbitarte | Rentería | IV | 86 | 29 | |
| cf. <i>C.p. pyrenaica</i> | ♀? | | SA 1 | Santimamiñe | Kortezubi | | 70 | 23 | |
| cf. <i>C.p. pyrenaica</i> | ♀? | | SA 2 | Santimamiñe | Kortezubi | | 71.5 | 24 | |
| cf. <i>C.p. pyrenaica</i> | ♂? | | SA 3 | Santimamiñe | Kortezubi | | 77.5 | 29 | |
| cf. <i>C.p. pyrenaica</i> | ♂? | | SA 4 | Santimamiñe | Kortezubi | | 77.5 | 27.5 | |
| cf. <i>C.p. pyrenaica</i> | | | URT 1 | Urtiaga | Deba | | 68.5 | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 2 | Urtiaga | Deba | | 70.5 | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 3 | Urtiaga | Deba | | 71 | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 4 | Urtiaga | Deba | | 71.6 | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 5 | Urtiaga | Deba | | 72 | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 6 | Urtiaga | Deba | | 72 | | |
| cf. <i>C.p. pyrenaica</i> | | | URT 7 | Urtiaga | Deba | | 73.5 | | |

| CALCANEUS | | | | | | | | |
|---------------------------|-----|-------------|--------|------------------|-------------------|-------------|--------|--------|
| Sub-species | Sex | Age (years) | Code | Collection/ site | Location | Level | GL | GB |
| cf. <i>C.p. pyrenaica</i> | | | URT 8 | Urtiaga | Deba | | 74.5 | |
| cf. <i>C.p. pyrenaica</i> | | | URT 9 | Urtiaga | Deba | | 81.5 | |
| cf. <i>C.p. pyrenaica</i> | | | URT 10 | Urtiaga | Deba | | 84.5 | |
| | | | | Cova Fosca | Ares del Maestrat | [-111/-118] | (72.5) | (28.5) |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | (71) | (27) |
| | | | | Cova Fosca | Ares del Maestrat | [-170/-177] | | (26.5) |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | (70) | (26) |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | 63 | 22 |
| | | | 1268 | Cova Fosca | Ares del Maestrat | [-196/-211] | 70.5 | 26.5 |
| | | | 940 | Cova Fosca | Ares del Maestrat | [-196/-211] | 61.5 | 22 |
| | | | 930 | Cova Fosca | Ares del Maestrat | [-211/-220] | (75) | (29) |
| | | | 307 | Cova Fosca | Ares del Maestrat | [-211/-220] | (65) | (23.5) |
| | | | 650 | Cova Fosca | Ares del Maestrat | [-211/-220] | 62.5 | (19) |
| | | | 318 | Cova Fosca | Ares del Maestrat | [-211/-220] | (73) | (25) |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | (60.5) | (20) |
| | | | 494 | Cova Fosca | Ares del Maestrat | [-211/-220] | | (19.5) |
| | | | 379 | Cova Fosca | Ares del Maestrat | [-220/-224] | | (23.9) |
| | | | 107 | Cova Fosca | Ares del Maestrat | [-220/-224] | 60.5 | 21.5 |
| | | | 612 | Cova Fosca | Ares del Maestrat | [-220/-224] | (65) | 26.5 |
| | | | | Cova Fosca | Ares del Maestrat | [-224/-235] | (64) | (23.3) |
| | | | | Cova Fosca | Ares del Maestrat | [-224/-235] | (62.5) | (21) |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | | (24.5) |
| | | | | Cova Fosca | Ares del Maestrat | [-242/-255] | | (25) |
| | | | | Cova Fosca | Ares del Maestrat | [-298/-308] | | (19.3) |
| | | | | Cova Fosca | Ares del Maestrat | [-255/-262] | 64 | 22 |

| METATARSUS | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----|-------------|------------|------------------|------------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection/ site | Location | Level | CL | Lt | BP | SD | BD | BFD | WCM | WCL | DEM | DVM | DIM | DIL | DVL | DEL |
| <i>C. p. hispanica</i> | ♂ | 6 | 656 | AMM | S. Cazorla | | 140.9 | 146.6 | 26.5 | 16 | 30 | 29.4 | 13.1 | 12.5 | 11.1 | 19 | 15.7 | 15.5 | 18.1 | 11.1 |
| <i>C. p. hispanica</i> | ♂ | 3 | 646 | AMM | S. Cazorla | | 139 | 142.6 | 24 | 15.3 | 29.4 | 27.3 | 12.1 | 11.4 | 10.6 | 17.8 | 14.8 | 14.8 | 16.8 | 10.7 |
| <i>C. p. hispanica</i> | ♂ | 10 | 629 | AMM | S. Cazorla | | 139 | 142.5 | 25.7 | 18.4 | 30.2 | 29 | 13 | 12.7 | 11 | 18.3 | 15.1 | 14.8 | 17.4 | 11.8 |
| <i>C. p. hispanica</i> | ♂ | ≤3 | 501 | AMM | S. Cazorla | | 139 | 144.5 | 24.7 | | 29 | 29.4 | 13 | 12.6 | 11.4 | 19.2 | 15.7 | 15.7 | 18.2 | 11.1 |
| <i>C. p. hispanica</i> | ♂ | 6 | 662 | AMM | S. Cazorla | | 134.4 | 138.1 | 25.3 | 15.2 | 29.5 | 28.7 | 12.7 | 12.1 | 10.9 | 18.9 | 14.8 | 14.8 | 16.9 | 10.4 |
| <i>C. p. hispanica</i> | ♂ | 10 | J-3 | AMM | S. Cazorla | | 129.7 | 133.1 | 22.5 | 13.6 | 26.6 | 26.5 | 11.4 | 11.4 | 9.8 | 16.4 | 13.5 | 13.5 | 15.4 | 9.7 |
| <i>C. p. hispanica</i> | ♀ | 4 | 735 | AMM | S. Cazorla | | 118.2 | 121.8 | 20.8 | 12.5 | 24.1 | 23 | 11 | 10.3 | 9.9 | 16 | 13.3 | 13.2 | 15.1 | 9.4 |
| <i>C. p. hispanica</i> | ♀ | 3 | 651 | AMM | S. Cazorla | | 125.2 | 122.4 | 21.5 | 12.5 | 24.5 | 23 | 10.7 | 10.1 | 9.8 | 15.9 | 13.3 | 13.3 | 15.2 | 9.7 |
| <i>C. p. hispanica</i> | ♀ | 6 | 635 | AMM | S. Cazorla | | 127.2 | 123.8 | 20.9 | 14 | 25.5 | 23 | 10.8 | 10.3 | 10 | 16.2 | 13.3 | 13.3 | 15.3 | 9.6 |
| <i>C. p. hispanica</i> | ♀ | 10 | 625 | AMM | S. Cazorla | | 124.5 | 120.5 | 20.5 | 13.1 | 24.2 | 22.8 | 10.9 | 10.2 | 9.9 | 16.2 | 13 | 12.9 | 15.2 | 9.5 |
| <i>C. p. hispanica</i> | ♀ | 12 | 626 | AMM | S. Cazorla | | 132.4 | 129.3 | 23.3 | 14 | 27 | 25.2 | 11.5 | 11.2 | 10.4 | 17.5 | 14.3 | 14.3 | 16.6 | 10.1 |
| <i>C. p. hispanica</i> | ♀ | ?? | 736 | AMM | S. Cazorla | | 124.6 | 121.7 | 21.2 | 12.8 | 24.5 | 23 | 10.8 | 10.4 | 10.3 | 16.1 | 13.5 | 13.3 | 15.4 | 9.2 |
| <i>C. p. hispanica</i> | ♂ | 4-5 | Cap pyr-14 | AMM | S. Cazorla | | 142 | 146 | 23.8 | 15.3 | 28.4 | 28 | 12 | 11.8 | 10.5 | 17.5 | 14.5 | 14.5 | 16.7 | 10.5 |
| cf. <i>C. p. pyrenaica</i> | ♂ | 7 | Cap-pyr 15 | AMM | Somicedo | | 155.5 | 162 | 29 | 19 | 34.5 | 34 | 15 | 14.3 | 12.4 | 22 | 17.5 | 17.5 | 21.4 | 12.4 |
| <i>C. p. hispanica</i> | ♂ | 10 | 18070 | MNCN | S. Cazorla | | 147 | 152.5 | 25 | 16 | 29 | 27.4 | 12.7 | 11.9 | 11.2 | 18.9 | 15.8 | 15.4 | 18 | 11.2 |
| <i>C. p. hispanica</i> | ♂ | 11 | 18073 | MNCN | S. Cazorla | | 143 | 147 | 26 | 15.5 | 30 | 28.1 | 13.2 | 12.3 | 10.4 | 18.4 | 14.6 | 14.7 | 17.4 | 10.5 |
| <i>C. p. hispanica</i> | ♂ | 11 | 18075 | MNCN | S. Cazorla | | 143 | 147.5 | 25 | 15 | 29.5 | 26.5 | 12.4 | 11.9 | 10.7 | 17.8 | 14.7 | 14.6 | 16.7 | 10.4 |
| <i>C. p. hispanica</i> | ♀ | 7 | 18087 | MNCN | S. Cazorla | | 124.5 | 130.5 | 21.5 | 13 | 25.5 | 23.4 | 10.9 | 10 | 9.1 | 15.7 | 12.8 | 12.6 | 14.7 | 8.9 |
| <i>C. p. hispanica</i> | ♀ | 5 | 18089 | MNCN | S. Cazorla | | 129 | 133 | 22.6 | 13.5 | 26.5 | 25.6 | 11.6 | 10.7 | 10.5 | 18 | 14.6 | 14.1 | 16.6 | 10.1 |
| <i>C. p. hispanica</i> | ♀ | 7 | 18094 | MNCN | S. Cazorla | | 123 | 126 | 24.5 | 12.5 | 25.5 | 24.1 | 10.8 | 10.1 | 9.3 | 16.1 | 13 | 13.1 | 15.3 | 9.3 |
| <i>C. p. hispanica</i> | ♀ | 4 | 18116 | MNCN | S. Cazorla | | 124 | 128 | 21 | 12.5 | 24 | 23.7 | 11 | 10.4 | 9.3 | 16.4 | 13.3 | 13.3 | 15.4 | 9.2 |
| <i>C. p. hispanica</i> | ♀ | 6 | 18117 | MNCN | S. Cazorla | | 124.5 | 129 | 21.5 | 13 | 26 | 25 | 11.2 | 10.4 | 9.4 | 16.6 | 13.3 | 13.2 | 15.7 | 9.7 |
| <i>C. p. hispanica</i> | ♂ | 8 | 18124 | MNCN | S. Cazorla | | 144.5 | 149 | 26 | 14.5 | 30 | 28.5 | 13.1 | 12.3 | 10.6 | 19.1 | 15.4 | 15.1 | 18.8 | 10.4 |
| <i>C. p. hispanica</i> | ♂ | 8 | 18127 | MNCN | S. Cazorla | | 138.5 | 141.5 | 24.5 | 14.5 | 27.8 | 26.6 | 12 | 11.2 | 10.4 | 17.7 | 14.4 | 14.1 | 16.6 | 10.3 |
| <i>C. p. hispanica</i> | ♂ | 7 | 18130 | MNCN | S. Cazorla | | 145 | 149 | 27 | 15.5 | 30 | 28.9 | 12.7 | 12 | 11.1 | 18.5 | 15.1 | 15 | 17.5 | 10.8 |
| <i>C. p. hispanica</i> | ♂ | 7 | 18146 | MNCN | S. Cazorla | | 144 | 149 | 25.5 | 15.5 | 29.5 | 28 | 12.6 | 12.2 | 10.7 | 18.4 | 15 | 15 | 17.8 | 10.9 |
| <i>C. p. hispanica</i> | ♂ | 5 | 18147 | MNCN | S. Cazorla | | 137 | 142 | 23 | 13.9 | 27.9 | 26.5 | 12.2 | 11.6 | 10.8 | 18.9 | 14.6 | 14.7 | 17.1 | 10.3 |
| <i>C. p. hispanica</i> | ♂ | 8 | 18151 | MNCN | S. Cazorla | | 146.5 | 152.3 | 27 | 16 | 29.5 | 28.3 | 12.6 | 12.2 | 11.1 | 19.2 | 16 | 16 | 18.3 | 11 |

| METATARSUS | | | | | | | | | | | | | | | | | | | | |
|------------------------|-----|-------------|---------------|------------------|-------------------|-------------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sub-species | Sex | Age (years) | Code | Collection/ site | Location | Level | GL | Lt | BP | SD | BD | BFD | WCM | WCL | DEM | DVM | DIM | DIL | DVL | DEL |
| <i>C. p. hispanica</i> | ♂ | 13 | 18153 | MNCN | S. Cazorla | | 149 | 155 | 27 | 16 | 30 | 28.6 | 13 | 12.6 | 11.6 | 19.3 | 15.8 | 15.4 | 18.3 | 11.5 |
| <i>C. p. hispanica</i> | ♂ | 13 | 18155 | MNCN | S. Cazorla | | 150 | 156 | 27 | 17 | 31.5 | 30.3 | 13.1 | 12.5 | 11.7 | 19.2 | 15.7 | 15.7 | 18.1 | 11.1 |
| <i>C. p. hispanica</i> | ♂ | 12 | 18157 | MNCN | S. Cazorla | | 138.2 | 142.5 | 24 | 14.5 | 28 | 27.1 | 12.2 | 11.6 | 9.9 | 17.5 | 14.2 | 14.2 | 16.7 | 9.9 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18159 (D) | MNCN | S. Gredos | | 130.5 | 135 | 25.8 | 15 | 31 | 30.6 | 13.7 | 13 | 10.6 | 18.8 | 15.3 | 15.2 | 18.1 | 10.7 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18159 (S) | MNCN | S. Gredos | | 130.1 | 134.4 | 25.2 | 15.5 | 30.5 | 29.7 | 13.8 | 13 | 11 | 18.8 | 15.3 | 15.3 | 18 | 10.7 |
| <i>C. p. victoriae</i> | ♂ | 5 | 18166 (D) | MNCN | S. Gredos | | 140 | 144.6 | 25.3 | 16 | 31.3 | 31 | 14.2 | 13.4 | 11.9 | 19.8 | 16.4 | 16 | 18.7 | 11.1 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18170 (D) | MNCN | S. Gredos | | 135 | 141 | 26.5 | 16.5 | 32.3 | 31.3 | 14.4 | 14 | 11.6 | 20.1 | 16.2 | 16 | 18.8 | 11.1 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18170 (S) | MNCN | S. Gredos | | 137.3 | 140.5 | 26.4 | 16.3 | 31.6 | 31.4 | 14 | 14 | 11.3 | 20 | 15.4 | 15.4 | 19.1 | 11.1 |
| <i>C. p. victoriae</i> | ♂ | 6 | 18172 (S) | MNCN | S. Gredos | | 140 | 143.5 | 26 | 15.5 | 30.5 | 30 | 14.2 | 13.9 | 11 | 19.8 | 16.4 | 16 | 18.8 | 11 |
| <i>C. p. victoriae</i> | ♀ | 8 | 18189 (D) | MNCN | S. Gredos | | 122.6 | 126.5 | 23.2 | 14 | 28 | 28 | 12.7 | 12.3 | 10.9 | 18.4 | 15 | 14.8 | 17.4 | 10.4 |
| <i>C. p. victoriae</i> | ♀ | 6 | 18191 (S) | MNCN | S. Gredos | | 126.1 | 130.2 | 23.8 | 14 | 28 | 27.7 | 12.6 | 11.7 | 10.6 | 18.4 | 15.1 | 14.8 | 17.3 | 10.2 |
| <i>C. p. victoriae</i> | ♀ | 5 | 18197 (D) | MNCN | S. Gredos | | 120.6 | 124.5 | 23.3 | 14.3 | 27.7 | 28 | 12.5 | 11.7 | 9.9 | 18 | 14.4 | 14.7 | 17 | 9.8 |
| <i>C. p. victoriae</i> | ♀ | 6 | 18201 (D) | MNCN | S. Gredos | | 124.3 | 129 | 24 | 14 | 28.3 | 28 | 12.1 | 11.8 | 10.8 | 18.3 | 15 | 14.7 | 17.4 | 10.2 |
| <i>C. p. hispanica</i> | ♀ | 4 | 18207 | MNCN | S. Cazorla | | 120 | 125 | 20 | 11.9 | 24.2 | 23.5 | 10.8 | 10.3 | 9.2 | 16.5 | 13.3 | 13.2 | 15.5 | 9 |
| <i>C. p. hispanica</i> | ♀ | 5 | 18216 | MNCN | S. Cazorla | | 127 | 132 | 22 | 13 | 25 | 24.2 | 11.1 | 10.4 | 10 | 17.1 | 13.7 | 13.7 | 16 | 10 |
| <i>C. p. victoriae</i> | ♀ | 7 | 18222 (S) | MNCN | S. Gredos | | 118.7 | 122.4 | 22 | 13.1 | 25.2 | 25 | 11.5 | 11.1 | 9.1 | 16.6 | 13.4 | 13.3 | 15.8 | 8.7 |
| <i>C. p. victoriae</i> | ♀ | 7 | 18237 (S) | MNCN | S. Gredos | | 116.2 | 119.5 | 21.9 | 12 | 26 | 25.5 | 11.8 | 11.5 | 9.4 | 16.7 | 13.4 | 13.3 | 15.9 | 9.1 |
| <i>C. p. victoriae</i> | ♀ | 8 | 18252 (D) | MNCN | S. Gredos | | 118.7 | 121.4 | 23 | 13 | 27 | 26.9 | 12 | 12 | 9.9 | 17.5 | 14 | 13.9 | 16.6 | 9.5 |
| <i>C. p. victoriae</i> | ♀ | 8 | 28254 (S) | MNCN | S. Gredos | | 120.9 | 124.4 | 23.8 | 14 | 27.3 | 26.5 | 11.7 | 11.6 | 10.2 | 17.7 | 14.4 | 14.2 | 16.6 | 9.9 |
| <i>C. p. victoriae</i> | ♀ | 5 | 18271 (S) | MNCN | S. Gredos | | 125 | 128.8 | 23.6 | 14.3 | 27.7 | 27.1 | 12.6 | 11.9 | 10.3 | 18.1 | 14.9 | 14.8 | 17.2 | 10.3 |
| <i>C. p. victoriae</i> | ♂ | 8 | 18281 (D) | MNCN | S. Gredos | | 140.5 | 144.5 | 27.4 | 16 | 32.8 | 33 | 14.8 | 14.4 | 11.6 | 20.2 | 16.7 | 16.6 | 19.2 | 11.6 |
| <i>C. p. victoriae</i> | ♂ | 8 | Cap pyr-3 (D) | AMM | S. Gredos | | 130.5 | 133 | 24 | 14.6 | 29.9 | 31 | 13 | 13 | 10.4 | 18.3 | 14.6 | 14.4 | 17.4 | 10.3 |
| <i>C. p. victoriae</i> | ♂ | 8 | Cap pyr-3 (S) | AMM | S. Gredos | | 129.5 | 132.8 | 23.8 | 14.6 | 30.3 | 31.4 | 13.5 | 13 | 10.8 | 18.6 | 15 | 14.9 | 17.5 | 10.4 |
| | | | | Cova Fosca | Ares del Maestrat | [-126] | | | | | 31 | | | | | | | | | |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | | | | | 25.8 | 25 | 15.2 | 10.6 | 15.7 | 14.6 | 13.9 | 10.9 | 10.5 | 11 |
| | | | | Cova Fosca | Ares del Maestrat | [-177/-196] | | | | | 26.8 | 25.8 | 15.5 | 10.3 | 16.5 | 15.2 | 14.4 | 10.4 | 11 | 11.8 |
| | | | 789 | Cova Fosca | Ares del Maestrat | [-196/-211] | | | | | 32.5 | 32.7 | 20.5 | 14 | 19.7 | 17.5 | | 12.7 | 14.4 | 14.5 |
| | | | 502 | Cova Fosca | Ares del Maestrat | [-196/-211] | | | | | 32.2 | 31 | 18 | 11.6 | 19 | 16.1 | 16.7 | 11.8 | 13.5 | 14.7 |

| METATARSUS | | | | | | | | | | | | | | | | | | | | | |
|-------------|-----|-------------|------|------------------|-------------------|-------------|----|----|------|------|------|------|------|------|------|------|------|------|------|------|--|
| Sub-species | Sex | Age (years) | Code | Collection/ site | Location | Level | CL | Lt | BP | SD | BD | BFD | WCM | WCL | DEM | DVM | DIM | DIL | DVL | DEL | |
| | | | 1395 | Cova Fosca | Ares del Maestrat | [-196/-211] | | | | | 30.3 | 29.9 | 16.9 | 11.7 | 18.1 | 15.5 | 15.4 | 12 | 12.4 | 12.5 | |
| | | | 869 | Cova Fosca | Ares del Maestrat | [-196/-211] | | | | | 26.4 | 26 | 14.6 | 10.1 | 16 | 13.6 | 14 | 10.3 | 10.9 | 11.4 | |
| | | | 956 | Cova Fosca | Ares del Maestrat | [-196/-211] | | | | | 25.8 | | | | | | | | | | |
| | | | 555 | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | | 30.5 | 29.4 | 18 | 11.4 | 18.8 | 15.7 | 15.7 | 12 | 12.7 | 13.5 | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | | 27 | 26.8 | 16.5 | 10.7 | 15.9 | 14.3 | 14.2 | 10.7 | 11.3 | 12 | |
| | | | | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | | | 30.8 | 19.5 | 12.3 | 20.7 | 16.7 | 16.5 | 12.4 | 13.2 | 14.1 | |
| | | | 631 | Cova Fosca | Ares del Maestrat | [-211/-220] | | | | | | 30.2 | 19 | 12 | 20.3 | 16.5 | 15.7 | 12.5 | 12.5 | 13.4 | |
| | | | 620 | Cova Fosca | Ares del Maestrat | [-211/-220] | | | 20.5 | 11.3 | | | | | | | | | | | |
| | | | 481 | Cova Fosca | Ares del Maestrat | [-220/-224] | | | 24 | | | | | | | | | | | | |
| | | | 334 | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | | 27.7 | 27.4 | 15.7 | 11.4 | 16.8 | 15 | 14.7 | 11.3 | 12.2 | 12.5 | |
| | | | 110 | Cova Fosca | Ares del Maestrat | [-220/-224] | | | | 15.5 | 27 | 26.7 | 17 | 10.8 | 18.6 | | 14.8 | 11.5 | 11.3 | 12.2 | |