

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, DATA-BASE

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 postcraneal 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 to 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 to 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

genetic isolation. One needs always to be aware of the influence that regional differences may have had when comparing samples from different localities.

SIZE VARIATION IN THE SPANISH IBEX

Although osteometric analyses on the Spanish ibex bones require temporal variability to be considered, more so when dealing with Pleistocene and Early Holocene sites, one should never neglect geographic variation. This is due to the discontinuous distribution that the Spanish ibex, as is typical for species living in mountains, exhibits. It was this regional variation what led Ángel Cabrera to recognize four sub-species of *Capra pyrenaica* in 1911 by virtue of their coat colour, horn size and morphology, and body size. These four sub-species were defined as follows (Granados *et al.*, 2001; García-González, 2011) (Figure 1):

- *C. p. pyrenaica*, Schinz (1838): Taken to be the holotype for the species, this sub-species

featured long, twisted horns bearing a marked keel. Its coat was greyish-brown with large patches of black on the flanks of the body and the limbs. Located in the Pyrenean region, the last population became officially extinct in January 2000.

- *C. p. victoriae*, Cabrera (1911): Smaller than the holotypic populations, this sub-species exhibits a less developed black coat and slightly smaller and wider horns. It is presently distributed in the Sistema Central Mountains.
- *C. p. hispanica*, Schimper (1848): This is the smallest of the Spanish ibex sub-species and features black stripes that are mostly restricted to the limbs as well as a more reddish summer coat. Horns are here narrower and generally become more outward projecting, their keels less pronounced. *C. p. hispanica* occupies the south-eastern quarter of the Iberian Peninsula.
- *C. p. lusitana*, Schlegel (1872): This sub-species was distributed in Western Iberia but became extinct around 1890. It combined the large size of the holotype and the colour patterning and horn morphology of *C. p. hispanica*.

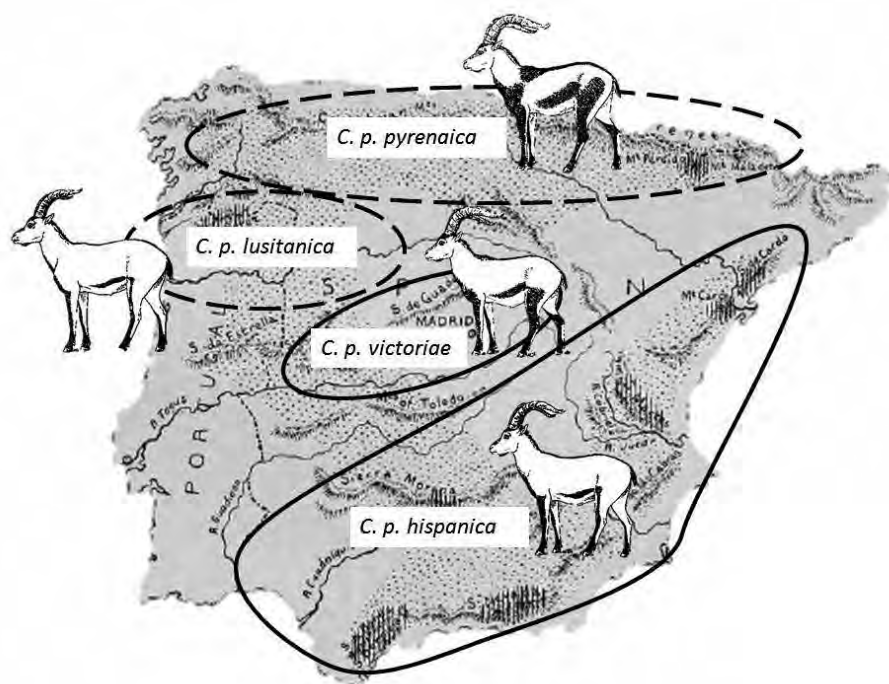


FIGURE 11

Distribution areas of the Spanish ibex sub-species according to Cabrera (1911, 1914). Map and drawings modified from Cabrera (1911).
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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 victorae* 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 Quirarte (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; Quirarte, 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 standarization 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	BFcd
<i>C. p. hispanica</i>	♂	6	AMM	656	S. Cazorla		94	82.5	31.5	57
<i>C. p. hispanica</i>	♀	5	AMM	AL-6	S. Cazorla		70	62.5	29.5	49
<i>C. p. pyrenaica</i>	♂	7	AMM	Cap pyr-15	Somiedo		109	84.5	37	63
			Cova Fosca		Ares del Maestrat	[-120/-130]		(31.5)		
			Cova Fosca		Ares del Maestrat	[-170/-177]	(86)	37	34	66.5
			Cova Fosca		Ares del Maestrat	[-170/-177]	70.5	36	29.5	60
			Cova Fosca		Ares del Maestrat	[-177/-196]		39		62
			Cova Fosca	1145	Ares del Maestrat	[-196/-211]	(105)	78	(35.5)	(62)
			Cova Fosca	1149	Ares del Maestrat	[-196/-211]	(94))		(38)	59
			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)
			Cova Fosca	71	Ares del Maestrat	[-220/-224]			26.5	52
			Cova Fosca		Ares del Maestrat	[-242/-255]	((88))			((47.5))
			Cova Fosca		Ares del Maestrat	[-242/-255]	(56)	31	26	50
			Cova Fosca		Ares del Maestrat	[-242/-255]				(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. Cazorla		37.2	26.5	26.8	194
<i>C. p. hispanica</i>	♂	13	MNCN	18153	S. Cazorla		38.7	25	28.8	193
<i>C. p. hispanica</i>	♂	13	MNCN	18155	S. Cazorla		40	26	28.6	203.5
<i>C. p. hispanica</i>	♂	12	MNCN	18157	S. Cazorla		35	23	25.5	180.3
<i>C. p. hispanica</i>	♀	7	MNCN	18087	S. Cazorla		33.5	19	21.9	150
<i>C. p. hispanica</i>	♀	5	MNCN	18089	S. Cazorla		33	20.5	23	154
<i>C. p. hispanica</i>	♀	7	MNCN	18094	S. Cazorla		30	18.5	22.7	146
<i>C. p. hispanica</i>	♀	4	MNCN	18116	S. Cazorla		30.2	19	21.8	142.5
<i>C. p. hispanica</i>	♀	6	MNCN	18117	S. Cazorla		33	19	21.6	
<i>C. p. hispanica</i>	♀	4	MNCN	18207	S. Cazorla		30	18	24.5	168
<i>C. p. hispanica</i>	♀	5	MNCN	18216	S. Cazorla		31	19	22	147.3
<i>C. p. hispanica</i>	♀	5	AMM	AL-6	S. Cazorla		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	BS
<i>C. p. victoride</i>	♀	7	MNCN	18237	S. Gredos		31	19.5	22.4
<i>C. p. victoride</i>	♀	5	MNCN	18252	S. Gredos		33.5	20	23.4
<i>C. p. victoride</i>	♀	8	MNCN	18254	S. Gredos		33.5	21.5	166
<i>C. p. victoride</i>	♀	5	MNCN	18271	S. Gredos		35.5	21	160
cf. <i>C. p. pyrenaica</i>	♀?		Atxuri	ATXU 1	Mañaria	V-VI	36.5	20.5	25
cf. <i>C. p. pyrenaica</i>	♀?		Bolinkova	BO 1	Aradiano	VI	36.5	23.5	25.5
cf. <i>C. p. pyrenaica</i>	♂?		Lumentxa	LU 1	Leketio	V	44	32	29.5
cf. <i>C. p. pyrenaica</i>	2?		Lumentxa	LU 2	Leketio	V	32	21	21
cf. <i>C. p. pyrenaica</i>	♂?		Lumentxa	LU 3	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	BS
cf. <i>C. p. pyrenaica</i>			Arenaza	P-22	Galdames		38		26
cf. <i>C. p. pyrenaica</i>			Arenaza	P-24	Galdames		38.5		26.5
cf. <i>C. p. pyrenaica</i>			Arenaza	P-28	Galdames		39.5		27
cf. <i>C. p. pyrenaica</i>			Arenaza	P-29	Galdames		40		26
cf. <i>C. p. pyrenaica</i>			Arenaza	P-35	Galdames		35		31.5
cf. <i>C. p. pyrenaica</i>			Arenaza	P-30	Galdames		41		29.5
cf. <i>C. p. pyrenaica</i>			Arenaza	P-33	Galdames		43		29.5
cf. <i>C. p. pyrenaica</i>			Arenaza	P-4	Galdames		35		24.5
cf. <i>C. p. pyrenaica</i>			Arenaza	P-6	Galdames		35.5		23
cf. <i>C. p. pyrenaica</i>			Arenaza	P-7	Galdames		35.5		24
cf. <i>C. p. pyrenaica</i>			Arenaza	P-8	Galdames		35.5		25
cf. <i>C. p. pyrenaica</i>			Tito Bustillo	P-5	Ribadesella		35		24.5
cf. <i>C. p. pyrenaica</i>			Riera	P-9	Llanes		36.5		25.5
cf. <i>C. p. pyrenaica</i>	♀		Santimamiñe	SA 1	Kortezubi	VI	36.5	22.5	25.5
cf. <i>C. p. pyrenaica</i>	♀		Santimamiñe	SA 2	Kortezubi	VI	36.5	23	27.5
cf. <i>C. p. pyrenaica</i>	♀		Santimamiñe	SA 3	Kortezubi	VI	33.5	23.5	22
cf. <i>C. p. pyrenaica</i>	♀		Santimamiñe	SA 4	Kortezubi	II	35.5		23
cf. <i>C. p. pyrenaica</i>	♂		Santimamiñe	SA 5	Kortezubi	V	43.5		28
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 1	Deba	D	35.9	23.4	25.6
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 2	Deba	D	38.4	23	24
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 3	Deba	D	41.2	29.1	30.1
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 4	Deba	D	41.8	27.4	29.6
cf. <i>C. p. pyrenaica</i>			Urratxa	URR 1	Orozko	III	43	27	31
cf. <i>C. p. pyrenaica</i>			Urratxa	URR 2	Orozko	III	35	23.5	26
cf. <i>C. p. pyrenaica</i>			Urratxa	URR 3	Orozko	III	42	25.5	31.5
cf. <i>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
cf. <i>C. p. pyrenaica</i>			Urratxa	URR 5	Orozko	III	38	21.5		
cf. <i>C. p. pyrenaica</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		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	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
<i>C. p. hispanica</i>	♂	6	AMM	656	S. Cazorla		23.2	17	37	39	210	185.5
<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	AL-6	S. Cazorla		20	15	33	35	172.5	152
<i>C. p. hispanica</i>	♀	12	AMM	626	S. Cazorla		19.7	15.5	33	34.7	175.7	154.3
<i>C. p. hispanica</i>	♀	10	AMM	625	S. Cazorla		18.6	14	29.2	31.8	159.3	141.5

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	AITZ 1	Renteria	Aziliense				43.3				
cf. <i>C. p. pyrenaica</i>	♂?		Atxuri	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	Leketio	IB			31	33				
cf. <i>C. p. pyrenaica</i>	♀?		Lumentxa	LU 2	Leketio	IV			29.5	32.5				
cf. <i>C. p. pyrenaica</i>	♂?		Lumentxa	LU 3	Leketio	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>	♂?		Sanitimamiñe	SA 1	Kortezubi	III			41.5	44				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 10	Kortezubi	VI			35.5	37				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 11	Kortezubi	VII			36.5	38				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 12	Kortezubi	VIII			41.5	37.5				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 13	Kortezubi	VIII			36.5	38				
cf. <i>C. p. pyrenaica</i>	♂?		Sanitimamiñe	SA 14	Kortezubi	I			41.5	46.5				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 15	Kortezubi	II			33.5	36				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 16	Kortezubi	III			37	40.5				
cf. <i>C. p. pyrenaica</i>			Sanitimamiñe	SA 17	Kortezubi	III			38.5	40.5				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 18	Kortezubi	IV			36.5	38.5				
cf. <i>C. p. pyrenaica</i>	♂?		Sanitimamiñe	SA 19	Kortezubi	V			39.5	40.5				
cf. <i>C. p. pyrenaica</i>	♂?		Sanitimamiñe	SA 2	Kortezubi	III			39.5	41.5				
cf. <i>C. p. pyrenaica</i>	♂?		Sanitimamiñe	SA 20	Kortezubi	V			39	41				
cf. <i>C. p. pyrenaica</i>	♂?		Sanitimamiñe	SA 21	Kortezubi	V			39	40				
cf. <i>C. p. pyrenaica</i>	♂?		Sanitimamiñe	SA 3	Kortezubi	V			44	48				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 4	Kortezubi	VI			36	37.5				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 5	Kortezubi	VI			29.5	32.5				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 6	Kortezubi	VI			35	37				
cf. <i>C. p. pyrenaica</i>			Sanitimamiñe	SA 7	Kortezubi	VI			38.5	39.5				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 8	Kortezubi	VI			31	33.5				
cf. <i>C. p. pyrenaica</i>	♀?		Sanitimamiñe	SA 9	Kortezubi	VI			32	34.5				
cf. <i>C. p. pyrenaica</i>	♂?		Urratxa	URR 1	Orozko	III			39	41				
cf. <i>C. p. pyrenaica</i>	♂?		Urratxa	URR 2	Orozko	III			40.5	43				
cf. <i>C. p. pyrenaica</i>	♂?		Urratxa	URR 3	Orozko	III			40	42				
cf. <i>C. p. pyrenaica</i>	♀?		Urratxa	URR 4	Orozko	III			35	36.5				
cf. <i>C. p. pyrenaica</i>	♂?		Urratxa	URR 5	Orozko	III			39.5	40.5				
cf. <i>C. p. pyrenaica</i>	♀?		Urratxa	URR 6	Orozko	III			36	36.5				

HUMERUS												
Subspecies	Sex	Age (years)	Collection/ Site	Code	Location	Level	Ht	HTC	BT	Bd	GL	GLC
cf. <i>C. p. pyrenaica</i>	♂?		Urratxa	URR 7	Orozko	III			40	42		SD
cf. <i>C. p. pyrenaica</i>	♂?		Urratxa	URR 8	Orozko	III			41.5	43.5		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 1	Deba	D			37	39.5		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 2	Deba	D			39	40		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 3	Deba	D			39	40.5		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 4	Deba	D			38.5	41		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 5	Deba	D			39	41		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 6	Deba	D			41.5	43.5		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 7	Deba	D			42	44		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 8	Deba	D			45	45.5		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 9	Deba	D			43	46		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 10	Deba	D			43	46		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 11	Deba	D				46.5		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 12	Deba	D			43	46.5		
cf. <i>C. p. pyrenaica</i>			Urtiaga	URT 13	Deba	D			45	46.5		
cf. <i>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. victoriae</i>	♂	6	MNCN	18279	S. Gredos		187.5	44		22	40
<i>C. p. victoriae</i>	♂	8	MNCN	18281	S. Gredos		188.5	44		22.6	40.5
<i>C. p. victoriae</i>	♀	8	MNCN	18184	S. Gredos		168	38		19.5	35.2
<i>C. p. victoriae</i>	♀	8	MNCN	18189	S. Gredos		159	36.8		19	33.8
<i>C. p. victoriae</i>	♀	6	MNCN	18191	S. Gredos		163	35.5		18	32.5
<i>C. p. victoriae</i>	♀	5	MNCN	18197	S. Gredos		155	35		18	33.5
<i>C. p. victoriae</i>	♀	6	MNCN	18201	S. Gredos		158	36.5		19	34
<i>C. p. victoriae</i>	♀	7	MNCN	18222	S. Gredos		154	32		16.5	32
<i>C. p. victoriae</i>	♀	7	MNCN	18237	S. Gredos		148	34.5		16.5	31
<i>C. p. victoriae</i>	♀	5	MNCN	18252	S. Gredos		155	35		17.3	32
<i>C. p. victoriae</i>	♀	8	MNCN	18254	S. Gredos		156.5	35		18	32
<i>C. p. victoriae</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
cf. <i>C. p. pyrenaica</i>	♂		AMM	Cap pyr-15	Somiedo		216.5	44.5	40.5	26	44
cf. <i>C. p. pyrenaica</i>			Urratxa	URT 1	Orozko	D		41.5	40		
cf. <i>C. p. pyrenaica</i>	♂		Atxuri	ATXU 1	Mañaria	I		41	39		
cf. <i>C. p. pyrenaica</i>			Atxuri	ATXU 2	Mañaria	II					38.5
cf. <i>C. p. pyrenaica</i>	♀		Bolinkova	BO 1	Aradiano	VI		36			
cf. <i>C. p. pyrenaica</i>	♂		Lumentxa	IJU 1	Lekaito	VII		43	40.5		
cf. <i>C. p. pyrenaica</i>			Santimamiñe	SA 1	Kortezubi	VI					30.5
cf. <i>C. p. pyrenaica</i>	♂		Santimamiñe	SA2	Kortezubi	VII		44.5	42.5		
cf. <i>C. p. pyrenaica</i>	♀		Santimamiñe	SA3	Kortezubi	VIII		37	35.5		
cf. <i>C. p. pyrenaica</i>	♂		Urratxa	URR 1	Orozko	III		42.5	41		
			Mas Nou		Ares del Maestrat	1		(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	Somiedo		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. hispanica</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. hispanica</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. hispanica</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. hispanica</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. hispanica</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	Bfd	WC M	WCL	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	14	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	BFd	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	17.3	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		111.3	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	Leketio	IV	156.5			46									
cf. <i>C.p. pyrenaica</i>	♀		LUM 2	Lumentxa	Leketio	III				35									

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>	♀		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	Urtiaga	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)									
				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	BrId	WC M	WCL	DE M	DV M	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
cf. <i>C. p. pyrenaica</i>	♂	7	Cap-pyr 15	AMM	Somiedo		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)		

TIBIA											
Sub-species	Sex	Age (years)	Code	Collection / site	Location	Level	Bd	GL	Bp	SD	Dd
<i>C. p. hispanica</i>	♂	6	656	AMM	S. Cazorla		32	271.5	51.5	20	
<i>C. p. hispanica</i>	♀	5	AL-6	AMM	S. Cazorla		28	238.5	45.5	17	
<i>C. p. hispanica</i>	♂	10	18070	MNCN	S. Cazorla		31	272	50.5	18	
<i>C. p. hispanica</i>	♂	11	18073	MNCN	S. Cazorla		30.5	261	51	19	
<i>C. p. hispanica</i>	♂	11	18075	MNCN	S. Cazorla		31.5	267	50	17.5	
<i>C. p. hispanica</i>	♂	11	18124	MNCN	S. Cazorla		30.5	270	50.5	19.5	
<i>C. p. hispanica</i>	♂	8	18130	MNCN	S. Cazorla		30.8	269	50	18.2	
<i>C. p. hispanica</i>	♂	7	18146	MNCN	S. Cazorla		31.5	267	52	19	
<i>C. p. hispanica</i>	♂	7	18151	MNCN	S. Cazorla		31.5	273.8	53	20	
<i>C. p. hispanica</i>	♂	5	18153	MNCN	S. Cazorla		32.5	271	52	20	
<i>C. p. hispanica</i>	♂	9	18155	MNCN	S. Cazorla		32	273	54	20.5	
<i>C. p. hispanica</i>	♂	13	18157	MNCN	S. Cazorla		28.7	254	48.5	18	
<i>C. p. victoriae</i>	♂	8	18281	MNCN	S. Gredos		33	278.5	55	18.5	
<i>C. p. hispanica</i>	♀	7	18087	MNCN	S. Cazorla		25.5	229.1	42	15.5	
<i>C. p. hispanica</i>	♀	5	18089	MNCN	S. Cazorla		27	232	44	16.5	
<i>C. p. hispanica</i>	♀	7	18094	MNCN	S. Cazorla		26.5	220	42.8	15.3	
<i>C. p. hispanica</i>	♀	6	18117	MNCN	S. Cazorla		27	228.5	43.9	15.5	
<i>C. p. hispanica</i>	♀	4	18207	MNCN	S. Cazorla		25	215	41.5	15	
<i>C. p. hispanica</i>	♀	5	18216	MNCN	S. Cazorla		26.5	224	43	16	
<i>C. p. hispanica</i>	♀	7	18222	MNCN	S. Cazorla		26.7	231	45.5	15	
<i>C. p. victoriae</i>	♀	8	18184	MNCN	S. Gredos		31	248	50	18	
<i>C. p. victoriae</i>	♀	8	18189	MNCN	S. Gredos		28	233.5	49	16.5	
<i>C. p. victoriae</i>	♀	6	18191	MNCN	S. Gredos		28.2	239.5	47	16.5	
<i>C. p. victoriae</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. victoriae</i>	♀	6	18201	MNCN	S. Gredos		28.7	232	48	17	
<i>C. p. victoriae</i>	♀	7	18237	MNCN	S. Gredos		26	220.5	43.5	14.6	
<i>C. p. victoriae</i>	♀	5	18252	MNCN	S. Gredos		28	229	47	15.5	
<i>C. p. victoriae</i>	♀	8	18254	MNCN	S. Gredos		29	230.5	46.8	17	
<i>C. p. victoriae</i>	♀	5	18271	MNCN	S. Gredos		28.5	239	47.5	17.5	
cf. <i>C. p. pyrenaica</i>	♂	7	Cap-pyr 15	AMM	Somiedo		37	302.5	59	23.5	
cf. <i>C. p. pyrenaica</i>	♀		ATX 1	Atxuri	Mañaria	I-IV	34.5				28.5
cf. <i>C. p. pyrenaica</i>	♀		ATX 2	Atxuri	Mañaria	IV	35				29.5
cf. <i>C. p. pyrenaica</i>	♀		ATX 3	Atxuri	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	Uratxa	Orozko	III			42.5		
cf. <i>C. p. pyrenaica</i>			URR 2	Uratxa	Orozko	III			47.5		
cf. <i>C. p. pyrenaica</i>	♂		URR 3	Uratxa	Orozko	III	36				27
cf. <i>C. p. pyrenaica</i>	♀		URR 4	Uratxa	Orozko	III	32.5				26
cf. <i>C. p. pyrenaica</i>	♂		URR 5	Uratxa	Orozko	III	34				25.5
cf. <i>C. p. pyrenaica</i>	♀		URR 6	Uratxa	Orozko	III	31.5				24.5
cf. <i>C. p. pyrenaica</i>	♀		URR 7	Uratxa	Orozko	III	30				24.5
cf. <i>C. p. pyrenaica</i>	♀		URR 8	Uratxa	Orozko	III	30.5				25.5
cf. <i>C. p. pyrenaica</i>	♀		URR 9	Uratxa	Orozko	III	30				23
cf. <i>C. p. pyrenaica</i>	♀		URR 10	Uratxa	Orozko	III	29				21
cf. <i>C. p. pyrenaica</i>	♀		URR 11	Uratxa	Orozko	III	30.5				21

TIBIA											
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	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]		(52.5)	
			255	Cova Fosca	Ares del Maestrat	[-220/-224]	(30)		
				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	Bd
<i>C. p. hispanica</i>	♂	10	18070	MNCN	S. Cazorla		33.5	32	21.5
<i>C. p. hispanica</i>	♂	11	18073	MNCN	S. Cazorla		33	32	21.5
<i>C. p. hispanica</i>	♂	11	18075	MNCN	S. Cazorla		32.5	31	21
<i>C. p. hispanica</i>	♂	11	18124	MNCN	S. Cazorla		34.5	32.6	21.5
<i>C. p. hispanica</i>	♂	8	18127	MNCN	S. Cazorla		32	30	20
<i>C. p. hispanica</i>	♂	8	18130	MNCN	S. Cazorla		32.8	31.5	22
<i>C. p. hispanica</i>	♂	7	18147	MNCN	S. Cazorla		33	31.2	20
<i>C. p. hispanica</i>	♂	8	18151	MNCN	S. Cazorla		34	32	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	AL-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>	♂?		ATXU 10	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>			ATXU 14	Atxuri	Mañaria	Atxuri V-VII	37.5	35	20	25.5			
cf. <i>C. p. pyrenaica</i>			ATXU 15	Atxuri	Mañaria	Atxuri V-VII	39.5	33	22	25			
cf. <i>C. p. pyrenaica</i>			ATXU 16	Atxuri	Mañaria	Atxuri V-VII	35	32.5	19.1	23.5			
cf. <i>C. p. pyrenaica</i>			ATXU 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	Leketio	V	31	28.5	15.5	19.5
cf. <i>C. p. pyrenaica</i>	♀?		LUM 6	Lumentxa	Leketio	V	32	31.5	18.1	21
cf. <i>C. p. pyrenaica</i>	♀?		LUM 7	Lumentxa	Leketio	V	33	31.5	18	21.5
cf. <i>C. p. pyrenaica</i>	♀?		LUM 8	Lumentxa	Leketio	V	30.5	28.5	15.1	19.5
cf. <i>C. p. pyrenaica</i>			LUM 9	Lumentxa	Leketio	V			18.9	22.5
cf. <i>C. p. pyrenaica</i>			OYAL 1	Oyalkoba	Abadiano	III		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	Urtiaga	Deba	D	34.3			21.5
cf. <i>C. p. pyrenaica</i>			P-4	Urtiaga	Deba	D	34.7			22.4
cf. <i>C. p. pyrenaica</i>			P-5	Urtiaga	Deba	D	34.8	32.9	19.5	22.7
cf. <i>C. p. pyrenaica</i>			P-6	Urtiaga	Deba	D	35		19.4	
cf. <i>C. p. pyrenaica</i>			P-7	Urtiaga	Deba	D	35	32.6	19.4	21.5
cf. <i>C. p. pyrenaica</i>			P-8	Urtiaga	Deba	D	35.1	32.8	18.9	22.7
cf. <i>C. p. pyrenaica</i>			P-9	Urtiaga	Deba	D	35.2	33.1	19.5	22.6
cf. <i>C. p. pyrenaica</i>			P-10	Urtiaga	Deba	D	35.2	33.4	19.2	22.7
cf. <i>C. p. pyrenaica</i>			P-11	Urtiaga	Deba	D	36	34.9	19.5	23.2
cf. <i>C. p. pyrenaica</i>			P-12	Urtiaga	Deba	D	36	33.9	20	23
cf. <i>C. p. pyrenaica</i>			P-13	Urtiaga	Deba	D	36.1	34	19.9	23.9
cf. <i>C. p. pyrenaica</i>			P-14	Urtiaga	Deba	D	36.3	33.9	19.5	23.7
cf. <i>C. p. pyrenaica</i>			P-15	Urtiaga	Deba	D	36.3	34.3	20	23.3
cf. <i>C. p. pyrenaica</i>			P-16	Urtiaga	Deba	D	37	35.4		
cf. <i>C. p. pyrenaica</i>			P-17	Urtiaga	Deba	D	34.2	34.8	20	25
cf. <i>C. p. pyrenaica</i>			P-18	Urtiaga	Deba	D	37.2	34.8	19.7	23.6
cf. <i>C. p. pyrenaica</i>			P-19	Urtiaga	Deba	D	37.3	34	19.7	23.7
cf. <i>C. p. pyrenaica</i>			P-20	Urtiaga	Deba	D	37.3	34.2	20.9	23.7
cf. <i>C. p. pyrenaica</i>			P-21	Urtiaga	Deba	D	37.6	34.4	21.2	24.2
cf. <i>C. p. pyrenaica</i>			P-22	Urtiaga	Deba	D	37.7	35	20.6	24
cf. <i>C. p. pyrenaica</i>			P-23	Urtiaga	Deba	D	38.2	36	20.9	25.4

ASTRAGALUS									
Sub-species	Sex	Age (years)	Code	Collection/ Site	Location	Level	GLI	GLm	Bd
cf. <i>C. p. pyrenaica</i>			P-24	Urtiaga	Deba	D	38.4	36.4	21.1 25.2
cf. <i>C. p. pyrenaica</i>			P-25	Urtiaga	Deba	D	38.6	38	21.1 24.7
cf. <i>C. p. pyrenaica</i>			P-26	Urtiaga	Deba	D	38.7	36	21.5 25.7
cf. <i>C. p. pyrenaica</i>			P-27	Urtiaga	Deba	D	39	35.5	22.1 26.1
cf. <i>C. p. pyrenaica</i>			P-28	Urtiaga	Deba	D	39.4	36.2	21.5 26.2
cf. <i>C. p. pyrenaica</i>			P-29	Urtiaga	Deba	D	37.5	37.6	21.4 27
cf. <i>C. p. pyrenaica</i>			P-30	Urtiaga	Deba	D	40	31.7	18.7 25.5
cf. <i>C. p. pyrenaica</i>			P-31	Urtiaga	Deba	D	40.5	36.7	22.3 28
cf. <i>C. p. pyrenaica</i>			P-32	Urtiaga	Deba	E	37.3	38.2	23.3 23.8
cf. <i>C. p. pyrenaica</i>			P-33	Urtiaga	Deba	E	40.6	34.7	20 27.4
cf. <i>C. p. pyrenaica</i>			P-34	Urtiaga	Deba	F	34	37.5	22.1 21.5
cf. <i>C. p. pyrenaica</i>			P-35	Urtiaga	Deba	F	38.3	35.3	21 24.1
cf. <i>C. p. pyrenaica</i>			P-36	Urtiaga	Deba	F	38.8	36.5	21.1 24.8
cf. <i>C. p. pyrenaica</i>			P-37	Urtiaga	Deba	F	39.3	37	21.1 26.4
cf. <i>C. p. pyrenaica</i>			P-38	Ermittia	Deba	Azilian	33.5	31.3	19 22.1
cf. <i>C. p. pyrenaica</i>			P-39	Ermittia	Deba	Magdalenian	34.5	32.5	18.5 22.1
cf. <i>C. p. pyrenaica</i>			P-40	Ermittia	Deba	Magdalenian	36.4	33.2	19.2 23.7
cf. <i>C. p. pyrenaica</i>			P-41	Ermittia	Deba	Magdalenian	37	35	20.3 23.5
cf. <i>C. p. pyrenaica</i>			P-42	Ermittia	Deba	Solutrean	37.7	35	20.3 24.5
cf. <i>C. p. pyrenaica</i>			P-43	Ermittia	Deba	Solutrean	39.2	37.5	21.2 27
cf. <i>C. p. pyrenaica</i>			P-44	Rascaño	Mirones		31.5		23
cf. <i>C. p. pyrenaica</i>			P-45	Rascaño	Mirones		32		21
cf. <i>C. p. pyrenaica</i>			P-46	Rascaño	Mirones		32.5		20
cf. <i>C. p. pyrenaica</i>			P-47	Rascaño	Mirones		32.5		23.5
cf. <i>C. p. pyrenaica</i>			P-48	Rascaño	Mirones		33		22
cf. <i>C. p. pyrenaica</i>			P-49	Riera	Llanares		33		22.5
cf. <i>C. p. pyrenaica</i>			P-50	Rascaño	Mirones		33.5		22
cf. <i>C. p. pyrenaica</i>			P-51	Rascaño	Mirones		33.5		22.5
cf. <i>C. p. pyrenaica</i>			P-52	Rascaño	Mirones		33.5		24
cf. <i>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
cf. <i>C. p. pyrenaica</i>			P-54	Rascaño	Mirones		34			22
cf. <i>C. p. pyrenaica</i>			P-55	Rascaño	Mirones		34			22
cf. <i>C. p. pyrenaica</i>			P-56	Rascaño	Mirones		34			22
cf. <i>C. p. pyrenaica</i>			P-57	Rascaño	Mirones		34.5			21
cf. <i>C. p. pyrenaica</i>			P-58	Rascaño	Mirones		34.5			21.5
cf. <i>C. p. pyrenaica</i>			P-59	Rascaño	Mirones		34.5			21.5
cf. <i>C. p. pyrenaica</i>			P-60	Riera	Llanes		34.5			21.5
cf. <i>C. p. pyrenaica</i>			P-61	Tito Bustillo	Ribadesella		34.5			23
cf. <i>C. p. pyrenaica</i>			p-62	Riera	Llanes		34.5			23
cf. <i>C. p. pyrenaica</i>			p-63	Rascaño	Mirones		35			23.5
cf. <i>C. p. pyrenaica</i>			p-64	Rascaño	Mirones		35			21.5
cf. <i>C. p. pyrenaica</i>			p-65	Rascaño	Mirones		35			21.5
cf. <i>C. p. pyrenaica</i>			p-66	Rascaño	Mirones		35			22
cf. <i>C. p. pyrenaica</i>			P-67	Rascaño	Mirones		35			22
cf. <i>C. p. pyrenaica</i>			P-68	Rascaño	Mirones		35			22.5
cf. <i>C. p. pyrenaica</i>			P-69	Rascaño	Mirones		35			22.5
cf. <i>C. p. pyrenaica</i>			P-70	Rascaño	Mirones		35			23
cf. <i>C. p. pyrenaica</i>			P-71	Rascaño	Mirones		35			23.5
cf. <i>C. p. pyrenaica</i>			P-72	Rascaño	Mirones		35			24
cf. <i>C. p. pyrenaica</i>			P-73	Rascaño	Mirones		35.5			24.5
cf. <i>C. p. pyrenaica</i>			P-74	Rascaño	Mirones		35.5			21.5
cf. <i>C. p. pyrenaica</i>			P-75	Rascaño	Mirones		35.5			22
cf. <i>C. p. pyrenaica</i>			P-76	Rascaño	Mirones		35.5			22
cf. <i>C. p. pyrenaica</i>			P-77	Rascaño	Mirones		35.5			22
cf. <i>C. p. pyrenaica</i>			P-78	Rascaño	Mirones		35.5			23
cf. <i>C. p. pyrenaica</i>			P-79	Tito Bustillo	Ribadesella		35.5			23.5
cf. <i>C. p. pyrenaica</i>			P-80	Rascaño	Mirones		36			22
cf. <i>C. p. pyrenaica</i>			P-81	Rascaño	Mirones		36			22
cf. <i>C. p. pyrenaica</i>			P-82	Rascaño	Mirones		36			22.5
cf. <i>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>			POL 1	Polvorin	Carranza	VI	38	35.5	20.5	23.5
cf. <i>C. p. pyrenaica</i>			POL 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>			URRA6	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	GLJ	GLm	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)
				Cova Fosca	Ares del Maestrat	[-120]	(35)	(33.5)	(19)
				Cova Fosca	Ares del Maestrat	[-89/-128]	35	33	18.5
				Cova Fosca	Ares del Maestrat	[-119]	33	31	
				Cova Fosca	Ares del Maestrat	[-120/-130]	31.5		17.5
				Cova Fosca	Ares del Maestrat	[-120/-130]	(32.5)	(30.5)	(18.5)
				Cova Fosca	Ares del Maestrat	[-170/-177]	(36.5)	(33.5)	(20)
				Cova Fosca	Ares del Maestrat	[-170/-177]	(35)	(24)	(19)
				Cova Fosca	Ares del Maestrat	[-170/-177]	(32)	(30)	(18)
				Cova Fosca	Ares del Maestrat	[-177/-196]	(35.5)	(34.5)	(19.5)
				Cova Fosca	Ares del Maestrat	[-177/-196]	(35.2)		(22.5)
				Cova Fosca	Ares del Maestrat	[-177/-196]	(35)	(33)	(19)
				Cova Fosca	Ares del Maestrat	[-177/-196]	(34.5)	(33)	(19.5)
				Cova Fosca	Ares del Maestrat	[-177/-196]	(33.5)	(32)	(18.5)
				Cova Fosca	Ares del Maestrat	[-196/-211]	(31)	(29)	(16.4)
			1274	Cova Fosca	Ares del Maestrat	[-196/-211]	(31.4)	(29.3)	(17.7)
			1991	Cova Fosca	Ares del Maestrat	[-196/-211]	(32.8)	(31)	(17.5)
			934	Cova Fosca	Ares del Maestrat	[-196/-211]	32.4	30.3	17.5
			872	Cova Fosca	Ares del Maestrat	[-196/-211]	33.9	32.4	18.8
			1448	Cova Fosca	Ares del Maestrat	[-196/-211]	32	30.3	17.3
			766	Cova Fosca	Ares del Maestrat	[-196/-211]	28.5	27	16.8
			1261	Cova Fosca	Ares del Maestrat	[-196/-211]	28.9	27	16
			1290	Cova Fosca	Ares del Maestrat	[-196/-211]	31.8	(29.9)	17
			1256	Cova Fosca	Ares del Maestrat	[-196/-211]	31.4	29.3	17.2
			999	Cova Fosca	Ares del Maestrat	[-196/-211]			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	Bd
				Cova Fosca	Ares del Maestrat	[-220/-224]			(19)
			575	Cova Fosca	Ares del Maestrat	[-220/-224]	32	29.6	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	GB
<i>C. p. hispania</i>	♂	7	18130	MNCN	S. Cazorla		69.5 23.5
<i>C. p. hispania</i>	♂	5	18147	MNCN	S. Cazorla		65.5 20.9
<i>C. p. hispania</i>	♂	9	18151	MNCN	S. Cazorla		72 25.8
<i>C. p. hispania</i>	♂	13	18153	MNCN	S. Cazorla		71 25.5
<i>C. p. hispania</i>	♂	13	18155	MNCN	S. Cazorla		71.5 27
<i>C. p. hispania</i>	♂	12	18157	MNCN	S. Cazorla		67 23
<i>C. p. hispania</i>	♀	4	18207	MNCN	S. Cazorla		57.5 20
<i>C. p. hispania</i>	♀	5	18216	MNCN	S. Cazorla		59.5 20
<i>C. p. hispania</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. vitoriae</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>			BO10	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	Leketio	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	Urtiaga	Deba		71	24
cf. <i>C. p. pyrenaica</i>			P-9	Urtiaga	Deba		71.5	25
cf. <i>C. p. pyrenaica</i>			P-10	Urtiaga	Deba		72	25

CALCANEUS							
Sub-species	Sex	Age (years)	Code	Collection/ site	Location	Level	GB
cf. <i>C.p. pyrenaica</i>			P-11	Urtiaga	Deba		72
cf. <i>C.p. pyrenaica</i>			P-12	Urtiaga	Deba		73.5
cf. <i>C.p. pyrenaica</i>			P-13	Riera	Llanes		74.5
cf. <i>C.p. pyrenaica</i>			P-14	Urtiaga	Deba		74.5
cf. <i>C.p. pyrenaica</i>			P-15	Rascaño	Mirones		75
cf. <i>C.p. pyrenaica</i>			P-16	Rascaño	Mirones		78.5
cf. <i>C.p. pyrenaica</i>			P-17	Rascaño	Mirones		78.5
cf. <i>C.p. pyrenaica</i>			P-18	Rascaño	Mirones		78.5
cf. <i>C.p. pyrenaica</i>			P-19	Arenaza	Galdames		79
cf. <i>C.p. pyrenaica</i>			P-20	Rascaño	Mirones		79
cf. <i>C.p. pyrenaica</i>			P-21	Rascaño	Mirones		79.5
cf. <i>C.p. pyrenaica</i>			P-22	Rascaño	Mirones		80
cf. <i>C.p. pyrenaica</i>			P-23	Rascaño	Mirones		80.5
cf. <i>C.p. pyrenaica</i>			P-24	Arenaza	Galdames		81.5
cf. <i>C.p. pyrenaica</i>			P-25	Rascaño	Mirones		81.5
cf. <i>C.p. pyrenaica</i>			P-26	Rascaño	Mirones		81.5
cf. <i>C.p. pyrenaica</i>			P-27	Urtiaga	Deba		81.5
cf. <i>C.p. pyrenaica</i>			P-28	Urtiaga	Deba		84.5
cf. <i>C.p. pyrenaica</i>			P-29	Aitzbitarte	Rentería	IV	86
cf. <i>C.p. pyrenaica</i>	♀?		SA 1	Santimamiñe	Kortezubi		70
cf. <i>C.p. pyrenaica</i>	♀?		SA 2	Santimamiñe	Kortezubi		71.5
cf. <i>C.p. pyrenaica</i>	♂?		SA 3	Santimamiñe	Kortezubi		77.5
cf. <i>C.p. pyrenaica</i>	♂?		SA 4	Santimamiñe	Kortezubi		77.5
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
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	GL	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	Somiedo		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	10.9
<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	10.8
<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	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	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	GL	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									
				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
			555	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