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## SUPPLEMENTARY ONLINE MATERIAL FOR

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### **Ecomorphology of radii in Canidae: Application to fragmentary fossils from Plio-Pleistocene hominin assemblages.**

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#### **Supplementary Online Material**

##### **List of extant skeletal specimens whose radius morphometry was analysed.**

Abbreviations: B.M.N.H.; British Museum of Natural History, London, UK; R.M.C.A.; Royal Museum for Central Africa, Tervuren, Belgium; L, Left; R, Right; O, Open; M, Mixed; C, Closed. Ecology is for specimens used only in ecological and not taxonomical analyses. Outliers were not included in any discriminant analyses.

Species	Catalogue Number	L/R	Prey Size	O/M/C	Analyses
<i>Alopex lagopus</i>	B.M.N.H. 1938.1.22.3	L	Small-Medium	O	All
<i>Alopex lagopus</i>	B.M.N.H. 1938.1.22.6	L	Small-Medium	O	All
<i>Alopex lagopus</i>	B.M.N.H. 1938.1.22.1	L	Small-Medium	O	All
<i>Alopex lagopus</i>	B.M.N.H. 1938.1.22.2	L	Small-Medium	O	All
<i>Alopex lagopus</i>	B.M.N.H. 1938.1.22.4	L	Small-Medium	O	All
<i>Alopex lagopus</i>	B.M.N.H. 1938.1.22.7	L	Small-Medium	O	All

<i>Alopex lagopus</i>	B.M.N.H. 1938.1.22.8	R	Small-Medium	O	All
<i>Alopex lagopus</i>	B.M.N.H. 1934.10.12.3	L	Small-Medium	O	All
<i>Alopex lagopus</i>	B.M.N.H. 1934.10.12.4	R	Small-Medium	O	All
<i>Alopex lagopus</i>	B.M.N.H. 2002.89	L	Small-Medium	O	All
<i>Canis adustus</i>	R.M.C.A. 3921	R	Small-Medium	O	All
<i>Canis adustus</i>	R.M.C.A. 9329	L	Small-Medium	O	All
<i>Canis adustus</i>	R.M.C.A. 9330	R	Small-Medium	O	All
<i>Canis adustus</i>	R.M.C.A. 17190	R	Small-Medium	O	All
<i>Canis adustus</i>	B.M.N.H. 1940.1.20.15	L	Small-Medium	O	All
<i>Canis aureus</i>	B.M.N.H. 67.79	L	Small-Medium	O	All
<i>Canis aureus</i>	B.M.N.H. 75.2312	R	Small-Medium	O	All
<i>Canis aureus</i>	B.M.N.H. 92.7.16.1	L	Small-Medium	O	All
<i>Canis aureus</i>	B.M.N.H. 816.c.	L	Small-Medium	O	All
<i>Canis dingo</i>	B.M.N.H. 1868.4.14.1_167.f	L	Large	O	All
<i>Canis dingo</i>	B.M.N.H. 1952.4.9.2	R	Large	O	All
<i>Canis latrans</i>	B.M.N.H. 1969.788	R	Small-Medium	M	All
<i>Canis latrans</i>	B.M.N.H. 1987.1	L	Small-Medium	M	All
<i>Canis latrans</i>	B.M.N.H. 1987.2	R	Small-Medium	M	All
<i>Canis lupus</i>	B.M.N.H. 1863.12.28.14	L	Large	M	All
<i>Canis lupus</i>	B.M.N.H. 1961.9.21.2	L	Large	M	All
<i>Canis lupus</i>	B.M.N.H. 1875.4.10.1_1670.a.	L	Large	M	All
<i>Canis lupus</i>	B.M.N.H. 84.1312	R	Large	M	All
<i>Canis lupus</i>	B.M.N.H. 1981.939	L	Large	M	All

<i>Canis lupus</i>	B.M.N.H. 86.1595	L	Large	M	All
<i>Canis lupus</i>	B.M.N.H. 1936.11.20.1	L	Large	M	All
<i>Canis lupus</i>	B.M.N.H. 1937.2.10.2	L	Large	M	All
<i>Canis lupus</i>	B.M.N.H. 1935.8.5.1	R	Large	M	All
<i>Canis lupus</i>	B.M.N.H. 1855.5.14.11	R	Large	M	All
<i>Canis lupus</i>	B.M.N.H. 1852.3.24.4_168.c.	L	Large	M	All
<i>Canis mesomelas</i>	R.M.C.A. 2164	R	Small-Medium	O	All
<i>Canis mesomelas</i>	R.M.C.A. 2145	L	Small-Medium	O	All
<i>Canis mesomelas</i>	B.M.N.H. 1991.586	R	Small-Medium	O	All
<i>Cerdocyon thous</i>	B.M.N.H. 1903.7.7.167	L	Small-Medium	M	Ecology
<i>Chrysocyon brachyurus</i>	B.M.N.H. 75.2379	L	Small-Medium	O	All
<i>Chrysocyon brachyurus</i>	B.M.N.H. 1944.11.9.2	L	Small-Medium	O	All
<i>Chrysocyon brachyurus</i>	B.M.N.H. 1967.9.28.1	R	Small-Medium	O	All
<i>Chrysocyon brachyurus</i>	B.M.N.H. 1958.12.11.1	L	Small-Medium	O	All
<i>Cuon alpinus</i>	B.M.N.H. 1888.2.5.22_159.d.	L	Large	C	Ecology
<i>Cuon alpinus</i>	B.M.N.H. 1936.4.8.1	L	Large	C	Ecology
<i>Lycaon pictus</i>	R.M.C.A. 15896	R	Large	O	All
<i>Lycaon pictus</i>	R.M.C.A. 1096	R	Large	O	All
<i>Lycaon pictus</i>	R.M.C.A. 2144	L	Large	O	All
<i>Lycaon pictus</i>	B.M.N.H. 1948.3.30.2	L	Large	O	Outlier
<i>Lycaon pictus</i>	B.M.N.H. 1963.9.30.1	R	Large	O	All
<i>Lycaon pictus</i>	B.M.N.H. 1969.162	L	Large	O	All
<i>Lycaon pictus</i>	B.M.N.H. 1901.4.26.1	L	Large	O	All

<i>Nyctereutes procyonoides</i>	B.M.N.H. 1850.8.15.162_186.d.	L	Small-Medium	C	Ecology
<i>Nyctereutes procyonoides</i>	B.M.N.H. 1963.4.25.1	R	Small-Medium	C	Ecology
<i>Otocyon megalotis</i>	B.M.N.H. 1932.6.6.17	R	Small-Medium	M	All
<i>Otocyon megalotis</i>	B.M.N.H. 1952.5.6.5	L	Small-Medium	M	All
<i>Otocyon megalotis</i>	R.M.C.A. 2154	L	Small-Medium	M	All
<i>Otocyon megalotis</i>	R.M.C.A. 2153	L	Small-Medium	M	All
<i>Pseudalopex culpaeus</i>	B.M.N.H. 1847.4.20.1_184.B.	L	Small-Medium	O	Outlier
<i>Pseudalopex culpaeus</i>	B.M.N.H. 1847.11.3.8_184.B.	L	Small-Medium	O	Outlier
<i>Pseudalopex culpaeus</i>	B.M.N.H. 817.a.	R	Small-Medium	O	All
<i>Pseudalopex fulvipes</i>	B.M.N.H. 996.a	L	Small-Medium	C	All
<i>Pseudalopex griseus</i>	B.M.N.H. 1951.8.28.7	L	Small-Medium	O	All
<i>Pseudalopex griseus</i>	B.M.N.H. 1951.8.28.2	R	Small-Medium	O	All
<i>Pseudalopex griseus</i>	B.M.N.H. 1951.8.28.12	R	Small-Medium	O	All
<i>Pseudalopex griseus</i>	B.M.N.H. 1951.8.28.6	R	Small-Medium	O	All
<i>Pseudalopex griseus</i>	B.M.N.H. 1951.8.28.9	L	Small-Medium	O	All
<i>Pseudalopex griseus</i>	B.M.N.H. 1951.8.28.1	L	Small-Medium	O	All
<i>Pseudalopex griseus</i>	B.M.N.H. 1951.8.28.3	L	Small-Medium	O	All
<i>Speothos venaticus</i>	NHM 1952.1086	L	Small-Medium	C	Ecology
<i>Speothos venaticus</i>	B.M.N.H.) 1966.1.24.1	R	Small-Medium	C	Ecology
<i>Urocyon cinereoargenteus</i>	NHM 1850.11.22.62_179.d.	R	Small-Medium	M	Ecology
<i>Urocyon cinereoargenteus</i>	NHM 1952.616	R	Small-Medium	M	Ecology
<i>Vulpes bengalensis</i>	B.M.N.H. 75.2324_indv.1	L	Small-Medium	M	All

<i>Vulpes bengalensis</i>	B.M.N.H. 75.2324_indv.2	L	Small-Medium	M	All
<i>Vulpes bengalensis</i>	B.M.N.H. 75.2323	L	Small-Medium	M	All
<i>Vulpes zerda</i>	B.M.N.H. 1865.12.8.4_182.d.	R	Small-Medium	O	All
<i>Vulpes zerda</i>	B.M.N.H. 80.866	L	Small-Medium	O	All
<i>Vulpes zerda</i>	R.M.C.A. 77045 M06	R	Small-Medium	O	All
<i>Vulpes pallida</i>	B.M.N.H. 1948.7.12.15	L	Small-Medium	O	All
<i>Vulpes pallida</i>	R.M.C.A. 73015M305	L	Small-Medium	O	All
<i>Vulpes rueppellii</i>	R.M.C.A. 35723	L	Small-Medium	O	All
<i>Vulpes vulpes</i>	B.M.N.H. 45.76	R	Small-Medium	M	All
<i>Vulpes vulpes</i>	B.M.N.H. 45.57	R	Small-Medium	M	All
<i>Vulpes vulpes</i>	B.M.N.H. 45.79	R	Small-Medium	M	All
<i>Vulpes vulpes</i>	B.M.N.H. 2002.471	L	Small-Medium	M	All
<i>Vulpes vulpes</i>	B.M.N.H. 1992.541	L	Small-Medium	M	All
<i>Vulpes vulpes</i>	B.M.N.H. 45.59	R	Small-Medium	M	All
<i>Vulpes vulpes</i>	B.M.N.H. 45.61	R	Small-Medium	M	All
<i>Vulpes vulpes</i>	B.M.N.H. 1933.4.5.1	L	Small-Medium	M	All
<i>Vulpes vulpes</i>	B.M.N.H. 45.81	R	Small-Medium	M	All
<i>Vulpes vulpes</i>	B.M.N.H. 45.80	R	Small-Medium	M	All
<i>Vulpes vulpes</i>	R.M.C.A. 85054M3	R	Small-Medium	O	All