

HOW TO CITE:

Rossouw L. Morphological variation in the distal phalanges of the springbok, *Antidorcas marsupialis* (Zimmermann, 1780) (Mammalia: Bovidae) [supplementary material]. S Afr J Sci. 2022;118(3/4), Art. #10452. <https://doi.org/10.17159/sajs.2022/10452/suppl>

Supplementary table 1: Catalogue numbers of *A.m. hofmeyri* specimens measured in the present study. *A. m. marsupialis* measurements were published by Peters and Brink (1992) from specimens obtained from the following institutions: IPM: Institut für Palaeoanatomie, München; KMMA: Koninklijk Museum voor Midden-Afrika, Tervuren; MMK: McGregor Museum, Kimberley; NMB: National Museum, Bloemfontein; SAM: South African Museum, Cape Town; TMP: Transvaal Museum, Pretoria; ZSM: Zoologische Staatssammlung, München.

***Antidorcas marsupialis marsupialis* (including manus and pedis n=37)**

NMB6019; NMB6020; IPM14; IPM15; IPM17; MMK M1374; SAM36034; SAM37117; SAM37166; SAM36290; SAM36299; SAM40438; TMP AZ179; TMP Z1477; TMP AZ1032; TMP AZ1496; TMP16428; TMP18750; ZSM1976 32

***Antidorcas marsupialis hofmeyri* (including manus and pedis n=31)**

NMB6096; NMB7418; NMB7419; NMB7422; NMB7423; NMB7424; NMB7432; NMB7433; NMB7434; NMB7435; NMB7436; NMB7421; NMB7420; NMB7425; NMB7426; NMB7431

Supplementary table 2: Distal phalanges standard measurements for male and female *A marsupialis*

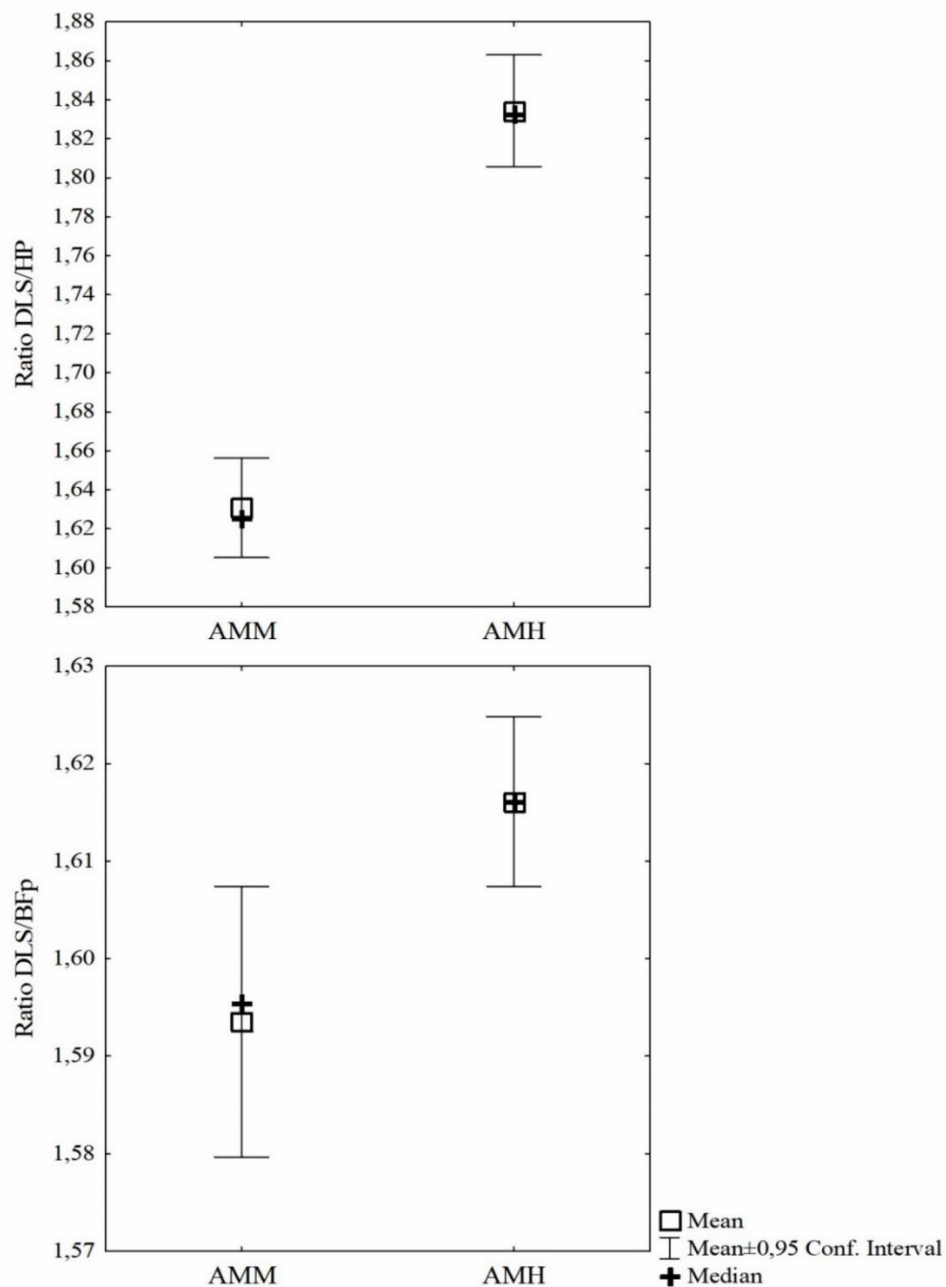
	DLS	Ld	HP	BFp	DLS	Ld	HP	BFp
<i>A m. marsupialis</i> (manus)					<i>A m. marsupialis</i> (pedis)			
NMB6020 M	28.50	24.00	16.60	7.50	26.00	22.50	16.60	7.70
SAM36034 M	28.50	24.00	16.90	8.60	28.00	24.50	17.20	8.40
SAM37117 M	29.00	23.50	18.20	8.90	29.00	23.50	18.60	8.80
SAM37166 M	28.50	23.50	18.00	8.80	28.00	23.50	18.10	8.50
TMP AZ1496 M	28.50	23.50	17.60	8.40	27.50	22.50	18.60	8.10
TMP16428 M	28.50	24.00	18.00	8.50	28.00	23.00	17.10	8.50
ZSM1976 32 M	29.00	25.00	18.60	8.20	27.00	22.50	16.20	7.80
IPM14 F	30.00	24.50	17.30	9.70	29.00	23.50	17.40	8.40
IPM15 F	26.50	22.50	16.90	7.60	29.50	24.50	17.90	9.20
IPM17 F	28.50	24.50	18.00	8.50	25.50	22.00	17.10	7.30
MMK M1374 F	28.50	23.00	15.80	7.50	28.50	23.50	18.30	8.20
NMB6019 F	27.00	23.50	17.00	7.50	27.50	22.50	15.80	7.80
SAM36290 F	26.50	22.50	15.90	7.80	26.00	22.50	16.00	7.70
SAM36299 F	28.50	24.50	17.60	8.20	27.50	22.50	15.80	7.20
SAM40438 F	27.50	22.00	17.00	7.40	29.00	24.00	17.60	7.80
TMP AZ179 F	26.00	22.00	14.80	7.50	27.00	22.00	17.30	7.50
<i>A m. hofmeyri</i> (manus)					<i>A m. hofmeyri</i> (pedis)			
NMB7418 M	36.50	31.20	19.80	9.20	35.90	30.00	18.70	9.40
NMB7419 M	37.40	33.40	19.40	9.00	37.60	33.00	18.30	9.00
NMB7422 M	36.10	31.00	19.70	9.20	36.60	30.90	19.00	9.00
NMB7423 M	37.40	32.10	20.20	9.10	37.20	32.00	19.90	9.40
NMB7424 M	36.40	31.20	19.30	9.00	35.30	30.10	18.70	9.30
NMB7432 M	36.50	32.20	21.50	9.40	37.00	33.10	20.70	9.80
NMB7433 M	37.60	31.60	20.10	8.80	35.00	30.10	20.00	9.00
NMB7434 M	36.50	31.20	20.70	10.10	36.00	30.80	20.20	9.40
NMB7435 M	34.50	30.20	20.00	9.00	34.20	29.80	19.30	8.70
NMB7436 M	35.80	30.90	19.90	8.90	35.30	30.10	19.60	9.30
NMB7421 F	34.20	28.90	19.70	8.90	35.00	29.00	18.30	9.20
NMB7420 F	33.00	27.40	17.70	8.80	32.10	26.70	17.70	8.90
NMB7425 F	34.20	29.50	18.70	8.70	34.50	29.80	18.20	8.80
NMB7426 F	33.40	27.60	18.60	8.70	32.80	27.20	18.60	9.20
NMB7431 F	35.00	29.40	18.10	9.00	34.00	28.80	18.50	8.70

DLS, (greatest) diagonal length of sole; Ld, length of dorsal surface; HP, height in the region of the extensor process; BFp, (greatest) breadth of the proximal articular surface

Supplementary table 3: Means for dimensions DLS, Ld and HP in the front and hind distal phalanges, respectively

Manus/Pedis	<i>n</i>	DLS	Ld	HP
<i>A. m. marsupialis</i> (manus)	18	35.63	30.52	19.56
<i>A. m. marsupialis</i> (pedis)	19	27.39	22.89	17.03
<i>A. m. hofmeyri</i> (manus)	15	35.63	30.52	19.56
<i>A. m. hofmeyri</i> (pedis)	16	35.05	29.94	19.10

DLS, (greatest) diagonal length of sole; Ld, length of dorsal surface; HP, height in the region of the extensor process; BFP, (greatest) breadth of the proximal articular surface



Supplementary figure 1: Mean whisker plots of ratios DLS:HP and DLS:BFP grouped by subspecies *A. m. marsupialis* (AMM) and *A. m. hofmeyri* (AMH).