

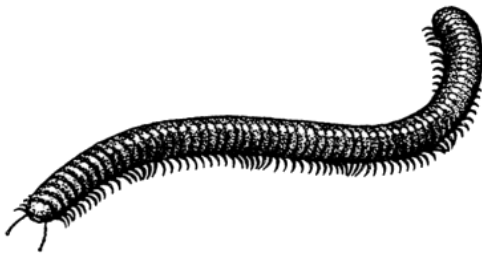
A Field Guide to the
ANIMAL TRACKS
of Southern Africa

Louis Liebenberg



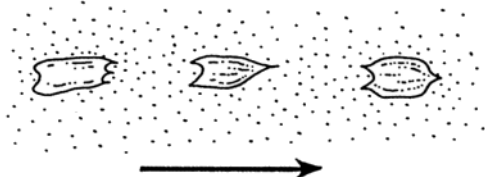
David Philip Publishers
Cape Town & Johannesburg

INVERTEBRATES

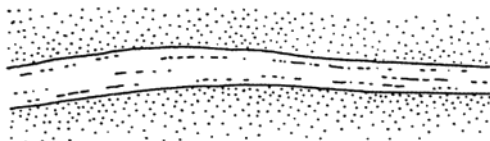




1 Earthworm



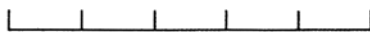
2.1 Snail



2.2 Slug



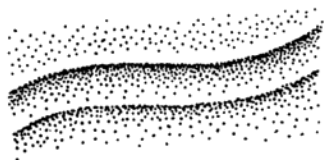
Leaf rolling in wind



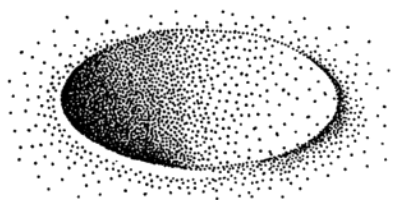
cm
Actual size



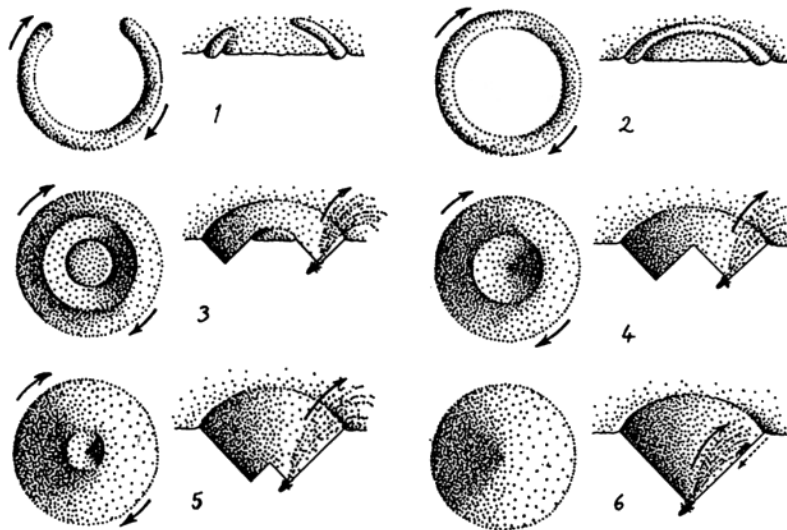
3 Millipede



4a Antlion larva spoor



4b Antlion larva pit



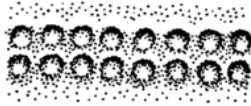
Pit construction



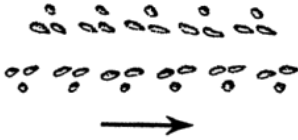
cm
Actual size



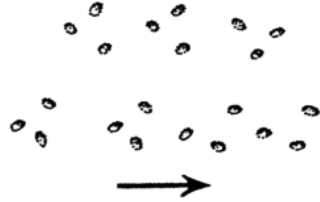
5a Caterpillar



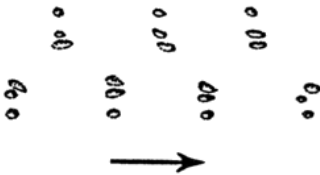
5b Small caterpillar



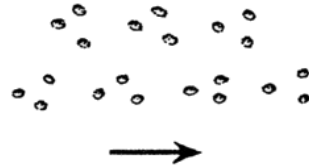
6.1 Termite



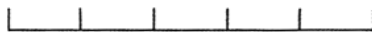
6.2a Ant



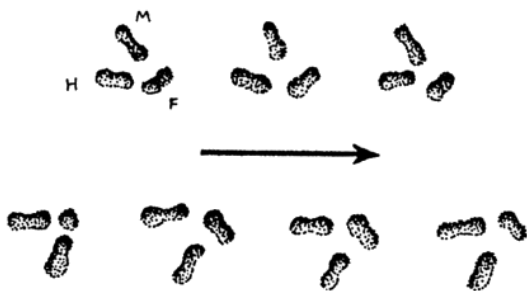
6.2b Ant



6.3 Mutillid wasp



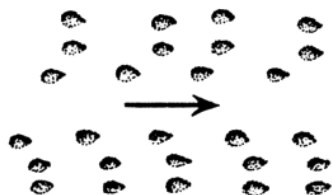
cm
Actual size



7.1a Tenebrionid beetle (typical spore)



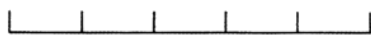
7.1b Small tenebrionid beetle



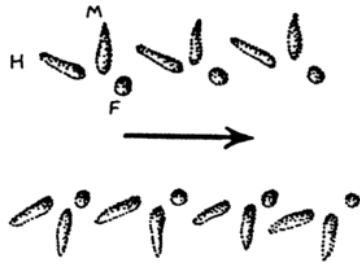
7.1c Tenebrionid beetle (variation)



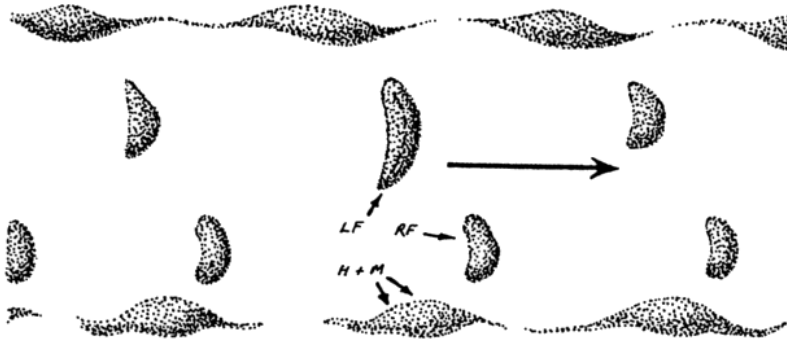
7.1d Tenebrionid beetle (running spore)



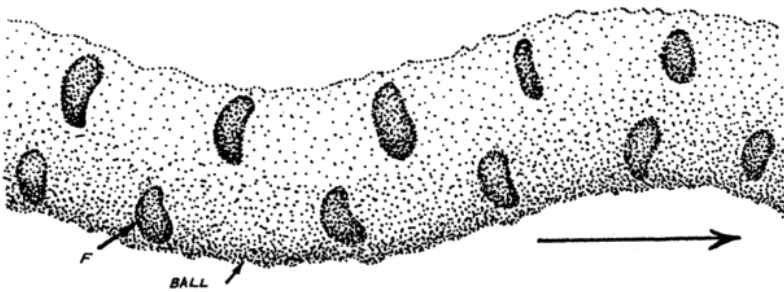
cm
Actual size



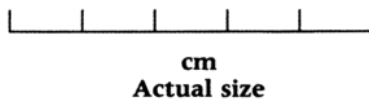
7.3d Rhinoceros beetle

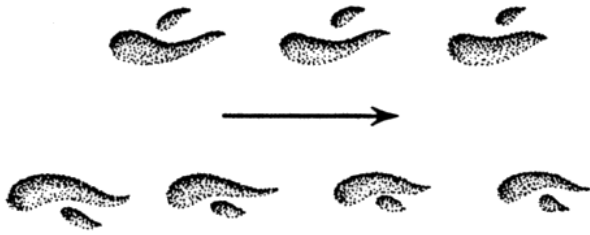


7.3a African dung beetle

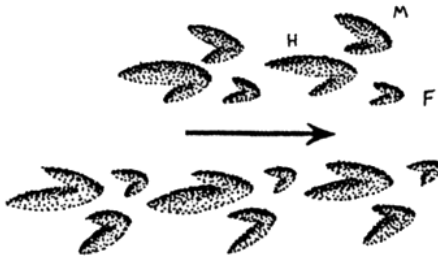


7.3b Dung beetle rolling ball of dung

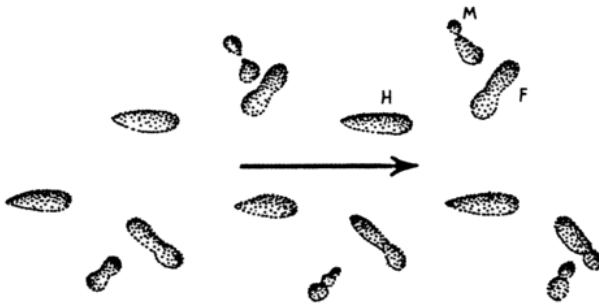




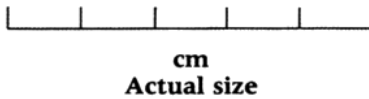
7.2b Ground beetle

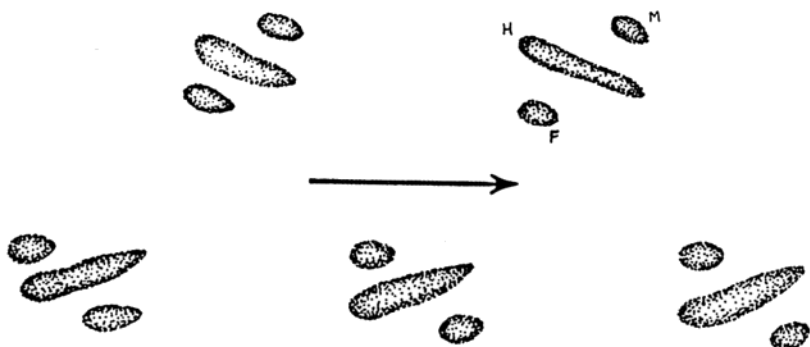


7.3c Dung beetle

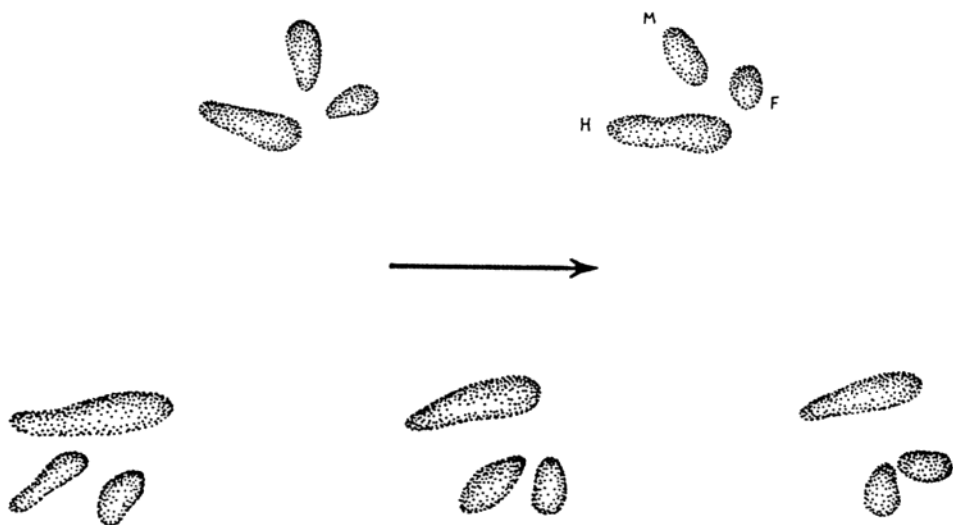


8.1 Grasshopper

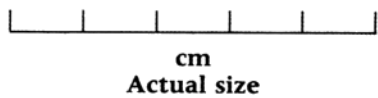


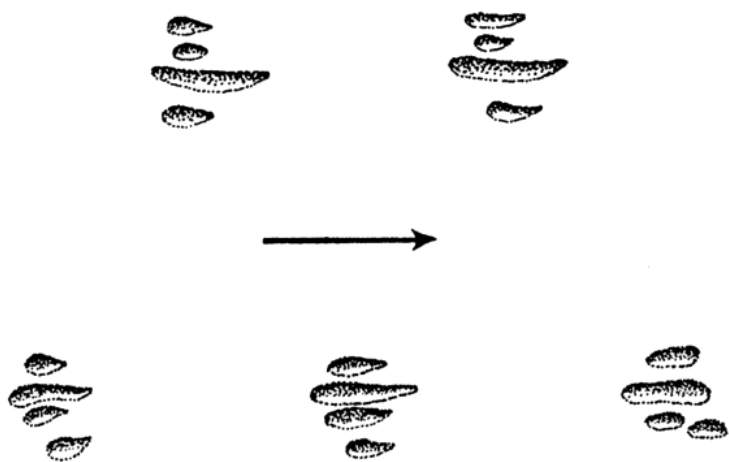


7.2a Ground beetle

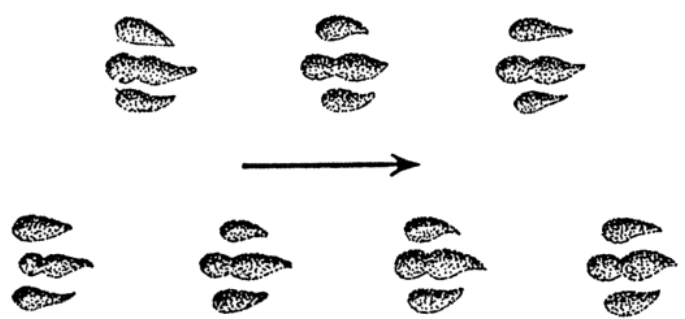


8.2 Armoured ground cricket

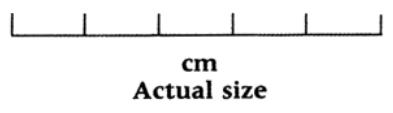


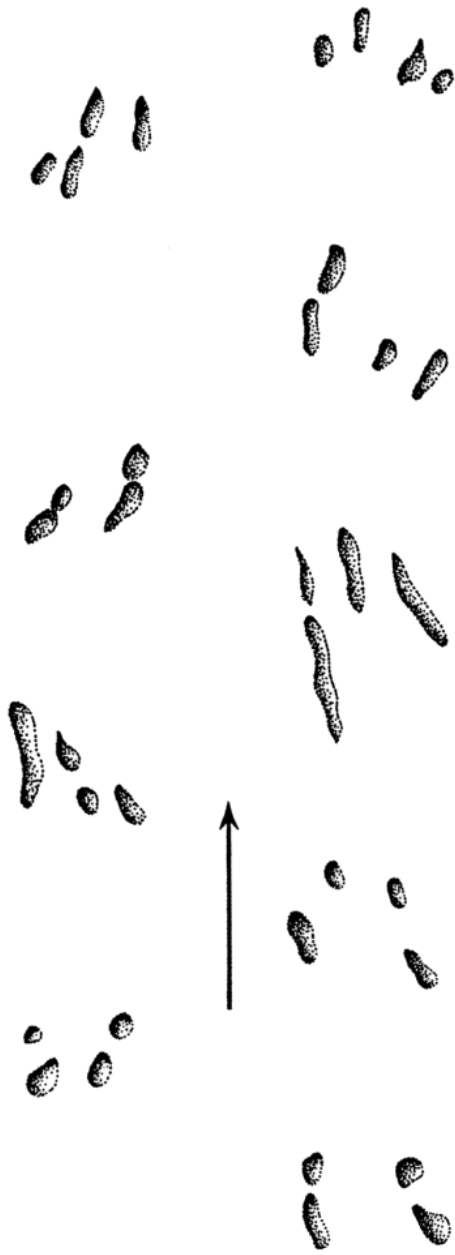


9.1a Scorpion



9.1b Scorpion

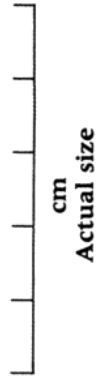




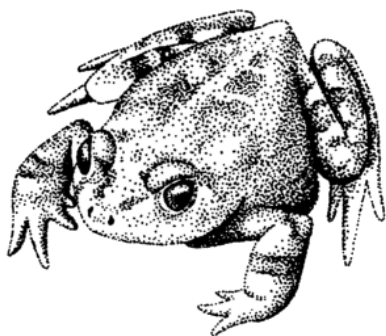
9.2a Walk

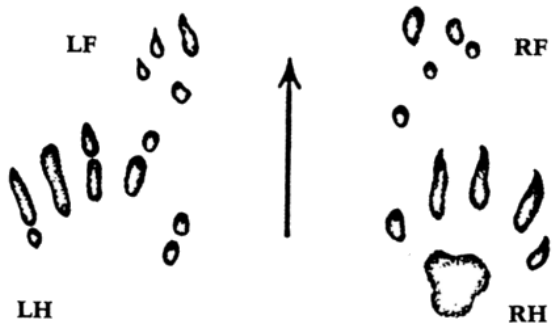
9.2b Run

9.2 Hunting spider

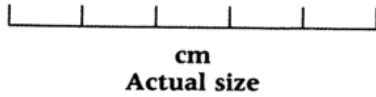


AMPHIBIANS

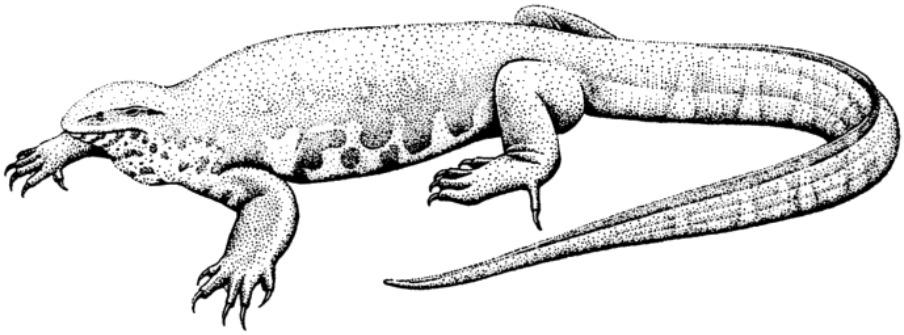


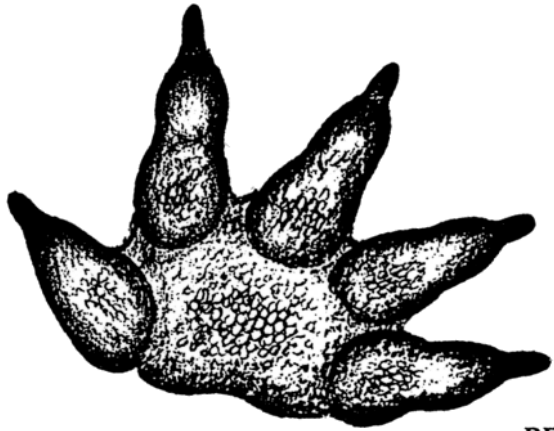


10 Toad (hopping spoor)

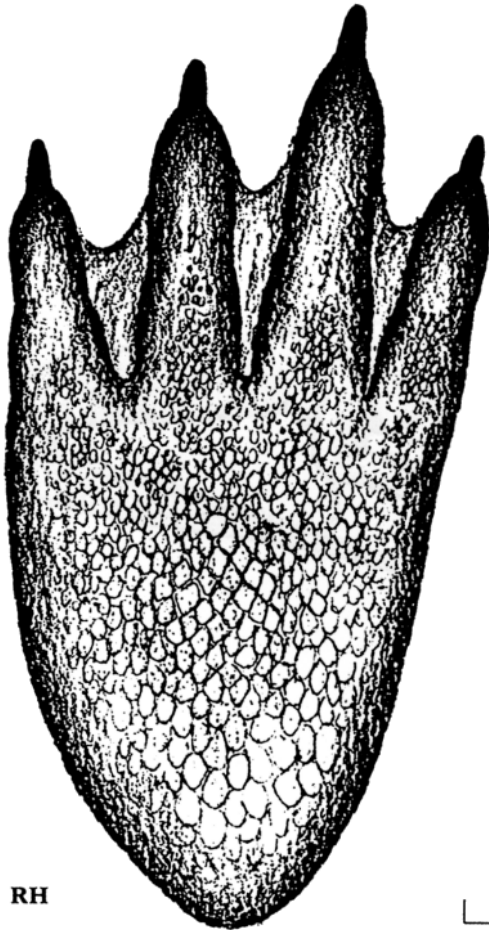


REPTILES



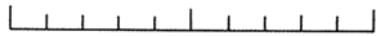


RF

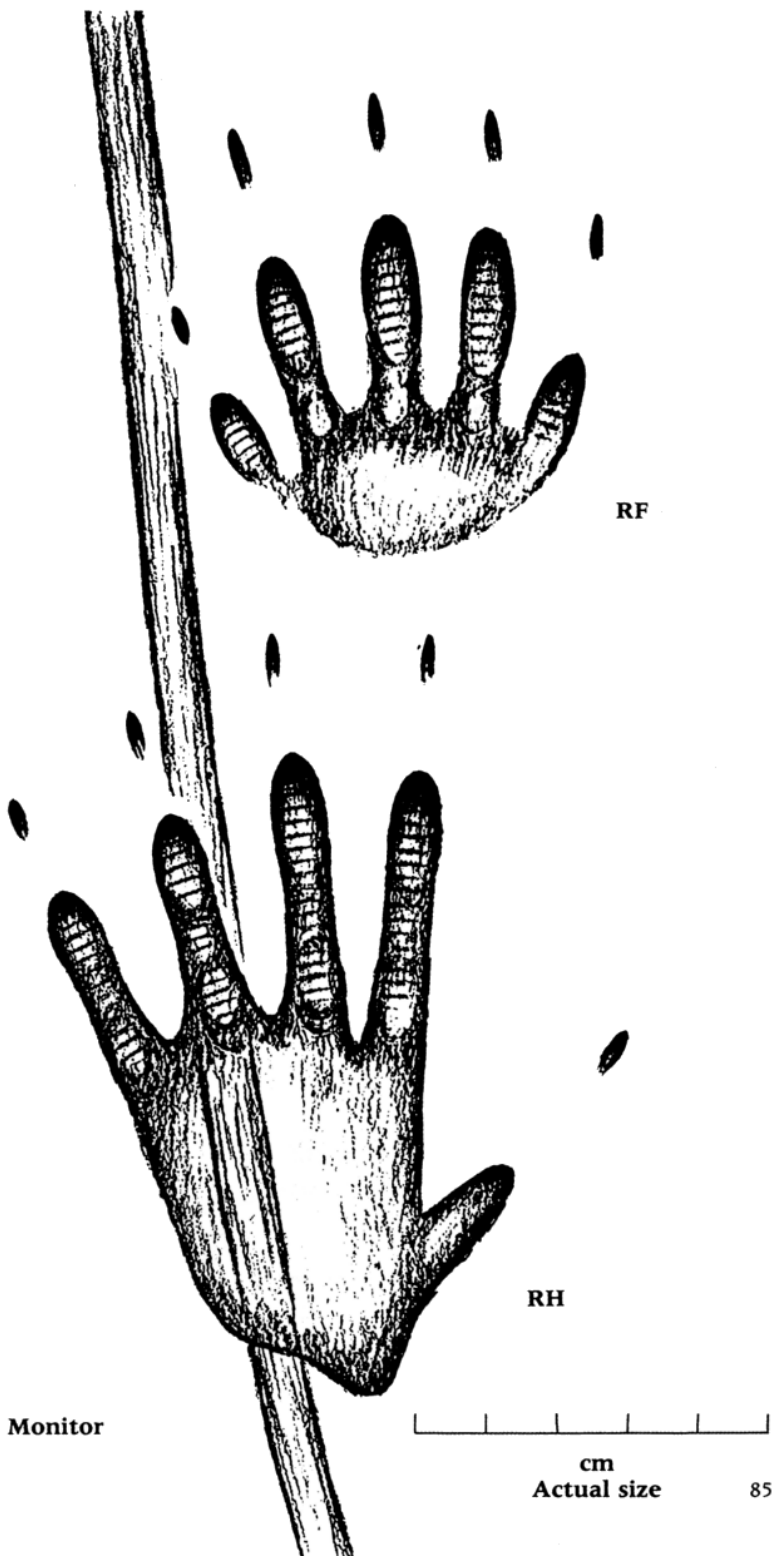


RH

11 Nile Crocodile



cm
Reduced



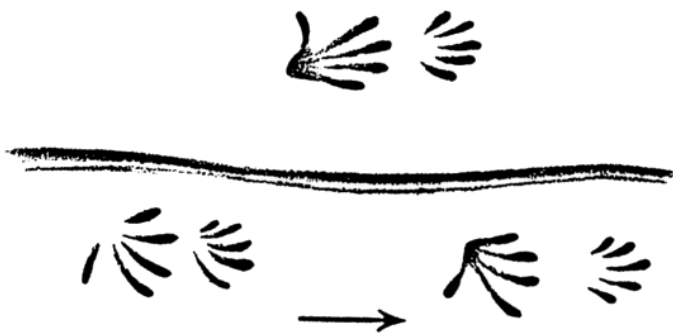
12.1 Monitor

RH

RF



cm
Actual size



12.2a Skink



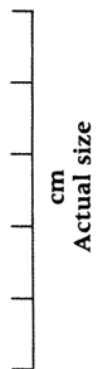
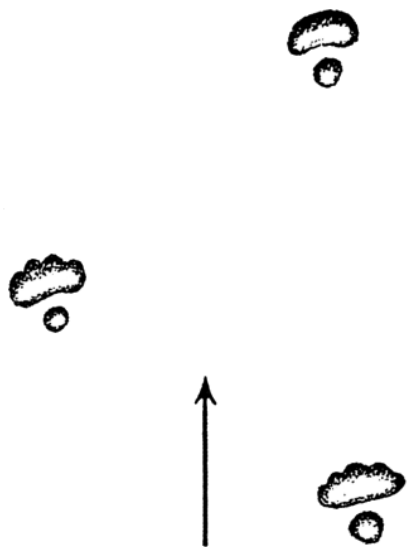
12.2b Legless Skink



12.3 Lizard



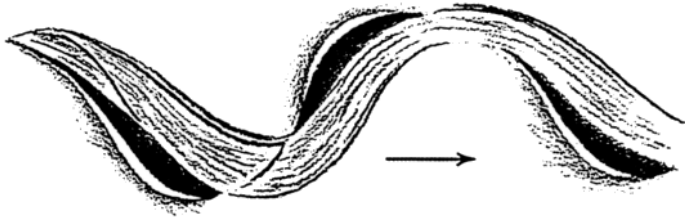
cm
Actual size



12.6 Gecko

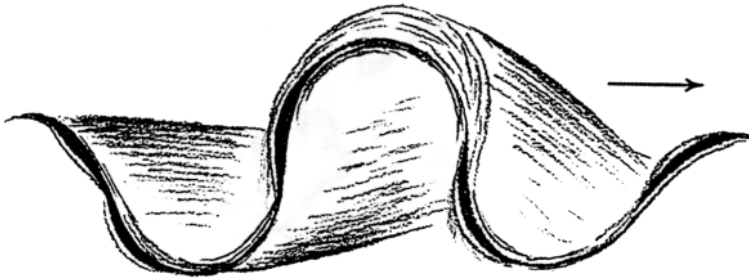


13.1a Typical snake



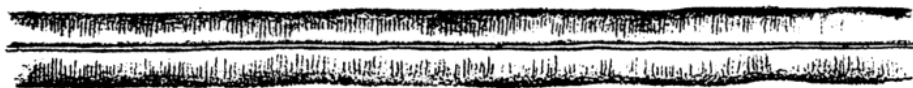
13.1b Mole Snake

13.2a Cobra



13.2b Mamba

Reduced (not to scale): size of spoor depends on length of snake



13.3a Puff Adder (rectilinear locomotion)



13.3b Puff Adder (undulatory locomotion)

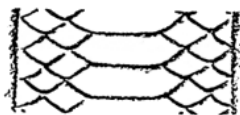


13.3c Single-horned Adder (sidewinding)

Reduced (not to scale): size of spoor depends on length of snake



Puff Adder

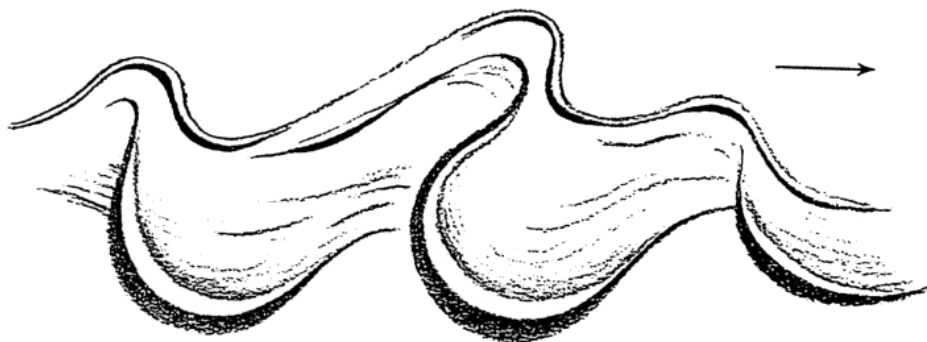


Python

Detail of markings made by ventral scales in rectilinear locomotion



13.4a Python (rectilinear locomotion)

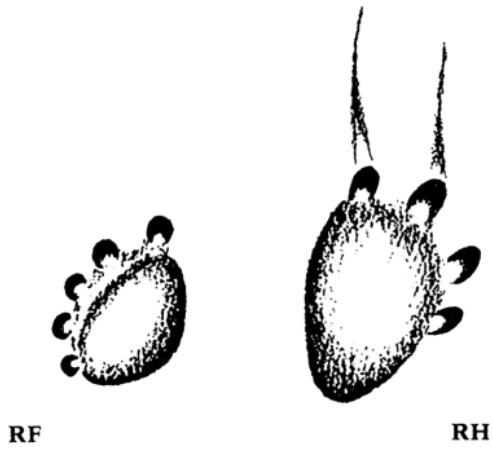


13.4b Python (slow undulatory locomotion)

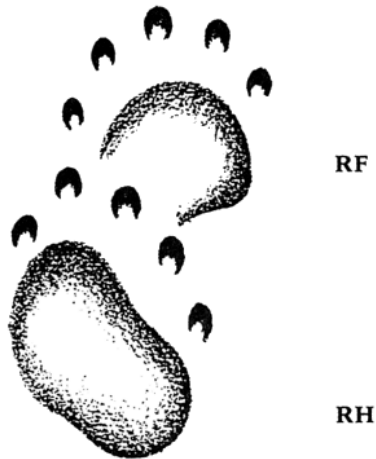


13.4c Python (fast undulatory locomotion)

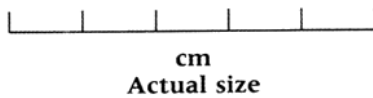
Reduced (not to scale): size of spoor depends on length of snake

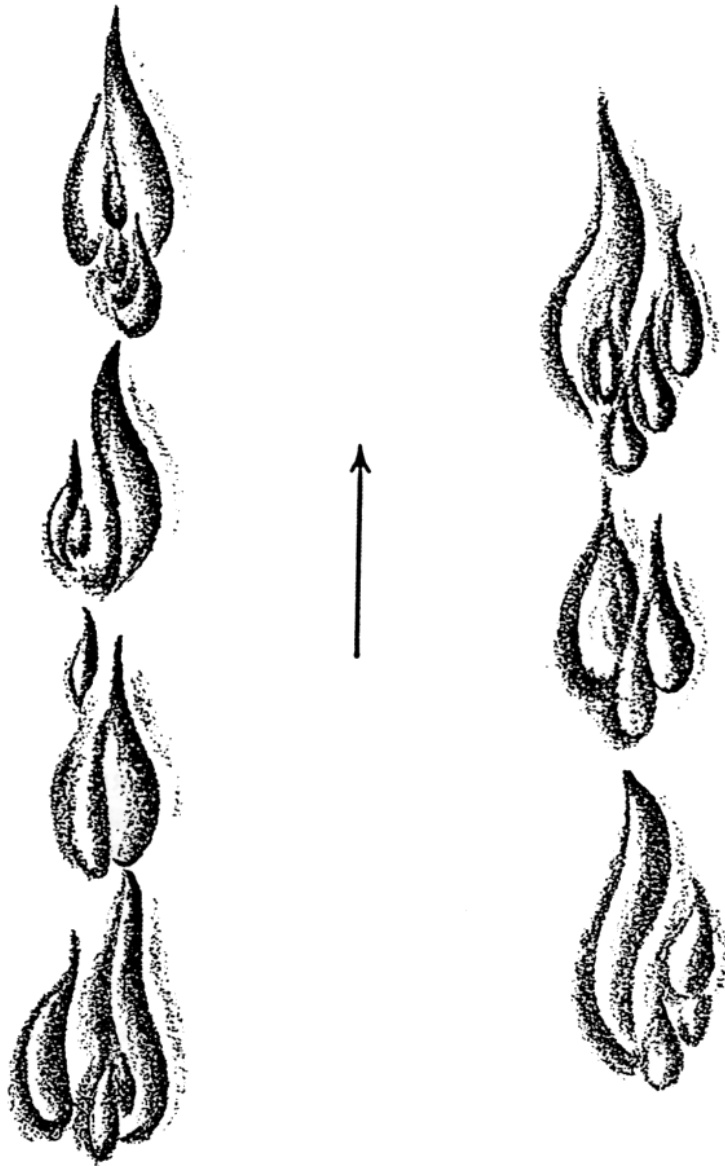


14.1a Angulate Tortoise



14.5 Side-necked Terrapin





14.1b Tortoise spoor in loose sand



cm
Actual size

BIRDS





15.1 Small passerine,
family Ploceidae



26.1a Common Quail
(hard dusty ground)



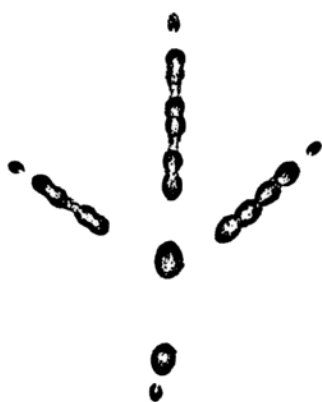
26.1b Common Quail
(loose sand)



19.2 Laughing Dove



19.3 Cape Turtle Dove



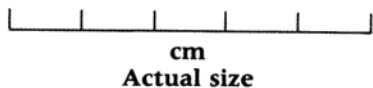
19.4 Rock Pigeon



19.1 Namaqua Dove



19.1 Namaqua Dove
(walking spore)





23.1a Spotted Dikkop



23.1b Spotted Dikkop
(loose sand)



24.1 Bronzewinged
Courser



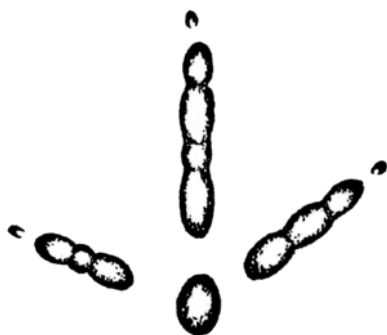
22.1 Crowned Plover



30.1 Black Korhaan



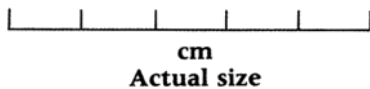
30.2 Redcrested Korhaan

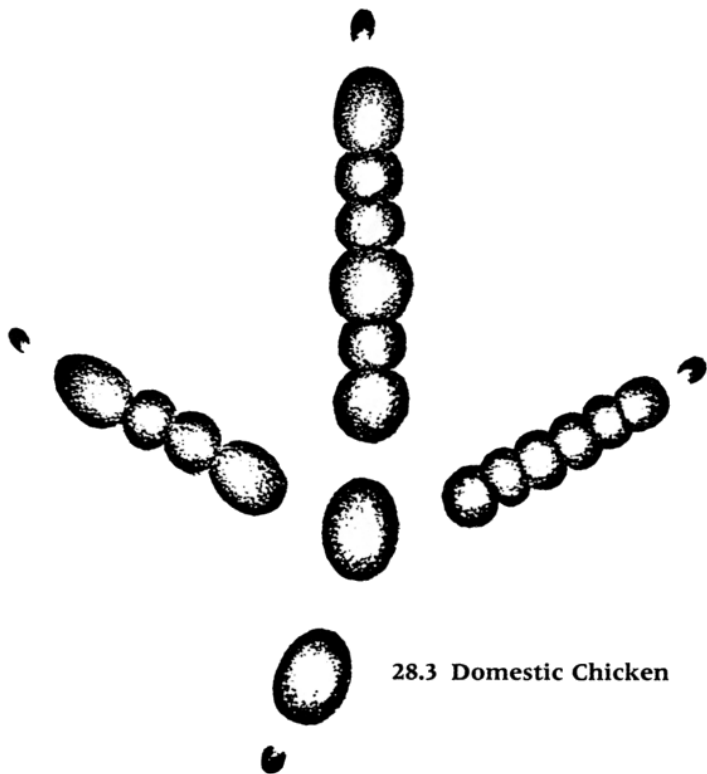


22.3 Wattled Plover



22.2 Blacksmith Plover



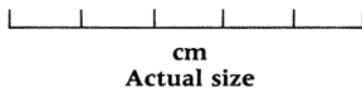


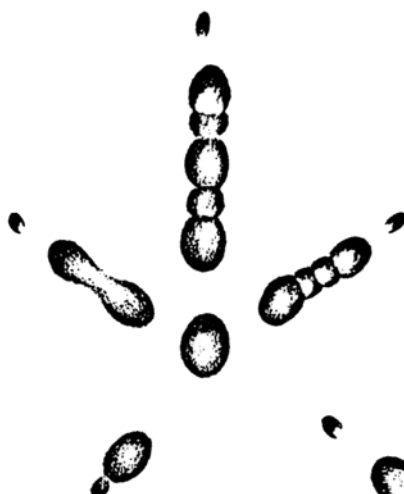
28.3 Domestic Chicken



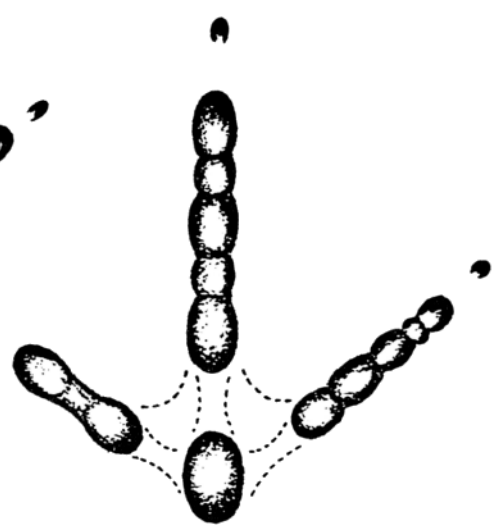
21.1a African Black Oystercatcher
(firm ground)

21.1b African Black Oystercatcher
(loose sand)

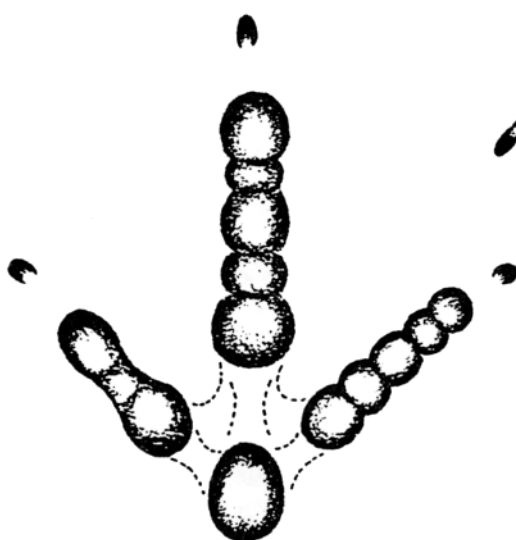




27.10 Swainson's Francolin



27.12 Cape Francolin



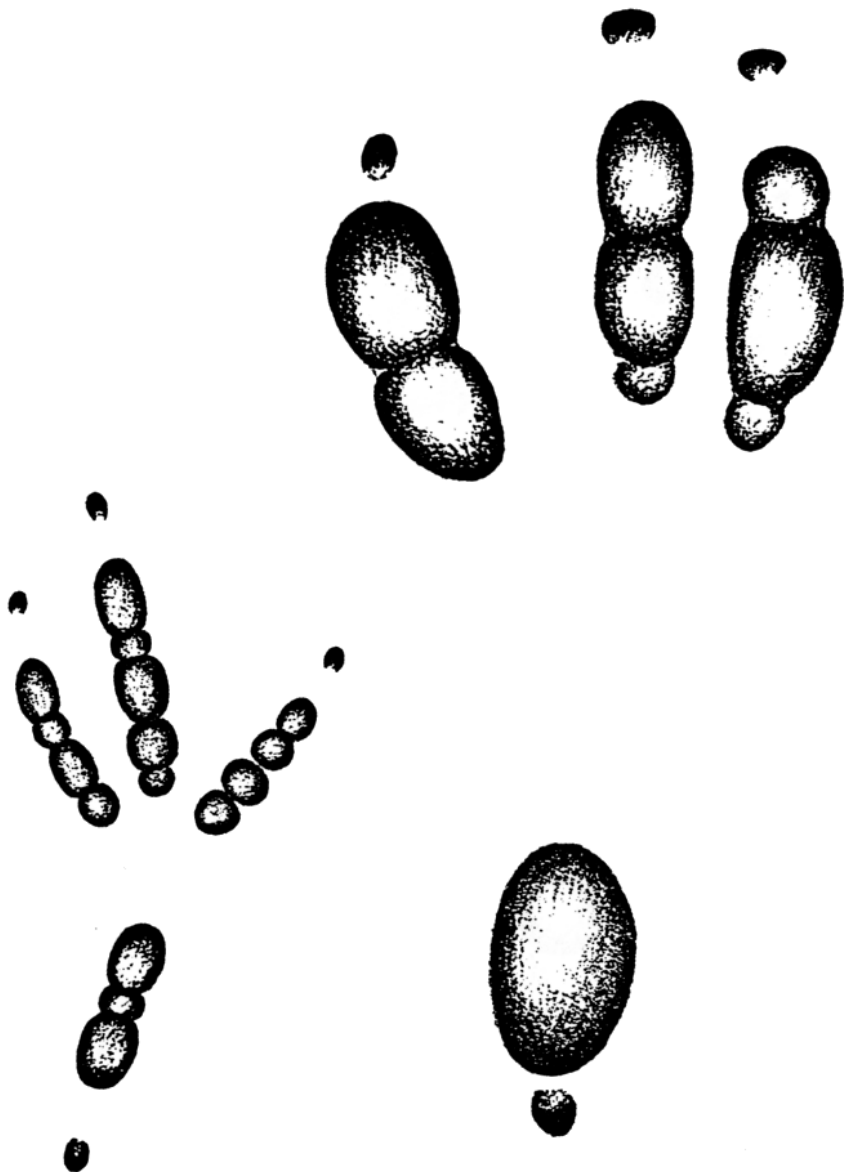
28.1 Helmeted Guineafowl



18.1 Yellowbilled Hornbill



cm
Actual size



16.1 Black Crow

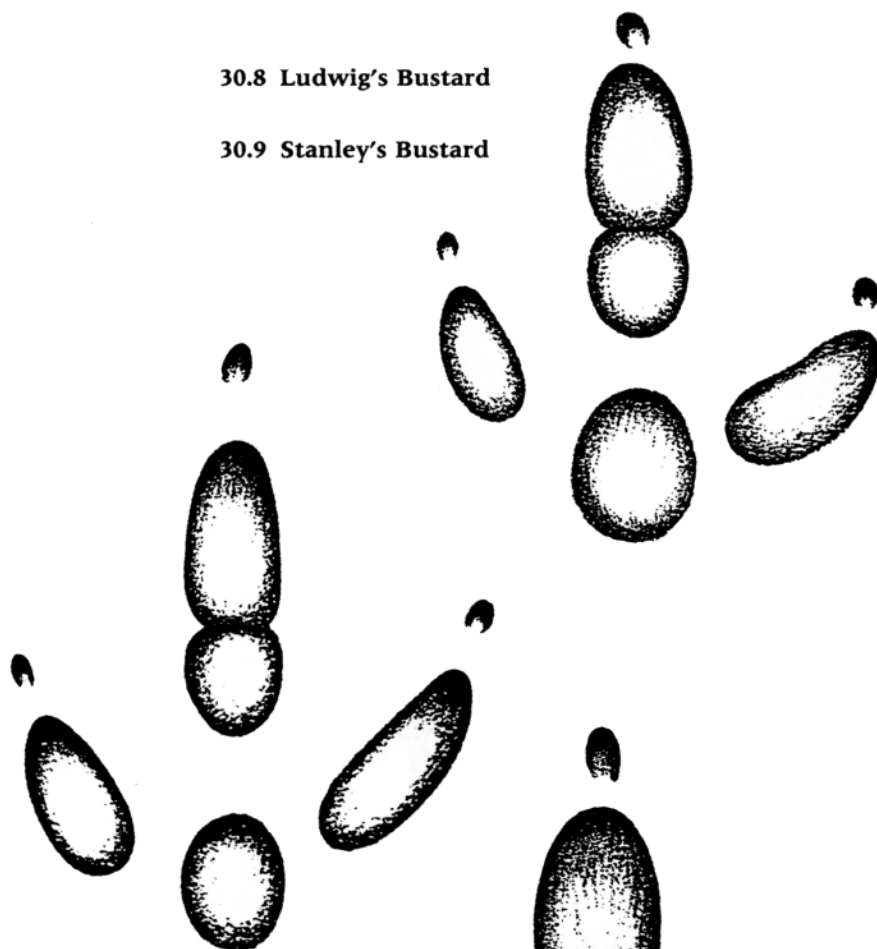
18.9 Ground Hornbill



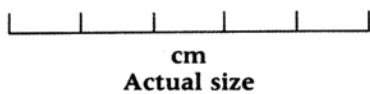
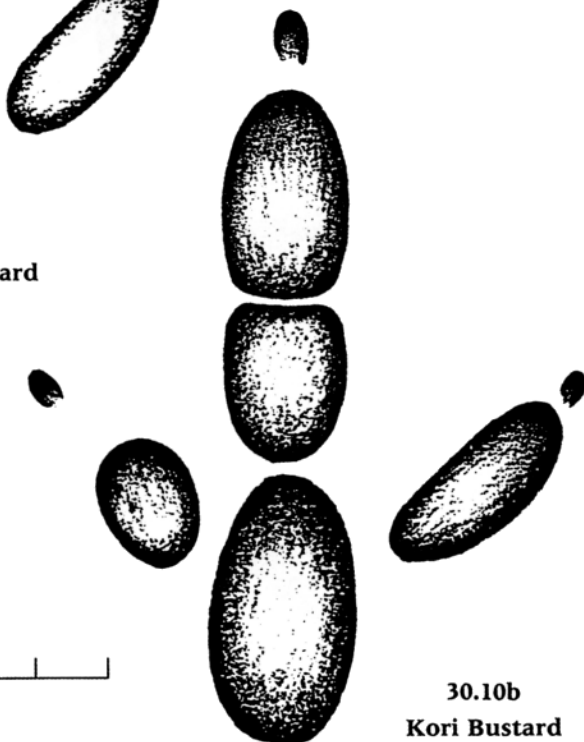
cm
Actual size

30.8 Ludwig's Bustard

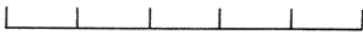
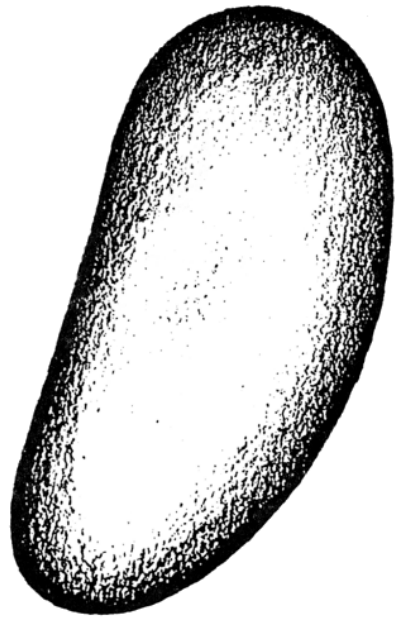
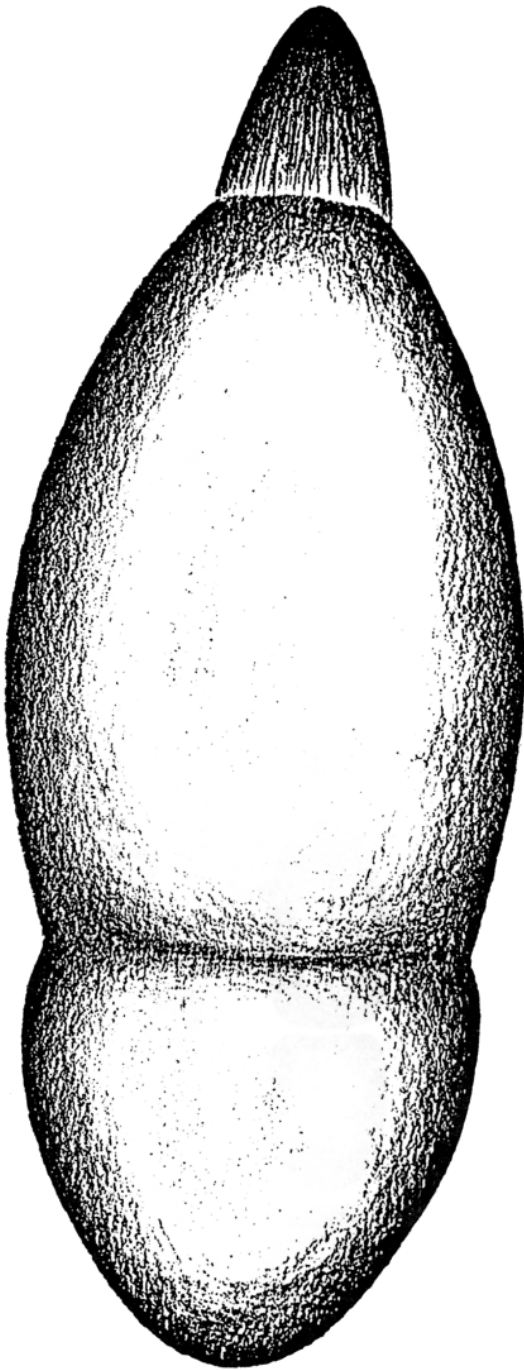
30.9 Stanley's Bustard



30.10a Kori Bustard

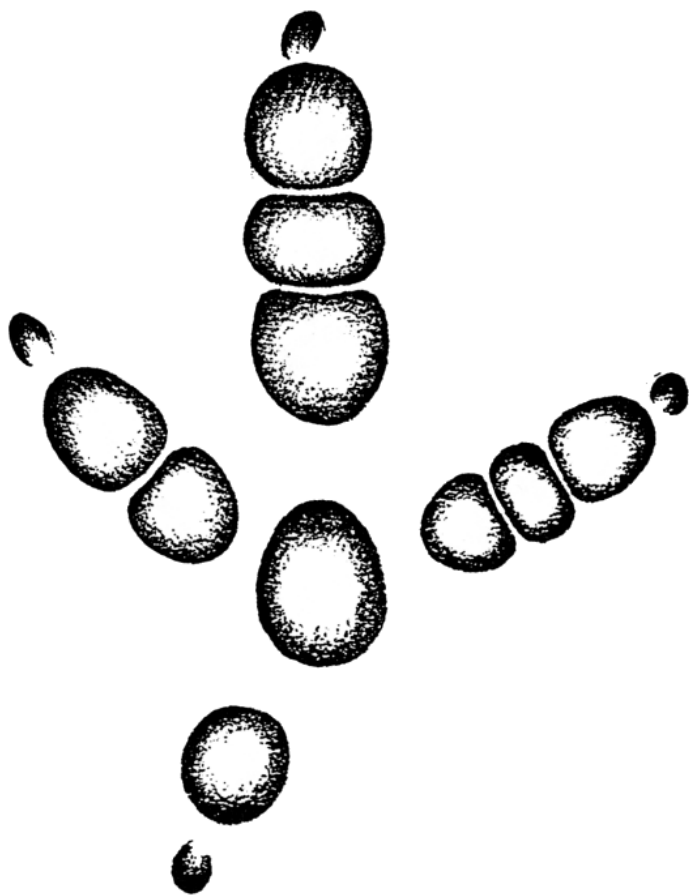


30.10b
Kori Bustard



cm
Actual size

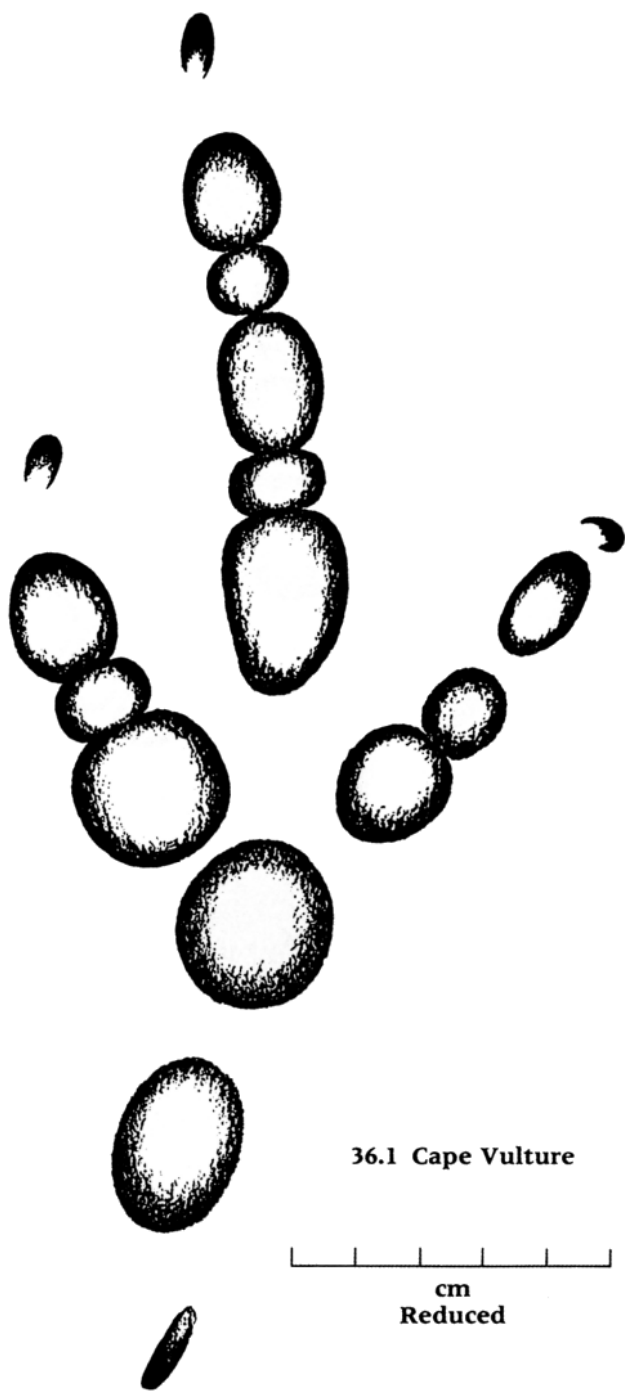
34 Ostrich



35 Secretarybird

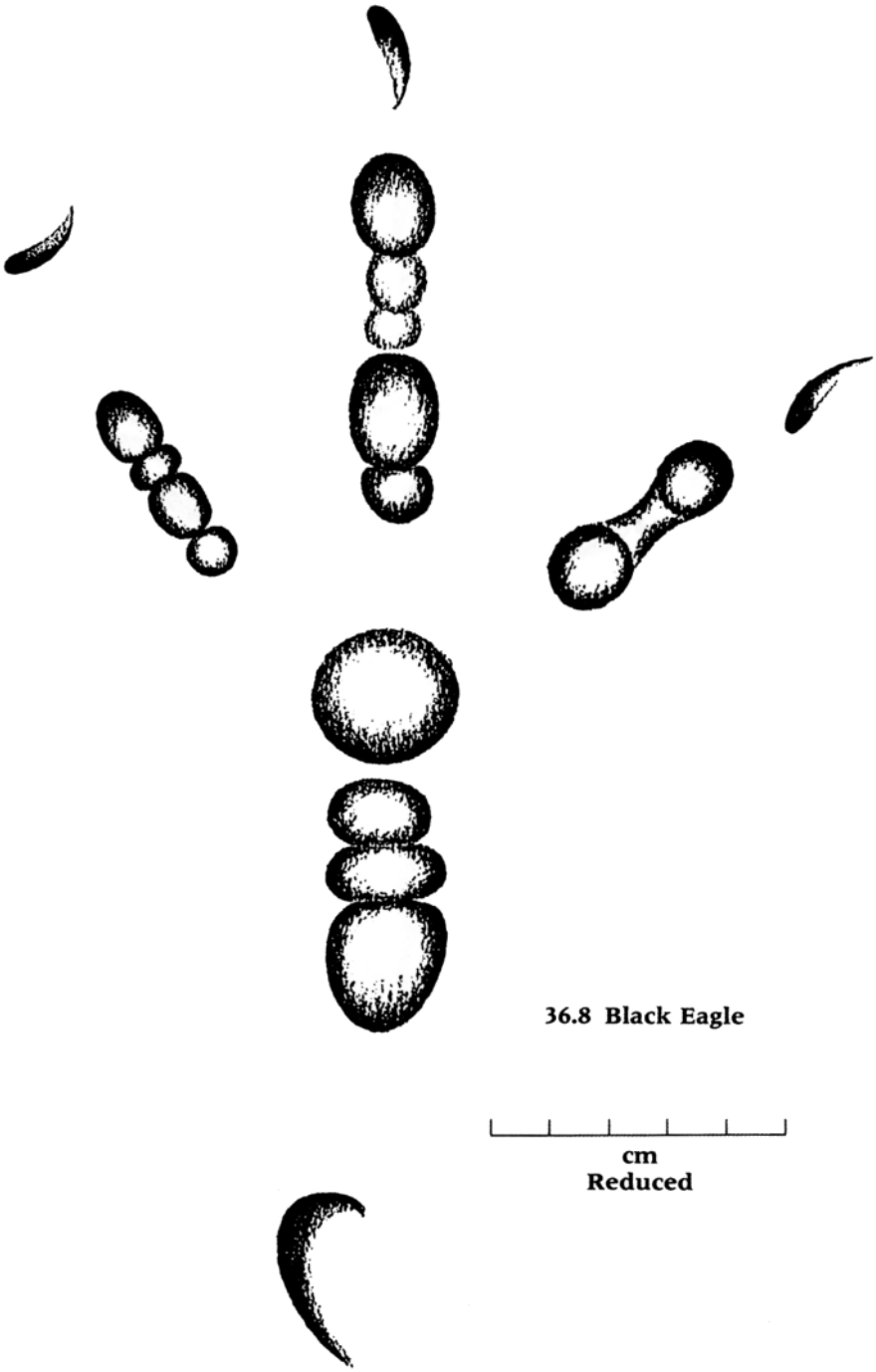


cm
Actual size



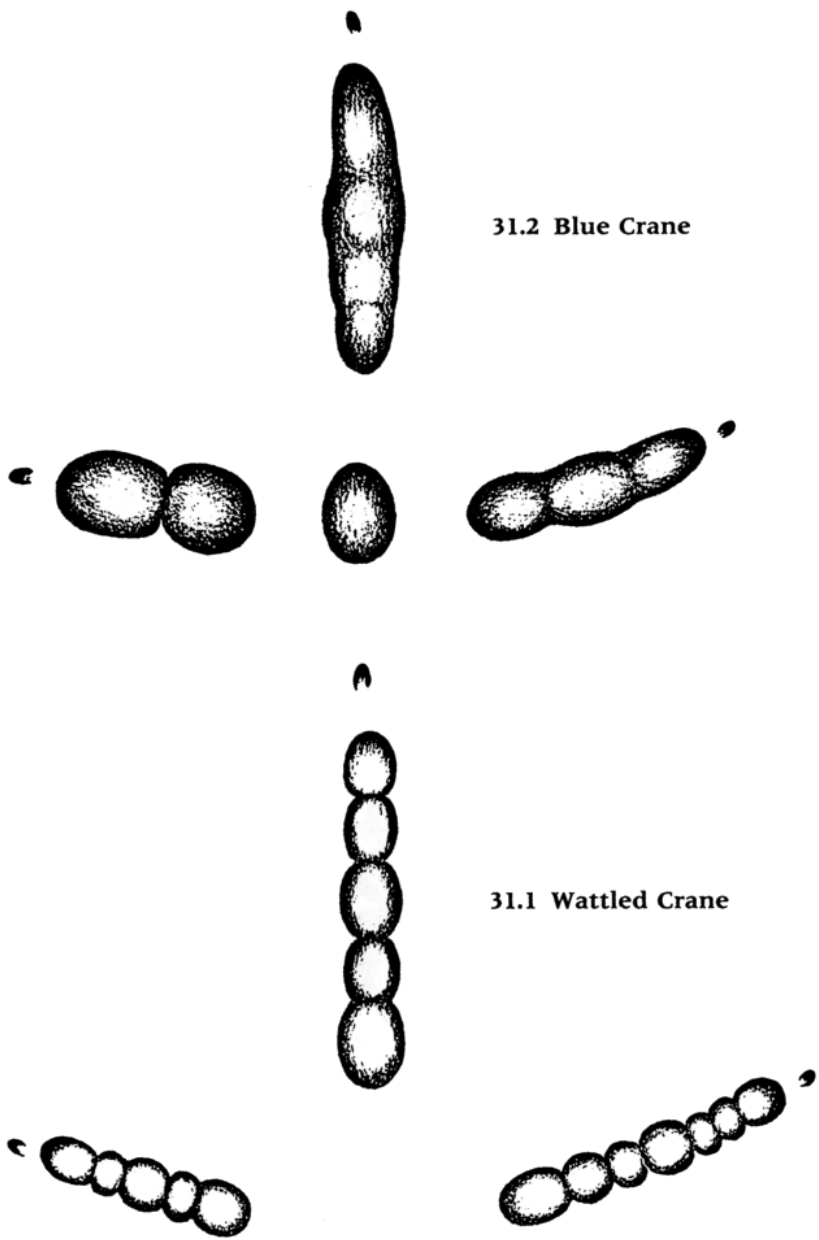
36.1 Cape Vulture

cm
Reduced



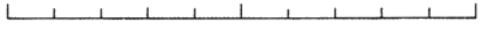
36.8 Black Eagle

cm
Reduced



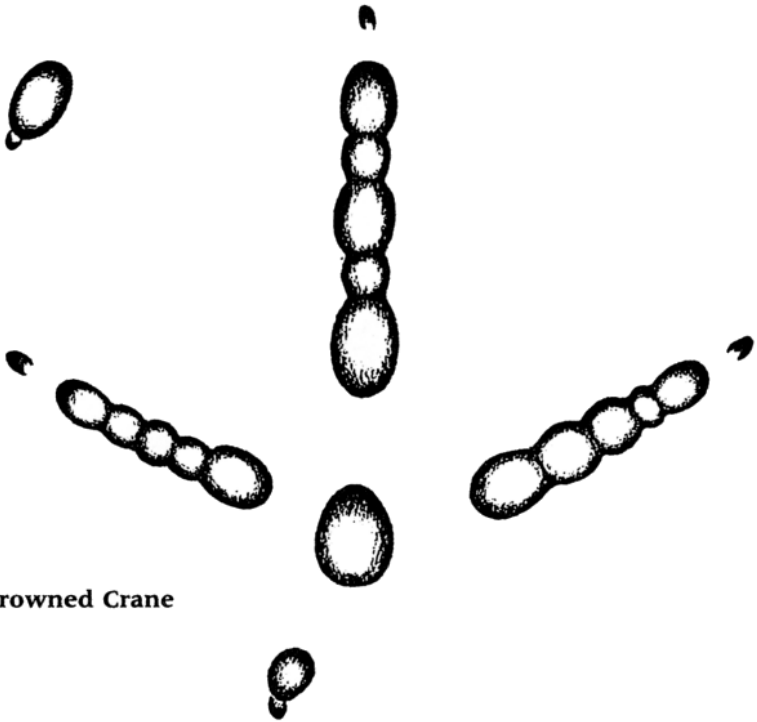
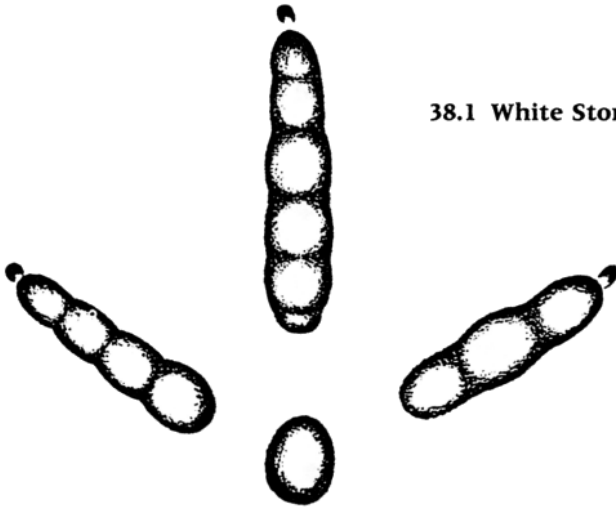
31.2 Blue Crane

31.1 Wattled Crane

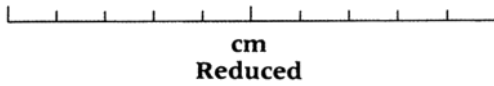


cm
Reduced

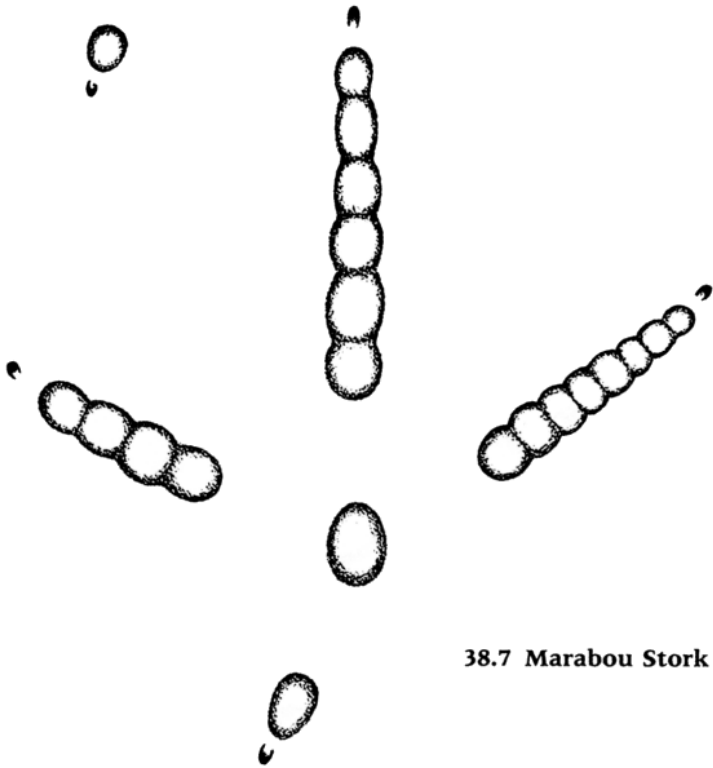
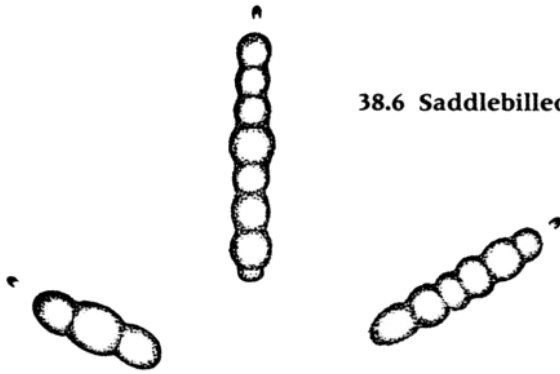
38.1 White Stork



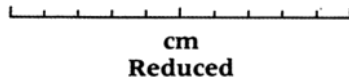
31.3 Crowned Crane

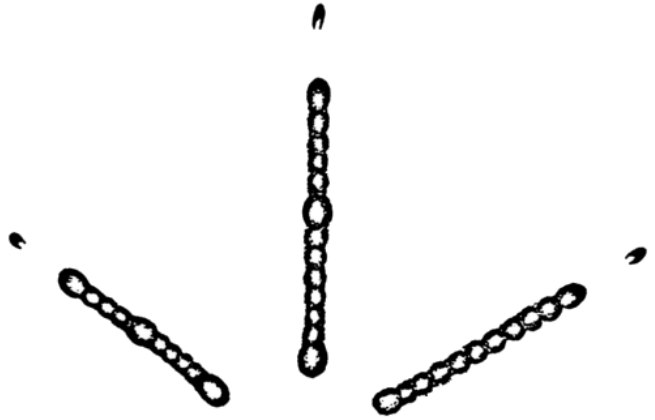


38.6 Saddlebilled Stork

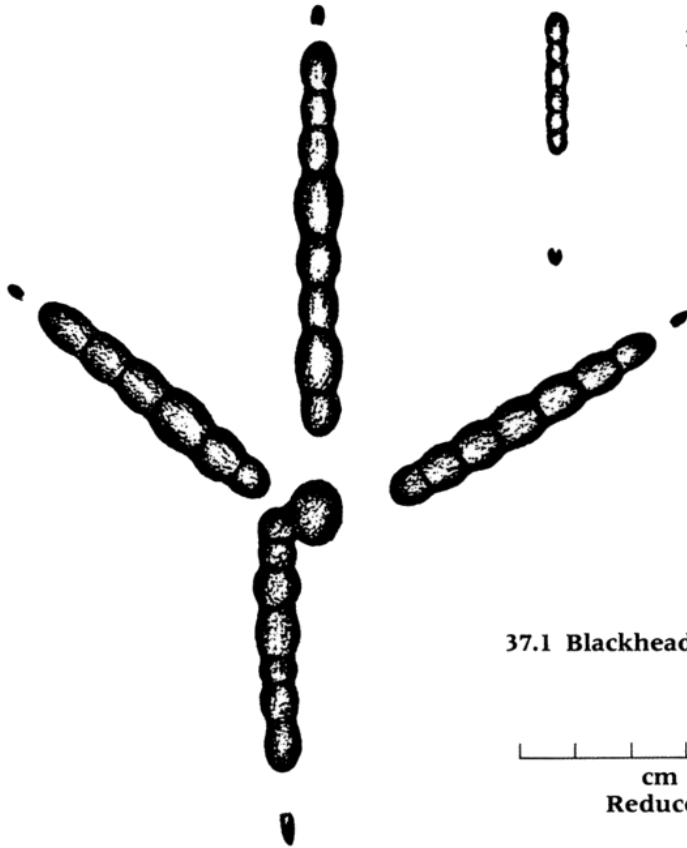


38.7 Marabou Stork



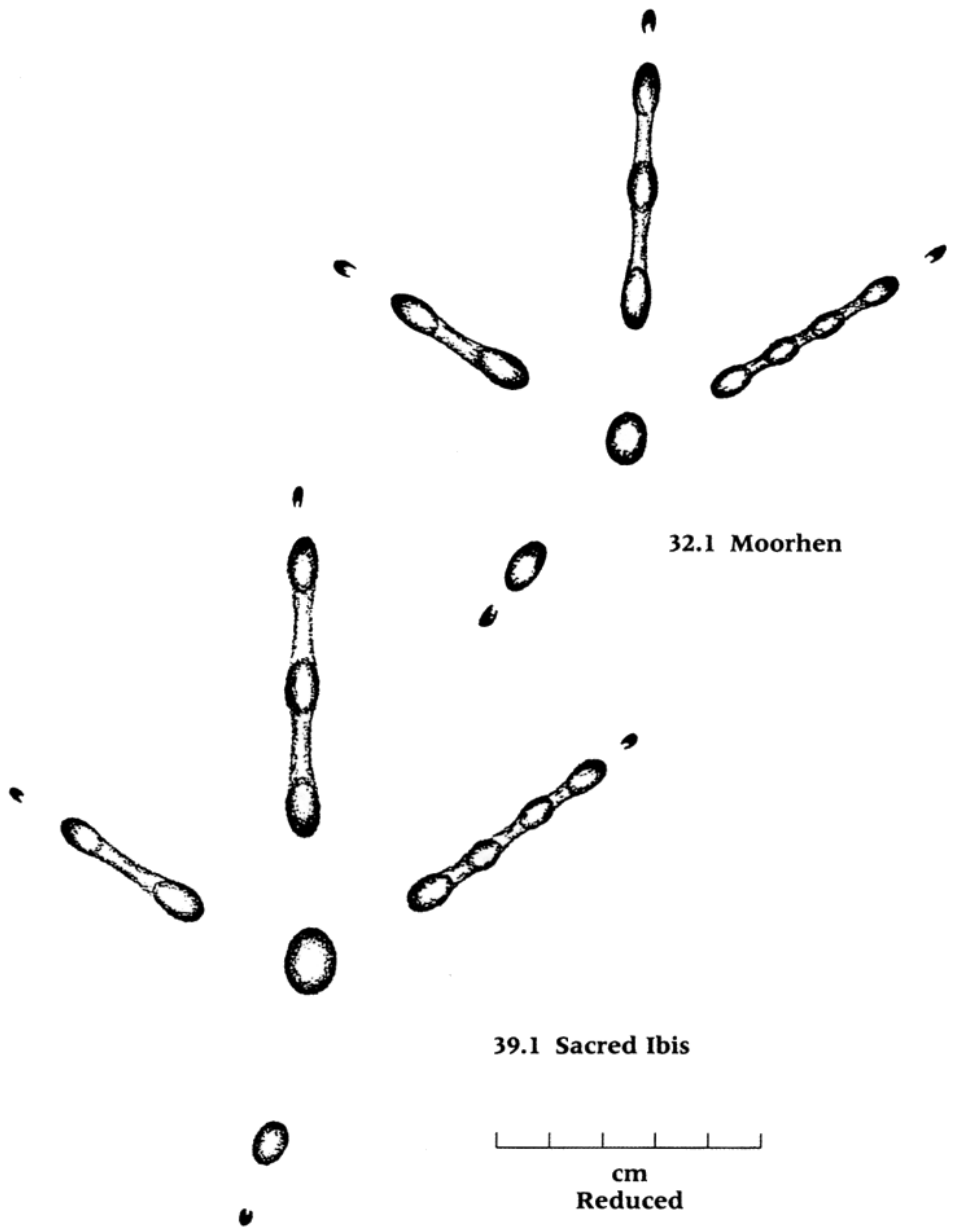


37.6 Little Egret



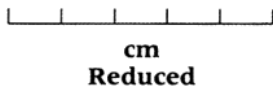
37.1 Blackheaded Heron

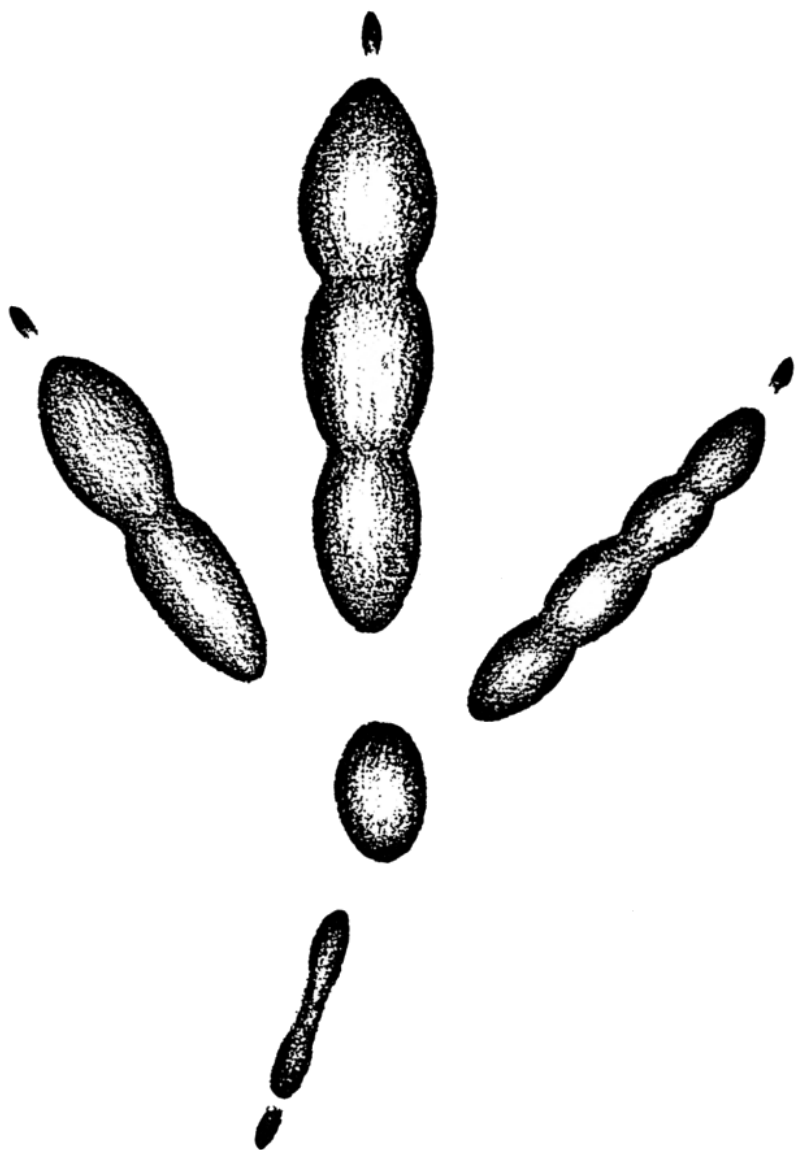
cm
Reduced



32.1 Moorhen

39.1 Sacred Ibis

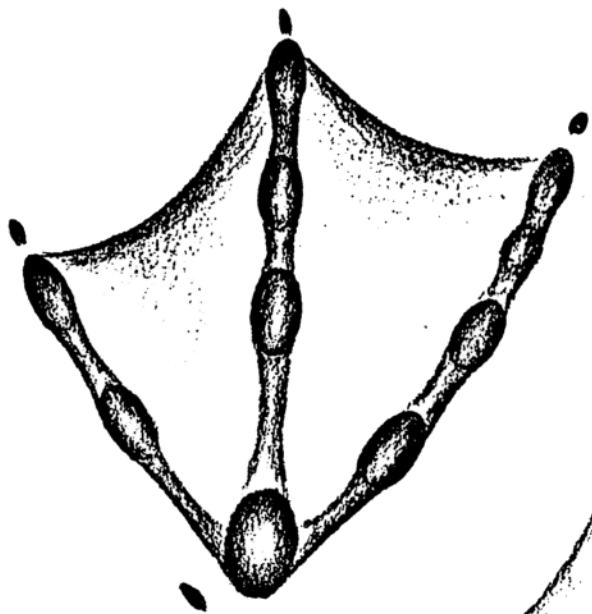




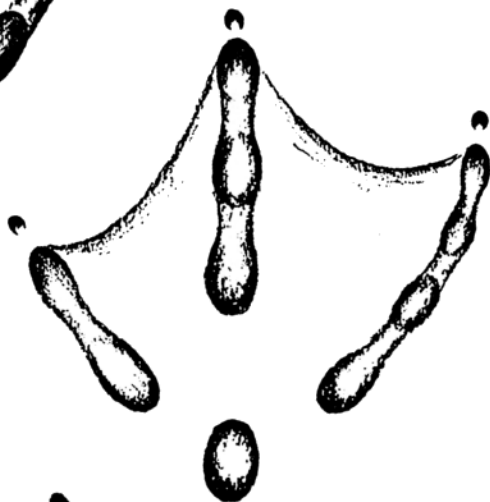
32.3 Redknobbed Coot



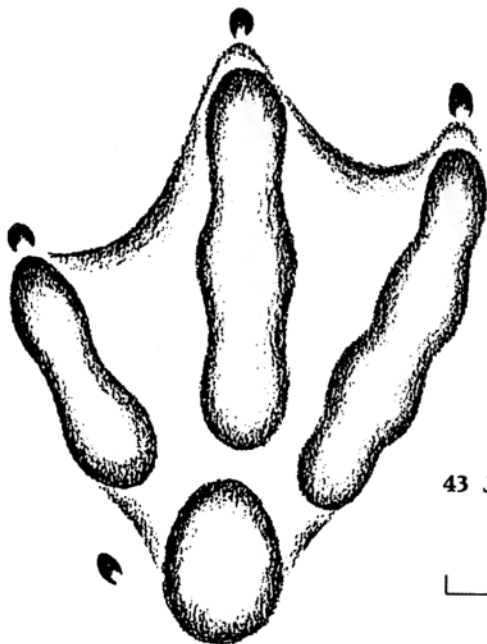
cm
Actual size



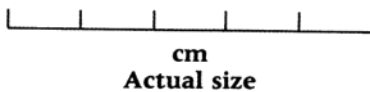
40.1 Egyptian Goose

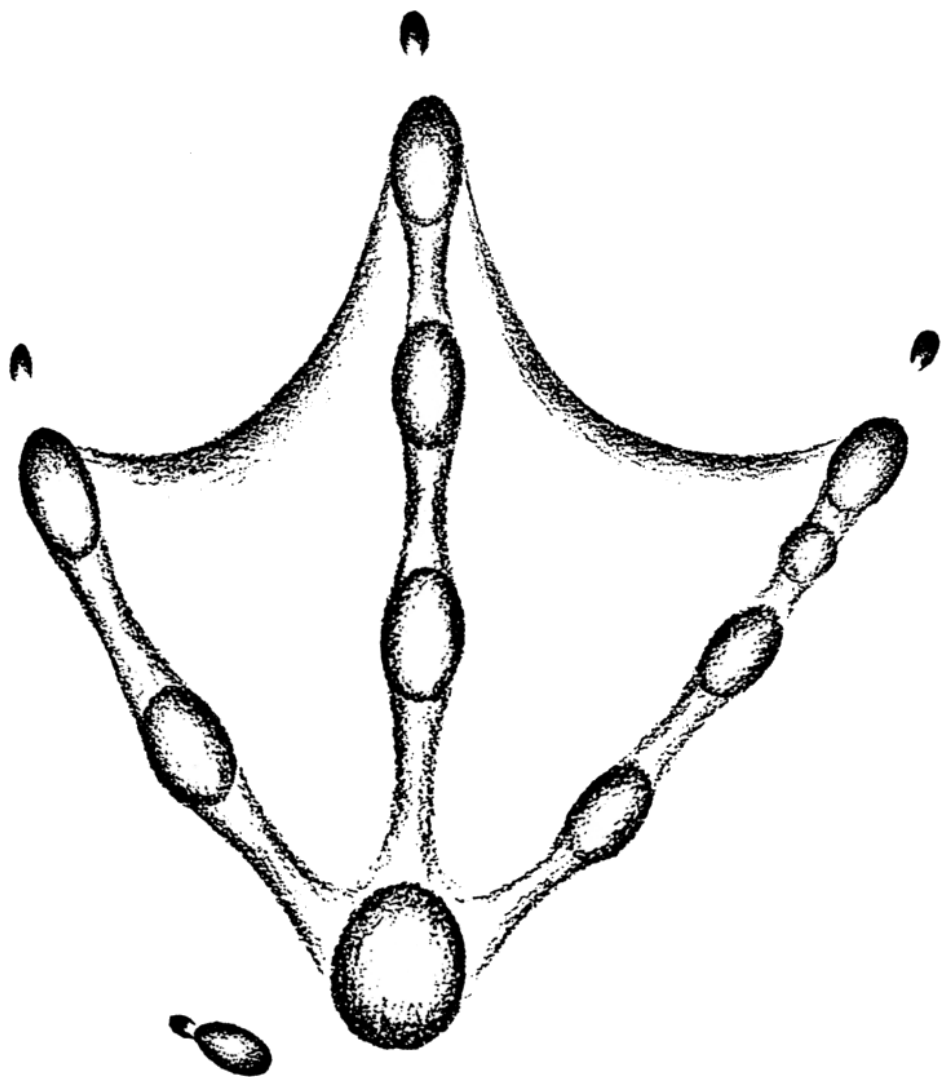


25.1 Kelp Gull



43 Jackass Penguin

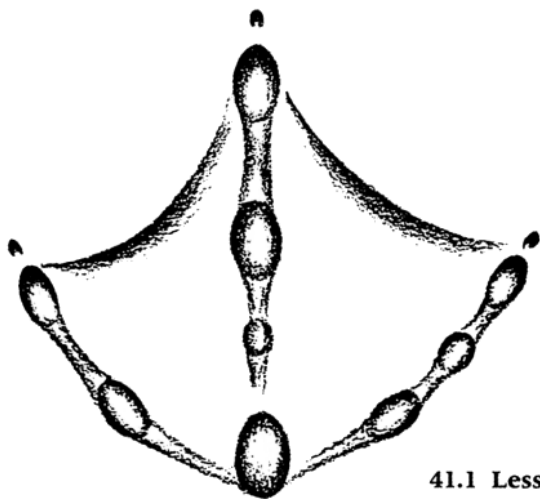




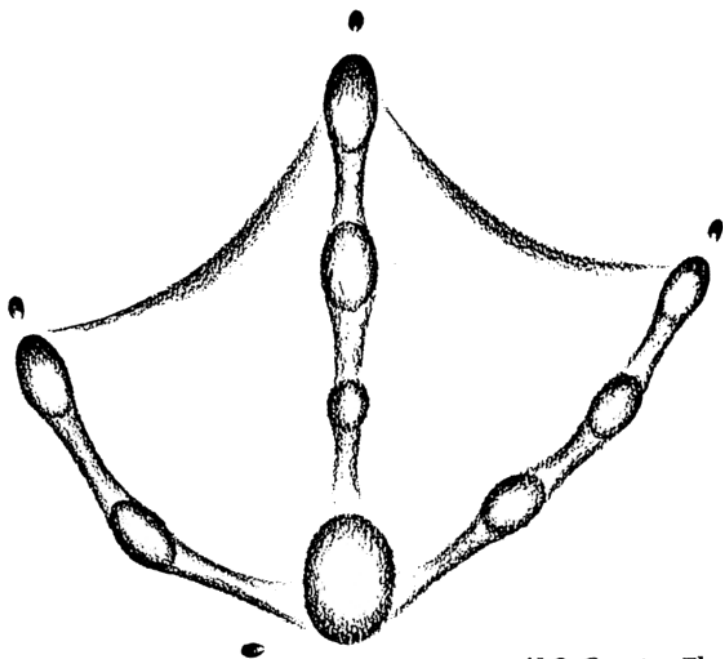
40.2 Spurwinged Goose



cm
Actual size



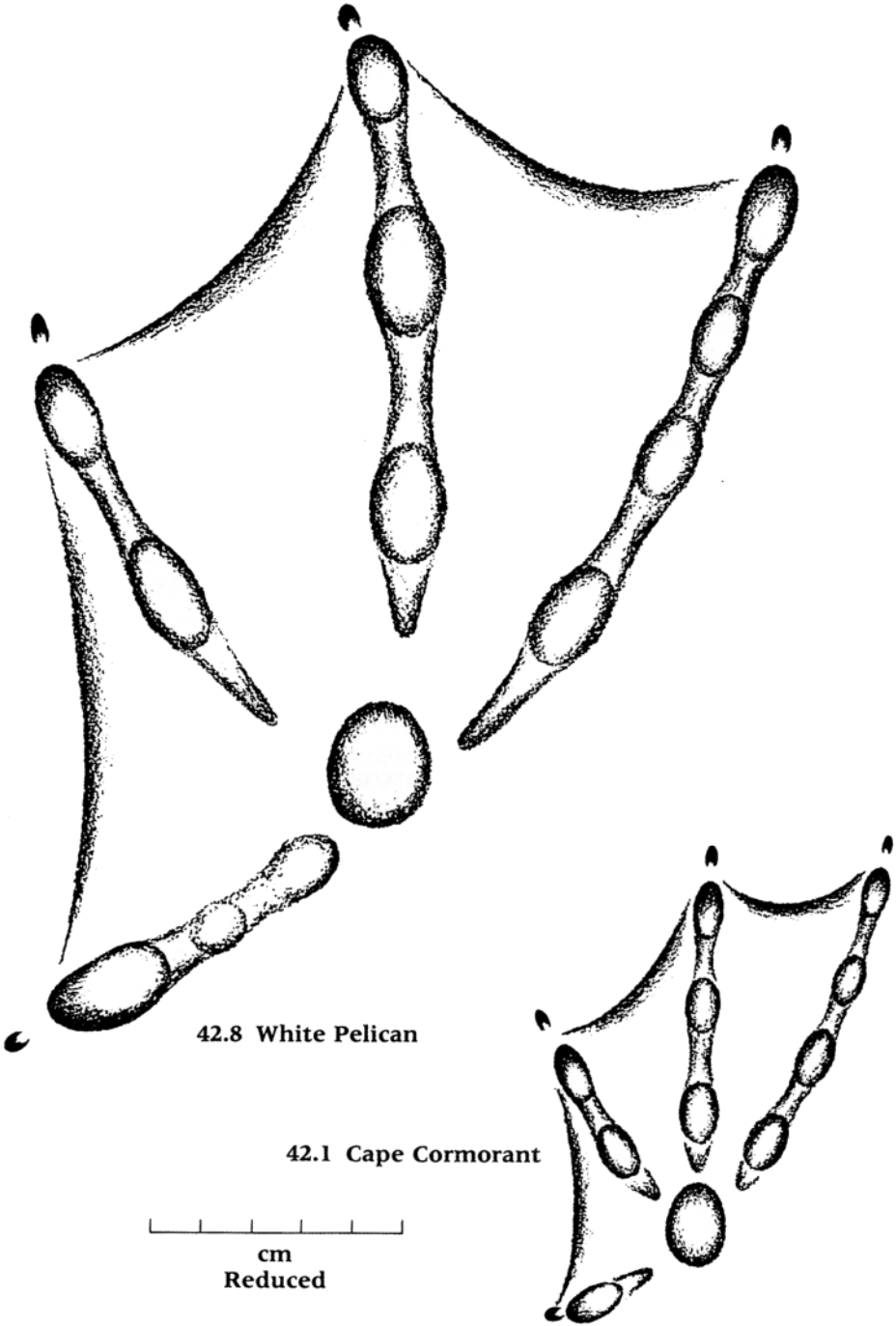
41.1 Lesser Flamingo



41.2 Greater Flamingo



cm
Reduced

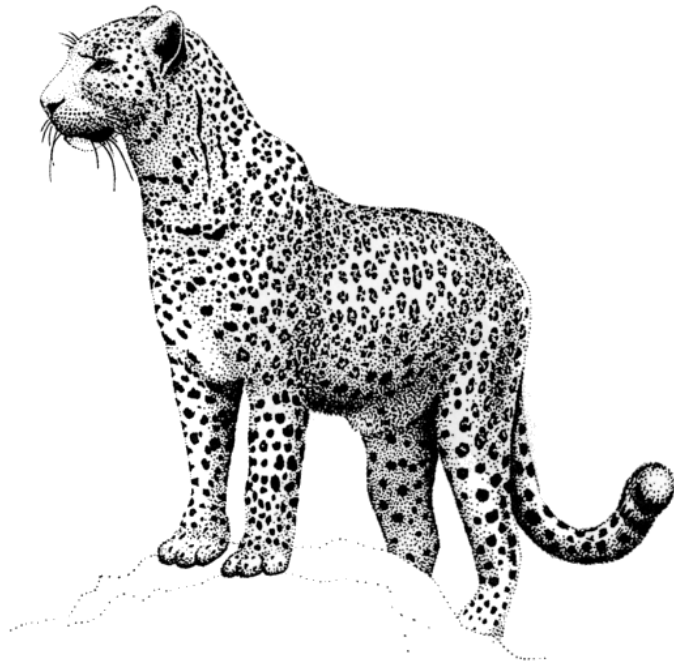


42.8 White Pelican

42.1 Cape Cormorant

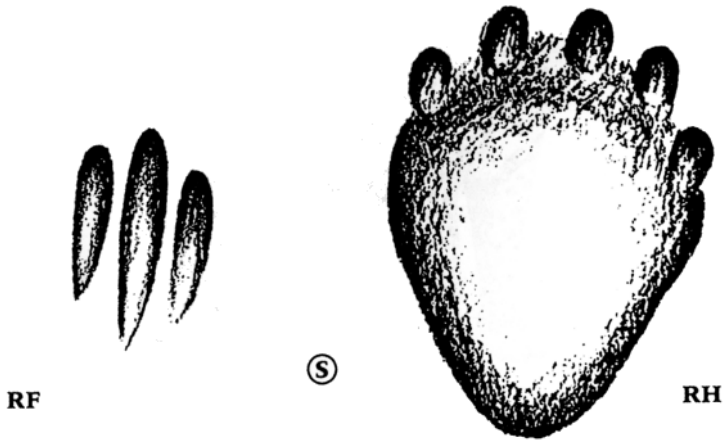
cm
Reduced

MAMMALS

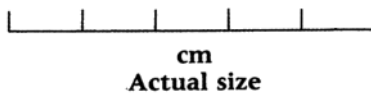




57.1 Rock Dassie



58 Pangolin





RF

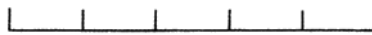
54a Springhare (right fore footprint)



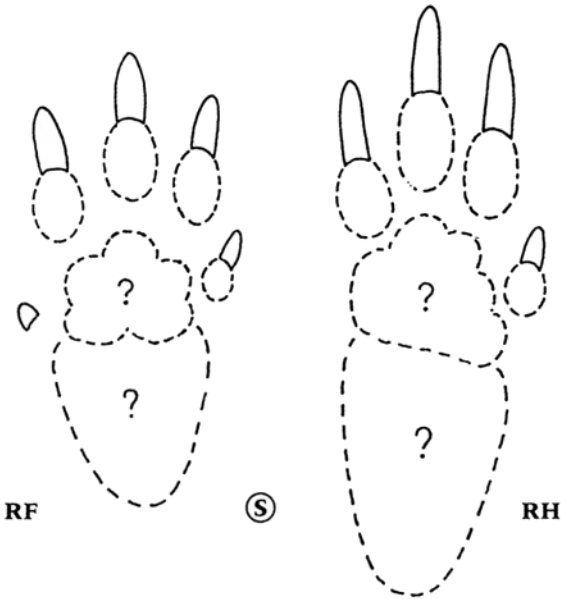
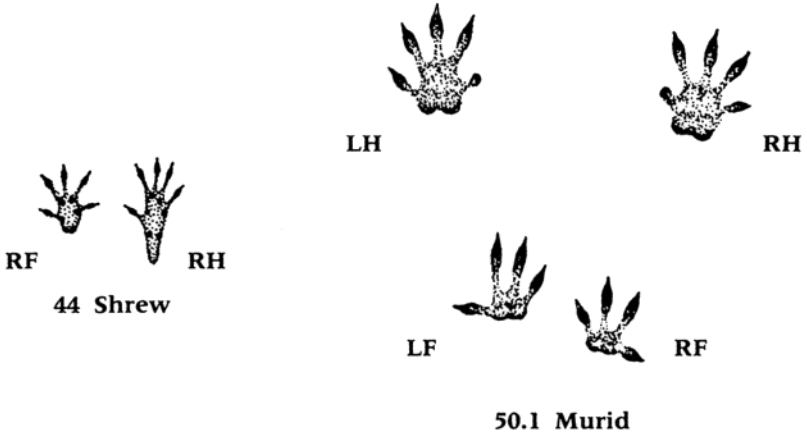
LH

RH

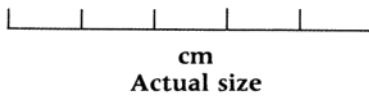
54b Springhare (left and right hind in bipedal hop)



cm
Actual size

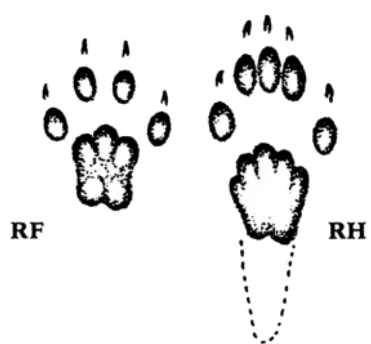


53.1 Greater Canerat

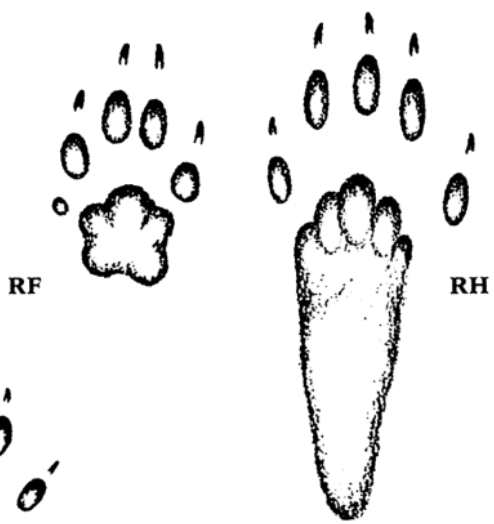




50.2 Giant Rat



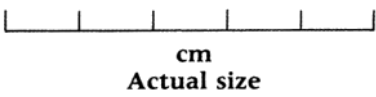
51.3 Tree Squirrel



51.1 Ground Squirrel



51.7 Grey Squirrel



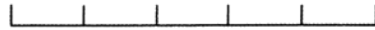


RF



RH

47a South African Hedgehog
(actual size)



cm
Actual size



47b Trail of South African
Hedgehog (reduced)





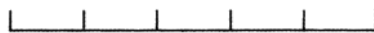
63 Striped Weasel

68.2 Slender Mongoose



68.5 Dwarf Mongoose

68.3 Small Grey Mongoose



cm
Actual size



RF



RH

68.11 Yellow Mongoose



RF



RH

68.12 Suricate



RF

Ⓢ



RH

68.8 Meller's Mongoose



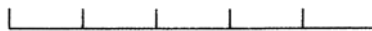
RF

Ⓢ



RH

68.10 Selous' Mongoose



cm
Actual size



RF



RH

68.6 Banded Mongoose

64 Striped Polecat



RF



RH

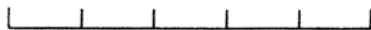


RF



RH

68.7 White-tailed Mongoose



cm
Actual size



RF



RH

68.1 Large Grey Mongoose

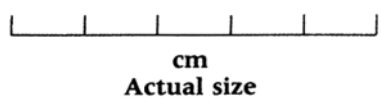


RF



RH

68.4 Water Mongoose





RF



RH

69.2 Cape Fox



RF



RH

69.1 Bat-eared Fox

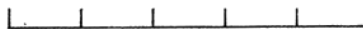


RF



RH

69.3 Domestic Dog (Pomeranian)

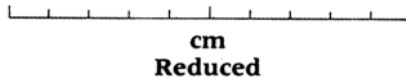


cm
Actual size



56.1a Hare (bound)

56.1b Hare (jump)





RF



RH

74.1 Small Spotted Cat

74.2 African Wild Cat



RF



RH



RF



RH

67.1 Small-spotted Genet

67.2 Large-spotted Genet

74.3 Domestic Cat



RF



RH



RF



RH

66 Tree Civet



cm
Actual size



RF



RH

74.4 Serval

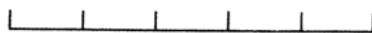


RF



RH

74.5 Caracal



cm
Actual size



RF



RH

70.2 Side-striped Jackal

70.1 Black-backed Jackal



RF



RH




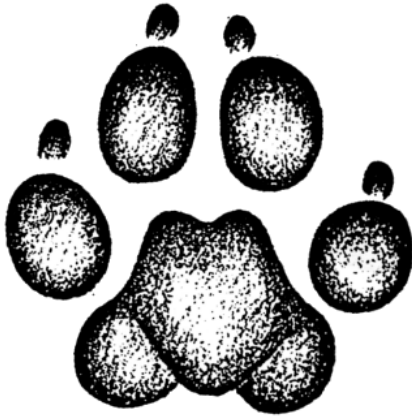
RF



RH

72 Aardwolf

Actual size  cm

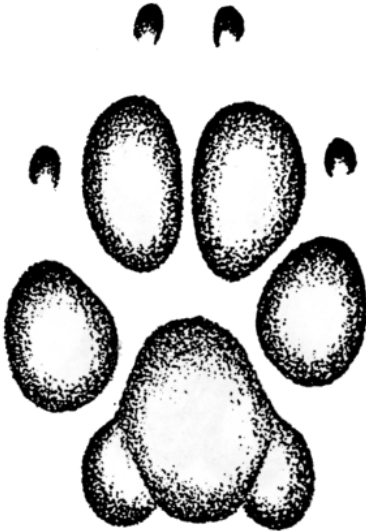


RF



RH

65 African Civet



RF



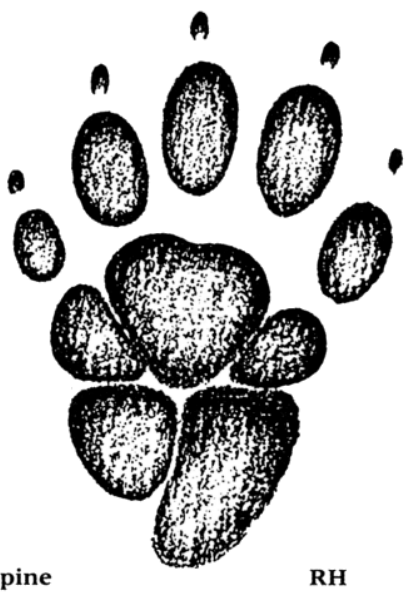
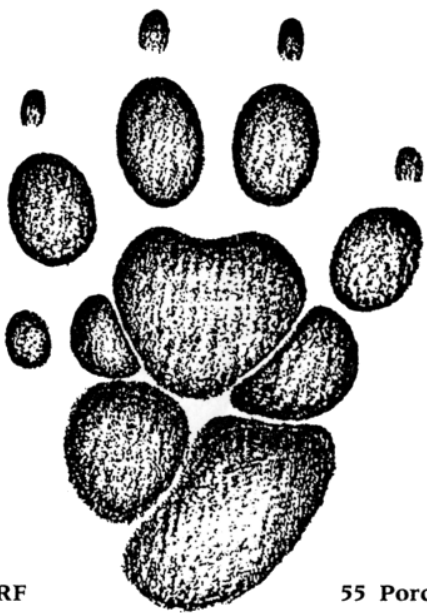
RH

70.3 Domestic Dog (Kalahari tracker dog)

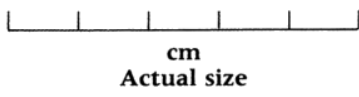


cm
Actual size

62 Honey Badger

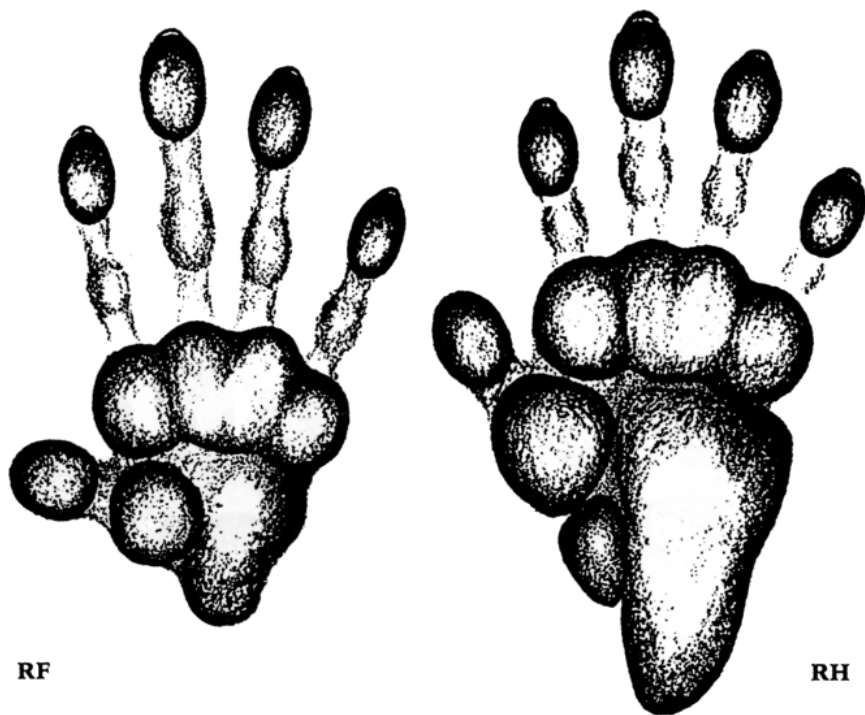


55 Porcupine





59.1 Lesser Bushbaby (bipedal hop)

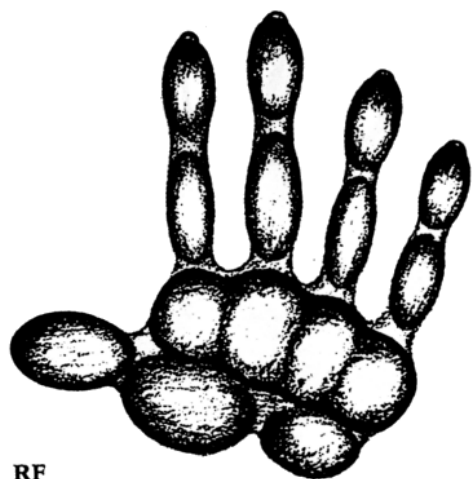


60.1 Vervet Monkey

60.2 Samango Monkey



cm
Actual size



RF

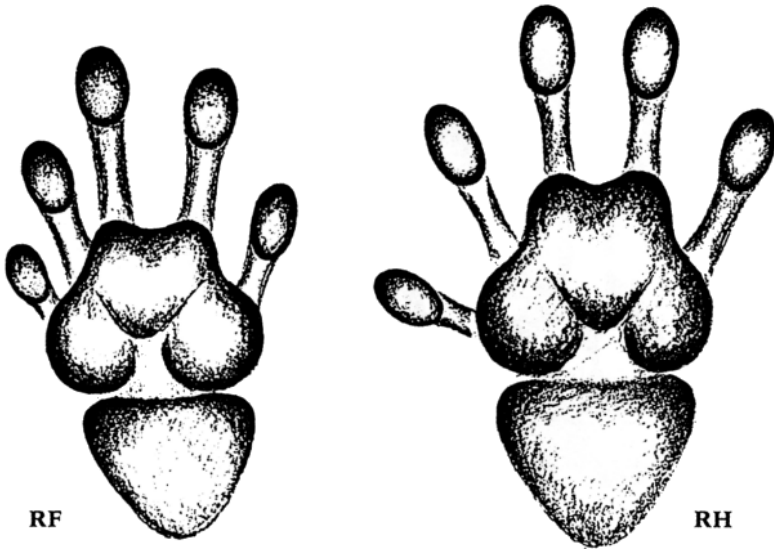


RH

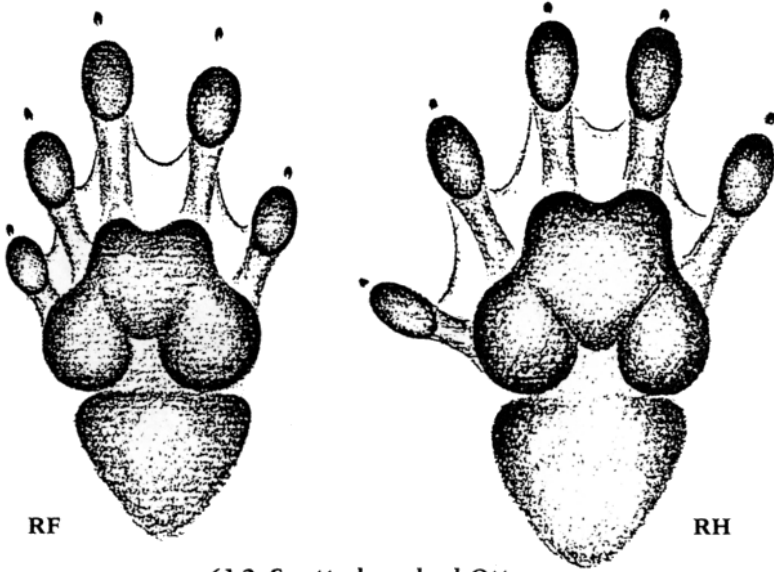
60.3 Chacma Baboon



cm
Reduced

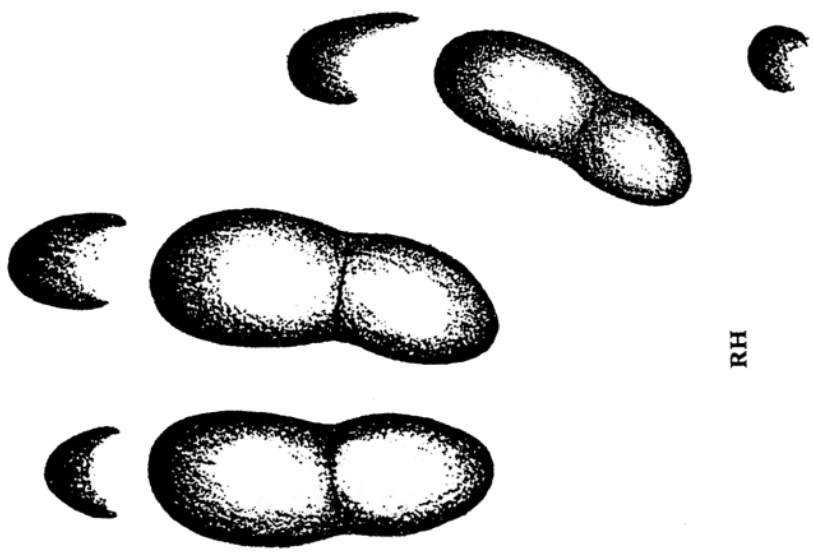


61.1 Clawless Otter



61.2 Spotted-necked Otter

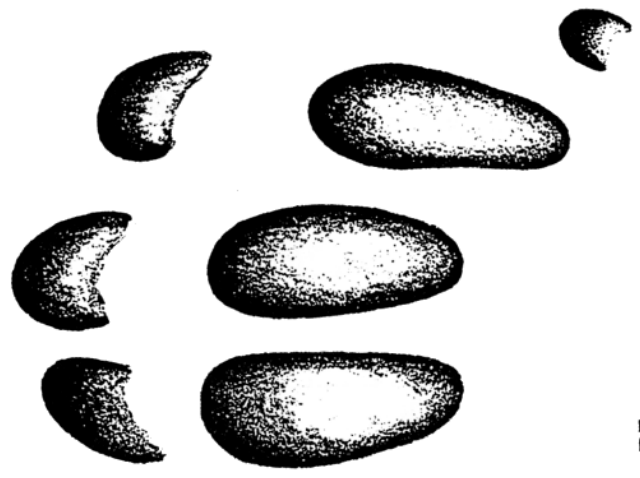
cm
Reduced



RH



76 Antbear



RF



cm
Actual size



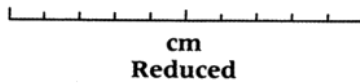
73.1a Brown Hyaena

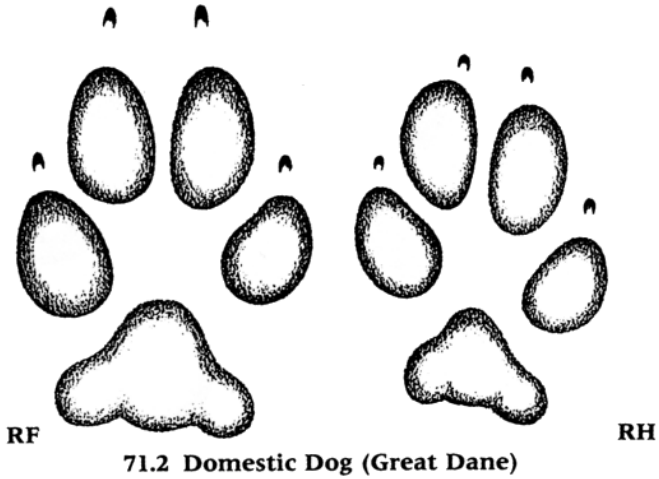
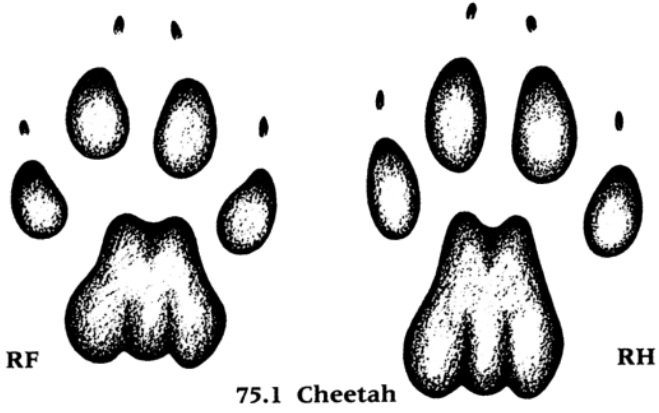
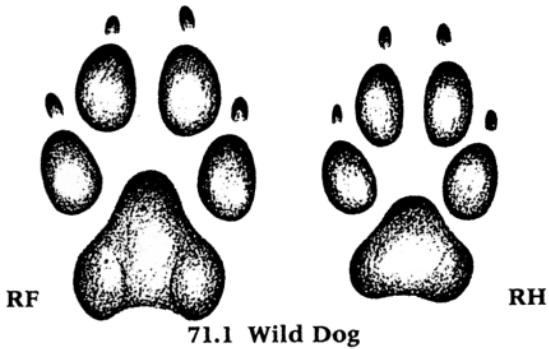


73.1b Brown Hyaena



73.2 Spotted Hyaena





cm
Reduced



RF



RH

75.2a Leopard



RF



RH

75.2b Leopard



cm
Reduced



RF



RH

75.3a Lion



RF



RH

75.3b Lion

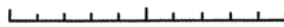


RF

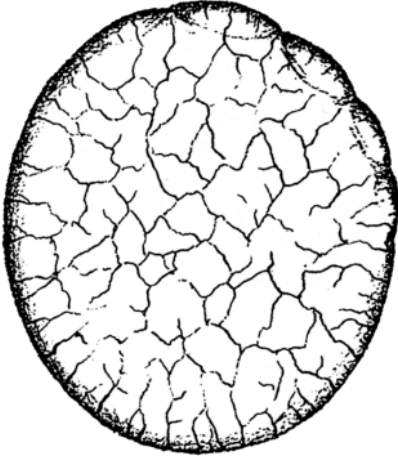


RH

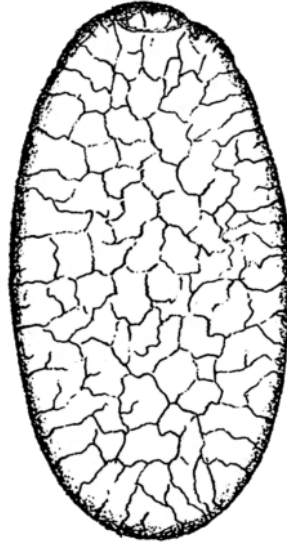
75.3c Lion



cm
Reduced

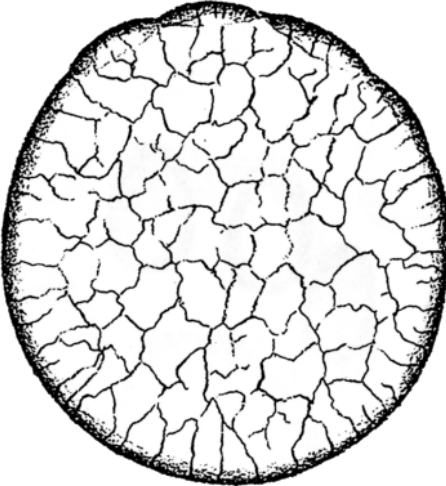


RF

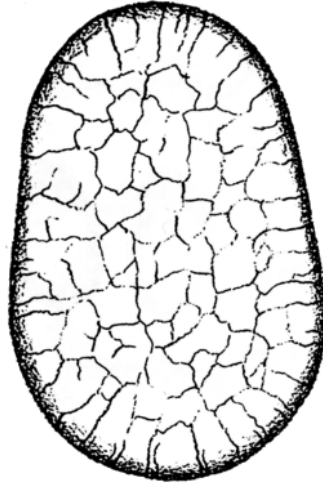


RH

77a Elephant



RF

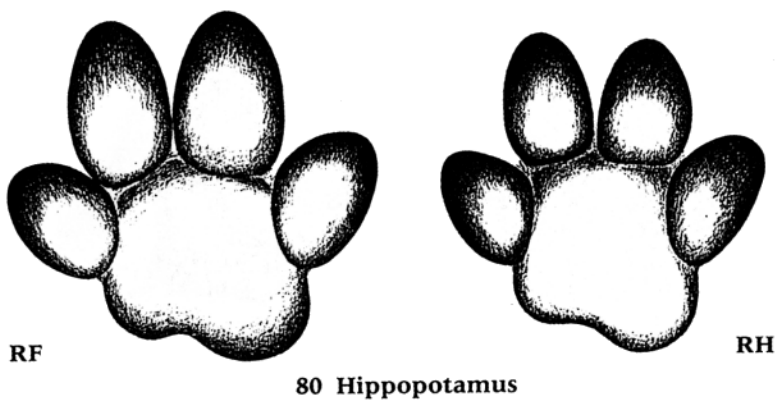
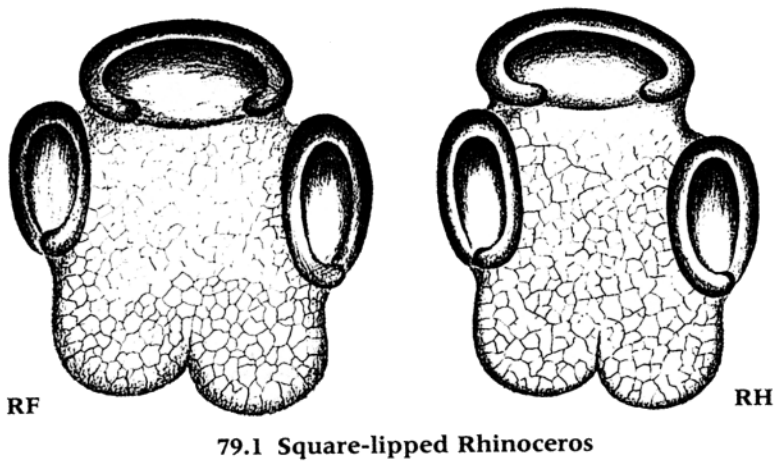
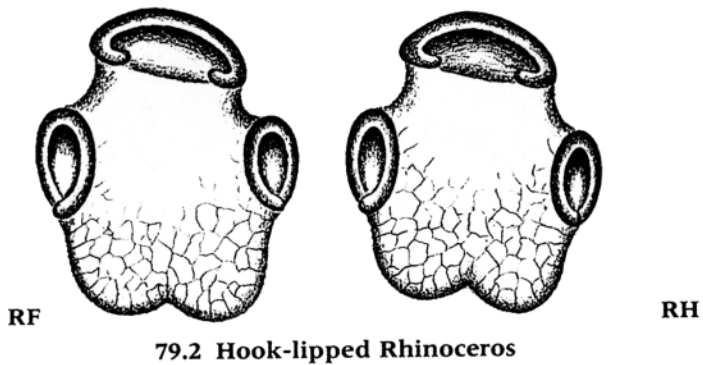


RH

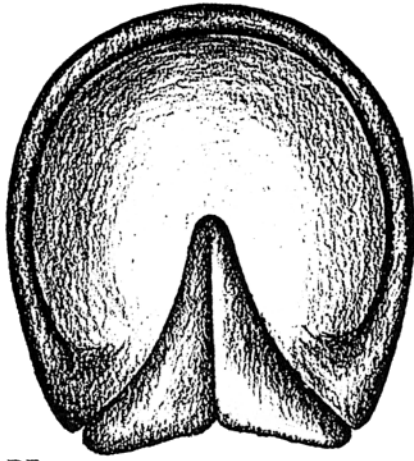
77b Elephant



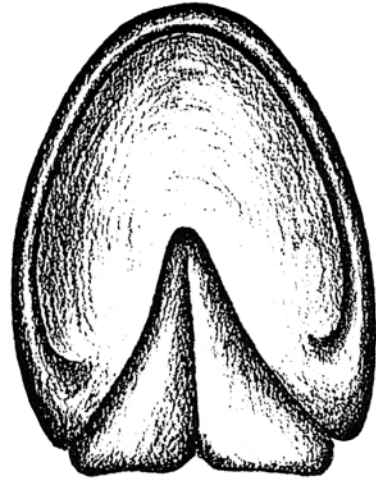
50 cm



cm
Reduced



RF

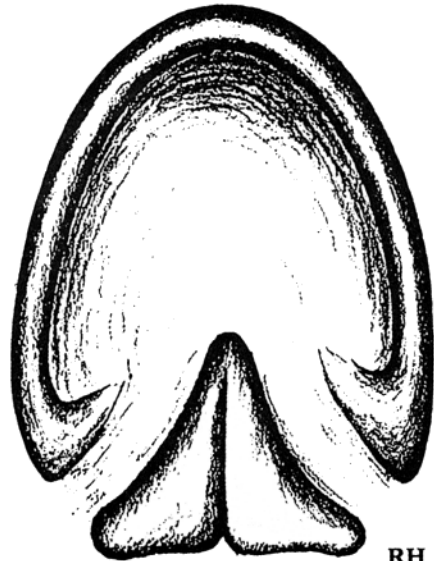


RH

78.1a Burchell's Zebra

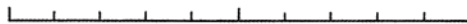


RF

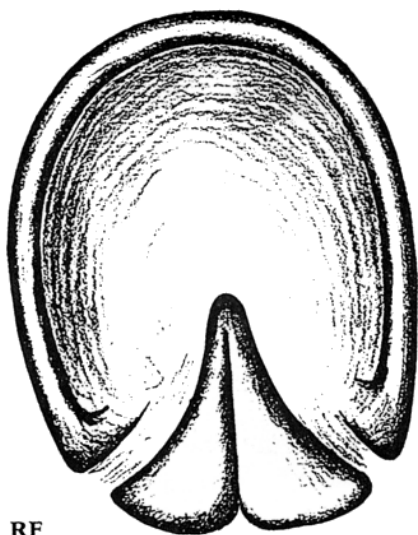


RH

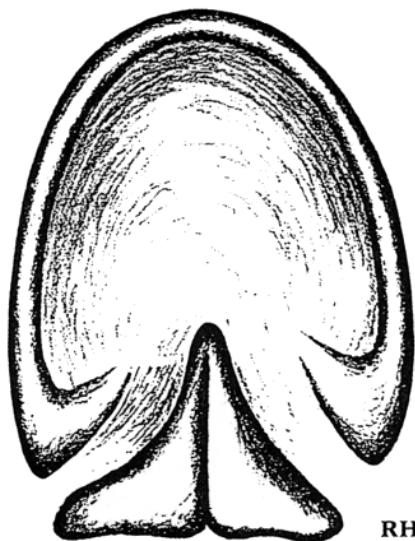
78.1b Burchell's Zebra



cm
Reduced

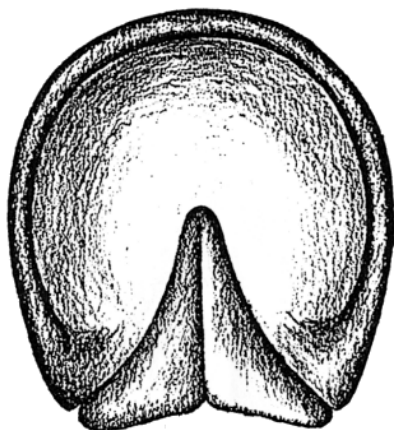


RF

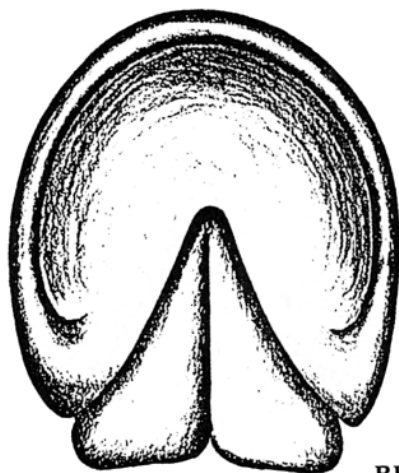


RH

78.1c Burchell's Zebra



RF

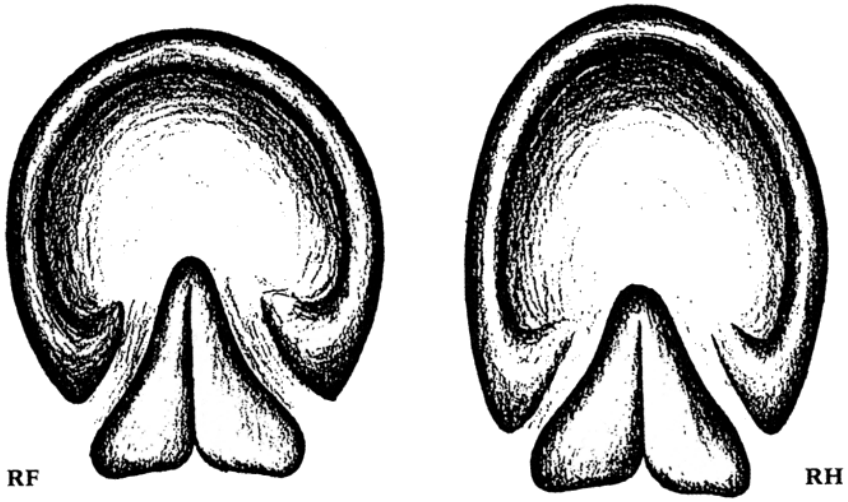


RH

78.1d Burchell's Zebra

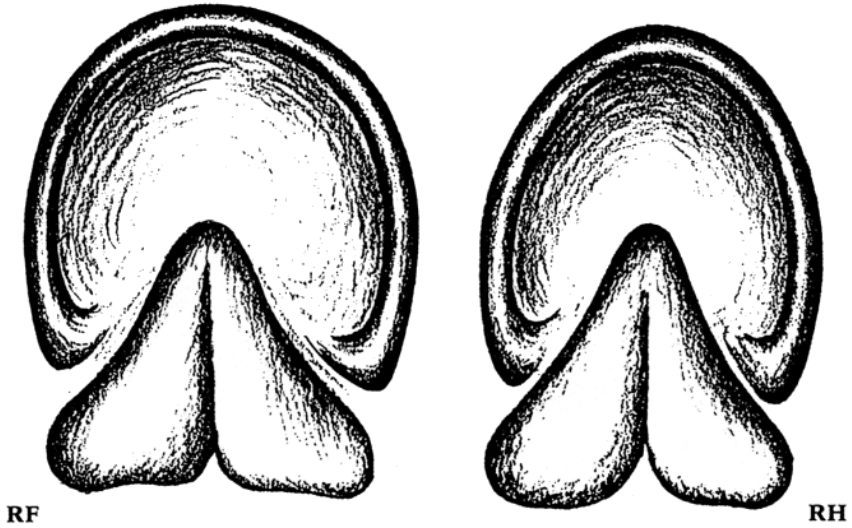


cm
Reduced

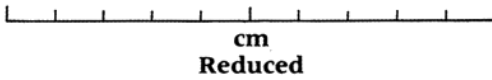


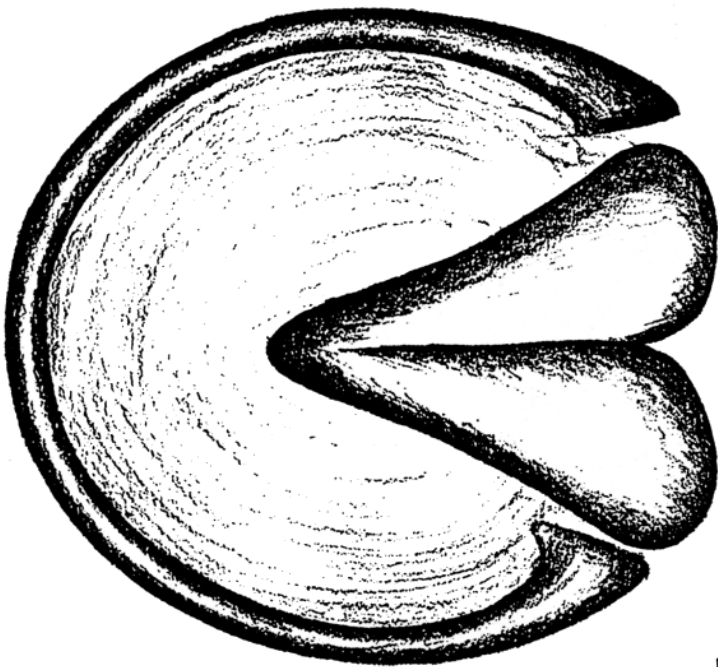
78.2 Cape Mountain Zebra

78.3 Hartmann's Mountain Zebra



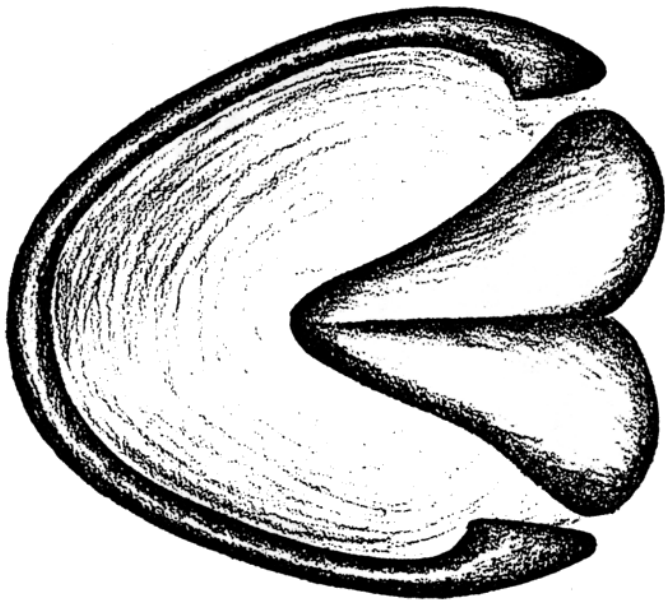
78.4 Domestic Donkey



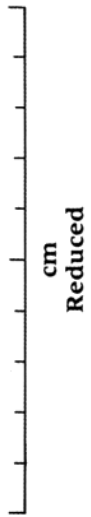


RF

78.5 Horse

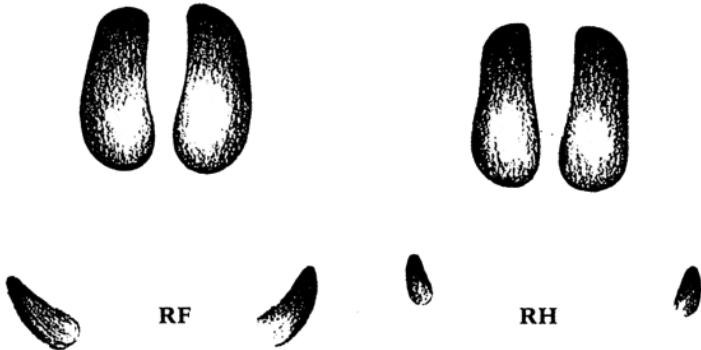


RH





81.1a Warthog

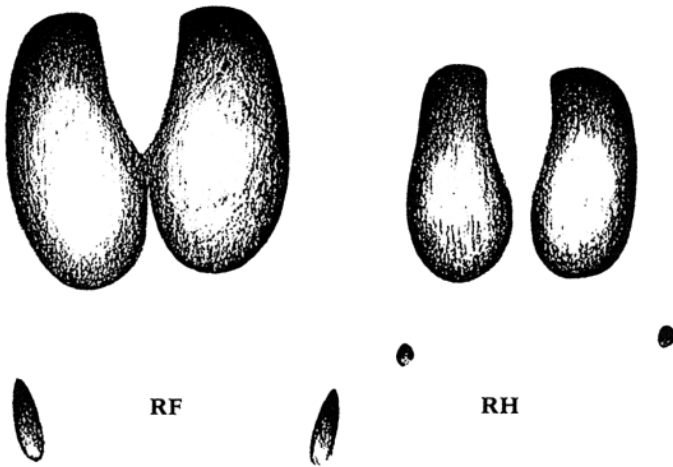
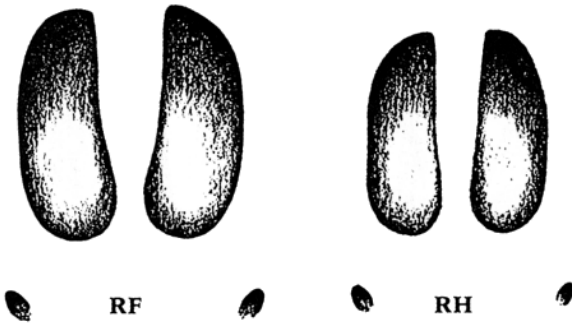
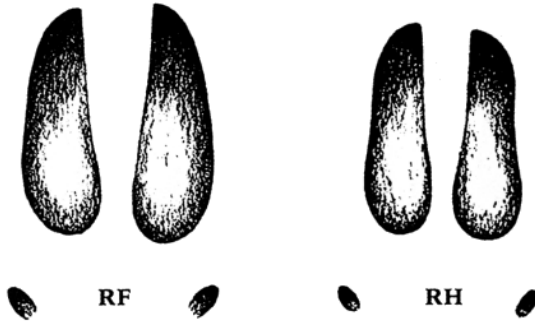


81.1b Warthog



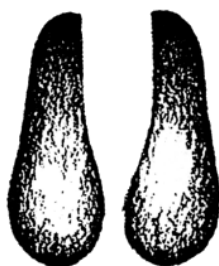
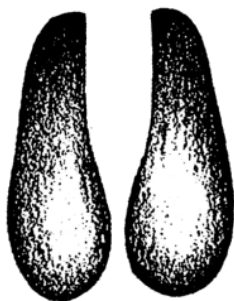
81.1c Warthog

cm
Reduced



cm
Reduced

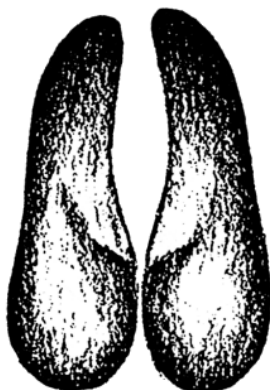
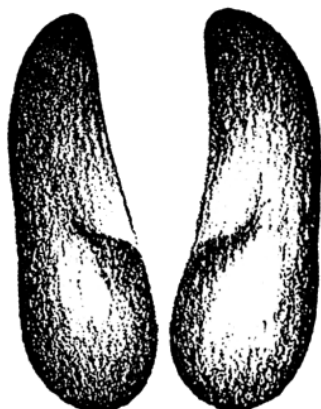
RF



RH

81.4 Domestic Goat

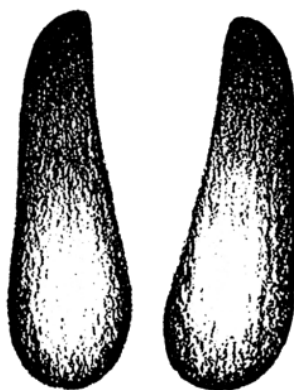
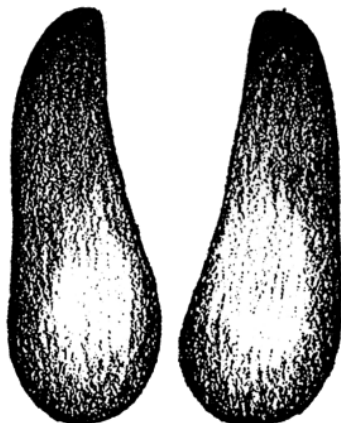
RF



RH

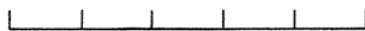
81.5 Domestic Sheep

RF



RH

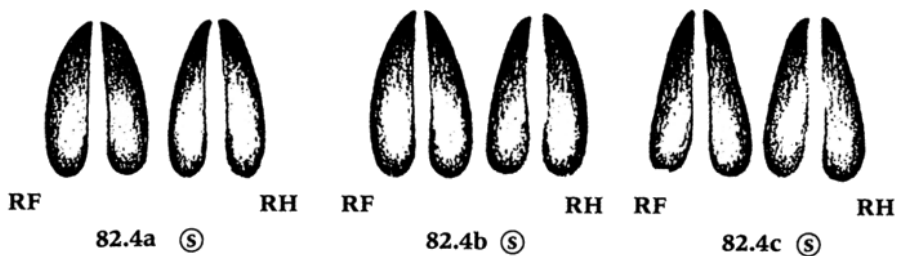
90 Himalayan Tahr



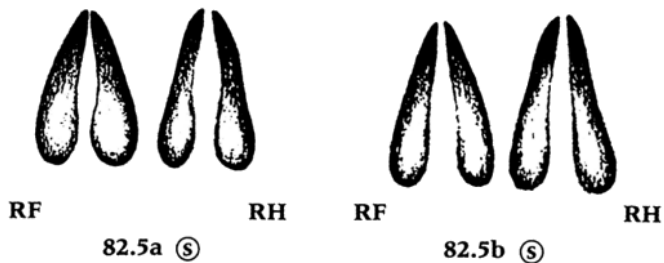
cm
Actual size



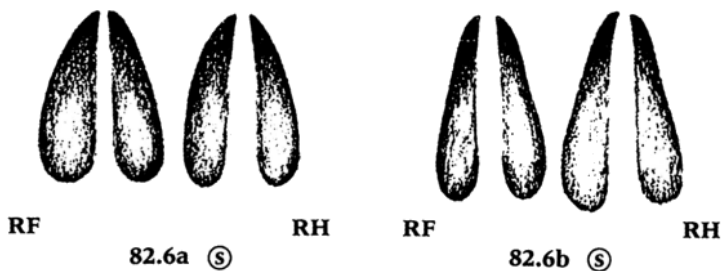
82.1 Blue Duiker



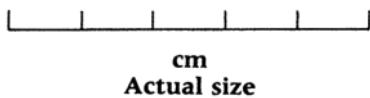
82.4 Suni



82.5 Damara Dik-dik

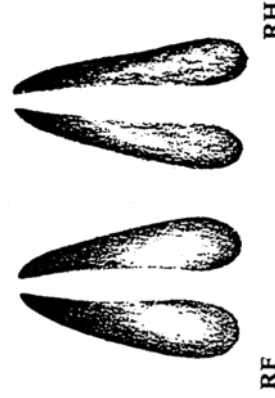


82.6 Sharpe's Grysbok



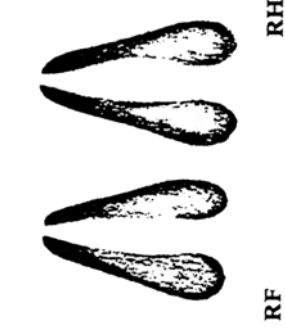


82.7a

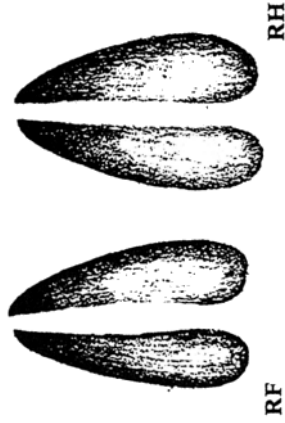


82.7b Ⓢ

82.7 Grysbok



82.7c Ⓢ

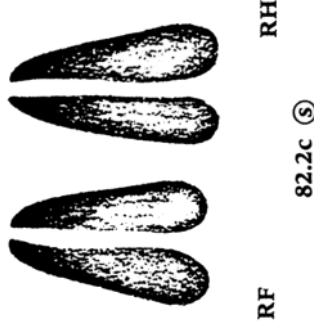


82.2a



82.2b Ⓢ

82.2 Red Duiker

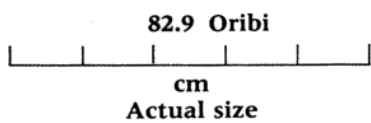
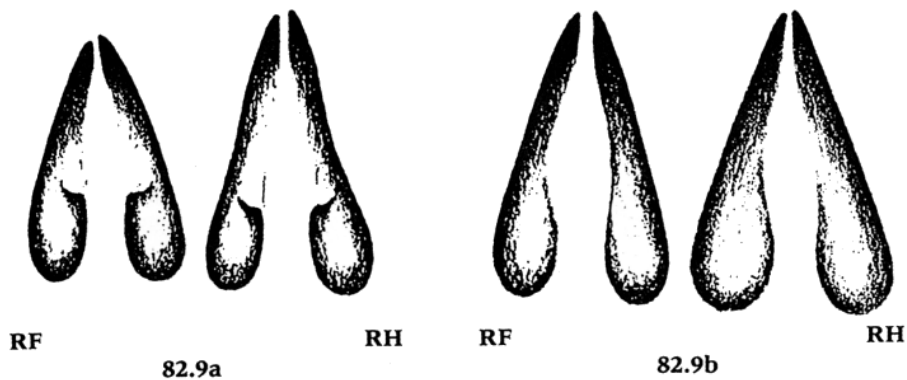
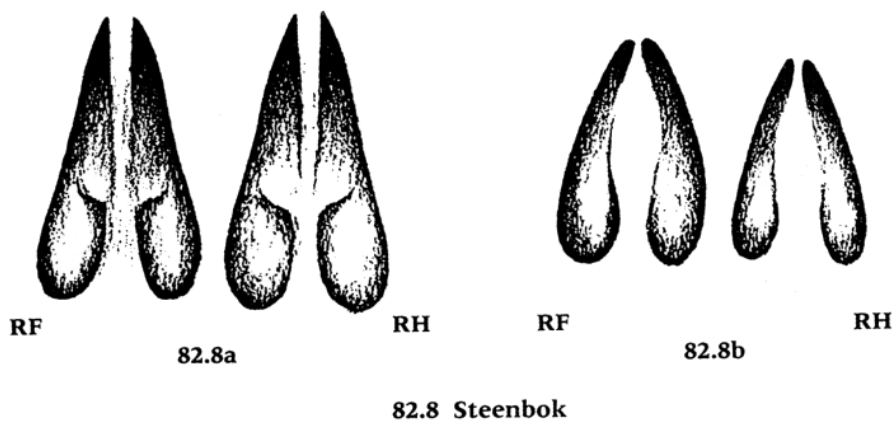


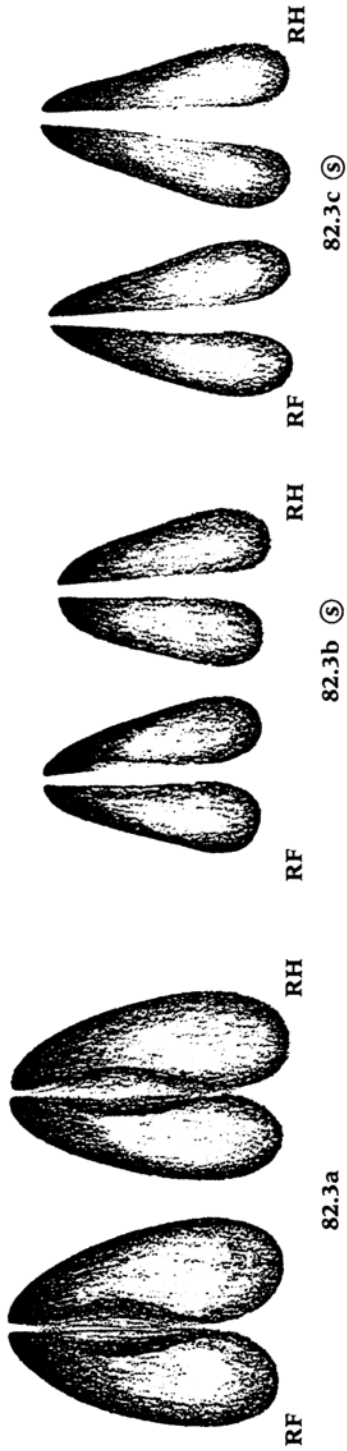
82.2c Ⓢ



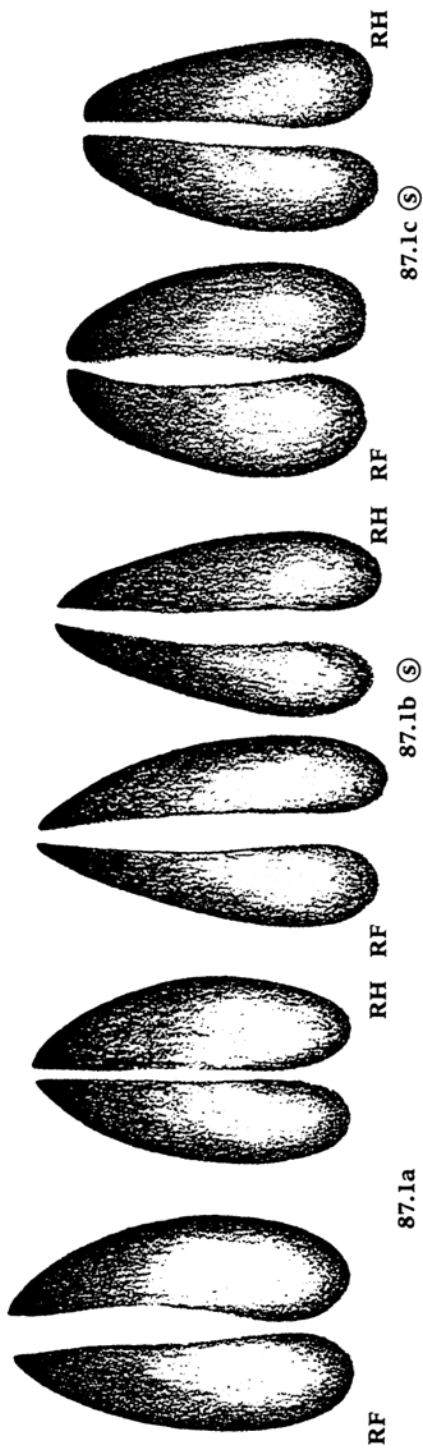
cm

Actual size



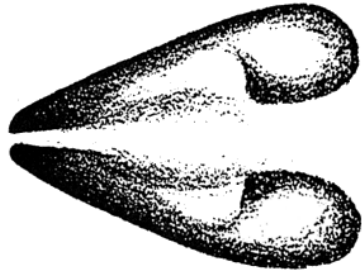


82.3 Common Duiker



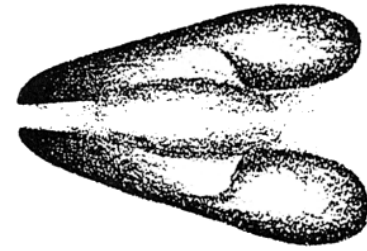
87.1 Bushbuck

Actual size | | | | | cm



RF

84.2 Impala

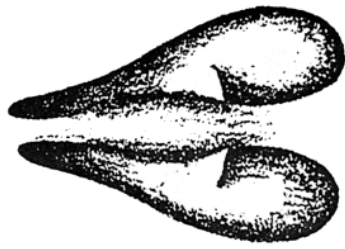


RH

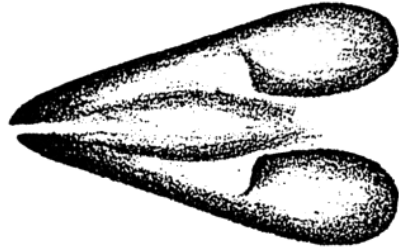
RF

84.2a

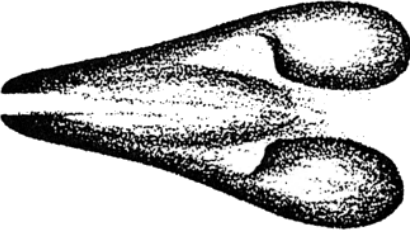
84.2b



RH



RF



RH

84.1 Springbok



RF

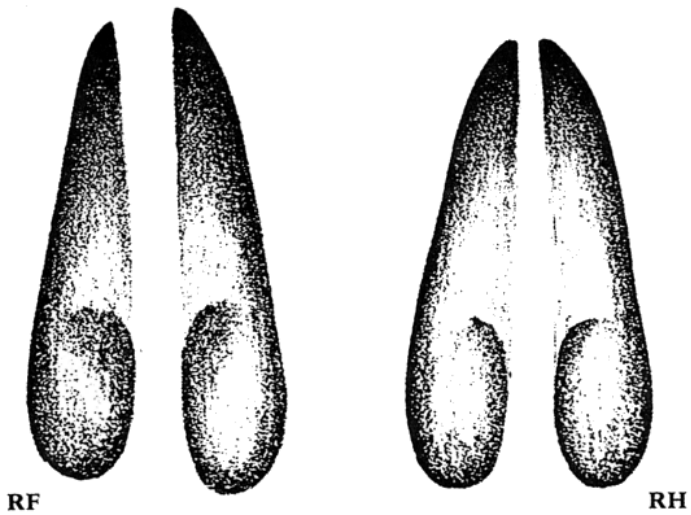


RH

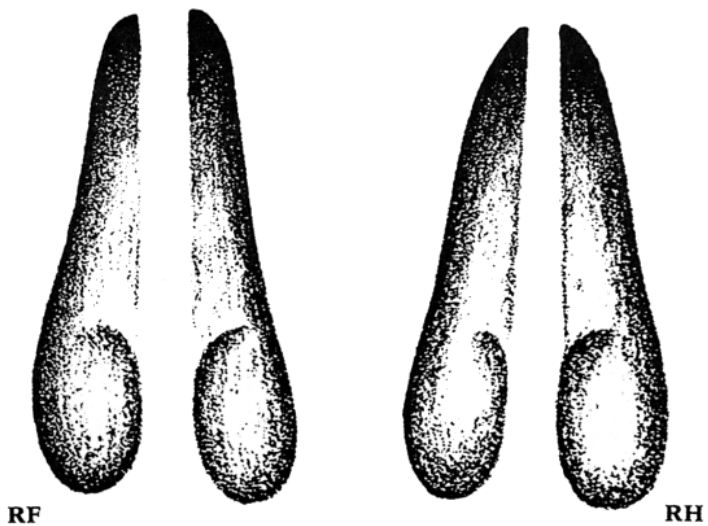
84.1a

84.1b

Actual size [] cm



84.6a

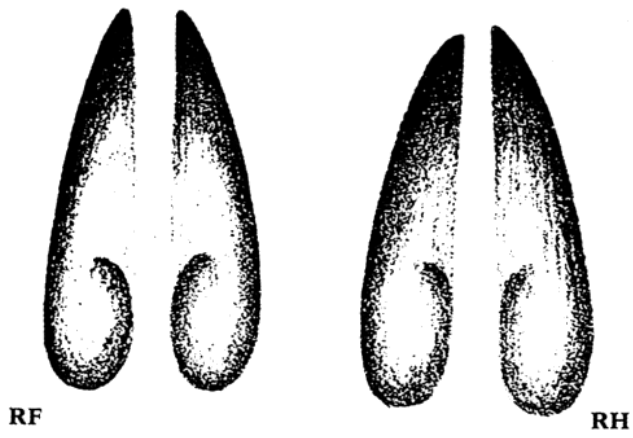


84.6b

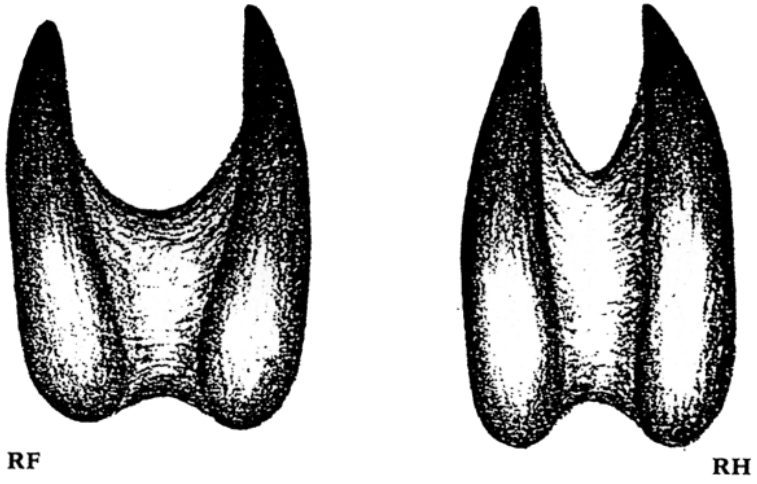
84.6 Reedback



cm
Actual size

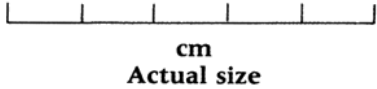


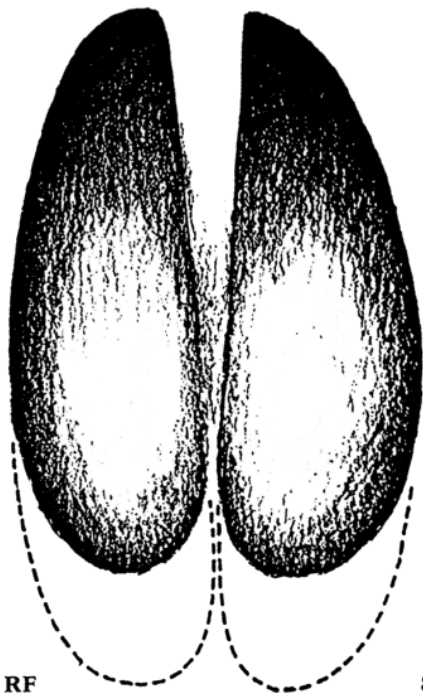
84.6c



84.6d

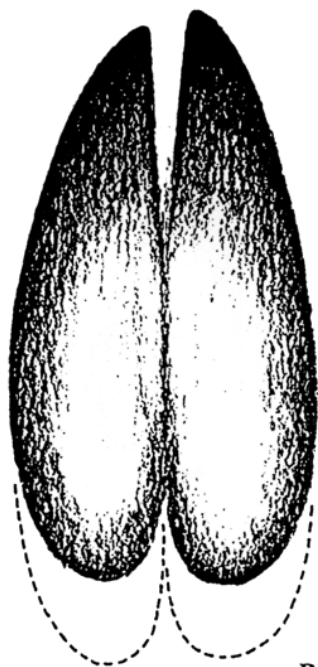
84.6 Reedbuck



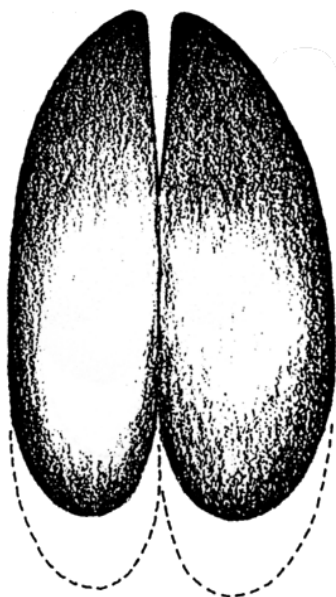


RF

87.3a

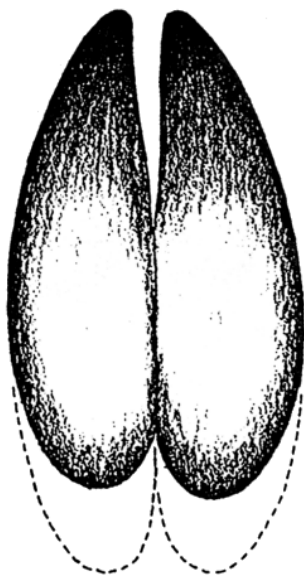


RH



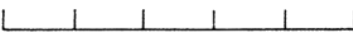
RF

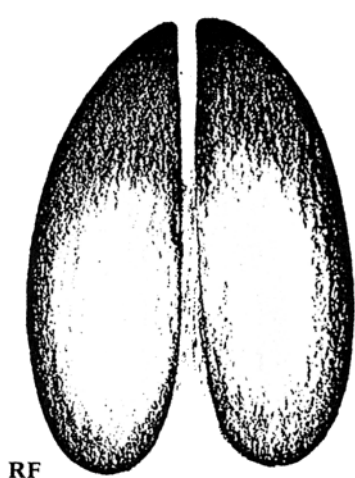
87.3b



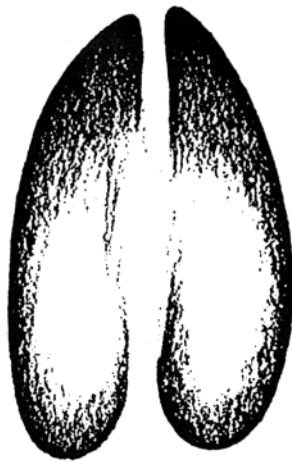
RH

87.3 Kudu

Actual size  cm

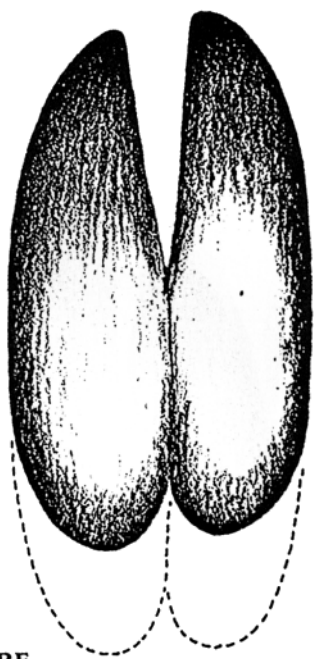


RF

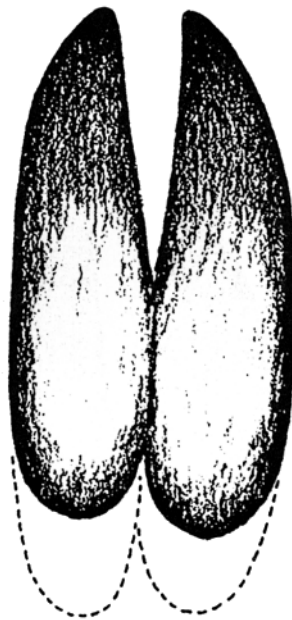


RH

87.3c



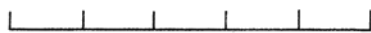
RF



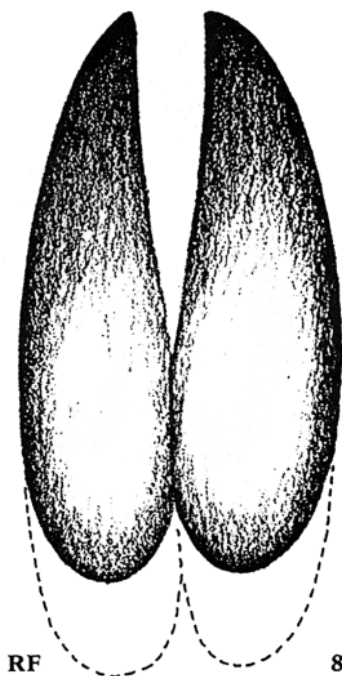
RH

87.3d

87.3 Kudu



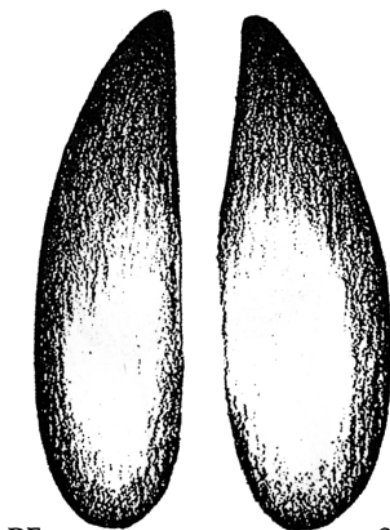
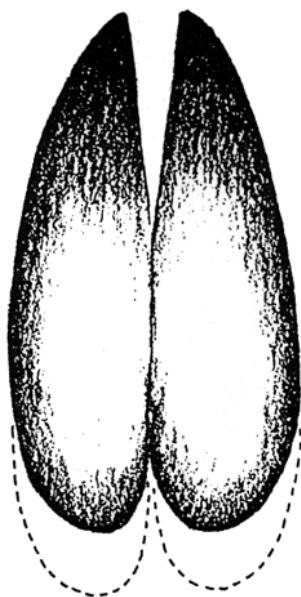
cm
Actual size



RF

87.3e Kudu

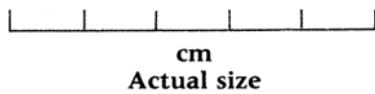
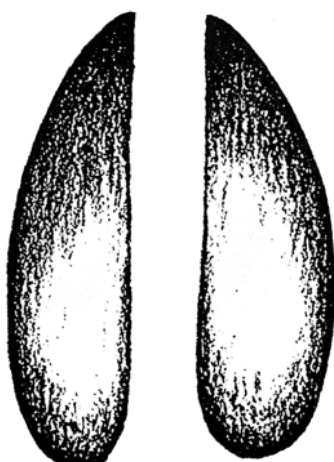
RH

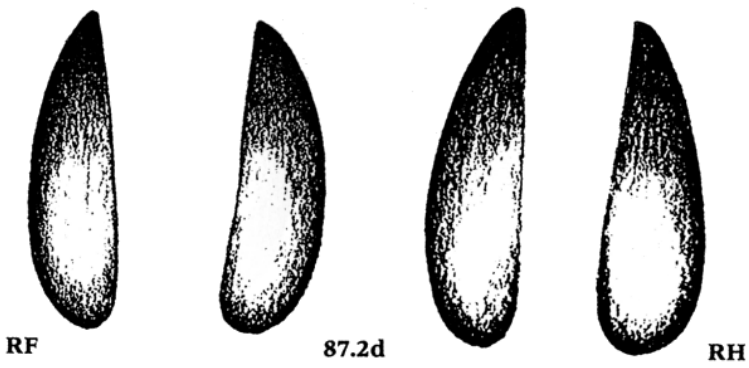
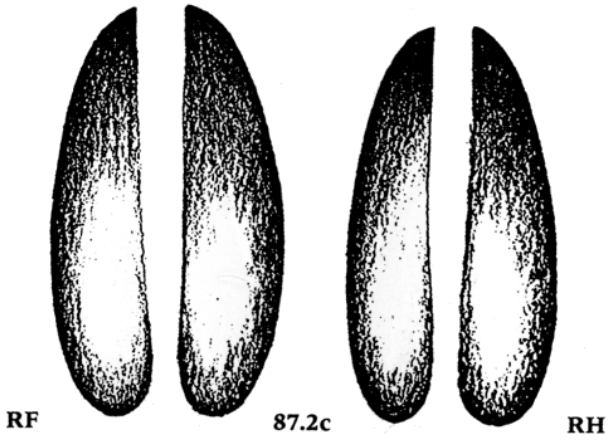
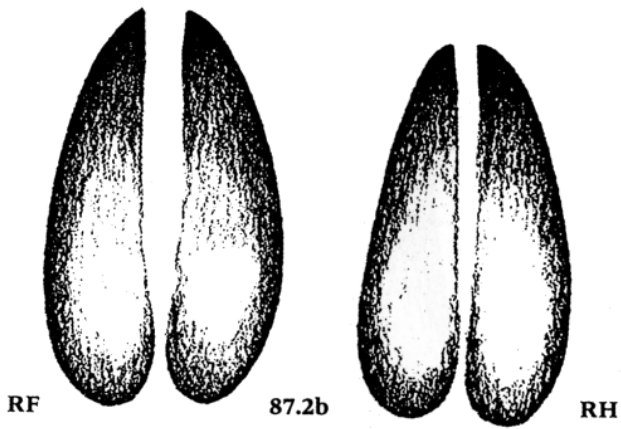


RF

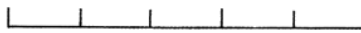
87.2a Nyala

RH

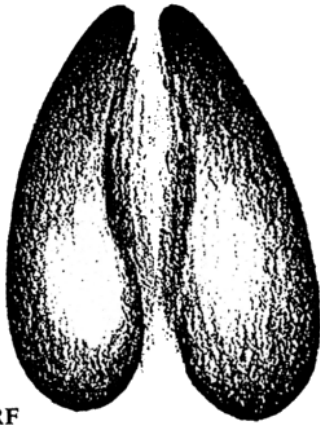




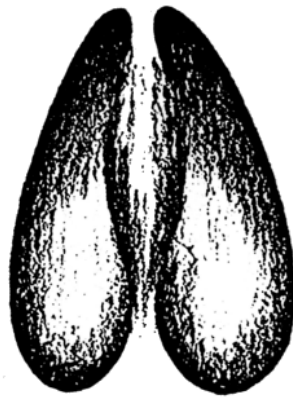
87.2 Nyala



cm
Actual size

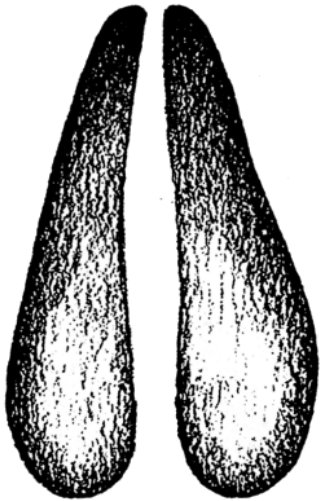


RF



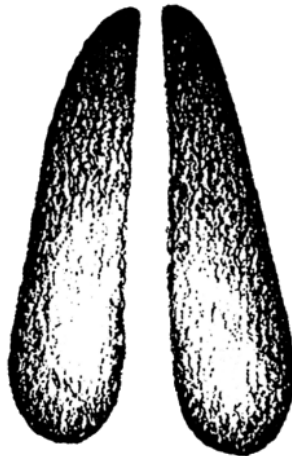
RH

92 European Fallow Deer



RF

Ⓢ



RH

85.2 Puku



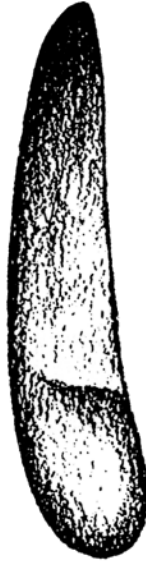
cm
Actual size



RF

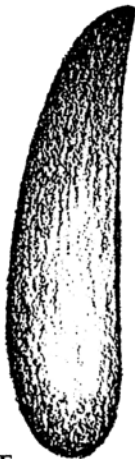


Ⓢ



RH

85.1a



RF

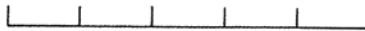


85.1b



RH

85.1 Red Lechwe

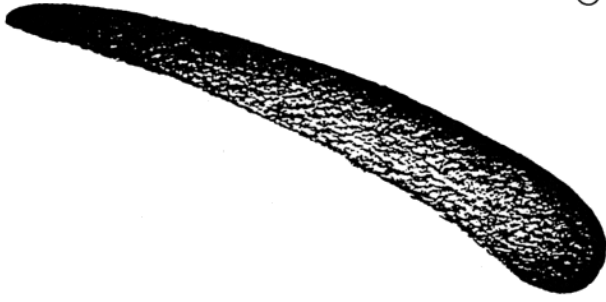


cm

Actual size



RF



⑤

86 Sitatunga

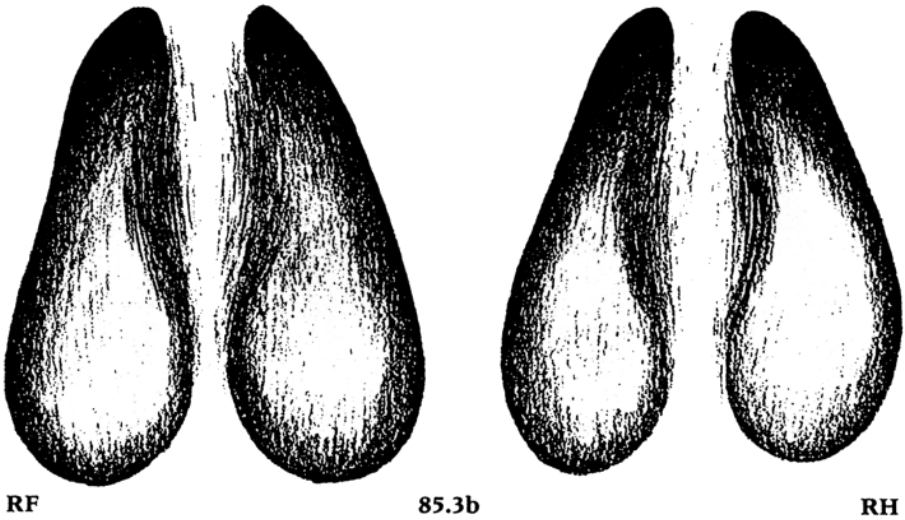
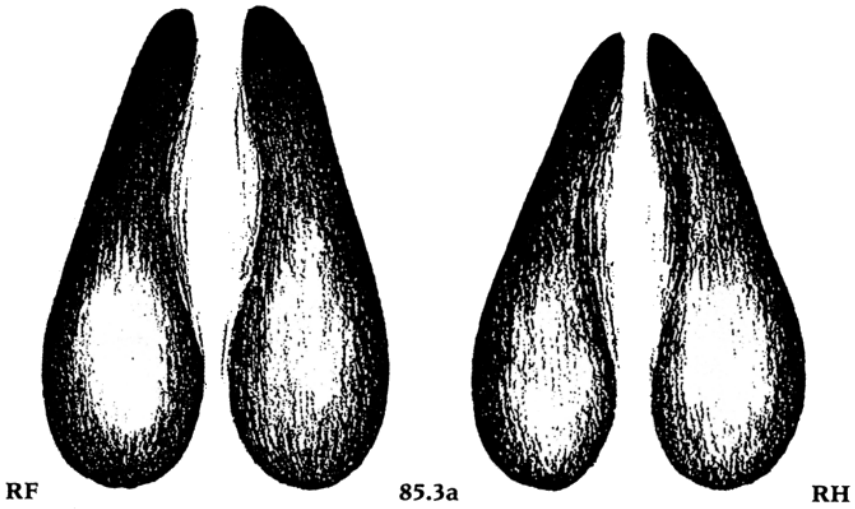


RH

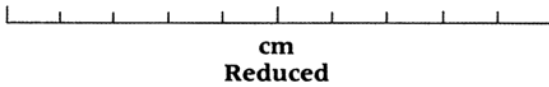


cm

Actual size

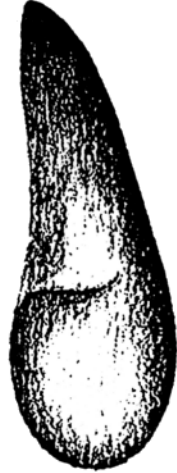


85.3 Waterbuck





RF



RH

89.5 Blesbok



RF

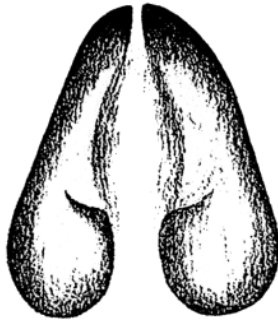


RH

89.4 Bontebok

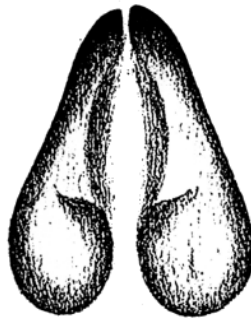


cm
Actual size

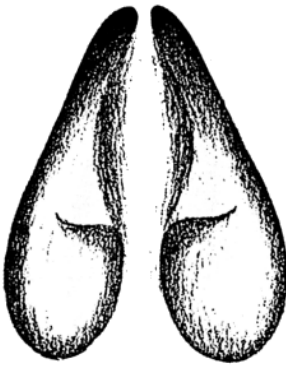


RF

89.6 Tsessebe

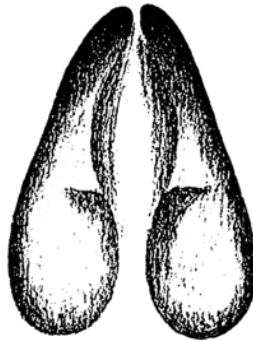


RH

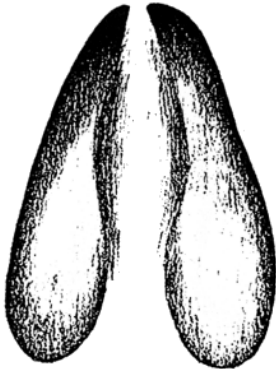


RF

89.7 Red Hartebeest



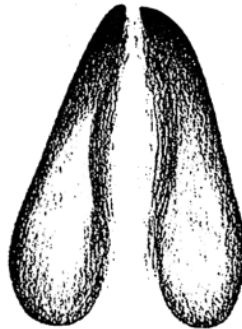
RH



RF

89.8 Lichtenstein's Hartebeest

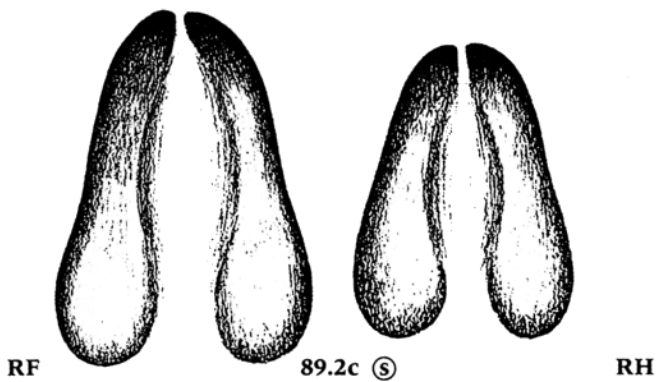
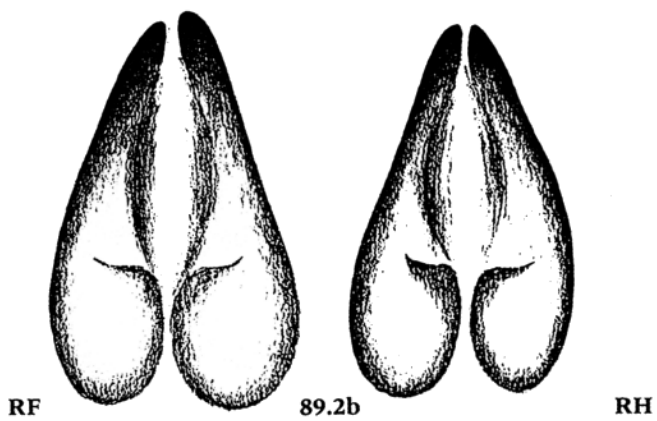
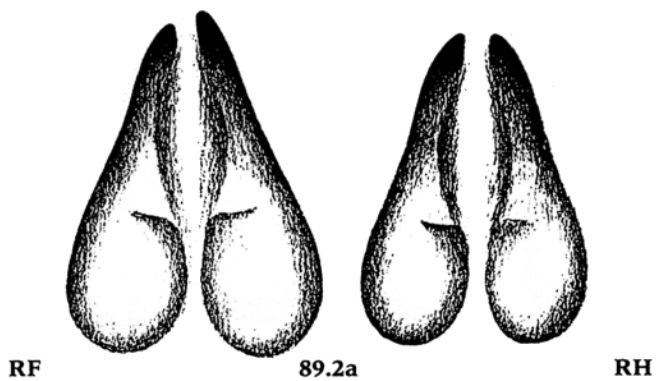
Ⓢ



RH



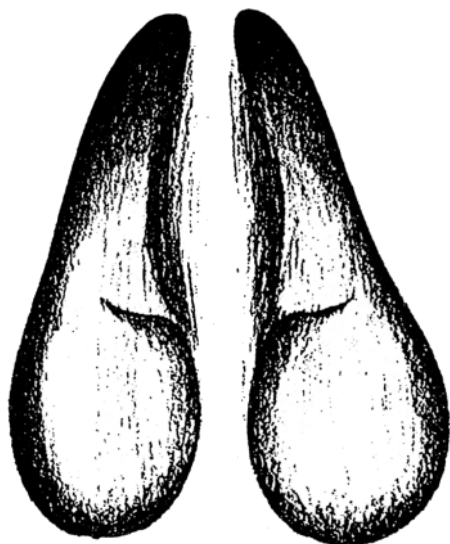
cm
Reduced



89.2 Sable

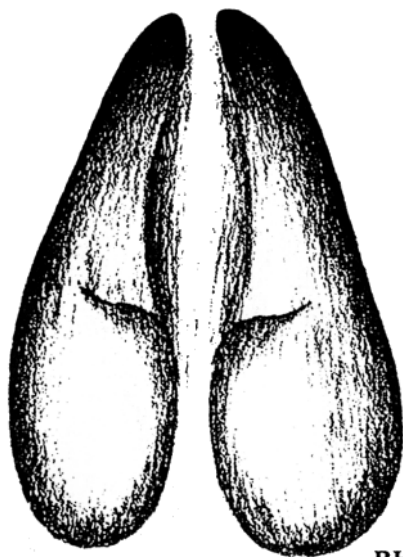


cm
Reduced

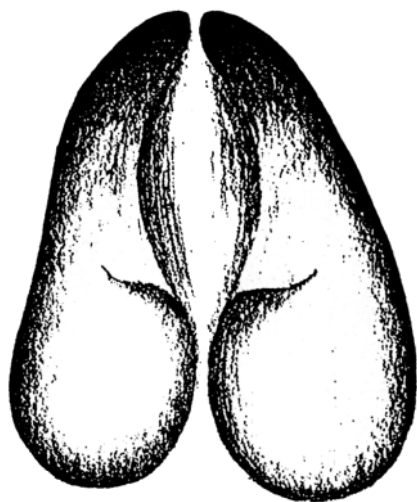


RF

89.3a

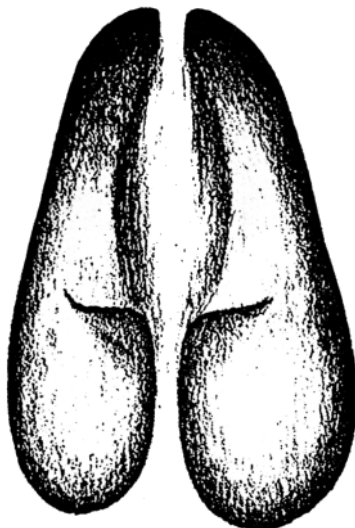


RH



RF

89.3b

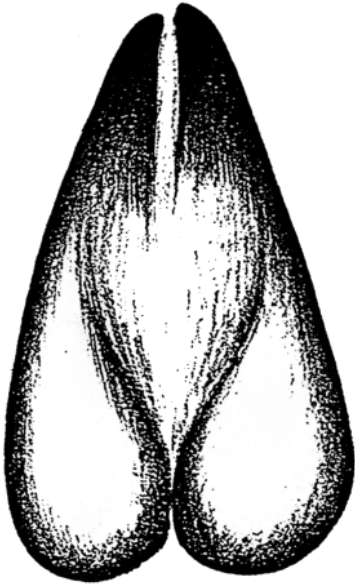


RH

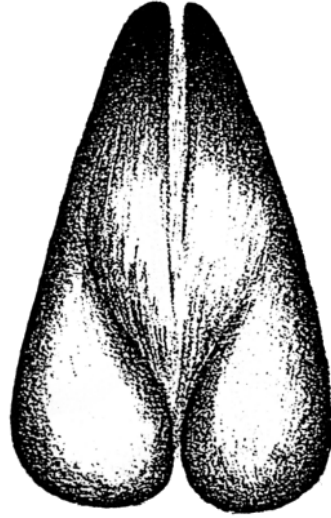
89.3 Roan



cm
Reduced

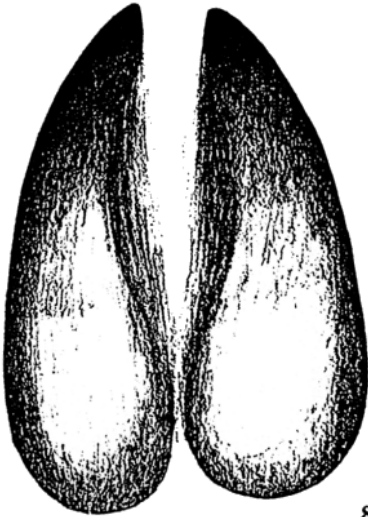


RF

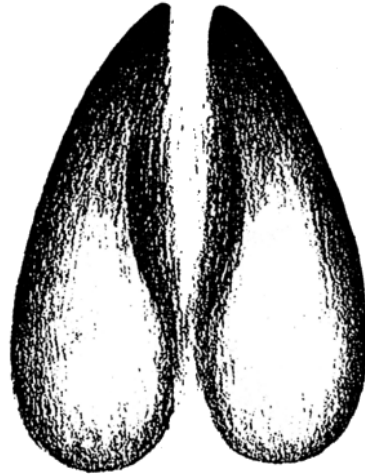


RH

89.1a



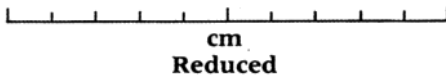
RF

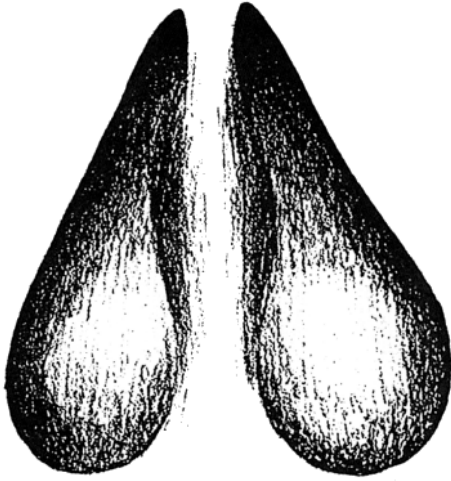


RH

89.1b

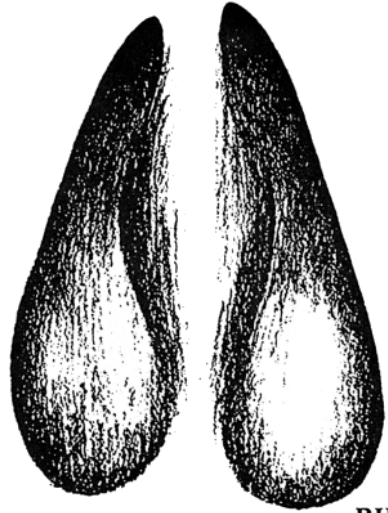
89.1 Gemsbok



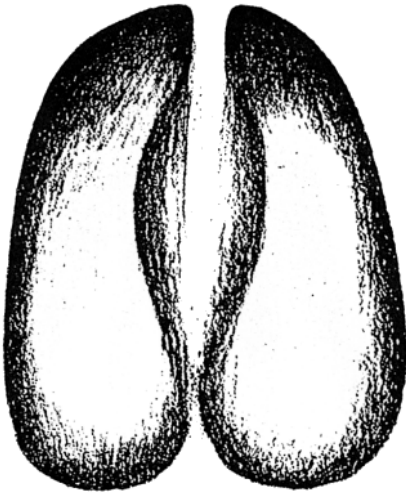


RF

89.1c

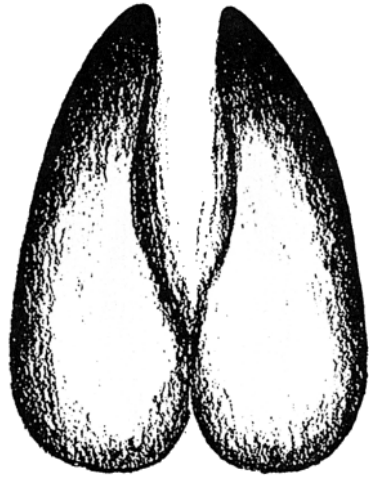


RH



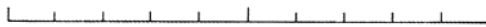
RF

89.1d ⑤

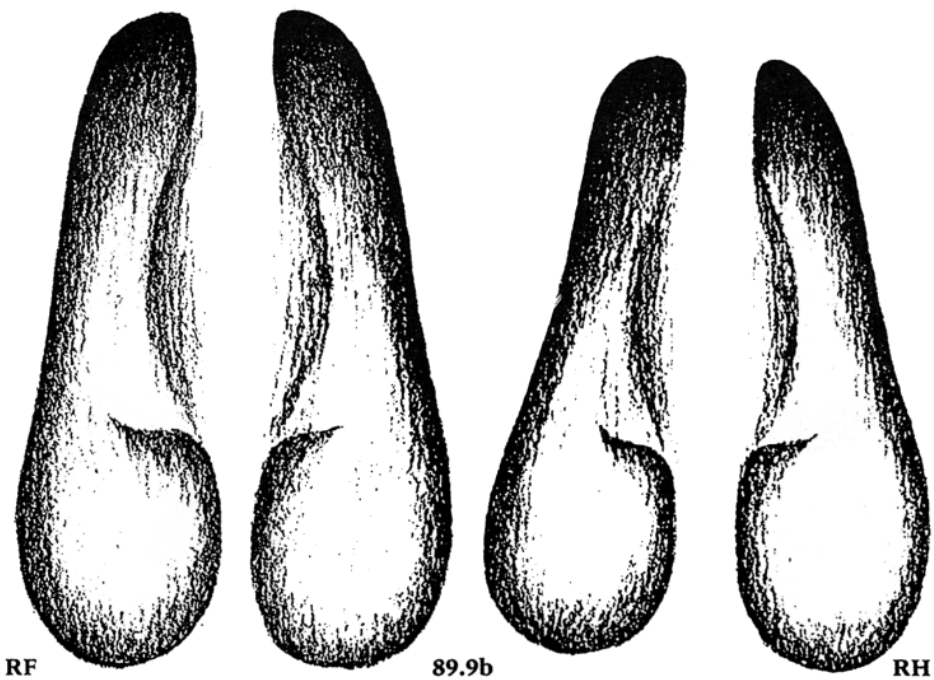
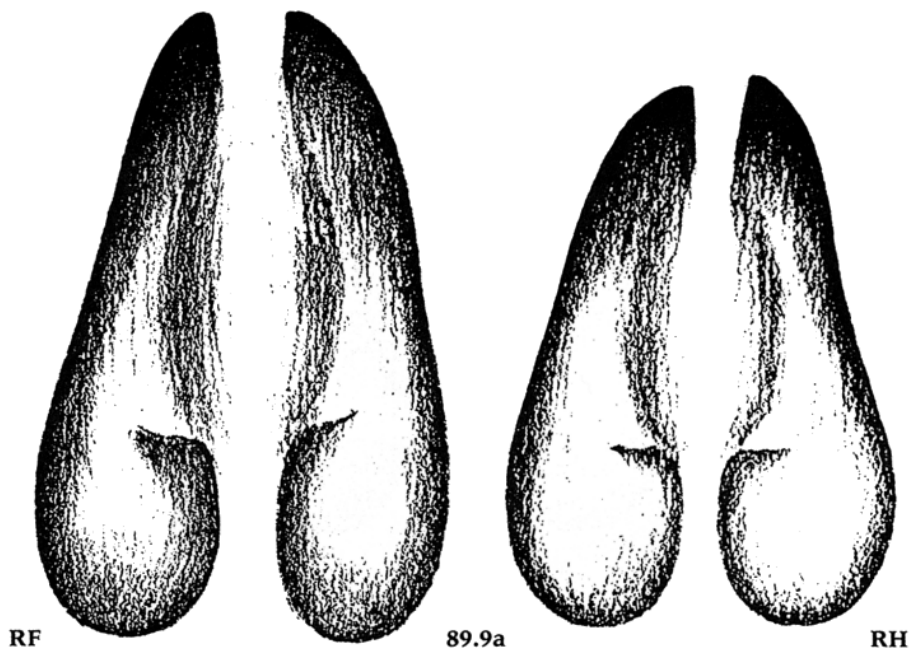


RH


89.1 Gemsbok

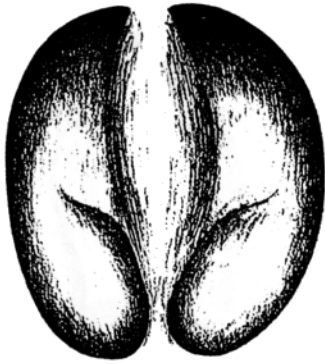


cm
Reduced



89.9 Black Wildebeest

Actual size  cm

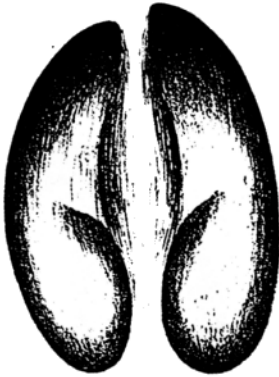


RF



RH

88.1a Eland



RF

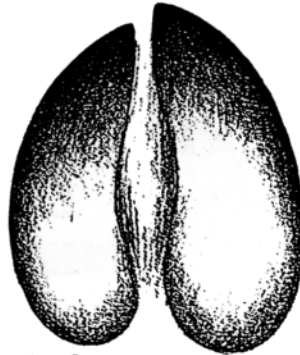


RH

88.1b Eland

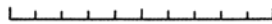


RF

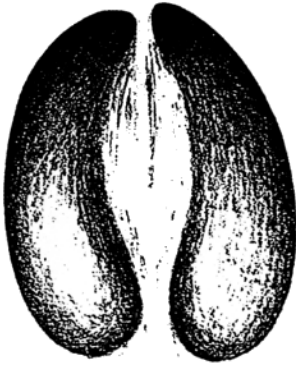


RH

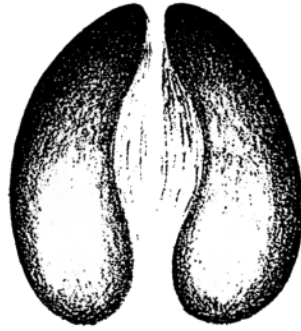
88.3 Domestic Cattle



cm
Reduced



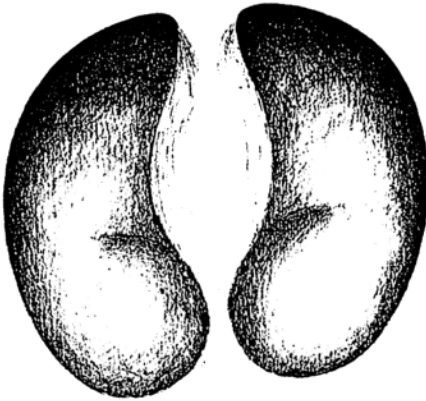
RF



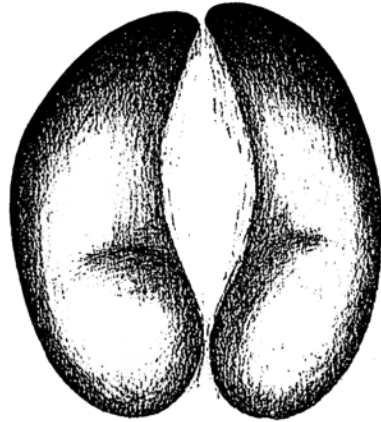
RH



88.2a Buffalo



RF



RH



88.2b Buffalo

