

## Small mammal identification key – November 2020

HB = head and body

GLS = greatest length of skull

HF = hind foot

### Squirrels

#### *Epixerus ebii* – Western palm squirrel

Generally large, squirrel-shaped. Generally dark brown pelage. Long ears. 5 digits hindfoot, 4 forefoot. 4 pairs of nipples. Feeds on hard shelled nuts and fruit. Primarily active in the morning.



	Mean	Min	Max
Mass	470.3	346	543
HB	263.8	240	280
Tail	283.8	260	320
HF	65.1	62.3	68.3
Ear	19.4	18	20
GLS	68.4	64.9	70.5

#### *Funisciurus pyrropus* – Fire footed rope squirrel

Smaller than most other squirrels (100-300g). Short legs and long tail. Moderate sized ears and rounded. 2 pairs of nipples.



Carcass and upper cheek teeth, note the small premolar. Typically small home range 1-5 ha. Frugivorous diet. Identified by presence of single pale flank stripe, without conspicuous black border stripes, which may or may not be broken into spots and with or without a single dark border stripe above or below but not both. Bright orange or red on the side of the face, the limbs and a conspicuous white flank stripe.

	Mean	Min	Max
Mass	241.6	187	289
HB	198.8	183	215
Tail	178.0	154	210
HF	46.2	41	52
Ear	17.8	117	20
GLS	49.0	46.7	51.9

### Heliosciurus

3 species believed endemic in SL. Typically 150-390g, long legs and tail. Relatively small ears and rounded. The tail is always longer than the body length and very bushy. 3 pairs of nipples. Primarily frugivorous.

#### Heliosciurus gambianus – Gambian sun squirrel

No mid-ventral white stripe, dull light grey coat, GLS <51mm. Typically in savannah.



	Mean	Min	Max
Mass	245.6	157	325
HB	205.5	188	230
Tail	248.0	200	305
HF	50.2	45	54
Ear	14.8	10	18
GLS	47.4	42.5	51.6

#### Heliosciurus punctatus – Small sun squirrel

No mid-ventral white stripe, dull dark grey-brown coat, GLS <51mm. Typically in forest.



	Mean	Min	Max
Mass	145.5	119	163
HB	186.7	155	206
Tail	227.3	202	270
HF	46.7	44	51
Ear	15.2	13	17
GLS	45.0	41.3	48.0

#### Heliosciurus rufobrachium – Red-legged sun squirrel

Red or reddish-brown on limbs, contrasting with duller dorsal coat



	Mean	Min	Max
Mass	329.3	250	388
HB	227.7	193	256
Tail	267.3	203	320
HF	53.9	47	60
Ear	15.7	10	19
GLS	52.1	46.3	56.8

#### Paraxerus poensis – Green bush squirrel

Slender body, long legs and long tail. Dull olive green coat. Small rounded ears. 3 pairs of nipples. Small GLS <40, HF <36. No stripe, dull coat, no orange or red colouration.



	Mean	Min	Max
Mass	171.3	114	346
HB	157.9	132	179
Tail	184.6	106	218
HF	40.0	32	41
Ear	12.8	10	17
GLS	40.5	34.7	43.5

#### Allosciurus aubinii – Slender-tailed squirrel

Large squirrel 400-500g, uniform dark brown coat with long slender tail. Long ears. Non-bushy tail can be 1.25 times HB length. Four pairs of nipples.



	Mean	Min	Max	N
Mass	470.7	429	498	3
HB	253	240	267	3
Tail	295	273	310	3
HF	54.5	52	57	3
Ear	20.1	19	21	3
GLS	59.2	58.5	60.1	3

#### Protoxerus stangeri – Forest giant squirrel

550-750g, slender body with relatively short legs. Large head and long tail. Hairs of the head are white tipped. Tail is slightly longer than the body with alternating black and white (narrow) bands. 4 pairs of nipples.



	Mean	Min	Max
Mass	616.8	393	716
HB	276.7	210	310
Tail	316.8	230	394
HF	64.9	60	72
Ear	21.4	15	25
GLS	66.4	62.0	70.5

## Dormice

Small, resembles squirrel shaped body.

### *Graphiurus crassicaudatus* – Jentink's dormouse

Larger than GLS >24mm but < 32mm, upper incisors pro-odont. Nasals parallel-sided; dorsal coat rufous or with rufous hue. Rufous coat, pro-odont upper incisors. Parallel-sided nasals with strong supraorbital ridges.

	Mean	Min	Max
Mass*	23.6	19	29
HB*	88.9	77	100
Tail*	58.4	53	70
HF*	16.4	13	19
Ear*	12.0	7	15
GLS*	25.6	24.1	27.8



### *Graphiurus lorraineus* – Lorrain dormouse

Dorsal and ventral coat not clearly demarcated. Smaller than GLS <25mm, nasals broaden out distally. Coat brown or rufous. Upper incisors orthodont or opisthodont.

	Mean	Min	Max
Mass*	16.8	12	24
HB*	80.5	70	93
Tail*	66.8	45	77
HF*	16.5	13	19
Ear*	12.4	9	15
GLS*	24.5	22.7	26.2



### *Graphiurus nagtglasii* – Nagtglas's African dormouse

GLS >32mm, facial mask inconspicuous or absent, tail not white tipped.

	Mean	Min	Max
Mass	70.2	62	77
HB	132.4	108	160
Tail	126.0	102	160
HF	27.3	24	31
Ear	19.4	16	22
GLS	36.3	32.9	39.9



## Cricetomys

Very large rodents (HB 320-350). Long two coloured tail, small feet and large ears. Large skull GLS 65-75mm. Nocturnal rodent, omnivorous. Difficult to distinguish these species morphologically so distribution is used. *C. emini* is the only one present in Guinea and Sierra Leone but also consists of 4 sub-species.

*Cricetomys emini* – Emin's pouched rat

	Mean	Min	Max
Mass	1000	-	-
HB	328.5	300	355
Tail	381.6	320	429
HF	67.7	64	71
Ear	38.1	33	45
GLS	70.3	59.5	77.2



## Lophuromys

Small to large HB 90-180, relatively short tail 50-85% of HB. Terrestrial and nocturnal genus. Omnivorous

*Lophuromys sikapusi* – Rusty-bellied brush-furred rat

Only species of the genus in West Africa west of the Sanaga River. Likely contains several cryptic species.



	Mean	Min	Max
Mass	63.7	34	87
HB	129.9	110	145
Tail	69.0	58	75
HF	23.0	20	25
Ear	16.2	14	18
GLS	31.1	27.6	33.5

## Uranomys

Small genus HB ~105mm, short tail relative to body. Small skull. Terrestrial, nocturnal, live in deep burrows. Partly insectivorous but also feeds on cultivated crops.



### Uranomys ruddi – Rudd's mouse



	Mean	Min	Max
Mass	33.1	26	43
HB	106.4	95	119
Tail	68.6	60	73
HF	17.1	16	19
Ear	13.4	10	15
GLS	26.4	25	27.7

### Gerbillinae (subfamily)

Two species of the genus gerbilliscus are identified in SL. Relatively large 90-130g, HB 130-169mm and heavily built. Hindfoot soles are naked. Nocturnal and terrestrial. Diet is omnivorous and opportunistic.

#### Gerbilliscus guineae – Guinean gerbil

Smaller size GLS 35mm, tail 90-100% of HB with a pencil, brown tail, paler below.  $2n = 50$ . Difficult to distinguish from co-occurring species in W. Africa without chromosomal/molecular diagnosis.



	Mean	Min	Max
Mass*	72.8	50	136
HB*	140.9	102	178
Tail*	173.5	151	198
HF*	33.0	28	38
Ear*	20.7	18	24
GLS	35.0	33.0	37.5

#### Gerbilliscus kempfi – Kemp's gerbil

Longer ear 20mm. Longer tail 110-120% of HB.  $2n = 36$ .

	Mean	Min	Max
Mass	97.3	74	128
HB	154.1	125	184
Tail	152.7	115	188
HF	35.5	32	41
Ear	19.6	17	23
GLS	40.1	36.3	43.3



## Arvicanthis – Grass rats

Medium to large-sized rodents (35-130g, HB 100-160mm), sparsely haired, coarse scaled tail, shorter than head and body length (65-95% of HB). 6 nipples. Diurnal rodents, specialised herbivores.

### Arvicanthis niloticus – African grass rat

No morphological species that can be used to confidently distinguish this species. Possible species complex.



	Mean	Min	Max
Mass	114.8	89	160
HB	156.6	127	188
Tail	129.6	92	155
HF	33.0	30	36
Ear	18.3	13	22
GLS	34.9	29.8	40.2

### Arvicanthis rufinus – Guinean grass rat

Previously described as a synonym of *A. niloticus*.

	Mean	Min	Max
Mass*	103.3	59	168
HB*	143.8	115	177
Tail*	138.2	127	146
HF*	32.7	29	38
Ear*	19.8	16	24
GLS	37.9	34.7	40.5



## Dasymys

Medium large rodents (mass 80-120g, HB 130-170mm). Characterised by a flat, disc like face with small eyes, shaggy soft, long haired coat. Tail is shorter in length than head and body 73-95% of HB. Herbivorous and good swimmers. Prefer marshy habitats.

### Dasymys rufulus – West African shaggy rat

Only *Dasymys* species in W. Africa.

	Mean	Min	Max
Mass	-	-	-
HB*	141	122	159
Tail*	139	131	152
HF*	28.5	25	31
Ear*	19	15	23
GLS*	34.4	32.5	37.2



## Dephomys

Medium sized rodent, reddish brown coat. Long and sleek fur with sparse black tipped guard hairs. Ventral hairs, white tipped with grey base. Tail is 160% of HB, black in colour with rings of small scales and bristle.

### Dephomys defua – Defua rat

2n 54. Distinguished from *D. eburneae* by the presence of t3 on upper molar or chromosomal grounds.

	Mean	Min	Max
Mass*	62.5	57	68
HB	124.8	112	136
Tail	191.0	184	195
HF	26.3	25	27
Ear	17.9	16	20
GLS	32.5	28.4	35.0



## Grammomys

Small to medium sized rats HB 85-140mm, long tail 120-163% of HB, inconspicuous but visible tuft. Relatively small feet with 5 digits. Skull is small. Genus is arboreal and nocturnal. Frugivorous or vegetarian.

### Grammomys buntingi – Bunting's thicket rat

May overlap with *G. macmillani* in Ivory Coast.



	Mean	Min	Max
Mass	-	-	-
HB	114.4	100	125
Tail	170.0	165	180
HF	25.0	24	26
Ear	18.4	16	20
GLS	30.0	28.6	31.4

## Hybomys

Forest mice, medium sized (Mass 50-65g, HB 110-165mm) sleek and soft coat. 1-3 black dorsal stripes. Tail is black and appears naked. Digits 1 and 5 highly reduced compared to most murines. Associated with primary and secondary tropical rainforest. Terrestrial, primarily nocturnal. Insectivorous diets.

### Hybomys planifrons – Miller's striped mouse

Narrow and tapering rostrum, 2 pairs of nipples. Cranial profile flat anteriorly. Single mid-dorsal stripe extending from the head to the base of the tail. Co-occurs with trivirgatus. 2n = 35-39.

	Mean	Min	Max
Mass*	51	46	60
HB*	124	120	130
Tail*	97	91	104
HF*	30.6	28	32
Ear*	17.4	16	19
GLS*	32.8	32.0	33.8

### Hybomys trivirgatus – Temminck's striped mouse

Narrow and tapering rostrum, 2 pairs of nipples. Cranial profile flat anteriorly. Three mid-dorsal stripes present. 2 lateral stripes shorter and sometimes inconspicuous. 2n = 40-43.



	Mean	Min	Max
Mass	49.6	29	63
HB	118.7	105	130
Tail	97.0	85	110
HF	30.6	27	34
Ear	16.3	15	18
GLS	33.4	28.1	36.1

## Hylomyscus

Small to very small (mass 10-35g, HB 70-120mm). Soft furred arboreal mice lacking guard hairs. Tail typically 120-165% of HB. Widespread in lowland and montane tropical rainforest. Arboreal, nocturnal and omnivorous.

### Hylomyscus baeri – Baer's wood mouse

Supraorbital ridges present, ventral coat pure white, tip of tail without obvious hairs. Four pairs of nipples.

	Mean	Min	Max
Mass*	21.8	21	23
HB*	105.9	98	115
Tail*	128.1	111	141
HF*	21.8	21	23
Ear*	16.3	15	19
GLS*	25.8	24.2	26.9

### *Hylomyscus simus*

Supraorbital ridges absent, incisors opisthodont (pointing backwards) GLS > 22mm, incisors orthodont or slightly pro-odont. Can only be identified with certainty on molecular grounds.

Typically found in rainforest.

	Mean	Min	Max
Mass	18.5	12	22
HB*	89.0	66	128
Tail*	123.0	52	143
HF*	19.0	16	20
Ear*	16.0	13	18
GLS*	23.8	20.7	25.3

### *Lemniscomys*

Medium sized rodents (mass 40-80g, HB 90-140mm), short, tawny-furred ears. Short haired, sleek coat which has three characteristic dorsal colour patterns. The tail is white ventrally, marked with sparse black hairs and small concentric scales dorsally and may be similar or longer than the HB length 100-125%. Medium sized skull, 25-35mm, long and narrow. Typically occur in savannas and forest clearings. Terrestrial and crepuscular. Diet varies seasonally.

#### *Lemniscomys bellieri* – Bellier's striped grass mouse

Dorsal coat with multiple lines broken into spots. Midline flanked by 8 rows of spots not arranged into neat lines and/or spots in lower rows tending to connect to form lines; GLS <29mm. Occurs in grasslands, particularly moist savanna, avoiding forest and forest edge habitats.



	Mean	Min	Max
Mass	-	-	-
HB*	109	91	127
Tail*	112	94	134
HF*	25.4	23	27
Ear*	15.9	13	19
GLS*	28.2	24.4	31.3

#### *Lemniscomys striatus* – Typical striped grass mouse

Dorsal coat with multiple lines broken into spots. Midline flanked by 8 rows of spots. GLS >29mm.



	Mean	Min	Max
Mass	41.1	28	67
HB	115.6	97	139
Tail	124.4	96	153
HF	26.7	22	29
Ear	15.9	12	21
GLS	30.7	27.6	33.1

### Lemniscomys limulus

Dorsal coat has a single mid-dorsal stripe. Found in drier savanna habitats, likely not in SL.

	Mean	Min	Max
Mass	38.7	37	41
HB*	105.4	93	126
Tail*	111.4	95	135
HF*	26.0	23	28
Ear*	16.6	15	18
GLS*	27.3	25.2	29.5

### Malacomys

Large (mass 60-80g. HB 130-160mm), large naked ears, short, soft, fine fur, lacking guard hairs. Tail is bicoloured, relatively long 130-136% of HB. Long slender pale-coloured hindfoot, >31mm 25% of HB. Terrestrial, nocturnal and feed on slugs, earthworms and plant parts.

#### Malacomys edwardsi – Edward's swamp rat

HF <35mm 2 pairs of nipples.



	Mean	Min	Max
Mass	64.5	46	80
HB	140.1	126	160
Tail	168.8	155	180
HF	34.2	31	37
Ear	25.7	24	28
GLS	37.9	34.9	39.6

## Mastomys

Females of these rodents are recognisable by having 16-24 pairs of mammae. Wide distribution in savannas, grasslands and agricultural habitats. Terrestrial and nocturnal, granivorous and omnivorous.

### *Mastomys erythroleucus* – Guinea multimammate mouse

Can only be distinguished with certainty from other species of *Mastomys* on chromosomal or molecular grounds.  $2n = 38$ ,  $FN = 50-60$ .

	Mean	Min	Max
Mass*	51.3	32	107
HB*	129.9	92	178
Tail*	115.8	81	151
HF*	23.4	20	27
Ear*	18.8	15	23
GLS**	28.8	23.7	34.3

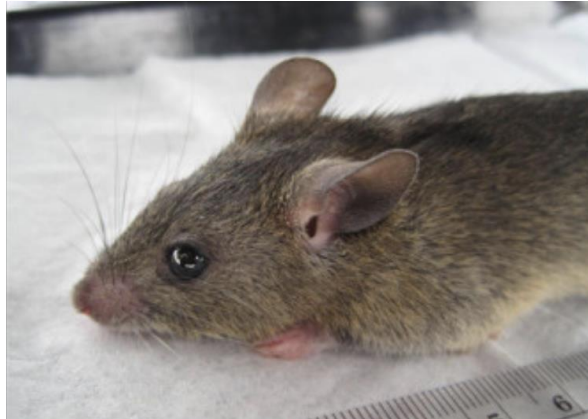


### *Mastomys natalensis* – Natal multimammate mouse

Can only be distinguished with certainty from other mastomys species on chromosomal and molecular grounds. 9-12 equally spaced pairs of nipples are present in this species.  $2n = 32$ ,  $FN = 52-53$ . Typically associated with agricultural fields and homes, but also in savannas and grasslands, noted population abundance surges after disturbance such as fire.



	Mean	Min	Max
Mass	40.8	15	98
HB	108.1	76	155
Tail	102.1	70	174
HF	22.9	18	26
Ear	17.3	12	22
GLS*	28.3	22.3	34.8



## Mus

Easily identified by their very small to small body size (2-18g, HB 37-97mm for nannomys, 13-30g, HB 72-92mm in mus). They have naked tail. Their dorsal coats are comprised of short sleek fur.

### Mus baoulei – Baolule's mouse

Red markings close to the ear openings. Short tail 50-65% of HB.  $2n = 2-/21$ . Typically found in savanna habitats.

	Mean	Min	Max
Mass	6.8	6	8
HB	65.9	56	70
Tail	42.6	38	45
HF	13.1	12	15
Ear	10.6	10	12
GLS	18.7	18.0	20.3

### Mus mattheyi

$2n = 36$ , associated with savanna habitats.

	Mean	Min	Max
Mass	6.5	6	7
HB	52.9	45	61
Tail	37.6	32	41
HF	12.1	11	14
Ear	8.8	7	10
GLS	17.4	15.3	19.7



### Mus minutoides – African pygmy mouse

Short tail 75% of HB, pure white belly, brownish-buff to brownish orange coat.  $2n = 18-36$ . Typically savanna and grassland habitats. GLS <20mm, upper incisors orthodont or opisthodont.

	Mean	Min	Max
Mass	6.8	3	12
HB	56.5	40	72
Tail	42.7	27	57
HF	13.1	9	16
Ear	9.3	6	12
GLS	18.2	17.0	19.2



### Mus musculoides

Cannot be diagnosed morphologically from minutoides.  $2n$  18-19.



	Mean	Min	Max
Mass	6.8	6	9
HB	63.8	58	75
Tail	49.4	47	53
HF	13.0	12	14
Ear	8.5	7	10
GLS	17.3	16.7	18.1



### Mus musculus

Only member of subgenus mus in SSA. Typically commensal species. No stripes, upper incisors have posterior notch, upper 3<sup>rd</sup> molar has two laminae.

	Mean	Min	Max
Mass	14.5	10	20
HB	77.4	61	109
Tail	78.6	62	88
HF	17.3	15	20
Ear	12.7	12	15
GLS	20.5	18.2	21.8



### *Mus setulosus* – Peters's mouse

White belly, small, GLS <23mm>20mm, upper incisors orthodont or opisthodont, dorsal coat without stripes. Larges of the subgenus *Nannomys*. Dorsal coat is dull blackish-brown, not as bright as in *minutoides* or *musculoides*. Possibly a species complex.

	Mean	Min	Max
Mass	13.7	8	23
HB	72.3	52	84
Tail	53.4	43	63
HF	15.4	13	17
Ear	11.0	8	14
GLS	20.9	19.9	22.4

### *Oenomys*

Medium to large-sized rats, 90-110g, HB 140-160mm. Have a sparsely haired tail, bicoloured tail, relatively long 110% HB. Small, densely furred ears. Coat is soft with long guard hairs and typically greyish brown to bright reddish, prominently darker orange around the nose, rump and anal area. Occur in grassy clearings within or at the edge of rainforests. Terrestrial, both diurnal and nocturnal. Diet is herbivorous.

#### *Oenomys ornatus* – Ghana rufous-nosed rat

Tail 130% of HB, 2n = 46.

### *Proamys*

Small to medium sized mice 25-60g, HB 100-130mm, soft coat which is greyish buffy to almost black to reddish brown dorsally and greyish to white ventrally. Ears are large and rounded. The tail is finely scaled, appears naked and is longer than the HB 110-130%. Fewer nipples than the similarly sized *mastomys*. Mostly associated with forest and woodland, more numerous in disturbed forests. Nocturnal terrestrial rodents.

#### *Proamys daltoni*

7 palatal ridges, shorter hindfoot. Pure white ventral coat which is pure white (hairs with white bases).

	Mean	Min	Max
Mass	41.0	24	66
HB	112.6	98	133
Tail	125.1	107	142
HF	22.1	20	25
Ear	17.6	16	20
GLS	28.6	25.8	32.2



### *Proamys rostratus*

Can be distinguished from *tullbergi* on molecular grounds, but is also slightly larger with significant overlap. 2n = 34, FN = 32.

	Mean	Min	Max
Mass*	50.5	31	73
HB*	129.5	109	147
Tail*	145.1	124	171
HF*	26.4	24	31
Ear*	18.9	17	21
GLS*	34.0	30.0	36.9

### *Proamys tullbergi*

9 palatal ridges.

	Mean	Min	Max
Mass*	37.9	28	54
HB*	119.3	108	131
Tail*	139.5	115	153
HF*	24.1	22	26
Ear*	18.7	17	21
GLS*	31.5	29.1	34.3

### *Rattus*

Large to very large (100-200g, HB 160-210mm). Characteristic coarse blackish-brown to brown coat. Multiple guard hairs and ventral coat which is usually grey or white. Long and thin tail 115-120% of HB. HF >30mm. Large and translucent ears. 5-6 pairs of nipples. Nocturnal and terrestrial, predominantly commensal.

#### *Rattus rattus*

GLS <45mm, tail >100% of HB, ears longer ~22mm



	Mean	Min	Max
Mass	115.2	56	257
HB	168.3	100	342
Tail	178.9	95	250
HF	33.8	23	42
Ear	21.2	16	31
GLS	39.9	34.9	44.7



## Crocidura

### *Crocidura buettikoferi* – Buettikofer's shrew

Medium sized, dark coloured shrew. Dorsal coat dark chocolate brown. Ventral coat paler, greyish brown. Dark limbs. Tail 70% of HB, dark, sparsely covered with hairs and bristles. Typically found in grassland habitats, forest relicts in derived savanna, secondary growth, cocoa plantations and cleared land. Feeds on insects.

HB	72-100mm	Weight	
Tail	51-62mm	CI	21.4-22.7mm
HF	12-15mm	GLS	
Ear	7-9.5mm	GWS	9.2-9.9mm

### *Crocidura crossei* – Crosse's shrew

2n = 44, FN = 66. Small shrew. Dorsal coat slaty-grey or greyish brown to chocolate brown. Ventral coat greyish and paler. Chin white. Limbs usually dark. Tail relatively long >84% of HB, quite stout, grey-brown above and pale below. Slender rostrum. Rainforest individuals are generally darker than those in forest-savanna habitats. Forest habitats, including lowland rainforest, relic forests in savanna.

HB	54-80mm	Weight	6.3-8g
Tail	48-57mm	CI	18.5-19.9mm
HF	10-12mm	GLS	
Ear	6-8mm	GWS	7.8-8.5

### *Crocidura denti* – Dent's shrew

Perhaps includes multiple species. Small dark brown shrew with hairy tail. Dorsal coat dark brown, ventral coat slate grey. Tail relatively long, 65-70% of HB, brown above, pale below, hair on 66-75%.

HB	63mm	Weight	10.5g (8-12)
Tail	46mm	CI	20.6mm
HF	13mm	GLS	
Ear	8mm	GWS	9.3mm

### *Crocidura fuscomurina* – Bicolored musk shrew

Very small, predominantly grey-brown shrew grizzled with grey. Dorsal coat grey-brown, hairs slaty-grey at base with a fawn subterminal band and brown or buffy-brown tip. Ventral coat grey, with sometimes yellow tinge. Dorsal and ventral colours clearly delineated. Fore and hindfeet pale brown to off-white. Tail ~65% of HB, pale to dark brown above, paler below. Found in woodland savannas and semi-arid regions.

HB	57.9 (48-75) mm	Weight	3.7g (2-5)
Tail	38.5 (27.5-48)mm	CI	16.2mm (15.1-17.4)
HF	9.8 (8-11)mm	GLS	
Ear	7.6 (6.5-9)mm	GWS	7.2mm (6.7-7.7)



### *Crocidura lamottei* – Lamotte's shrew

Medium sized shrew with relatively pale coloured coat. Dorsal coat pale brown to grey-brown, without flecking. Ventral coat grey or silvery grey washed with yellow tint, hairs medium grey at base, creamy-grey at tip. Ears conspicuous and naked, not concealed by coat. Hindfoot relatively short. Fore and hindlimbs flesh coloured, covered with short pale brown hairs. Medium length tail (53% of HB), thick, broad at base narrowing towards tip, flesh coloured with reddish blotches. Found primarily in dry forest, grasslands in savanna, rocky hillside and grassy clearings.

HB	85-90 mm	Weight	18-23g
Tail	35.5-55 mm	CI	24.7-26mm
HF	14-16 mm	GLS	
Ear	11-12 mm	GWS	10.1-10.6mm

### *Crocidura muricauda* – West African long-tailed shrew

Small shrew, large ears and a long tail. Soft coat. Dorsal coat greyish brown, hairs grey at base, brown at tip. Ventral coat white-grey, hairs grey at base, white at tip. Ears large in relation to head, more or less naked. Fore and hindfeet flesh-coloured, minimally covered with short white hairs. Tail pale brown, extremely long (120-150% of HB), not bicoloured, tail hairs tend to be short and less visible. Skull long and narrow. Found in rainforest and secondary forest.

HB	61 (56-66) mm	Weight	4.4 (3-8) g
Tail	77 (62-95) mm	CI	18.2 (17.8-18.8) mm
HF	12.2 (11.8-13) mm	GLS	
Ear	9 (8.5-10) mm	GWS	8.4 mm

### *Crocidura nimbae* – Nimba shrew

Medium-sized dark shrew with relatively short tail. Coat short and dense with silky sheen, hairs 3mm. Dorsal coat, dark brownish-grey to grey with sparse flecking, hairs dark grey at base becoming browner towards the tip. Ventral coat slightly paler and greyer and greyer than dorsal coat. Ears conspicuous, not concealed by coat. Flank gland visible as small oval patch of bare skin. Fore and hindfeet flesh coloured with short brown hairs on the upper surface, whitish hairs on the toes. Tail relatively short 40% of HB, bicoloured, dark brownish grey above, paler ventrally. Habitat, submontane and lowland rainforest.

HB	81.7 (75-90) mm	Weight	12.5 (8-19) g
Tail	53 (50-70) mm	CI	26 (25.5-26.5) mm
HF	16.5 (16-17) mm	GLS	
Ear		GWS	10 mm

### *Crocidura obscurior* – West African pygmy shrew

Minute to very small dark brown shrew. Soft coat, dense and velvety. Dorsal coat dark brown with slight russet tinge and silky sheen, hairs almost unicoloured, some with a dark brown tip. Ventral coat greyish brown. Head similar to dorsal coat. Ears darkly pigmented and not covered by coat. Chin and throat similar to ventral coat. Tail 60-70% of HB, dark brown above and paler below, long white hairs on tail.

HB	45-50 mm	Weight	2.5-4 g
Tail	30-35 mm	CI	15.6-15.9 mm
HF	10 mm	GLS	
Ear	6-8 mm	GWS	7.1-7.3 mm

### *Crocidura oliveri* – African giant shrew

Very large shrew, variable in colour. Dorsal coat, reddish brown to dark brown or black.

Ventral coat buffy brown to dark grey. Tail relatively long (70-80% of HB). Thick with many short bristles. 6 nipples. Nocturnal, with peaks of activity around dawn.

HB	110-140 mm	Weight	36-65 g
Tail	85-100 mm	CI	32-34.3 mm
HF	21-23 mm	GLS	
Ear	12-14 mm	GWS	13.2-14.4 mm



### *Crocidura poensis* – Fraser's musk shrew

Medium sized musk shrew. Dorsal coat dark brown to black. Ventral coat paler, greyish brown. Ear prominent. Limbs dark. Tail relatively long (75% of HB), thin and dark, covered with short bristles.

HB	75-98 mm	Weight	9-17 g
Tail	48-64 mm	CI	23.7-24.5 mm
HF	15-18 mm	GLS	
Ear	9-11 mm	GWS	10.1-10.5 mm

### *Crocidura theresae* – Therese's shrew

Medium to large shrew. Dorsal coat grey to brown. Ventral coat paler. Fore and hindfeet brown. Tail medium to long (39-62% of HB), thickset with sparse brown hairs.

HB	91.3 (78-101) mm	Weight	13.3 (7-18.4) g
Tail	47.5 (34-55) mm	CI	22.8 (21.3-24.4) mm
HF	14.8 (13-16) mm	GLS	
Ear		GWS	9.6 (8.8-10.2) mm

## *Suncus*

### *Suncus megalura* – Climbing dwarf shrew

Small shrew, with an extremely long, thin tail and long hindfeet. Coat soft and moderately dense. Dorsal coat greyish with brown tinge, hairs grey on basal two third, brown on terminal third. Ventral coat off-white to pale. Head slender with long, narrow, pointed muzzle, small eyes and rounded ears. Fore and hindfeet brown, slender and relatively long (25% of HB).

Tail extremely long (118% of HB). 6 nipples.

HB	60.8 (50-65) mm	Weight	5.5 (3-8) g
Tail	88.8 (82-97) mm	CI	18 (16.8-18.6) mm
HF	15.5 (14-17) mm	GLS	
Ear	8.3 (6-10) mm	GWS	8.2 (7.8-8.5) mm



Reference:

Information for rodent species obtained from: Monadjem, Ara, Peter Taylor, and Christiane Denys. *Rodents of Sub-Saharan Africa: A Biogeographic and Taxonomic Synthesis*. Walter de Gruyter, 2015.

Information for shrew species obtained from: Kingdon, Jonathan, and David Happold. 'Mammals of Africa' 4 (2013).