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Zoological Results of the Swedish Expedition to Central Africa 1921.

Vertebrata.

5.

Mammals from the Birunga Volcanoes, north of Lake Kivu.

By

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With 4 plates.

Communicated April 25th 1928 by CHR. AURIVILLIUS and E. LÖNNBERG.

The following paper contains an account of the Mammals collected by the Swedish Zoological Expedition among the different mountains of the Birunga Range. At least as far as I know, no comprehensive work has ever been published about the Mammalian Fauna of this most interesting region in the heart of Central Africa, and the following notes may therefore give some idea about the Mammals of the Range. In all we spent a little more than two months among these beautiful mountains and during the whole time we collected assiduously.

Although we made our camps at several places and at different altitudes it is, however, most certain that a few more species than those obtained or observed by us still remain to be discovered. But on the whole I believe, that our collection of Mammals is fairly complete and representative of the Range. A noteworthy fact was, however, the almost total absence of *Chiroptera*. A single specimen of a small Bat was seen circling in the air near our highest camp on the saddle between Mikeno and Karissimbi, but unfortunately we did not succeed

Tryckt den 6 juli 1928.

51. *Syncerus caffer* cf. *mathewsi* LYDEKKER.

Bos caffer mathewsi LYDEKKER, Proc. Zool. Soc. London, 1904, vol. II, p. 165. — Volcanic Region North of Lake Kivu.

Buffaloes, presumably belonging to the above-mentioned form which was described from the Birunga (= Mfumbira) Region, were quite common on and at the foot of the different peaks of the Range. Their tracks — fresh as well as old ones — were seen almost daily. They frequented the alpine meadows at an altitude of about 4000 meters as well as the dense forests lower down the slopes. On account of the tangle of vegetation the hunting of Buffaloes on the Birunga Volcanoes is both dangerous and difficult, and the animals generally escape long before they are being seen by the European hunter. Personally I only once had the opportunity of coming across a single bull of which I only caught a glimpse before it rushed away and was lost among the dense bamboos. This specimen appeared to be of a blackish colouration, and the horns were comparatively small but strongly resembled the picture of the type skull of *S. c. mathewsi*.

H. R. H. Prince William of Sweden came across a herd of Buffaloes when our Expedition had struck its camp on the saddle between Sabinio and Mgahinga. These Buffaloes were also of a blackish colouration and had only small horns. Unfortunately His Royal Highness was unaware of the fact that a small-horned race of Buffaloes had been described from the Birunga Range and did not shoot.

In the Kinyaruanda language Buffaloes are called »Imbogo».

Appendix.

A nominal list of the Mammals collected by the Expedition in Eastern Belgian Congo and in Western Uganda.

1. *Anthropopithecus schweinfurthii* GIGLIOLI. 1 specimen from Kartoushi, Eastern Belgian Congo.
2. *Colobus abyssinicus ituricus* MATSCHIE. 8 specimens from Kartoushi, Molemba & Simbo, Eastern Belgian Congo.
3. *Colobus angolensis cottoni* LYDEKKER. 8 specimens from Kartoushi, Simbo & Campi ya Wambutti, Eastern Belgian Congo.
4. *Colobus ellioti* DOLLMAN. 25 specimens from Kartoushi, Moëra, Kalindula & Simbo, Eastern Belgian Congo.
5. *Colobus brunneus* LÖNNBERG. 1 specimen (native skin) from Simbo, Eastern Belgian Congo.

6. *Cercocebus albigena ituricus* MATSCHIE. 8 specimens from Kartoushi, Moëra, Beni, Lesse & Simbo, Eastern Belgian Congo.
7. *Cercocebus oberländeri* LORENZ. 1 specimen from Moëra, Eastern Belgian Congo.
8. *Cercopithecus leucampyx stuhlmanni* MATSCHIE. 13 specimens from Kartoushi & Simbo, Eastern Belgian Congo.
9. *Cercopithecus leucampyx doggetti* POCKOCK. 1 specimen from Behungi, British Ruanda.
10. *Cercopithecus mona denti* THOMAS. 5 specimens from Kartoushi, Lesse & Campi ya Wambutti, Eastern Belgian Congo.
11. *Cercopithecus nictitans enkamer* MATSCHIE. 12 specimens from Kartoushi, Beni, Malisawo, Abele, Moëra & Simbo, Eastern Belgian Congo.
12. *Cercopithecus aethiops centralis* NEUMANN. 1 specimen from the Ruindi Plains, Eastern Belgian Congo.
13. *Perodicticus potto faustus* THOMAS. 1 specimen (native skin) from Simbo, Eastern Belgian Congo.
14. *Hemigalago demidoffi medius* THOMAS. 7 specimens from Beni, Lesse & Simbo, Eastern Belgian Congo.
15. *Hypsignathus monstrosus* ALLEN. 1 specimen from Beni, Eastern Belgian Congo.
16. *Epomops franqueti franqueti* TOMES. 1 specimen from Beni, Eastern Belgian Congo.
17. *Epomophorus anurus* HEUGLIN. 1 specimen from Irumu, Eastern Belgian Congo.
18. *Taphozous mauritanus* GEOFFROY. 2 specimens from Irumu, Eastern Belgian Congo.
19. *Saccolaimus peli* TEMMINCK. 4 specimens from Kartoushi, Moëra & Campi ya Wambutti, Eastern Belgian Congo.
20. *Lavia frons frons* GEOFFROY. 6 specimens from Kasindi, Eastern Belgian Congo.
21. *Lavia frons affinis* ANDERSEN & WROUGHTON. 1 specimen from Kasenyi, North-eastern Belgian Congo.
22. *Nycteris arge* THOMAS. 1 specimen from Simbo, Eastern Belgian Congo.
23. *Nycteris pallida* J. A. ALLEN. 1 specimen from Irumu, Eastern Belgian Congo.
24. *Nycteris proxima* LÖNNBERG & GYLDENSTOLPE. 1 specimen from Kartoushi, Eastern Belgian Congo.
25. *Hipposideros caffer caffer* SUNDEVALL. 4 specimens from Irumu, Eastern Belgian Congo.
26. *Hipposideros caffer centralis* ANDERSEN. 1 specimen from Kartoushi, Eastern Belgian Congo.
27. *Scotozous rüppellii* FISCHER. 7 specimens from Moëra, Eastern Belgian Congo.

- Kartoushi, Lesse, Kunabo & Malisawo, Eastern Belgian Congo. Mammae: 1 + 1 = 4.
70. *Malacomys centralis centralis* DE WINTON. 2 specimens from Kartoushi, Eastern Belgian Congo. Mammae: 1 + 2 = 6.
71. *Lophuromys aquilus laticeps* THOMAS & WROUGHTON. 8 specimens from Bufundi, Muku, Chuya & Chahafi, British Ruanda. 28 specimens from Simbo, Irumu, Masongo, Walese, Kartoushi & Campi ya Wambutti, Eastern Belgian Congo.
72. *Lophuromys ansorgei* DE WINTON. 30 specimens from Kasindi, Tabaro, Kabare, Beni and Irumu, Eastern Belgian Congo.
73. *Dasymys helukus helukus* HELLER. 2 specimens from Bufundi, British Ruanda.
74. *Dasymys bentleyae* THOMAS. 6 specimens from Irumu, Eastern Belgian Congo.
75. *Arvicanthus abyssinicus rubescens* WROUGHTON. 13 specimens from Sanga & Kyazanga, S. W. Ankole. 2 specimens from Lubale & Chahafi, British Ruanda. 11 specimens from Kabare, Butalia, Kasindi & Masidongo, Eastern Belgian Congo.
76. *Arvicanthus abyssinicus centrosus* HOLLISTER. 21 specimens from Irumu & Musango, Eastern Belgian Congo.
77. *Lemniscomys striatus massaicus* PAGENSTECHER. 23 specimens from Campi ya Wambutti, Kartoushi, Tabaro, Irumu, Lesse & Kunabo, Eastern Belgian Congo.
78. *Lemniscomys macculus macculus* THOMAS. 2 specimens from Kyazanga, S. W. Ankole.
79. *Lemniscomys macculus akka* THOMAS. 2 specimens from Kasindi, Eastern Belgian Congo.
80. *Pelomys fallax concolor* HELLER. 1 specimen from Kabare, Eastern Belgian Congo.
81. *Mylomys alberti* THOMAS. 1 specimen from Irumu, Eastern Belgian Congo.
82. *Tachyoryctes ruandae* LÖNNBERG & GYLDENSTOLPE. 13 specimens from Kabale, Chahafi & Muku, British Ruanda.
83. *Lepus* sp. 1 immature specimen from Lyantonde, S. W. Ankole.
84. *Loxodonta africana cottoni* LYDEKKER. 5 Elephants were shot at Beni & Tabaro, Eastern Belgian Congo.
85. *Rhinoceros simus cottoni* LYDEKKER. A few White Rhinos were observed at the neighbourhood of »Rhino Camp», but not obtained.
86. *Equus quagga* subsp. 2 Zebras were shot in South-western Ankole by H. R. H. Prince William of Sweden but not preserved.
87. *Koiiopotamus* sp. Numerous tracks of Forest Pigs were observed in the forest regions of Eastern Belgian Congo, but not collected by the European members of the Expedition.

88. *Phacochoerus africanus centralis* LÖNNBERG. 5 specimens from the Ruindi Plains, Eastern Belgian Congo.
89. *Hylochoerus meinertzhageni ituriensis* MATSCHIE. 1 specimen from Moëra, Eastern Belgian Congo.
90. *Hippopotamus amphibius* LINNÉ. 1 specimen from the neighbourhood of Nimule, Upper White Nile. A few more were shot for food in Lake Albert and in the Rutshuru River, Eastern Belgian Congo.
91. *Giraffa camelopardalis camelopardalis* LINNÉ. 1 specimen was observed about 60 km. South of Lake No on the eastern banks of the Nile.
92. *Okapia johnstoni* SCLATER. 1 specimen had been killed by the Wambuttis a few days previous to our arrival at Moëra and of this specimen we purchased some pieces of skin. Tracks of Okapis were seen at a few occasions in the forest regions of Eastern Belgian Congo.
93. *Alcelaphus leuel roosevelti* HELLER. 2 specimens from Gadein Morbe, North-western Uganda.
94. *Damaliscus korrigum ugandae* BLAINE. 1 specimen from Kyazanga, S. W. Ankole. 7 specimens from the Ruindi Plains, Eastern Belgian Congo.
95. *Cephalophus silvicultrix* AFZELIUS. 1 specimen (native skin) obtained by a Belgian in the Sembiliki Valley, but not purchased by us.
96. *Cephalophus nigrifrons kivuensis* LÖNNBERG. 10 specimens from Kabale & Muku, British Ruanda.
97. *Cephalophus leopoldi* ROTHSCHILD & NEUVILLE. 1 specimen from Moëra, Eastern Belgian Congo.
98. *Cephalophus melanorhaeus bakeri* ROTHSCHILD & NEUVILLE. 2 specimens from Simbo, Eastern Belgian Congo.
99. *Sylvicapra grimmia lutea* DOLLMAN. 1 specimen from Kabare, Eastern Belgian Congo.
100. *Ourebia masakensis* LÖNNBERG & GYLDENSTOLPE. 3 specimens from Kyazanga, S. W. Ankole.
101. *Kobus defassa ugandae* NEUMANN. 1 specimen from Kyazanga, S. W. Ankole.
102. *Kobus defassa dianae* MATSCHIE. 8 specimens from the Ruindi Plains, Eastern Belgian Congo.
103. *Adenota kob neumanni* ROTHSCHILD. 12 specimens from the Ruindi Plains & Makora, Eastern Belgian Congo.
104. *Adenota kob alurae* HELLER. 1 specimen from Nimule, N. W. Uganda.
105. *Bedunca redunca wardi* THOMAS. 1 specimen from Kyazanga, S. W. Ankole. 15 specimens from the Ruindi Plains, Eastern Belgian Congo.