

SUDAN GOVERNMENT

CATALOGUE OF WILD

MAMMALS OF THE SUDAN

occurring in the natural orders

ARTIODACTYLA AND PERISSODACTYLA

by

P.Z. MACKENZIE M.B.E., M.R.C.V.S.
Keeper, Natural History Collection
Sudan Museum

and

Sudan Veterinary Service

SUDAN MUSEUM (NATURAL HISTORY)

PUBLICATION No. 4

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Introduction

It is hoped that this short work, which is intended to serve the zoologist, the naturalist and the big game hunter, will be of some value in identifying the Sudan's larger mammals.

The distribution maps and the short note on the relative abundance or otherwise of each species with the aid of descriptive works on African fauna and access to collections of game animal heads, will, it is hoped, help to identify any species seen or collected in the Sudan.

The nomenclature of the African fauna has always been a vexed question, for, in the past so many authorities from different countries have collected, identified and named the same species independently and often differently. In this catalogue the latin nomenclature - with three exceptions - is taken entirely from "A Check List of African Mammals" by Glover M. Allen, which appears as Volume LXXXIII, Bulletin of the Museum of Comparative Zoology, Harvard College, U.S.A. 1939. This admirable book may well be considered the standard work on the mammalian fauna of the continent of Africa. The English names are those most commonly used by English-speaking people in Africa.

The distribution of ungulate mammals, which are all herbivorous, is largely influenced by vegetation, which in turn is produced by varying climates and soils. For this reason, maps of the Sudan's rainfall, soil types and vegetation, together with a complementary map showing the natural faunal districts of the Sudan (originally propounded by J.P. Chaplin in "The American Naturalists" Volume LVIII Number 649) are printed as an appendix.

I wish to acknowledge with sincere thanks all the help that has been given me by Lt.Col. Peter Molloy, M.C., of the Game Department of the Sudan Government, in the preparation of this catalogue. His knowledge of the distribution of the different species of the Sudan's big game has been of the greatest assistance in the preparation of the maps and in standardizing the nomenclature.

Khartoum
1954

P.Z.M.

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4. Bahr El Ghazal Wart Hog	Phacochoerus aethiopicus barkeri
5. Uganda Wart Hog	Phacochoerus aethiopicus bufo
6. Red River Hog (Bush Pig)	Potamochoerus porcus porcus
7. Nubian Giraffe	Giraffa camelopardalis camelopardalis
8. Kordofan Giraffe	Giraffa camelopardalis antiquorum
9. Taposi Giraffe	Giraffa camelopardalis cottoni
10. Mongalla Giraffe	Giraffa camelopardalis rothschildi
11. Lelwel Hartebeest	Alcelaphus buselaphus lelwel
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17. Red Flanked Duiker	Cephalophus rufilatus rubidior
18. Yellow Backed Duiker	Cephalophus silvicultor silvicultor
19. Blue Duiker	Cephalophus caerulus aequatorialis
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21. Abyssinian Klipspringer	Oreotragus oreotragus saltatrixoides
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23. Beira Antelope	Dorcatragus megalotis
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26. Lado Kob	Adenota kob alurae
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55. Greater Kudu	<i>Strepsiceros imberbis chora</i>
56. Lesser Eland	<i>Taurotragus oryx pattersonianus</i>
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59. Abyssinian Bushbuck	<i>Tragelaphus scriptus decula</i>
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61. Barbary Sheep	<i>Ammotragus lervia blainei</i>
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63. Buffalo	<i>Syncerus caffer aequinoctialis</i>
64. Dwarf Forest Buffalo	<i>Syncerus nanus</i>
65. White Rhinoceros	<i>Ceratotherium simum cottoni</i>
66. Black Rhinoceros	<i>Diceros bicornis bicornis</i>
67. East African Zebra	<i>Equus burchellii bohmi</i>
68. Wild Ass	<i>Equus asinus dianae</i>

Order ARTIODACTYLA Even-toed Ungulates
 Section SUINA Pigs and Hippopotami
 Family HIPPOPOTAMIDAE Hippopotami
 Genus HIPPOPOTAMUS Linnaeus

1. NORTHERN HIPPOPOTAMUS

Hippopotamus amphibus amphibus Linnaeus.
 Common in all tributaries of the River Nile.

Family SUIDAE Pigs
 Subfamily SUINAE
 Genus HYLOCHOERUS Thomas

2. GIANT FOREST HOG

Hylochoerus meinertzhageni meinertzhageni Thomas.
 Scarce in thick forest in savana IV.

Genus PHACOCHOERUS F. Cuvier

3. COMMON WART HOG

Phacochoerus aethiopicus aeliani (Cretzschmar)
 Generally distributed in Red Sea Hills, central and southern Sudan.

4. BAHR EL GHAZAL WART HOG

Phacochoerus aethiopicus barkeri Rothschild.
 Common in forests of south western Bahr el Ghazal Province.

5. UGANDA WART HOG

Phacochoerus aethiopicus bufo Heller.
 Fairly common in forests of southern Equatoria Province.

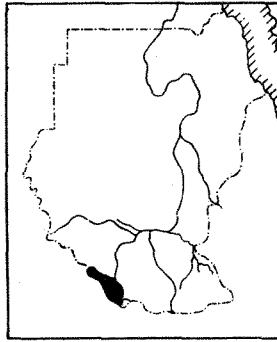
Genus POTAMOCHOERUS Gray

6. RED RIVER HOG (BUSH PIG)

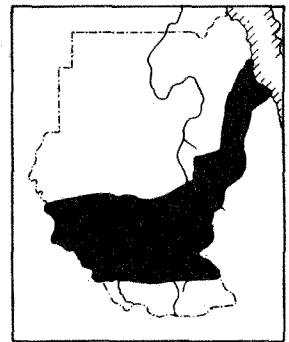
Potamochoerus porcus porcus (Linnaeus).
 Fairly common in riverain forests southern Sudan.



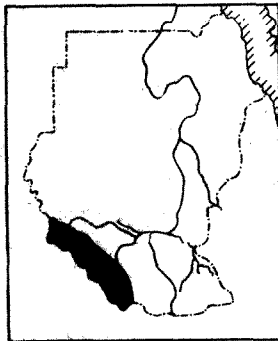
1. NORTHERN HIPPOPOTAMUS



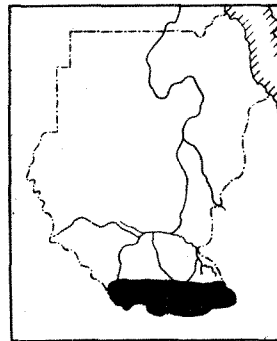
2. GIANT FOREST HOG



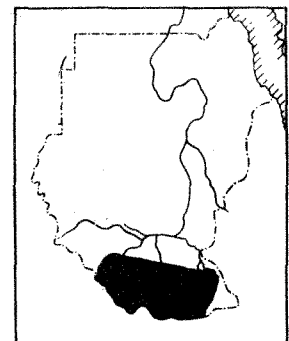
3. COMMON WART HOG



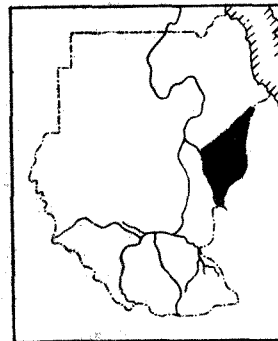
4. BAHREL-GHAZAL WART HOG



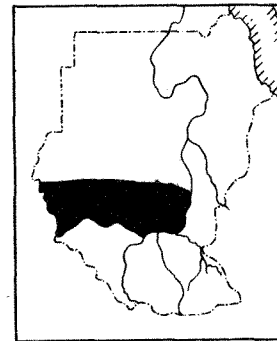
5. UGANDA WART HOG



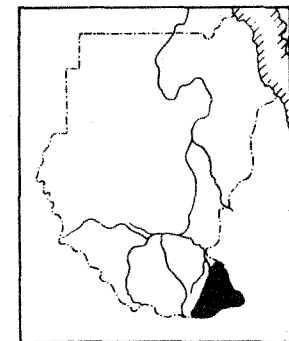
6. RED RIVER HOG



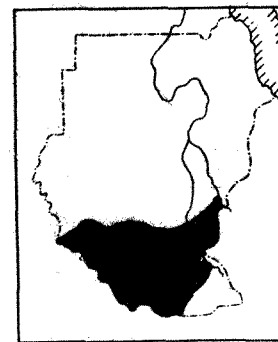
7. NUBIAN GIRAFFE



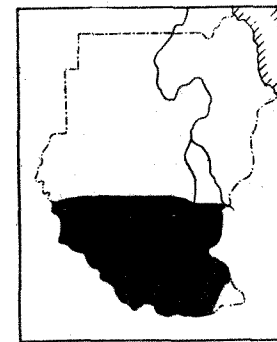
8. KORDOFAN GIRAFFE



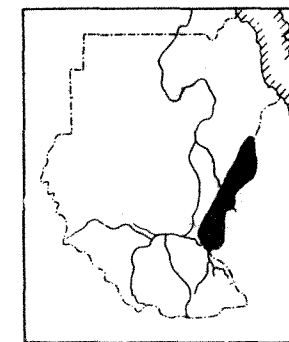
9. TAPOSA GIRAFFE



10. MONGALLA GIRAFFE



11. LELWEL HARTEBEEST



12. TORA HARTEBEEST

Section PECORA

Family GIRAFFIDAE Giraffes

Genus GIRAFFE Brisson

7. NUBIAN GIRAFFE*Giraffa camelopardalis camelopardalis* (Linnaeus).

Fairly common arid acacia forest and savana II eastern Sudan.

8. KORDOFAN GIRAFFE*Giraffa camelopardalis antiquorum* (Jardine).

Scarce acacia forest and savana I western Sudan.

9. TAPOSA GIRAFFE*Giraffa camelopardalis cottoni* Lydekker.

Common foothills and plains east of Kapoeta eastern Equatoria.

10. MONGALLA GIRAFFE*Giraffa camelopardalis rothschildi* Lydekker.

Fairly common in thin forests of southern Sudan.

Family BOVIDAE Cattle, Antelope, GoatsSubfamily ALCELAPHINAEGenus ALCELAPHUS Blainville11. LELWEL HARTEBEEEST*Alcelaphus buselaphus lelwel* (Heuglin).

Very common all savanas except extreme east of Equatoria Province.

12. TORA HARTEBEEEST*Alcelaphus buselaphus tora* (Gray).

Common arid acacia forest and savana II eastern Sudan.

13. NEUMANN'S HARTEBEEEST*Alcelaphus buselaphus lelwel* X *tora* hybrid.

Occasionally found savana II and III border south eastern Sudan.

Genus DAMALISCUS P.L. Sclater and Thomas14. WEST AFRICAN KORRIGUM (DARFUR TIANG)*Damaliscus korrigum korrigum* (Ogilby).

Scarce in arid scrub and acacia north west Darfur Province.

15. TIANG

Damaliscus korrigum tiang (Heuglin).

Very common savana I, II and III and swamp central and southern Sudan.

Subfamily CEPHALOPHINAE

Genus CEPHALOPHUS

Subgenus CEPHALOPHUS Hamilton Smith

16. RED FOREST DUIKER (WEYNS'S DUIKER)

Cephalophus harveyi weynsi Thomas.

Fairly common in forest of Imatong Mountains eastern Equatoria Province.

17. RED FLANKED DUIKER

Cephalophus rufilatus rubidior Thomas and Wroughton.

Common in forests of savana IV south western Equatoria Province.

18. YELLOW BACKED DUIKER

Cephalophus silvicultor silvicultor (Afzelius).

Very rare, possibly extinct, south west fringe of savana IV.

Subgenus GUEVEI Gray

19. BLUE DUIKER

Cephalophus caerulus aequatorialis Matschie.

Fairly common in thick forest southern border of Equatoria Province east and west of River Nile.

Genus SYLVICAPRA Ogilby

20. ABYSSINIAN DUIKER

Sylvicapra grimmia abyssinica (Thomas).

Common throughout central and southern Sudan except swamplands.

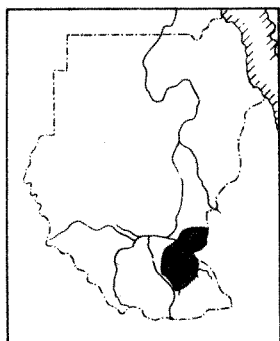
Subfamily OREOTRAGINAE

Genus OREOTRAGUS A. Smith

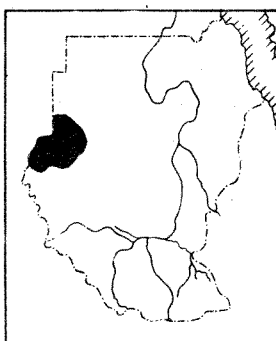
21. ABYSSINIAN KLIPSPRINGER

Oreotragus oreotragus saltatrixoides (Temminck).

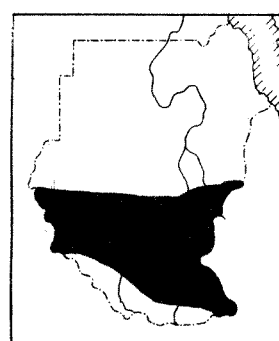
Not common, occurs in Red Sea Hills and eastern Equatorial mountains.



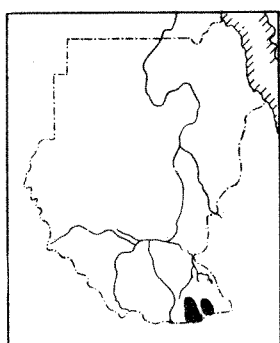
13. NEUMANN'S HARTEBEEST



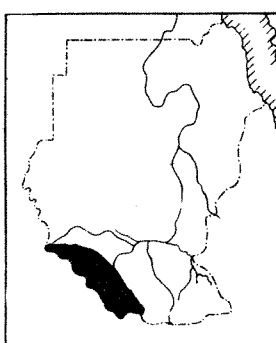
14. WEST AFRICAN KORRIGUM



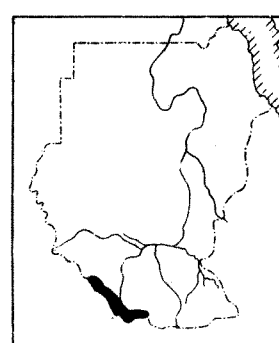
15. TIANG



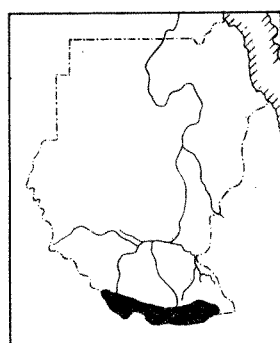
16. RED FOREST DUIKER



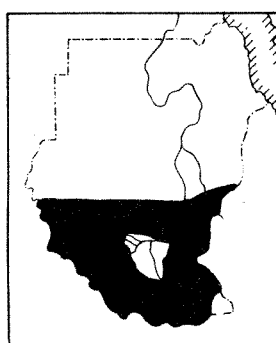
17. RED FLANKED DUIKER



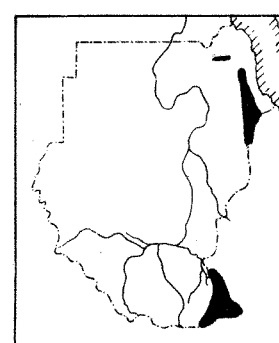
18. YELLOW BACKED DUIKER



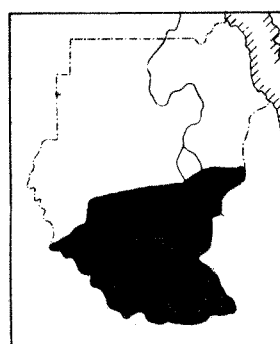
19. BLUE DUIKER



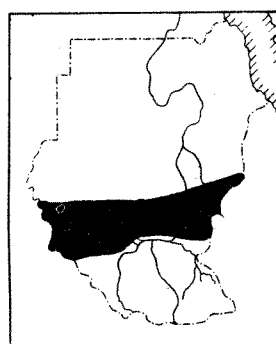
20. ABYSSINIAN DUIKER



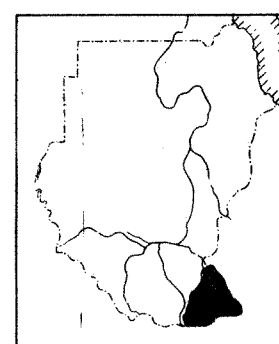
21. ABYSSINIAN KLIPSPRINGER



22. ORIBI



24. SALT'S DIK-DIK



25. LONG NOSED DIK-DIK

Subfamily NEOTRAGINAE
Genus OUREBIA Laurillard

22. ORIBI

Ourebia ourebi montana (Cretzschmar).
Probably identical with O.o. aequatoria Heller.
Common throughout central and southern Sudan except Darfur Province.

Subfamily MADOQUINAE
Genus DORCATRAGUS Noack

23. BEIRA ANTELOPE

Dorcatragus megalotis (Menges).
Present distribution unknown. Has been recorded in Sudan probably from Abyssinian foothills.

Genus MADOQUA Ogilby

24. SALT'S DIK-DIK

Madoqua saltiana (Desmarest).
Common in southern arid and northern savana across whole Sudan.

Genus RHYNCHOTRAGUS Neumann

25. LONG NOSED DIK-DIK

Rhynchotragus guentheri smithii (Thomas).
Fairly common savana III eastern Equatoria Province.

Subfamily REDUNCINAE
Genus ADENOTA Gray

26. LADO KOB

Adenota kob alurae Heller.
(Possibly same as A.k. thomasi (P.L. Sclater)).
Fairly common Uganda frontier west of River Nile Equatoria Province.

27. WHITE EARED KOB

Adenota kob leucotis (Lichtenstein and Peters).

(Probably same as *A.k. notata* W. Rothschild).

Very common south eastern Sudan and part of Bahr El Ghazal Province.

28. VAUGHN'S KOB

Adenota kob vaughni -

Very common south western Sudan except in forests away from rivers.

Genus KOBUS A. Smith

29. WATERBUCK

Kobus defassa harnieri (Murie).

Very common near water whole of savana country southern Sudan.

Genus ONOTRAGUS Gray

30. MRS GRAY'S NILE LECHWE

Onotragus megaceros (Fitzinger).

Fairly common locally in central swamplands of River Nile and Machar Marshes in Upper Nile Province.

Genus REDUNCA Hamilton Smith

31. ABYSSINIAN BOHOR REEDBUCK

Redunca redunca bohor Ruppell.

Fairly common Blue Nile river and tributaries eastern Sudan.

32. SUDAN REEDBUCK

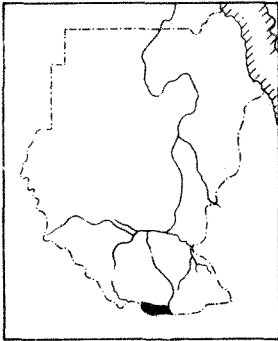
Redunca redunca cottoni (W. Rothschild).

Common, whole of southern Sudan.

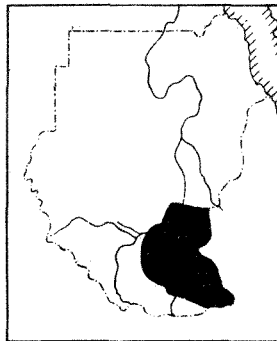
33. WIDE HORNED SUDAN REEDBUCK

Redunca redunca - -

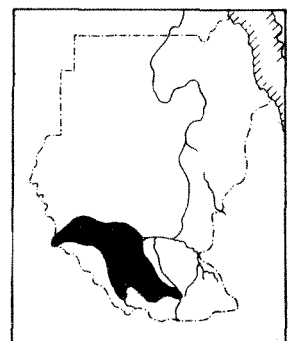
P. Molloy reports 1954, "there is a race between Mongalla and Bor in Equatoria Province on east bank of Bahr El Jebel with very wide spreading horns quite different from other Sudan Reedbuck".



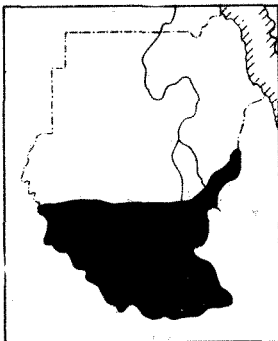
26. LADO KOB



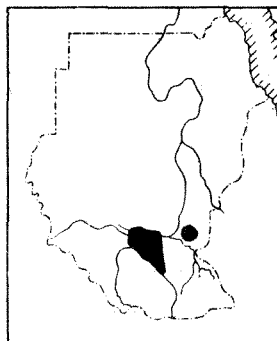
27. WHITE EARED KOB



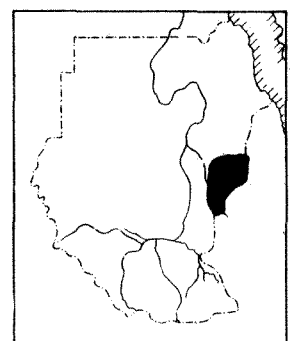
28. VAUGHN'S KOB



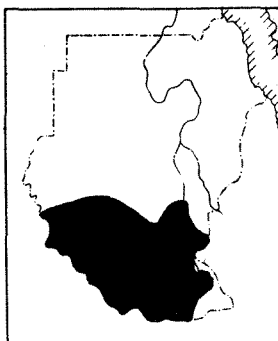
29. WATERBUCK



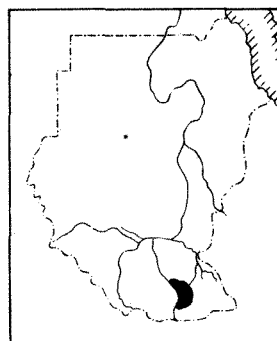
30. MRS GRAY'S NILE LECHWE



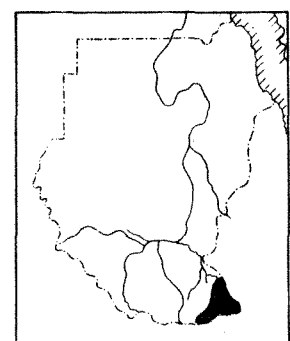
31. ABYSSINIAN BONOR REEDBUCK



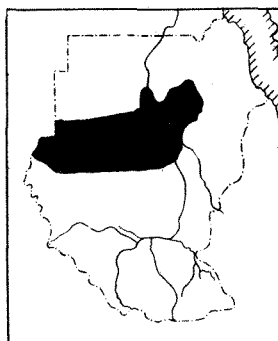
32. SUDAN REEDBUCK



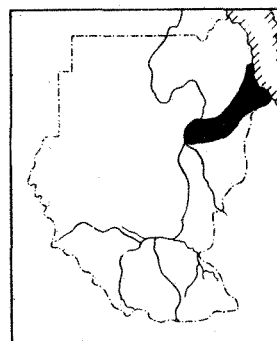
33. WIDE HORNED SUDAN REEDBUCK



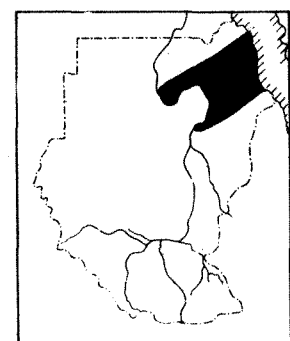
34. CHANLER'S REEDBUCK



35. DORCAS GAZELLE



36. ISABELLINE GAZELLE



37. ERITREAN GAZELLE

34. CHANLER'S REEDBUCK

Redunca fulvorufula chanleri (W. Rothschild).
Fairly common, hills of eastern Equatoria Province.

Subfamily ANTILOPINAE
Genus GAZELLA Blainville
Subgenus GAZELLA Blainville

35. DORCAS GAZELLE

Gazella dorcas dorcas (Linnaeus).
Common in arid country west of River Nile.

36. ISABELLINE GAZELLE

Gazella dorcas isabella Gray.
Fairly common acacia grass country east of River Nile.

37. ERITREAN GAZELLE

Gazella dorcas littoralis Blaine.
Fairly common arid scrub east of River Nile.

38. RED-FRONTED GAZELLE

Gazella rufifrons laevipes (Sundevall).
Very common arid acacia-grass, acacia-forest and northern savana I both sides of River Nile.

39. MONGALLA GAZELLE

Gazella thomsonii albonatatus W. Rothschild.
Very common savana III and swamplands east of River Nile.

Subgenus NANGER Lataste

40. ADDRA GAZELLE

Gazella dama ruficolis (Hamilton Smith)
Fairly common arid country west of River Nile

41. BRIGHT'S GAZELLE

Gazella granti brighti Thomas.
Common savana III eastern Equatoria Province.

42. SOEMMERRING'S GAZELLE

Gazella soemmerringii sibyllae Matschie.
Common in arid acacia-grass and acacia-forest east of River Nile.

43. HEUGLIN'S GAZELLE

Gazella tilonura (Heuglin).

(Possibly *G.t. albonatatus* X *G.G.brighti* hybrid).

Scarce savana III east of River Nile.

44. MHORR GAZELLE

Gazella dama mhorr (Bennett).

(Possibly *G.d. ruficolis* X *G.s. sibyllae* hybrid).

One specimen only recorded from Khartoum Province.

Subfamily ORYGINAE

Genus ADDAX Rafinesque

45. ADDAX

Addax nasomaculatus nasomaculatus (Blainville).

Scarce arid scrub and desert west of River Nile.

46. EASTERN ADDAX

Addax nasomaculatus addax (Cretzschmar).

Very scarce arid scrub and desert east of River Nile.

Genus AEGORYX Pocock

47. WHITE ORYX

Aegoryx algazel algazel (Oken).

Scarce arid scrub and desert northern Sudan.

48. EASTERN WHITE ORYX

Aegoryx algazel dammah (Cretzschmar).

(Probably the same as *A.a. algazel*).

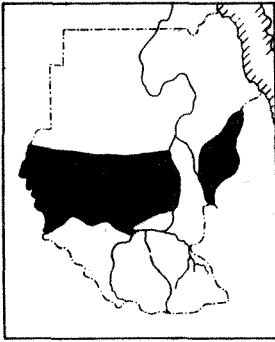
Very scarce arid scrub and desert east of River Nile

Genus HIPPOTRAGUS Sundevall

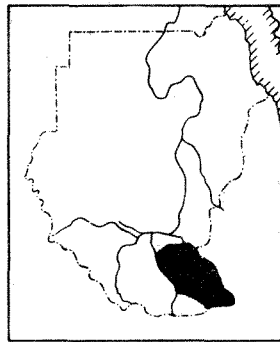
49. ROAN ANTELOPE

Hippotragus equinus bakeri Heuglin.

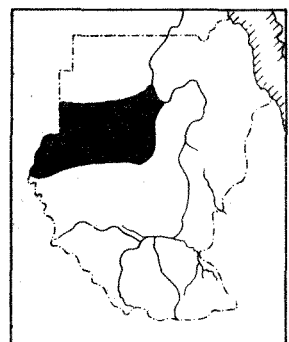
Generally distributed fairly commonly throughout southern savanas.



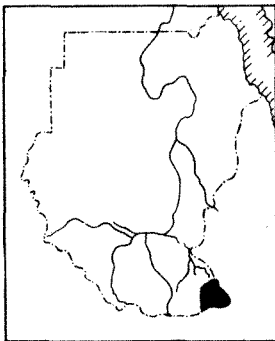
38. RED-FRONTED GAZELLE



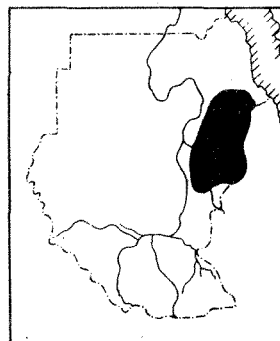
39. MONGALLA GAZELLE



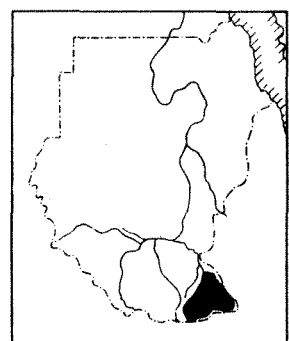
40. ADDRA GAZELLE



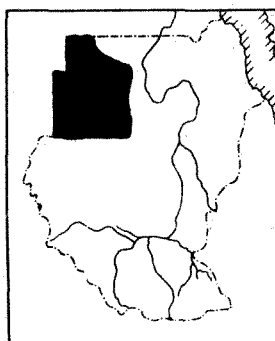
41. BRIGHT'S GAZELLE



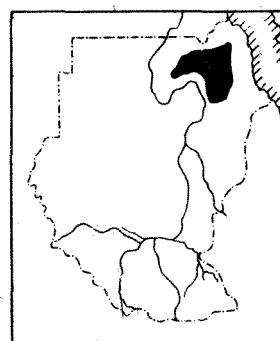
42. SOEMMERRING'S GAZELLE



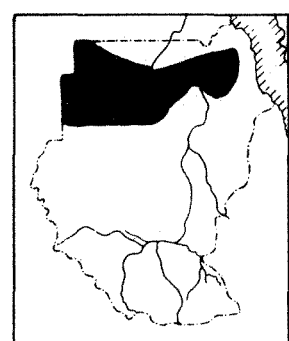
43. HEUGLIN'S GAZELLE



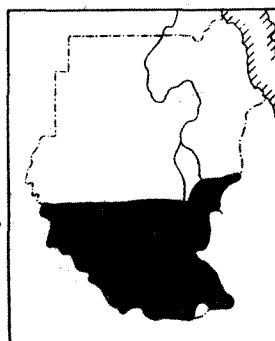
45. ADDAX



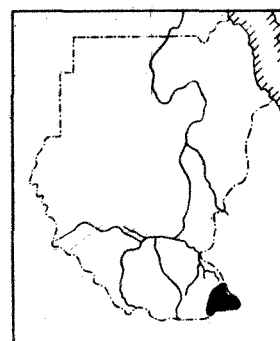
46. EASTERN ADDAX



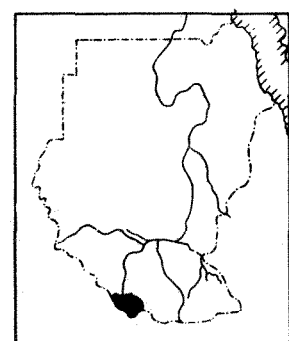
47. WHITE ORYX AND
48. EASTERN WHITE ORYX



49. ROAN ANTELOPE



50. ORYX BEISA



51. BONGO

Genus ORYX Blainville

50. ORYX BEISA

Oryx beisa beisa (Ruppell).
Uncommon savana III eastern Equatoria Province.

Subfamily TRAGELAPHINAE
Genus BOOCERCUS Thomas

51. BONGO

Boocercus eurycerus isaaci Thomas.
Fairly common locally thick forest south-west border savana IV
Equatoria Province.

Genus LIMNOTRAGUS Pocock

52. SITATUNGA

Limnotragus spekii spekii (P.L. Sclater).
Uncommon southern Sudan swamplands.

53. WESTERN SITATUNGA

Limnotragus spekii gratus (P.L. Sclater).
(Probably same as Limnotragus spekii larkenii St. Leger).
Very rare south western border Equatoria Province.

Genus STREPSICEROS Hamilton Smith

54. LESSER KUDU

Strepsiceros imberbis imberbis Blyth.
Fairly common eastern Equatoria Province plain and foothills in
thorn scrub, savana III.

55. GREATER KUDU

Strepsiceros strepsiceros chora (Gretzschmar).
Fairly common mountains central Sudan, scarce in south eastern
Sudan.

Genus TAUROTUS Wagner

56. LESSER ELAND

Taurotragus oryx pattersonianus Lydekker.

Fairly common eastern Equatoria Province in savana III.

57. GIANT ELAND

Taurotragus derbianus gigas (Heuglin).

Scarce in forests of Bahr El Ghazal Province and Equatoria Province west of River Nile.

Genus TRAGELAPHUS Blainville

58. NILE BUSHBUCK

Tragelaphus scriptus bor Heuglin.

Common throughout central and southern Sudan.

59. ABYSSINIAN BUSHBUCK

Tragelaphus scriptus decula (Ruppell).

Fairly common on Abyssinian Border in Kassala and Blue Nile Provinces.

60. GIANT BUSHBUCK

Tragelaphus scriptus dodingae Matschie.

Rare in high altitude forests highland I eastern Equatoria Province.

Subfamily CAPRINAE

Genus AMMOTRAGUS Blyth

61. BARBARY SHEEP

Ammotragus lervia blainei (W. Rothschild).

(Probably same as *Ammotragus lervia ornata* (Audouin)).

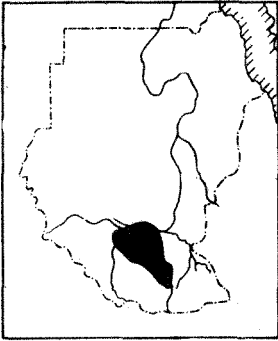
Scarce in mountains across northern Sudan arid scrub except Red Sea coast. Reintroduced Sabaloka Hills 1923.

Genus CAPRA Linnaeus

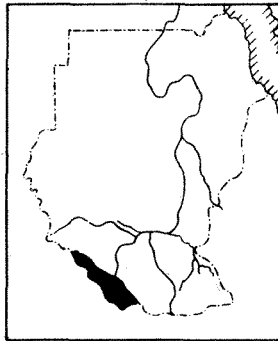
62. NUBIAN IBEX

Capra nubiana nubiana F. Cuvier.

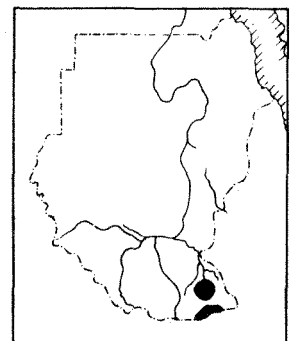
Fairly common in Red Sea Hills.



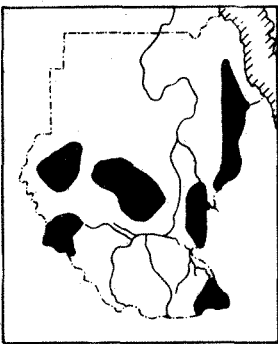
52. SITATUNGA



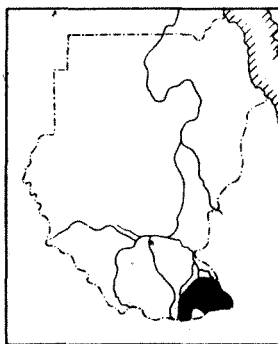
53. WESTERN SITATUNGA



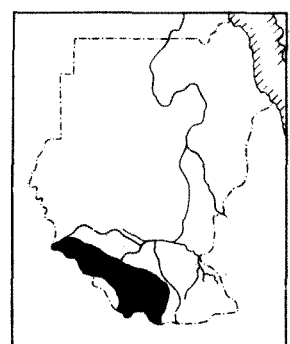
54. LESSER KUDU



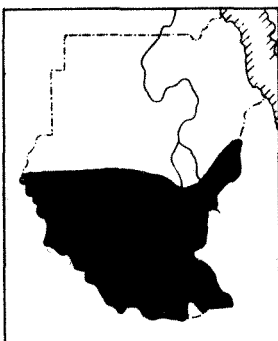
55. GREATER KUDU



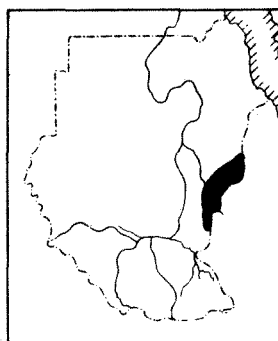
56. LESSER ELAND



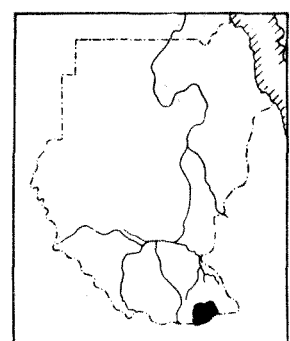
57. GIANT ELAND



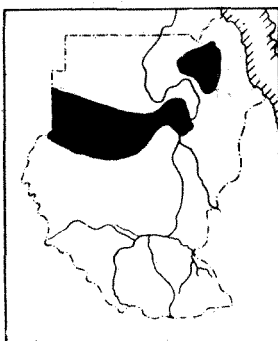
58. NILE BUSHBUCK



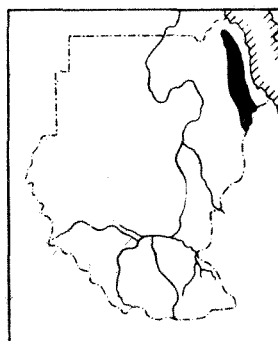
59. ABYSSINIAN BUSHBUCK



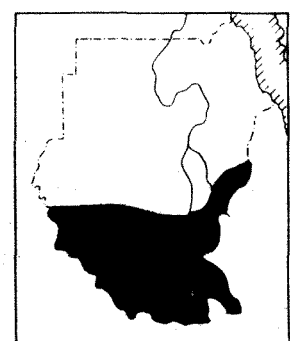
60. GIANT BUSHBUCK



61. BARBARY SHEEP



62. NUBIAN IBEX



63. BUFFALO

Subfamily BOVINAE
Genus SYNCERUS Hodgson

63. BUFFALO

Syncerus caffer aequinoctialis (Blyth).

Common throughout forests and savana southern Sudan except on plains east of Kapoeta Equatoria Province.

64. DWARF FOREST BUFFALO

Syncerus nanus (Boddaert).

Scarce in thick forest savana IV south west Equatoria Province.

Order PERISSODACTYLA Odd-toed Ungulates

Family RHINOCEROTIDAE

Genus CERATOTHERIUM Gray

65. WHITE RHINOCEROS

Ceratotherium simum cottoni (Lydekker).

Scarce west bank River Nile in Equatoria and Bahr El Ghazal Provinces.

Genus DICEROS Gray

66. BLACK RHINOCEROS

Diceros bicornis bicornis (Linnaeus).

Scarce east bank Equatoria Province and isolated colony in northern Bahr El Ghazal Province.

Family EQUIDAE

Genus EQUUS

Subgenus HIPBOTIGRIS Hamilton Smith

67. EAST AFRICAN ZEBRA

Equus burchellii bohmi Matschie.

Common savana III eastern Equatoria Province.

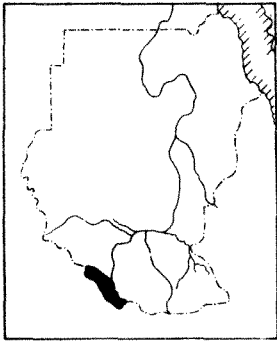
Subgenus ASINUS Gray

68. WILD ASS

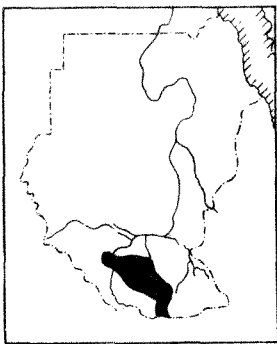
Equus asinus diana (Dollman).

(Probably same as *Equus asinus taeniopus* (Heuglin)).

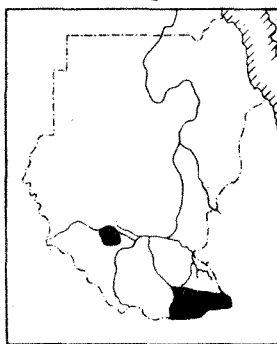
Very rare Red Sea Hills south of Suakin and Eritrean Border as far south as Atbara River



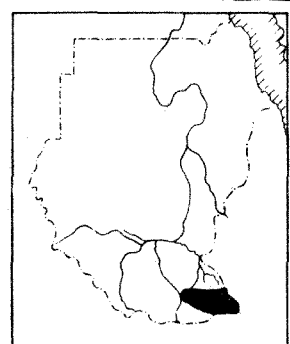
64. DWARF FOREST BUFFALO



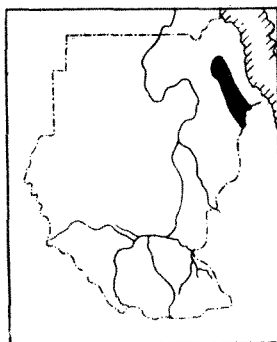
65. WHITE RHINOCEROS



66. BLACK RHINOCEROS



67. EAST AFRICAN ZEBRA



68. WILD ASS