

A LIST OF THE MAMMALS OF THE JAPANESE WAR AREA

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PART. 4.¹ BORNEO AND THE ISLANDS OF THE CHINA SEA

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The fauna of the islands of the South China Sea includes mammals primarily of Malayan origin, together with a few indigenous species and genera. The Philippines, though they border the South China Sea on the east, have been omitted because complete lists of their

mammals are extant.² Palawan and the Calamianes, though politically part of the Philippines, belong faunally with Borneo, so their mammals are included in the present list. Hainan, with a Chinese fauna, is omitted.

RODENTS. RODENTIA (RATS, SQUIRRELS, PORCUPINES)

RATS. MURIDAE

1. *Rattus norvegicus*, the common Norway rat, introduced from northern Europe, is brown above, buffy below. The tail in this rather large species is shorter than the head and body: head

and body, 9 to 10 inches; tail, 8 to 9 inches. This rat is a disease carrier.

2. *Rattus rattus*, common rat.

a. *Rattus rattus rattus*, the introduced black rat, is common around ports and has found its way inland to

¹Part 1 dealt with the mammals of New Guinea and the adjoining islands; Part 2 with those of the Greater Sunda Islands (excluding Borneo), with the Nicobars and Andamans; Part 3 with mammals of Celebes, the Lesser Sundaes, and the Moluccas. It is recommended that these pamphlets be used with "Mammals of the Pacific World" in course of publication by "The Infantry Journal," 1115 17th Street N.W., Washington, D. C. A trade edition of this work will be published shortly. This forms Part II of the Pacific Handbook Series. It deals not only with the mammals of the whole Pacific area but also discusses the probable origin and methods of migration of those animals. Part I, dealing broadly with the Pacific area, is being published by "The Infantry Journal" and by the Norton Publishing Company, 70 Fifth Avenue, New York.

²Hollister, N., 1912, Philippine Journal of Science, vol. 7, p. 1-64; Taylor, E. H., 1934, Philippine Land Mammals, Manila, 548 pp.

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94. *Pithecus femoralis*, banded leaf monkey
Singapore
- a. *Pithecus femoralis rhionis*
Rhio Archipelago
- b. *Pithecus femoralis canus*
Rhio Archipelago
- c. *Pithecus femoralis natunae*
N. Natunas
- d. *Pithecus femoralis chrysomelas*
W. Borneo
- e. *Pithecus femoralis cruciger*
Sarawak
95. *Pithecus aygula hosei*, gray leaf monkey
N. Borneo
- a. *Pithecus aygula canicrus*
N.E. Borneo
- b. *Pithecus aygula sabanus*
N. Borneo
96. *Pithecus rubicundus*, maroon leaf monkey
S. Borneo
- a. *Pithecus rubicundus rubidus*
S.W. Borneo
- b. *Pithecus rubicundus ignitus*
Sarawak
- c. *Pithecus rubicundus carimatae*
Karimata
97. *Pithecus frontatus*, white-fronted leaf monkey
S.E. Borneo

- a. *Pithecus frontatus nudifrons*
Sarawak
98. *Pithecus pyrrhus cristatus*, silvered leaf monkey
Banka, Billiton, Lingga, Rhio Archipelago
- a. *Pithecus pyrrhus ultimus*
Borneo
- b. *Pithecus pyrrhus vigilans*
S. Natunas
99. *Nasalis larvatus*, proboscis monkey
W. Borneo
- a. *Nasalis larvatus orientalis*
E. Borneo
100. *Tarsius tarsier bancanus*, the tarsier
Banka
- a. *Tarsius tarsier saltator*
Billiton
- b. *Tarsius tarsier borneanus*
W. Borneo
- c. *Tarsius tarsier natunensis*
S. Natunas
101. *Nycticebus coucang bancanus*, slow loris
Banka, Rhio Archipelago
- a. *Nycticebus coucang borneanus*
Borneo
- b. *Nycticebus coucang natunae*
N. Natunas

HOOFED MAMMALS. UNGULATES

PIGS. SUIDAE

102. *Sus cristatus rhionis*, crested pig
Rhio-Lingga Archipelago
- a. *Sus cristatus andersoni*
Rhio Archipelago
- b. *Sus cristatus natunensis*
N. Natuna, Laut
103. *Sus barbatus*, bearded pig
Borneo

MOUSE-DEER. TRAGULIDAE

105. *Tragulus javanicus napu*, larger mouse-deer
Singapore
- a. *Tragulus javanicus bancanus*
Banka

- b. *Tragulus javanicus billitonus*
Billiton
- c. *Tragulus javanicus borneanus*
S.E. Borneo, Laut
- d. *Tragulus javanicus banguei*
Banguey, off N. Borneo
- e. *Tragulus javanicus sebucus*
Sebuko, off S.E. Borneo
- f. *Tragulus javanicus abjectus*
S. Natunas
- g. *Tragulus javanicus abruptus*
S. Natunas
- h. *Tragulus javanicus stanleyan*
Rhio Archipelago
- i. *Tragulus javanicus formosus*
Rhio Archipelago
- j. *Tragulus javanicus lutescens*
Rhio Archipelago
- k. *Tragulus javanicus flavicollis*
Rhio Archipelago
- l. *Tragulus javanicus nigrocinctus*
Rhio Archipelago
- m. *Tragulus javanicus pretiosus*
Lingga
- n. *Tragulus javanicus pretiellus*
Lingga
- o. *Tragulus javanicus parallelus*
Lingga
- p. *Tragulus javanicus nigricollis*
Lingga
- q. *Tragulus javanicus anambensis*
Anambas
- r. *Tragulus javanicus siantanicus*
Anambas
- s. *Tragulus javanicus hendersoni*
Anambas
- t. *Tragulus javanicus bunguranensis*
N. Natunas
106. *Tragulus kanchil fulviventis*, smaller mouse-deer
Singapore
- a. *Tragulus kanchil luteicollis*
Banka
- b. *Tragulus kanchil rubeus*
Rhio Archipelago

- c. *Tragulus kanchil subrufus*
Lingga Archipelago
- d. *Tragulus kanchil hosei*
Sarawak
- e. *Tragulus kanchil klossi*
N. Borneo
- f. *Tragulus kanchil pallidus*
N. Natunas
- g. *Tragulus kanchil everetti*
N. Natunas
- h. *Tragulus kanchil carimatae*
Karimata and Panebangan
W. of Borneo

TRUE DEER. CERVIDAE

107. *Cervus unicolor brookei*, sambar deer
Laut, Banguey, and Balam-
bangan, all off Borneo;
Billiton, Banka
108. *Muntiacus muntjak moschatus*, the barking deer or muntjak
Lingga
- a. *Muntiacus muntjak peninsulae*
Singapore
- b. *Muntiacus muntjak robinsoni*
Rhio Archipelago
- c. *Muntiacus muntjak bancanus*
Banka, Billiton
- d. *Muntiacus muntjak rubidus*
S.E. Borneo
- e. *Muntiacus pleiharicus*
S.E. Borneo

CATTLE, BUFFALO. BOVIDAE

109. *Bos sondaicus lowi*, temedau or banting
Borneo
110. *Bos bubalis hosei*, water buffalo
Borneo

RHINOCEROSES. RHINOCEROTIDAE

111. *Rhinoceros sumatrensis*, two-horned rhinoceros. Borneo.