

Two New Races of Galeopterus

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Galeopterus variegatus terutaus subsp. nov.

Type.—Adult female, skin and skull collected on Terutau Island, West coast of the Malay Peninsula, on 25th December 1916 by H. C. Robinson; Federated Malay States Museums No. 264/17.

Diagnosis.—Size as in *pumilus*¹ and *aoris*² but the female with brownish patches on the shoulders. Male nearest to *aoris* but, as a series, more rufous, and not so dark; more richly coloured than *pumilus*. The skull of the adult female resembles that of *pumilus* and differs from *aoris* in the more expanded zygomatic arches and broader interorbital space. Condylar-basal length of adult females, 59–63.9 mm.

External measurements of type.—Head and body 365, tail 206, hind-foot 58, ear 21 mm. (taken in the flesh by H.C.R.).

Cranial measurements of type.—Greatest length of skull 66.1, condylar-basal length 63, basal length 59, least distance from orbit to anterior nares 24, greatest orbital breadth 43.9, least orbital breadth 20, zygomatic breadth 40, mastoid breadth 30, maxillary tooth-row (alveoli) 32.5 mm.

Specimens examined.—Three males and five females (including the type) from Terutau Island; three males and three females from Langkawi Island, North entrance to the Straits of Malacca.

Remarks.—The series from the two islands are not quite the same in colour. In that from Langkawi the males are less rufous above and the females less conspicuously marked on the shoulders than in the Terutau specimens.

Galeopterus variegatus perhentianus subsp. nov.

Galeopterus pumilus Kloss *nee* Miller, Journ. F. M. S. Mus., iv, 1911, p. 187.

Type.—Adult female (skin and skull) collected on East Perhentian Island, Trengganu Archipelago, East Coast of the Malay Peninsula, on 11th September 1910 by C. Boden Kloss. Federated Malay States Museums No. 2321/10.

Diagnosis.—A small race about the size of *pumilus*, *aoris* and *terutaus*: female like *pumilus* and *aoris*: male like *aoris* but with

¹ *Galeopithecus pumilus* Miller, Smiths. Misc. Coll., 45, 1903, p. 46: Butang Ids, W. Coast Malay Peninsula, lat. 6° 30' N.

² *Galeopithecus aoris* Id. ib., p. 47: Pulau Aor. E. Coast Malay Peninsula, lat. 2° 30' N.

the muzzle and forefeet more blackened: underparts paler especially on the throat.

Skull essentially as in *pumilus* and *terutaus* but the braincase narrower in both sexes. Skull of adult female with zygomatic arches more expanded and the interorbital space broader than in female *aoris*. Condyllo-basal length of adult females 63—64, males 59.5—59.9 mm.

External dimensions of type.—Head and body 353, tail 230, hind-foot 59, ear 21 mm. (Collector's measurements taken in the flesh).

Cranial measurements of type.—Greatest length of skull 66.3, condyllo-basal length 63, basal length 59, least distance from orbit to anterior nares 23, greatest orbital breadth 43, least orbital breadth 17, zygomatic breadth 40, mastoid breadth 40.1, maxillary tooth-row (alveoli) 31 mm.

Specimens examined.—Three males and three females (including the type: one juvenile) from East Perhentian Island.

Remarks.—One male in worn pelage is rather pale and more uniform above than the type: the other male is immature and has the grey element in the pelage more pronounced. The juvenile female is like the adults but rather darker above. The specimens on which this race is founded have already been discussed at greater length by Kloss (l.c.s.).