

LVII.—*Diagnoses of new Mammals collected by Mr. H. C. Robinson in the Malay Peninsula and Rhio Archipelago.*  
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THE National Museum owes to the authorities of the Selangor Museum, and especially to Mr. H. C. Robinson, a further magnificent collection of mammals of all groups, and of these a full account is being forwarded to the 'Journal of the Federated States Museums.' In the meantime, however, to avoid clashing, it is thought better that the following diagnoses should be published at once.

(1) *Presbytis cristata pullata*, subsp. n.

A local race of *P. cristata*, characterized by its darker colouring, especially on the forehead and forearms, and its smaller teeth.

*Hab.* Batam and Bintang Islands, Rhio Archipelago. (Type from Batam.)

*Type.* Adult female. Original number 906. Collected 12th July, 1908.

Ten specimens examined.

(2) *Cynopterus (Niadius) harpax*, sp. n.

About the same size as *C. (N.) minor*, Lyon, but the molars, although with the extra cusps typical of *Niadius*, comparatively narrow and tapering backwards, as in true *Cynopterus*.

Dimensions of the type :—

Forearm 72 mm. Front of canine to back of  $m^1$  (alveoli) 10.5.

*Hab.* Semangko Pass, Selangor, Pahang Boundary.

*Type.* Male. B.M. no. 8. 7. 20. 7. Original number 571.

(3) *Sciurus vittatus nesiotus*, subsp. n.

A plantain-squirrel most resembling the mainland *S. v. peninsularis*, from which it differs by its greyer colouring, less conspicuous lateral stripe, and more brightly coloured hands and feet.

*Hab.* Batam Island, Rhio Archipelago. (Type from Tanjong Turut.)

*Type.* Adult male. Original number 920. Collected 14th July, 1908.

Fifteen specimens examined.



(4) *Sciurus vittatus subluteus*, subsp. n.

A local form distinguishable from all others by its dingy pale yellow-coloured abdomen. General colouring greyer and teeth smaller than in typical *vittatus*.

*Hab.* Si Karang, S.E. Johor.

*Type.* Adult male. Original number 1250. Collected 1st August, 1908.

Eight specimens from the mainland and one from Tingi Island examined.

(5) *Sciurus seimundi*, sp. n.

A squirrel allied to and resembling *S. robinsoni*, Bonh., but having the dark colour of the back prolonged downwards on the flanks, thus greatly narrowing the broad white ventral area characterizing that species.

*Hab.* Kundur Island, Rhio Archipelago. (Type from Bliah.)

*Type.* Old male. Original number 1505. Collected 21st August, 1908.

(6) *Rhinosciurus peracer*, sp. n.

Tail-hairs tipped with buffy ochraceous, white in the geographically neighbouring *R. tupaoides*. Skull with comparatively small bullæ, more as in the Bornean *R. laticaudatus*.

Hind foot of type 41 mm.

*Hab.* Maxwell's Hill, Perak.

*Type.* Female. Original number 89. Collected 1st September, 1908.

(7) *Rhinosciurus leo*, sp. n.

Externally resembling the last, but colours brighter. Specially characterized by its exceptionally large bullæ, which distinguish it from all other forms in the genus.

*Hab.* Singapore Island and adjacent mainland. (Type from Changi, Singapore.)

*Type.* Old male. Original number 1122. Collected 24th July, 1908.

Seven specimens from Singapore and one from the mainland examined.

(8) *Rhinosciurus leo rhionis*, subsp. n.

A local form of the last, from which it differs by its larger size, richer general colouring, more evident shoulder-stripes, and more buffy lower surface.



*Hab.* Rhio Archipelago. (Type from Karimon.)

*Type.* Adult female. Original number 1366. Collected 13th August, 1908.

Seventeen specimens examined from the islands of Karimon, Kundur, Batam, and Bintang.

(9) *Mus rattus rhionis*, subsp. n.

A rat of the *albescens* type of the *rattus* group, but darker than any known Malayan form.

*Hab.* Bintang and Batam Islands, Rhio Archipelago. (Type from Bintang.)

*Type.* Adult male. Original number 739. Collected 8th June, 1908.

A series of eighteen specimens, of both sexes and all ages, from the two islands examined. The general appearance throughout is very uniform.

(10) *Sus andersoni*, sp. n.

A pig of the *S. vittatus* group allied to *S. rhionis*, but with conspicuously smaller teeth.

Upper length of skull 310 mm.  $p^2$   $10 \times 4.3$  mm.;  $p^3$   $11 \times 8.3$ ;  $p^4$   $10.3 \times 12$ .

*Hab.* Islands of the Rhio Archipelago. (Type from Batam Island.)

*Type.* Adult female. Original number 927. Collected 15th July, 1908.

Four specimens examined.

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LVIII.—*The Genus Puerulus, Ortmann, and the Post-larval Development of the Spiny Lobsters* (Palinuridæ). By W. T. CALMAN, D.Sc.

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THE genus *Puer* was established by Ortmann\* in 1891 for the reception of *Panulirus angulatus*, Spence Bate, and a new species from Japan described under the name of *P. pellucidus*. The genus was distinguished from *Senex* (= *Panulirus*) by having the antennular segment unarmed and the cephalothorax with a pair of lateral ridges, giving it a prismatic

\* Zool. Jahrb. Syst. vi. pp. 15 & 37 (1891).



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