

XXII.—*Description of an Arvicola from the Punjab Himalayas.*

By W. T. BLANFORD, F. R. S.

ARVICOLA WYNNEI, sp. nov.

A. superne rufescenti-fuscus, aliquando griseo-lavatus, subtus pallidior, caudâ pedibusque cum dorso concoloribus, caudâ fere $\frac{2}{7}$ corporis cum capite æquante; auriculis brevibus, vellere contectis, pilis longiusculis extus munitis; unguibus longis, albidis compressis, pilis haud obtectis; pollice brevi, unguifero; dente molario inferiore antico angulis 4 externis, 5 internis, spatiis in coronâ 7 munito, secundo tertioque singulis angulis utrinque tribus, totidem spatiis; dente superiore primo spatiis 5, angulis utrinque tribus, secundo spatiis 4, angulis tribus externis, duobus internis, tertio denique angulis tribus, quorum ultimus rotundatus, externis, duobus internis, in lobum elongato-ovatum postice productum desinente notando. Long. corporis cum capite 0.12 met., caudæ 0.032, auris 0.07, pedis posterioris a calcaneo 0.18, cranii 0.028.

HAB. Ad Mari (Murree) in montibus Himalayanis occidentalibus, ad latus occidentale fluminis Jhelum.

General colour above dark rich brown with a slight greyish tint, head rufescent, lower parts pale brown, tail the same colour as the back, feet covered with brown hair above, soles pale. Fur very soft, dark leaden grey at the base and for about $\frac{3}{4}$ the length, tips dark rufous brown on the back, dirty white below. Ears short and rounded, concealed beneath the fur, thinly clad with long hair outside and with short brown hair inside near the border; a tuft of long hair on the anterior edge of the inner surface. Tail between $\frac{1}{3}$ and $\frac{1}{4}$ the length of the head and body, cylindrical, clothed with long hair at the base and with short brown hairs throughout the terminal three quarters of its length. Claws long, compressed, white, not concealed by long hairs, thumb small with a short compressed claw. The under side of the tarsus is hairy.

The following are the dimensions, in inches, of two specimens, both adult males, in spirit:—

| | 1 | 2 |
|---|------|------|
| Length of head and body from nose to anus,..... | 4.75 | 3.5 |
| Ditto tail from anus (hairs at end not included), ... | 1.35 | 1.2 |
| Height of ear from orifice, | 0.25 | 0.26 |
| Breadth of ditto, | 0.25 | 0.26 |
| Length of fore-foot without claws,..... | 0.4 | 0.4 |
| Ditto of hind-foot and tarsus without claws,..... | 0.7 | 0.7 |
| Ditto of claw of middle toe,..... | 0.11 | 0.13 |

The incisors are deep orange. The following are the characters of the molars:—

| | | | | | | |
|---------------|---|------------------|---|--------------|---|-----------------|
| Upper molar I | 5 | spaces or prisms | 3 | external and | 3 | internal angles |
| „ „ II | 4 | „ | 3 | „ | 2 | „ |
| „ „ III | 4 | „ | 3 | „ | 2 | „ |
| Lower molar I | 7 | „ | 4 | „ | 5 | „ |
| „ „ II | 3 | „ | 3 | „ | 3 | „ |
| „ „ III | 3 | „ | 3 | „ | 3 | „ |

Described from two specimens in spirit and two skins sent by Mr. A. B. Wynne, of the Geological Survey. I have called the species after the discoverer, by whom I am informed that the native name is '*Kanis*.'

I hope to give a fuller description of this and the other Himalayan forms shortly.

XXIII.—*Some new Species of Rhopaloceros* Lepidoptera from the Indian Region.—By CAPTAIN G. F. L. MARSHALL, R. E., and LIONEL DE NICEVILLE.

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1. *EUPLEA* (*SALPINX*) *ADAMSONI*, Marshall.

♂. Allied to *E. superba*, Herbst, but differing on the UPPERSIDE of the *forewing* in that the brilliant blue gloss is confined to the basal two-thirds not reaching to the costa or the inner margin, and that the spots are reduced to four in number all very small, one subcostal above the end of the cell, and one in the cell at the end both lilac, and two near anal angle, one marginal and the other submarginal, white. *Hindwing* as in *E. superba*.

HAB. Moulmein; taken in the autumn by Captain C. H. E. Adamson.

2. *ZOPHOESSA JALAUROIDA*, de N.

♂. Nearest to *Z. atkinsonia*, Hewitson; from which it differs on the UPPERSIDE in being deep brown instead of tawny and in having the macular bands and bar in the cell of the *forewing* ochreous. On the UNDERSIDE the ground colour is also deep brown, and the *hindwing* is crossed by several silvery white streaks on the basal half.

HAB. Jalauri pass, N. W. Himalayas.

3. *LETHE MAITRYA*, de N.

♂. Allied to *Lethe sidonis*, Hewitson, from which it differs on the UPPER-SIDE in having an obscure ochreous band across the *forewing* beyond the



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