

thoracic angles from within outwards with a row of three hairs in a triangular light-coloured area, then a short hair, then a longer hair; end of abdomen rounded in male, sometimes slightly bifid; narrow and two-pointed in the female.

Genotype: *Lipeurus angusticeps* Piaget.

Type-host: *Adamastor cinereus* (Gmelin).

This genus is erected to include species of the type usually referred to *diversus* Kellogg and *angusticeps* Piaget. The following species should be included in the genus:—

1. *Halipeurus angusticeps* (Piaget).

*Les Pédiculines*, Loidon, 1880, p. 306, pl. xxv. fig. 4.

Type-host: *Adamastor cinereus* (Gmelin).

2. *Halipeurus abnormis* (Piaget).

*Lipeurus abnormis* Piaget, *Les Pédiculines*, Suppl., Leiden, 1885, p. 65, pl. vii. fig. 2.

Type-host: *Puffinus gravis* (O'Reilly).

3. *Halipeurus diversus* (Kellogg).

*Lipeurus diversus* Kellogg, *New Mallophaga*, i. p. 123, pl. viii. figs. 3 & 4.

Type-host: *Puffinus ophisthomelas* Coues.

4. *Halipeurus kermadecensis* (Johnston & Harrison).

*Lipeurus kermadecensis* Johnston & Harrison, *Trans. N.Z. Inst.* xliv. 1912, p. 365, fig. 1.

Type-host: *Pterodroma philippiae* (G. R. Gray).

5. *Halipeurus marquesanus* (Ferris).

*Esthiopterus marquesanum* Ferris, *Bull. Bishop Mus.*, Honolulu, xviii. 1933, pp. 62-63, fig. 14.

Type-host: *Pterodroma rostrata rostrata* (Peale).

PERINEUS, gen. nov.

*Generic Characters.*—Forms with strongly contrasted colouring, ranging from white to black; clypeal suture not present; antennal bands usually continuous with clypeal bands; frontal bands not typically developed; internal bands absent; no definite signature; ocular and occipital blotches large and prominent.

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IV.—*Three new Genera of Mallophaga (Subfam. Esthiopterinae)*. By GORDON B. THOMPSON, Department of Entomology, British Museum (Natural History).

THREE new genera are briefly described in this paper for the reception of a number of species at present referred to *Esthiopterus*. The hosts of the species contained in these new genera are all petrels.

HALIPEURUS, gen. nov.

*Generic Characters.*—Long slender forms; signature and clypeal bands distinct; clypeal suture prominent; internal bands continue back to the mandibles; meta-

Genotype : *Lipeurus nigrolimbatus* Giebel.

Type-host : *Daption capensis* (Linn.).

This genus is readily distinguished from *Pseudonirmus*, *Naubates*, and *Halipeurus* by its contrasted coloration, the general brown giving place to strong black and white, and by a masking of the structural details. From *Harrisoniella* it is distinguished by the absence of internal bands and by not having a definite signature. The following species should be included in the genus :—

1. *Perineus nigrolimbatus* (Giebel).

*Insecta Epizoa*, Leipzig, 1874, p. 233.

Type-host : *Daption capensis* (Linn.).

2. *Perineus concinnus* (Keliogg & Chapman).

*Lipeurus concinnus* Kellogg & Chapman, New Mallophaga, iii. 1899, p. 97, pl. vii. fig. 2.

Type-host : *Diomedea albatrus* Pallas.

3. *Perineus obscurus* (Rudow).

*Lipeurus obscurus* Rudow, Beitrag zur Kenntniss der Mallophagen oder Pelzfresser, Dissertation, Halle, 1869, p. 30.

Type-host : *Macronectes giganteus* (Gmelin).

4. *Perineus hyalinus* (Neumann).

*Lipeurus hyalinus* Neumann, Brit. Antarct. Exp. 1907–1909, (2) iii. p. 21, pl. iii. figs. 1 a–1 d.

Type-host : *Diomedea exulans* Linn.

5. *Perineus giganticola* (Kellogg).

*Lipeurus giganticola* Kellogg, New Mallophaga, i. 1896, p. 105, pl. v. fig. 6.

Type-host : *Diomedea albatrus* Pallas.

6. *Perineus tricolor* (Piaget).

*Lipeurus tricolor* Piaget, Les Pédiculines, Leiden, 1880, p. 363, pl. xxx. fig. 4.

Type-host : *Phaebetria palpebrata palpebrata* (Förster).

7. *Perineus modestus* (Giebel).

*Lipeurus modestus* Giebel, Insecta Epizoa, Leipzig, 1874, p. 233.

Type host : *Stercorarius pomarinus* (Temminck).

8. *Perineus confidens* (Kellogg).

*Lipeurus confidens* Kellogg, New Mallophaga, iii. 1899, p. 26, pl. iii. fig. 1.

Type-host : *Diomedea nigripes* Audubon.

SYNNAUTES, gen. nov.

*Generic Characters*.—Long slender forms ; antennal, anterior and internal bands well developed ; internal bands short ; clypeal suture present ; end of abdomen in female sharply two-pointed.

Genotype and sole species : *Lipeurus pelagicus* Denny.

*Anoplur.* Brit. 1842, pp. 58–59, 173–174, pl. xiv. fig. 2.

Type-host : *Hydrobates pelagicus* (Linn.).

This genus closely resembles *Halipeurus*, but has the head more slender and has a more concave occiput.