

EXPLANATION OF PLATE III.

- Fig. 1. *Ennea microthauma*.
 Fig. 2. — *juxtidentis*.
 Fig. 3. *Zingis Haygarthi*.
 Fig. 4. — *inuncta*.
 Fig. 5. — *ampliata*.
 Figs. 6, 6 a, 6 b. *Trachycystis calorama*.
 Figs. 7, 7 a, 7 b. — *pycnotracha*.
 Figs. 8, 8 a. — *ectima*.
 Fig. 9. *Trochomorpha placenta*.
 Fig. 10. *Balea africana*.
 Figs. 11, 11 a. *Pupa cryptoplax*.
 Fig. 12. *Curvella sinuosa*.
 Fig. 13. *Auricula catonis*.
 Fig. 14. — *durbanica*.
 Fig. 15. *Cyclophorus minimus*, M. & P. Operculum.
 Figs. 16, 16 a, 16 b. *Trachycystis charybdis*, Benson.

XVII.—*Descriptions of some new Species of Heterocera.*
 By HERBERT DRUCE, F.L.S. &c.

Fam. **Lithosiidæ.***Chionæma sumatrensis*, sp. n.

Male.—The head, collar, and tegulæ white, the collar and tegulæ edged with yellow; the thorax and basal half of the abdomen white, the anal half of the abdomen yellow; antennæ, palpi, and legs yellow. Primaries white, crossed from the costal to the inner margin by three waved yellow lines; two small black dots at the end of the cell and a short yellow streak in the cell; the outer margin bordered from the apex to the anal angle with yellow; the fringe white: secondaries white, shaded with yellow at the apex and partly round the outer margin.—*Female* very similar to the male, but with the markings all red instead of yellow; the secondaries salmon-colour, with the fringes white.

Expanse, ♂ $1\frac{1}{2}$, ♀ $1\frac{3}{4}$ inch.

Hab. Sumatra, Pedang (*Bock, Mus. Druce*).

Lithosia subcosteola, sp. n.

Male.—The head, antennæ, and legs black; collar, tegulæ, and thorax yellow; abdomen greyish black, the sides and anus yellow. Primaries greyish black, yellow at the base and streaked along the costal margin from the base to the apex with yellow: secondaries pale yellow.

Expanse $1\frac{6}{10}$ inch.

Hab. Central China, Hunan (*Pratt, Mus. Druce*).

Ilema perdentata, sp. n.

Female.—The head, antennæ, collar, thorax, and tegulæ pale yellow; abdomen dusky. Primaries pale semihyaline yellow, crossed from the costal to the inner margin by two zigzag dusky brown bands, the first close to the base, the second about the middle, the outer margin striated with dusky brown lines: secondaries pale yellow.

Expanse 1 inch.

Hab. Perak (*Doherty, Mus. Druce*).

Scoliacma brunnea, sp. n.

Female.—The head, collar, and tegulæ chrome-yellow; antennæ brown; thorax and abdomen above black, on the underside chrome-yellow; legs brown; the anus yellow. Primaries brown, slightly yellow at the base: secondaries blackish brown.

Expanse $1\frac{1}{4}$ inch.

Hab. New Guinea, Port Moresby (*Goldie, Mus. Druce*).

Fam. *Ægeriidæ*.

Ægeria calamis, sp. n.

Male.—The head, thorax, and tegulæ black, the tegulæ edged with yellow; collar yellow; antennæ black, the tip yellow; abdomen black, banded with yellowish white, the anal tuft yellow; legs black, banded with yellow. Primaries and secondaries hyaline, the veins black; the outer margin of the primaries bordered with pale brown; the fringes of both wings black.

Expanse 1 inch.

Hab. Perak, 2000–3500 feet (*Doherty, Mus. Druce*).

Ægeria simois, sp. n.

The head, antennæ, thorax, abdomen, and legs black; the last three segments of the abdomen banded with yellow, the anal tuft black. Primaries and secondaries hyaline, the veins black; the costal margin, inner margin, and apex black.

Expanse $\frac{3}{4}$ inch.

Hab. N.E. Borneo, Sandakan (*Mus. Druce*).

Ægeria panyasis, sp. n.

Male.—The head, thorax, and abdomen glossy steel-blue; the tegulæ edged with yellow; each segment of the abdomen

edged with yellow, the anal tuft black; legs black, banded with yellow; antennæ black, tipped with white. Primaries and secondaries hyaline, the costal margin, outer margin, and veins black; a small yellow spot on the black border close to the apex; the fringes of both wings black.

Expanse $\frac{3}{4}$ inch.

Hab. Queensland, Brisbane, Taylor Range (*Mus. Druce*).

Ægeria caieta, sp. n.

The head and thorax metallic blue; antennæ black; tegulæ, sides of the thorax, abdomen, and legs bright yellow, the abdomen with three bands of metallic blue. Primaries hyaline, the base yellow; the veins, costal margin, apex, and inner margin black; a rather large yellow mark at the apex; the fringe black: secondaries hyaline, the veins and fringe black.

Expanse $\frac{3}{4}$ inch.

Hab. Queensland, Brisbane, Taylor Range (*Mus. Druce*).

Ægeria elymais, sp. n.

The head and thorax black; antennæ black, with a ring of yellow near the tip; collar and tegulæ yellow; abdomen yellow, the last three segments edged with black, the anal tuft yellow; legs yellow. Primaries hyaline yellow at the base and from the end of the cell to the outer margin; a black spot at the end of the cell; the veins and fringe black: secondaries hyaline, the costal margin yellow, the fringe black.

Expanse $\frac{3}{4}$ inch.

Hab. E. Africa, Delagoa Bay (*Mrs. Monteiro, Mus. Druce*).

Ægeria tiresa, sp. n.

The head, antennæ, thorax, tegulæ, and abdomen all black, the first and fourth segments of the abdomen banded with white; the anal tuft black, white at the base; the legs alternately black and white. Primaries glossy black: secondaries hyaline, the veins and fringe black.

Expanse $\frac{1}{2}$ inch.

Hab. E. Africa, Delagoa Bay (*Mrs. Monteiro, Mus. Druce*).

Ægeria critheis, sp. n.

The head, antennæ, tegulæ, thorax, abdomen, and legs black, the fourth segment of the abdomen yellow. Primaries

dull black, with a small indistinct yellow spot close to the apex; the fringe black: secondaries hyaline, the veins, outer margin, and apex black.

Expanse $\frac{3}{4}$ inch.

Hab. E. Africa, Delagoa Bay (*Monteiro, Mus. Druce*).

Ægeria rhodia, sp. n.

The head, antennæ, thorax, abdomen, and legs black, the anal tuft black. Primaries hyaline, the costal margin, inner margin, and the apex black; a black band crossing the wing at the end of cell and a greyish line extending from the apex to the anal angle; the fringe black: secondaries hyaline, the veins, outer margin, and fringe black.

Expanse $\frac{3}{4}$ inch.

Hab. South Africa, Bedford (*Mus. Druce*).

Ægeria sophax, sp. n.

The head and antennæ black, the thorax and tegulæ glossy dark green; the abdomen bright red, with the fourth segment dark green; the legs blue-black, banded with white. Primaries hyaline red at the base; the costal margin, a streak at the end of the cell, and all the veins black: secondaries hyaline, the veins black.

Expanse $\frac{3}{4}$ inch.

Hab. E. Africa, Delagoa Bay (*Mrs. Monteiro, Mus. Druce*).

A specimen of this species is in the National Collection from the same locality.

Ægeria pittheis, sp. n.

The head, thorax, and antennæ black; front of the head and underside of the thorax yellow; tegulæ black, edged with yellow; collar yellow; abdomen brownish black, each segment edged with yellow, some wider than others; the anal tuft brownish yellow; legs yellow. Primaries hyaline, the costal margin and the apex brown; a black streak at the end of the cell: secondaries hyaline, the veins and outer margin brownish yellow.

Expanse $\frac{3}{4}$ inch.

Hab. Amazons, Ceara (*Leech, Mus. Druce*).

Ægeria chea, sp. n.

The head, antennæ, thorax, tegulæ, and abdomen black, the anal tuft black; the legs yellow, banded with black.

Primaries and secondaries hyaline, the costal margin of the primaries and the veins of both wings all black.

Expanse $\frac{1}{2}$ inch.

Hab. Amazons (*Leech, Mus. Druce*).

Ægeria Whitelyi, sp. n.

The head, antennæ, and tegulæ black; the thorax brown; abdomen black, each segment edged with yellowish brown; a large yellowish-brown spot on the second segment; the anal tuft brown and black; the legs yellowish brown. Primaries hyaline, the costal margin, the veins, and the apex black; a black streak at the end of the cell, the inner margin shaded with yellow: secondaries hyaline, the veins and the outer margin black.

Expanse 1 inch.

Hab. British Guiana (*Whitely, Mus. Druce*).

Ægeria Harti, sp. n.

The head, antennæ, collar, and thorax black; tegulæ black, edged with yellow; palpi black, white on the under-side; abdomen glossy blue-black, the base, second and fourth segments banded with yellow; the anal tuft blue-black; legs black, banded with yellow. Primaries and secondaries hyaline, the veins of both wings and the apex of the primaries all black.

Expanse $\frac{3}{4}$ inch.

Hab. Trinidad, Port of Spain (*Hart, Mus. Druce*).

Ægeria (?) *Taylori*, sp. n.

The head, antennæ, thorax, and the base of the abdomen reddish brown, the collar white, and the last four segments blackish brown, edged with white; the anal tuft black; legs black, banded with white. Primaries hyaline, the veins and apex reddish brown; a black line at the end of the cell, edged with red on the outer side: secondaries hyaline, the veins reddish brown; a small red spot at the end of the cell; the fringe dark brown.

Expanse 1 inch.

Hab. South Africa, Potchefstroom (*Taylor, Mus. Druce*).

Ægeria pythes, sp. n.

The head, antennæ, collar, tegulæ, thorax, and abdomen black; the palpi reddish brown; the anal tuft black and yellow; the legs reddish brown. Primaries blackish brown,

darkest at the base; a round black spot at the end of the cell: secondaries hyaline, the veins and fringe dark brown.

Expanse $\frac{3}{4}$ inch.

Hab. South Africa, Bedford (*Mus. Druce*).

Ægeria marisa, sp. n.

The head, antennæ, tegulæ, thorax, and abdomen dark brownish black, the tegulæ edged with yellow, the collar yellow; legs yellow, banded with black. Primaries hyaline, the veins, a streak at the end of the cell, and the fringe reddish brown: secondaries hyaline, the veins and fringe dark brown.

Expanse 1 inch.

Hab. South Africa, Bedford (*Mus. Druce*).

Ceratocorema aurania, sp. n.

The head, antennæ, collar, tegulæ, thorax, and abdomen black, the fourth and fifth segments of the abdomen bright red; anal tuft black; legs black. Primaries yellowish hyaline, the costal margin and the apex brown; the veins yellowish brown: secondaries yellowish hyaline, the veins and fringe brown.

Expanse $1\frac{1}{4}$ inch.

Hab. Perak, 2000–3500 feet (*Doherty, Mus. Druce*).

Melittia dolens, sp. n.

The head, thorax, tegulæ, abdomen, and legs black (antennæ wanting); the fourth segment of the abdomen bright yellow; the anal tuft black. Primaries black; secondaries hyaline, the veins and the fringe black.

Expanse $1\frac{1}{4}$ inch.

Hab. S.E. Brazil (*Mus. Druce*).

XVIII.—*Revision of Amphipoda (continued)* *.

By the Rev. THOMAS R. R. STEBBING, M.A., F.R.S.

THE following new genera are proposed:—

Fam. **Lysianassidæ**.

STOMACONTION, gen. nov.

Agreeing in general with *Acontistoma*, but distinguished by having the palp of the first maxillæ two-jointed, the fourth

* See the 'Annals' for March and April 1899.



Druce, Herbert. 1899. "Descriptions of some new species of Heterocera." *The Annals and magazine of natural history; zoology, botany, and geology* 4, 200–205.

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