

JOURNAL  
OF THE  
BOMBAY  
Natural History Society.

Vol. XIV.

BOMBAY.

No. 4.

THE MOTHS OF INDIA.

SUPPLEMENTARY PAPER TO THE VOLUMES IN  
"THE FAUNA OF BRITISH INDIA."

SERIES II. PART VIII.

BY SIR G. F. HAMPSON, BART., F.Z.S., F.E.S.

(Continued from page 519 of this Volume.)

Moths of India—5a.

Genus NEOSCELIS, Nov.

Type.—*N. rivula*.

Palpi porrect, extending about the length of head ; frons with tuft of hair ; antennæ of female ciliated ; mid tibia with the medial spurs absent ; abdomen with dorsal tufts. Forewing with vein 5 from near angle of cell ; 6 from below upper angle ; 7, 8, 9, 10, 11 stalked, 11 anastomosing with 12. Hindwing with



*Neoscelis rivula* ♀  $\frac{3}{2}$ .

veins 3, 4 and 6, 7 very shortly stalked ; 8 anastomosing with the cell to near its extremity.

3748b. NEOSCELIS RIVULA, n. sp.

♀. Head, thorax and abdomen purplish-red strongly irrorated with black ; tegulae edged with white. Forewing black-brown mixed with grey ; purplish-red streaks on inner area and above veins 3 and 6 ; a very indistinct curved subbasal black line ; tufts of raised black scales at origin of vein 2 and on discocellulars ; a very obscure curved whitish medial band ; a similar, more prominent postmedial band traversed by a dark line and excurved between veins 7 and 2 ; a terminal series of pale points. Hindwing rather redder ; an indistinct medial whitish band ; more distinct postmedial and terminal bands from vein 5 to inner margin traversed by waved dark lines. Underside whitish ;

both wings with diffused black ante- and postmedial bands, excurved at middle; the terminal area black, interrupted by a white fascia at middle.

*Habitat*.—Ceylon, Gampola (Mackwood). *Exp.* 24 mill. *Type*—In B. M.

3749a. GYMNOSCELIS SEMIVINOSA, Warr. Nov. Zool. III., p. 389 (1896) (pl. C., f. 23).

♀. Head, thorax and abdomen whitish; palpi and frons purplish-red and black; pro and mesothorax with transverse black lines; abdomen dorsally tinged with red with slight segmental black lines. Forewing whitish; the costa reddish and fuscous to the postmedial line; an antemedial black-irrorated greenish band expanding towards costa; traces of a medial line; a postmedial line strongly excurved from below costa to vein 3 with some dark suffusion on its inner side and a less distinct line on its outer; a subterminal ochreous band with diffused black patches on it at costa, below apex and at tornus. Hindwing whitish, suffused in parts with bright-purplish red and slightly irrorated with black; the red irroration most prominent on costal half of wing, before the indistinct curved medial and postmedial blackish lines and on apical area.

*Habitat*.—Ceylon, Gampola; Java. *Exp.* 18 mill.

3750. GYMNOSCELIS DELETA, insert (syn.) *Gymnoscelis cristata*, Warr. Nov. Zool. III., p. 229, Jaintia Hills.

3750a. GYMNOSCELIS ATTENUATA, Moore. Lep. Ceyl. III., p. 479 (pl. 206, f. 3).

♂. Head, tegulæ and patagia green; thorax dark brown; abdomen dark brown, green at base and towards extremity, the ventral surface greyish. Forewing dark reddish-brown; traces of numerous waved dark lines on basal area; waved grey antemedial and postmedial lines, the latter angled at lower angle of cell; a black discoidal spot; a dentate grey subterminal line with white spot at middle. Hindwing with two indistinct minutely waved pale brown antemedial lines and two similar postmedial lines; a dentate grey subterminal line with white spot at middle. Underside black-brown with four pale lines on each wing.

*Habitat*.—Ceylon, Haputale. *Exp.* 22 mill.

3752b. GYMNOSCELIS ALBICAUDATA, Warr. Nov. Zool. IV., p. 228 (1897).

Forelegs of male with fringes of hair on inner side of coxæ and basal two-thirds of femora; forewing with the costa fringed with long hair on underside on basal two-thirds. Head, thorax and abdomen pale greenish tinged with rufous and irrorated with black, the last with black segmental bands; genital tufts of male white. Forewing pale greenish sparsely irrorated with black, the costal area tinged with rufous, an oblique subbasal black and white striga from costa; an antemedial line angled below costa, then oblique; the postmedial line black defined by white on outer side, minutely waved, angled outwards at veins 7 and 4, and inward in discal fold, then oblique; an indistinct waved whitish subterminal line with black points on its inner side and crossed by blackish streaks, at costa, discal and submedian folds; terminal line black interrupted at the veins. Hindwing pale greenish sparsely irrorated

with black; indistinct dark subbasal and antemedial lines; a prominent postmedial black line excurved below costa and slightly angled inwards in discal fold; a dentate whitish subterminal line with diffused black on its inner edges; a fine terminal black line interrupted at the veins; cilia of both wings blackish intersected with luteous.

*Habitat*.—Sikhim; Bhutan; Khâsis; Ceylon, Pattalam, Nawalapitiya. *Exp.* 18-22 mill.

3755. GYMNOSELIS POLYCLEALIS, del. EUPITHECIA ATTENUATA.

Genus HYBRIDONEURA.

*Hybridoneura*, Warr. Nov. Zool. V., p. 24 (1898).

*Type*—*H. abnormis*, Warr.

*Range*—Assam.

Proboscis fully developed; palpi oblique, extending hardly the length of head, the third joint porrect, frons with tuft of scales; antennæ fasciculate



*Hybridoneura abnormis* ♂  $\frac{3}{8}$ .

(mid and hind tibiæ wanting); abdomen with dorsal tufts. Forewing with veins 2 from near angle of cell; 3, 4 from angle, male with a patch of naked membrane between veins 2 and 4 and vein 3 distorted; 5 from middle of discocellulars; 6 from upper angle; 7, 8, 9 stalked; 10, 11 stalked, anastomosing with 7, 8, 9, so as to form a minute areole; then 11 anastomosing with 12. Hindwing with vein 2 from middle of cell; 3, 4 from angle; 5 from above middle of discocellulars; 6, 7 on a long stalk and bent downwards towards termen; 8 from near end of cell.

3755a. HYBRIDONEURA ABNORMIS, Warr. Nov. Zool. V., p. 24.

♂ Dull greenish, very strongly irrorated with black. Forewing with traces of numerous waved lines; a subbasal black line more strongly developed; a black discoidal bar and a spot between bases of veins 3 and 4; a more distinct pale waved subterminal line. Hindwing with black discoidal bar and antemedial, postmedial and subterminal diffused black lines.

*Habitat*.—Khâsis. *Exp.* 22 mill.

3756. CHLOROCLYSTIS PALPATA, insert (ab.) *decolorata*, Warr. Nov. Zool. VII., p. 109.

3762b. CHLOROCLYSTIS OLIVATA, Warr. Nov. Zool. VIII., p. 196.

Male with a large patch of androconia on underside from in and beyond lower angle of cell to inner margin; hindwing with a large patch in cell on upside, vein 3 from long before angle of cell.

♂ Head and thorax dull olive-green; abdomen brownish-grey. Forewing dull olive-green, irrorated with fuscous; obscure oblique antemedial and medial waved dark lines with fuscous suffusion between them; a postmedial line angled at upper angle of cell and with some dark suffusion on its inner side from costa to lower angle of cell, then reduced to points on the veins and incurved; an indistinct waved subterminal line; a terminal series of black

striae. Hindwing pale brownish-grey, the patches of androconia dark fuscous brown.

*Habitat.*—Bhutan ; S. India ; Ceylon, Maturatta. *Exp.* 20, 22 mill.

3763d. CHLOROCLYSTIS DEBILIATA, Hübn. Eur. Schmett. Geom., f. 466 (1827) ; Breyer Ann. Soc. Belge. 1863, p. 27, pl. I., f. 3 (larva), Staud. Cat. Lep. Pal., p. 320.

Pale greenish, irrorated with black ; palpi blackish at sides ; abdomen with black patch on second segment and the dorsal crests black ; wings more or less strongly suffused with fuscous. Forewing with punctiform subbasal line angled below costa, then oblique ; a similar antemedial line ; a discoidal spot placed on an indistinct medial line angled at upper angle of cell, then oblique ; a punctiform postmedial line obtusely angled at veins 6 and 4, then oblique ; the terminal area suffused with brown and with an indistinct pale dentate subterminal line angled outwards at vein 7 ; a fine black terminal line interrupted at the veins ; cilia chequered pale and fuscous. Hindwing with obscure diffused oblique subbasal and antemedial lines ; a discoidal spot ; an indistinct medial line ; a punctiform postmedial line excurved at median nervules ; the terminal area tinged with brown and with an indistinct pale waved subterminal line ; a terminal series of black points ; cilia chequered pale and fuscous.

*Habitat.*—Europe ; Urals ; Amur ; Tibet, Yatong. *Exp.* 22 mill.

*Larva* green ; the ventral surface and segmental joints yellowish ; head brown.

Food plant—*Vaccinium myrtillus*.

3764a. CHLOROCLYSTIS PICTA, Warr. Nov. Zool. VIII., p. 30.

♂ Head and thorax black mixed with grey ; pectus, legs and abdomen ferruginous, the last with some black at base, a subbasal series of points and lines on the two terminal segments. Forewing black-brown, the inner margin pale ferruginous ; traces of numerous waved dark lines ; a black discoidal point with a waved white line just beyond it bent outwards below costa ; a dull rufous patch beyond the cell, the veins crossing it streaked with black ; a minutely waved curved postmedial white line with pale ferruginous patch beyond it on costa ; an indistinct waved white subterminal line and a pale ferruginous spot at middle of termen. Hindwing pale ferruginous ; a black discoidal point ; traces of waved rufous lines on terminal half with black points in the veins. Underside fuscous ; forewing with some white in cell, a black discoidal point, a white subterminal band excurved at middle and connected with middle of termen by a streak ; hindwing with the basal area whitish, a black discoidal point, a curved white subterminal band.

*Habitat.*—Khásis, *Exp.* 18 mill.

3768a. CHLOROCLYSTIS RECTARIA, n. sp.

♂ Head, thorax and abdomen clothed with grey and dull rufous scales. Wings grey and dull rufous, irrorated with large black scales. Forewing with waved grey antemedial, medial, postmedial and subterminal line, the postmedial angled inwards in discal fold. Hindwing with indistinct waved grey

lines; cilia dull rufous; termen straight; the underside uniform fuscous suffused with grey.

*Habitat*.—Ceylon, Matale (Pole). *Exp.* 14 mill. *Type*—In B. M.

3771a. CHLOROCLYSITS LANIARIS, insert (syn.) *Micrulia tenuilinea*, Warr. Nov. Zool. III., p. 391.

♂ With large tufts of pale and fuscous hair on underside of hindwing at lower end of cell and anal angle.

(*Ætheolepis*). Hindwing of male with the terminal part rounded, the apical part of costa and tornus slightly curled over on upperside; the upperside clothed with thick rough scales; the inner area reduced, very narrow and fringed with long hair.

3773a. CHLOROCLYSTIS PAPILLOSA, Warr. Nov. Zool. III., p. 124 and VI. p. 68 (part).

Pale yellow-green; antennæ ringed with black; thorax strongly irrorated with black. Forewing with some blackish suffusion on antemedial area except towards costa, traversed with some obscure pale waved lines; a patch of ferruginous and fuscous in and beyond end of cell traversed by the treble waved whitish postmedial line which is bent outwards below costa; some fuscous striæ in the cilia. Hindwing pale brownish.

*Habitat*.—Sikhim; Khâsis. *Exp.* 22 mill.

The specimen marked as the type was *C. coronota*, Hübn., which also occurs in the same region, but the description was evidently taken in part from this insect.

3779a. EUPITHECIA EUROTOSOMA, n. sp.

♀ Pale dull olive-green; abdomen with the terminal segments from middle of third segment and ventral surface pale ferruginous. Forewing with traces of antemedial, medial and postmedial lines excurved below costa, and two rather more distinct waved subterminal lines; a black discoidal bar. Hindwing with traces of curved postmedial and subterminal lines. Underside pale; both wings with discoidal bar and curved diffused fuscous postmedial and subterminal lines.

*Habitat*.—Ceylon, Bogawantalawa (Pole). *Exp.* 18 mill. *Type*—In B. M.

3784b. EUPITHECIA INCURVARIA, n. sp.

Head, thorax and abdomen grey mixed with fuscous brown; tarsi banded with fuscous; abdomen with white basal band. Forewing whitish irrorated with fuscous brown; a diffused obliquely curved subbasal line; three diffused antemedial lines, angled below costa, then oblique and minutely waved; a large discoidal tuft of black scales; the postmedial line defined by white on each side, minutely waved and slightly incurved between vein 6 and submedian fold; a minutely dentate white subterminal line; a black terminal line interrupted at the veins; cilia chequered whitish and fuscous. Hindwing whitish, irrorated with black; a discoidal black point; a subbasal line on inner area; two waved postmedial lines, obsolescent towards costa, and incurved in submedian fold; a dentate white subterminal line defined on each side by fuscous; a terminal black line; cilia chequered white and fuscous.

*Habitat*.—Kashmir, Goorais Valley (Leech). *Exp.* 30 mill. *Type*.—In B. M.

3786a. *EUPITHECIA RUFICORPUS*, Warr. Nov. Zool. IV., p. 230.

♀ Head and thorax grey, palpi and frons blackish; abdomen grey, the dorsum rufous except first segment. Forewing grey, the inner half suffused with pinkish; five diffused fuscous patches on costa; numerous indistinct pale waved lines; some dark specks on median nervure and veins beyond lower angle of cell; the outer area more rufous, with the pale waved submarginal line more distinct and some slight dark streaks towards apex. Hindwing grey with numerous very indistinct waved fuscous lines; both wings with marginal series of black striæ.

*Habitat*.—Khâsis. *Exp.* 20 mill.

3788b. *EUPITHECIA OBLONGATA*, Thnbg. Diss. Ent. I., p. 14, f. 12 (1784).

Staud. Cat. Lep. Pal., p. 308.

White; head, thorax and abdomen partially suffused with pale brown and fuscous; tarsi banded with brown. Forewing with three brownish spots on basal part of costa; traces of a subbasal line; an indistinct antemedial line angled inwards in submedian fold; some brown marks on medial part of inner margin; a black discoidal lunule; three postmedial fuscous lines angled outwards below costa and minutely waved, below vein 4 only represented by some black points on the veins; terminal area pale brown with a dentate white subterminal line expanding into a patch at costa; cilia chequered brown and white. Hindwing with two antemedial brown marks on inner margin; a discoidal point; a double postmedial line excurved from costa to vein 4, then incurved; terminal area brown with dentate white subterminal line; a terminal series of black striæ and series of black points on the cilia.

*Habitat*.—Europe; Western and Central Asia; Persia; Kashmir, Scinde Valley. *Exp.* 28 mill.

*Larva*.—Meyr. Brit. Lep., p. 189.

Green or ochreous; dorsal line and a series of five tridentate marks dull red, orange, darker green or absent. Food-plant, flowers and seeds of *Umbelliferæ* and *Compositæ*, etc.

3789a. *EUPITHECIA THERMOSARIA*, n. sp.

♀ Head and thorax white mixed with pale rufous and grey-green; tarsi banded with fuscous; abdomen grey and fuscous. Forewing white suffused with rufous except on basal area and costal area to the postmedial line; a subbasal black line angled below costa, then oblique; two antemedial lines angled below costa, then oblique and incurved in submedian fold; two medial lines angled below costa, then oblique and excurved in submedian fold; medial part of costa with fuscous patches at the lines; a large black discoidal spot; the postmedial line excurved from below costa to vein 5 and defined by white on outer side, then oblique and represented by short black streaks on the veins; an irregularly dentate white subterminal line slightly defined by fuscous on inner side; a fine terminal line; cilia chequered white and fuscous. Hindwing whitish, the inner and terminal areas suffused with fuscous;

a discoidal spot; subbasal, antemedial and postmedial diffused fuscous lines on inner area; an indistinct waved white subterminal line; cilia chequered white and fuscous.

*Habitat.*—Kashmir, Kokser (McArthur, Thompson.) *Exp.* 30 mill. *Type*—In B. M.

3799c. TRICHOPTERIGIA MULTIPUNCTATA, n. sp.

♂ Head and thorax pale pinkish suffused with olive-yellow; antennæ ringed with black; palpi blackish at sides; fore tibiæ and tarsi ringed with black; abdomen whitish. Forewing pinkish-grey with numerous olive yellow and fuscous lines with series of black points on them; one subbasal line, two antemedial, three on medial area followed by two others at end of cell, then two series of points on very indistinct lines; a double postmedial line and highly waved subterminal line with short streaks on the veins beyond it; a series of terminal points arranged in pairs. Hindwing white, the termen tinged with brown.

*Habitat.*—Sikkim, 7000' (Pilcher.) *Exp.* 44 mill. *Type*—In B. M.

3802a. TRICHOPTERYX POLYSTICTARIA, n. sp.

♂ Grey white; head, thorax and abdomen tinged and irrorated with fuscous. Forewing tinged with fuscous-brown and irrorated with fuscous, the veins with series of black points; an indistinct subbasal line angled at median nervure; two indistinct, slightly waved and curved antemedial lines with the area between them rather whiter; a minutely waved postmedial line strongly excurved from costa to vein 4, then incurved and with some whitish on its inner side; an indistinct whitish minutely dentate subterminal line with short black streaks on its inner side above veins 4 and 5; a terminal series of pairs of black points on each side of the veins. Hindwing white; a discoidal point; traces of a minutely waved, curved postmedial line; a curved subterminal line with the area beyond it rather browner; a fine terminal line and a series of black points at base of cilia.

*Habitat.*—Tibet, Moupin (Kricheldorf); Yatong (Hobson). *Exp.* 38 mill. *Type*—In B. M.

Genus LOBOPHORODES, Nov.

*Type*—*L. undulans*.

Proboscis well developed; palpi minute and not reaching beyond the frons which is rounded; antennæ of male almost simple; hind tibiæ with the medial spurs absent, the male with tuft of hair from femero-tibial joint. Forewing with vein 3 from well before angle of cell; 6 from upper angle; 10 anastomosing with 11, and then with 8, 9 to form the double areole. Hindwing with vein 3 from



*Lobophorodes undulans* ♂ ♀

well before angle of cell; 5 from middle of discocellulars; male with vein 7 from well before upper angle; 8 connected with the cell by a bar beyond

middle, the inner area reduced to a lobe at base; female with vein 7 from near angle of cell; 8 anastomosing with the cell to beyond middle.

3802*b*. LOBOPHORODES UNDULANS, n. sp.

Head, thorax and abdomen clothed with grey, olive-green and black scales. Forewing grey suffused with olive-green, irrorated with black and with numerous waved black lines, three on basal area, two on inner side of the medial greyer band with the discoidal black spot on it, two and a series of black points on its outer edge, and three subterminal with a more or less prominent double black mark on them above middle; a series of short terminal black streaks on the veins and a terminal line with series of black points on it. Hindwing grey-white with discoidal points and indistinct curved postmedial and subterminal lines.

*Habitat*.—Tibet, Yatong (Hobson). *Exp.* 34 mill. *Type*—In B. M.

3823*a*. HYDRELIA AURANTIACA, n. sp. (pl. C., f. 25).

Bright yellow, thickly irrorated with orange-red; wings with the orange-red irroration forming numerous very indistinct waved lines. Forewing with the basal half with some fuscous points on costa and vein 1; some fuscous marks on the veins at end of cell; a postmedial series of short dark streaks on the veins; two obscure series of subterminal dark points and a terminal series of black points. Hindwing with some dark irroration on basal half; some dark points on inner margin; two series of obscure subterminal points and a terminal series of black points.

*Habitat*.—Tibet, Yatong (Bingham, Hobson). *Exp.* 28 mill. *Type*—In B. M.

3826*a*. HYDRELIA RUBRARIA, n. sp.

Brown-red, irrorated with fuscous; frons brown; pectus, legs and ventral surface of abdomen pale. Forewing with antemedial black points on subcostal and median nervures and vein 1; an indistinct curved medial line, the area between it and postmedial line more or less strongly suffused with black, the latter angled outwards at veins 6 and 4, then incurved; an indistinct curved subterminal line with fuscous mark at middle; a terminal series of points. Hindwing with indistinct antemedial dark points on subcostal and median nervures and vein 1; an indistinct medial line angled outwards at vein 3, an obscure subterminal series of points and a terminal series. Underside pale; forewing suffused with fuscous to the postmedial line; hindwing with discoidal point and postmedial line angled at veins 6 and 4.

*Habitat*.—Tibet, Yatong. *Exp.* 28 mill. *Type*—In B. M.

3833*a*. VENUSIA LARIA, Oberth, Et. Ent. XVIII. p. 30 (pl. 3, f. 34).

Grey; head, thorax and abdomen irrorated with fuscous and brown, the last with the first segment almost white. Forewing irrorated with fuscous and brown, and with a very slight pinkish tinge; a fine dark curved subbasal line; two double waved antemedial lines with olive and reddish shades in them; a discoidal point and indistinct waved medial line; a waved black postmedial line angled below costa and at vein 3, with a waved brown line beyond it and two similar subterminal lines; the area between veins 3 and 4 tinged with fuscous; a terminal series of black striæ. Hindwing white with



slight discoidal point and four fine waved lines on terminal area, sometimes more or less reduced to points; a terminal series of black striæ.

*Habitat.*—Tibet, Yatong. *Exp.* 26 mill.

3833*b*. VENUSIA PALLIDARIA, n. sp.

♂. White, tinged with ochreous. Forewing with oblique rufous subbasal striga from costa; an antemedial rufous line bent inwards to costa, then nearly erect; a slightly oblique postmedial line diffused on inner side, slightly incurved below costa and at median nervules and with some dark points on the veins; two indistinct subterminal lines, the inner sinuous. Hindwing with medial diffused rufous line and two indistinct subterminal lines, the inner waved.

*Habitat.*—Punjab, Thundiani (Yerbury). *Exp.* 30 mill. *Type*—In B. M.

3835*a*. VENUSIA CONISARIA, n. sp.

♂. Grey; head and thorax thickly irrorated with fuscous; abdomen with slight segmental lines. Forewing strongly irrorated with brown; indistinct double waved subbasal and antemedial lines; a black discoidal spot; an indistinct medial double waved postmedial line angled below costa, the latter with black points on the veins; a double crenulate subterminal line with black points on the veins; a terminal series of black points. Hindwing whitish with indistinct double postmedial and more distinct double subterminal waved lines; a terminal series of black striæ.

♀. With the irrorations much stronger and black; hindwing usually with discoidal point and sometimes with waved antemedial lines.

*Habitat.*—Tibet, Kuku-noor, Yatong (Hobson). *Exp.* 32 mill. *Type*—In B. M.  
3835*b*. VENUSIA OCHROTA, n. sp. (Pl. C. f. 5).

♂. Ochreous-yellow; head tinged with rufous; antennæ with black rings above. Forewing with the costal area suffused with rufous; slightly waved yellowish ante- and postmedial lines with slight dark marks on them at costa and inner margin; both wings with dark discal point, a diffused spot at lower angle of cell, and terminal series of black points.

*Habitat.*—Tibet, Yatong (Hobson). *Exp.* 30 mill. *Type*—In B. M.

3840*a*. CAMBOGIA INGRATARIA, Warr. Nov. Zool. V. p. 23.

♂. Brown suffused with silvery grey scales; head chocolate; antennæ with the basal half of shaft above and a line between their bases white; wing with numerous indistinct minutely waved dark lines. Forewing with six of the lines more prominent; an ochreous discoidal point; hindwing with three more prominent lines and ochreous discoidal point; termen and cilia of both wings bright yellow with minutely waved inner edge, the cilia being intersected with brown at vein 3 of forewing.

*Habitat.*—Khásis. *Exp.* 26 mill.

3843. CAMBOGIA MARGINATA, insert pl. XXXII. f. 16 and (syn.) *Chalybolydon flexilinea*, Warr. Nov. Zool. V., p. 22.

Genus ASTHENIODES, Nov.

*Type.*—*A. polycymaria*, Hmps. n.

Palpi porrect extending just beyond the frons which is smooth and rounded; antennæ ciliated; hind tibiæ with two pairs of spurs. Forewing with vein 3 from well before angle of cell; 6, 7, 8, 9 stalked; 10 anastomosing with 11 and then with 8, 9 to form the double areole. Hindwing with vein 3 from well before angle of cell; 5 from well below angle of discocellulars; 6, 7 shortly stalked.



*Astheniodes polycymaria* ♂ 1

*Section I*—Hind tibiæ with the outer medial spur minute, the claspers of male very elongate; forewing with the apex produced and acute; hindwing with the termen angled at middle.

3851a. *ASTHENIODES POLYCYMARIA*, n. sp.

♂. Grey, thickly irrorated with brown; head and thorax suffused with fuscous; a white band between antennæ. Forewing with traces of numerous waved lines; the antemedial line slightly more distinct; a discoidal point; the postmedial line of both wings dentate, defined by whitish on outer side and with some diffused fuscous on inner side. Hindwing with the basal area thinly scaled.

*Habitat*.—"India." *Exp.* 30 mill. *Type*—In B. M.

*Section II*—Hind tibiæ with the outer medial spur about half length of inner spur; forewing with the apex, hindwing with the termen rounded; the areole usually very elongate.

3851b. *ASTHENIODES ARGENTIPLUMBEA*, n. sp. (Pl. C., f. 24).

♀ Silvery-grey; head and thorax largely mixed with black; abdomen dorsally banded with black. Forewing with diffused basal and subbasal black lines; two fine waved antemedial lines; the medial area suffused with fuscous defined by fine waved black lines with series of black points at the veins and with discoidal point and waved black line on it; a fine waved postmedial line with dark suffusion beyond it on apical area and towards tornus; a subterminal series of black points and a fine black terminal lines. Hindwing greyish-white with discoidal point and two indistinct postmedial and a submarginal line more prominent below; a fine terminal line and series of points on the cilia.

*Habitat*.—Tibet, Yatong (Hobson); Bhutan (Dudgeon). *Exp.* 34 mill. *Type*—In B. M.

4852a. *STAMNODES ELWESI*. Alph. Deutsch Ent. Zeit. Lep., VIII, p. 202 (pl. C., f. 16).

♂. Dark brown slightly irrorated with white; abdomen with whitish segmental lines. Forewing with oblique white antemedial, medial and postmedial quadrate spots on costa; some slight pink marks in cell below the first spot; the whole discal area bright pink extending into the cell and up to the medial and postmedial spots on costa and almost reaching the termen and inner margin, a small white spot on costa before apex. Hindwing with slight subterminal pink marks on costal half of wing. Underside of forewing

with white striæ on the costal area. Hindwing largely mottled and striated with white, forming an irregular subterminal band expanding towards costa ; a terminal pale red-brown band with waved inner edge.

*Habitat*—Tibet, Yatong ; Sikkim. *Exp.* 38 mill.

## ACIDALIANÆ.

3564a. CRASPEDIA POLYSTIGMARIA, n. sp.

♂. Ochreous-white ; frons and a line at back of head black. Forewing sparsely irrorated with black ; traces of a curved subbasal line and of an oblique antemedial line from origin of vein 2 to inner margin ; a black discoidal point ; a diffused very oblique postmedial line ; a fine slightly curved subterminal line with a series of black spots beyond it rather larger towards inner margin. Hindwing with oblique antemedial line a black discoidal point ; a slightly curved and minutely waved postmedial line with a series of black spots beyond it obsolescent towards costa ; the termen highly angled at vein 4.

*Habitat*—Kashmir Rajaori (Leech). *Exp.* 26 mill. *Type*—In B. M.

3866. CRASPEDIA ADDICTARIA insert PULCHELLATA, Fabr. Ent. Syst. III 2, p. 171 (1794) which has priority.

3866a. CRASPEDIA BISPURCATA, Warr. Nov. Zool. V, p. 239.

Ochreous-white irrorated with black ; palpi and frons black ; neck with olive-brown rings. Forewing with pale brown curved dentate antemedial line, oblique towards inner margin ; a discoidal black point with a pale brown dentate line just beyond it, angled at vein 6, then oblique ; a postmedial dentate line oblique from costa to vein 6 where it is angled, incurved and with black patches on it below vein 6 and on inner area ; a pale waved subterminal line ; a terminal series of black points. Hindwing with the termen crenulate and hardly angled ; a slightly sinuous pale brown antemedial line ; a black discoidal point ; a crenulate postmedial line and a pale waved subterminal line ; a terminal series of black points.

*Habitat*—Khâsis. *Exp.* 26 mill.

3883. CRASPEDIA REMOTATA, insert (syns.) *Craspedia furfurata*, Warr. Nov. Zool. IV., p. 218 (ab.) *subcarnea*, Warr. Nov. Zool. VII., p. 104, and *Craspedia atridiscata*, Warr. Nov. Zool. IV., p. 217, a form with large discoidal black points and the two outer submarginal lines obsolescent.

*Page* 436. Under ACIDALIA insert *Strophophila*, Warr. Nov. Zool. IV., p. 225, for Sect. I. B. 6.

3896a. ACIDALIA RUFARIA, Hübn, Eur. Schmett. Geom. f. 112.

Ochreous suffused with rufous ; palpi and frons red-brown ; wings irrorated with a few large dark scales. Forewing with slightly curved rufous antemedial line ; a black discoidal point ; a somewhat diffused medial line excurved from costa to vein 4, then incurved ; a fine oblique postmedial line slightly excurved between veins 5 and 3 and with two somewhat diffused minutely waved lines beyond it ; a fine terminal line. Hindwing with black discoidal point, a slightly curved, somewhat diffused medial line ; a fine postmedial line slightly angled outwards at veins 6 and 4 ; two diffused, minutely

waved subterminal lines ; a fine terminal line.

*Habitat*.—Europe ; Syria ; C. Asia ; Kashmir, Goorais Valley. *Exp.* 26 mill.  
3896*b*. ACIDALIA CARPHERARIA, n. sp.

♂. Bright straw-yellow ; frons black. Forewing with slight dark irroration on base of costal area, a discoidal black point ; traces of diffused slightly sinuous postmedial and subterminal lines. Hindwing with discoidal black point and traces of diffused sinuous postmedial and subterminal lines ; cilia of both wings sometimes with series of minute points. Underside of forewing slightly suffused with fuscous to the subterminal line.

♀. Wings sparsely irrorated with fuscous ; forewing narrower, the apex produced and acute.

*Habitat*.—Kashmir (Pilcher), Chamba. *Exp.* 18-22 mill.

3896*c*. ACIDALIA PERPULVEREA, n. sp.

♀. Brownish-grey thickly irrorated with dark brown ; palpi and frons black. Forewing with rather indistinct waved antemedial line incurved in submedian interspace ; a prominent black discoidal spot ; an indistinct waved line from lower angle of cell to inner margin ; the postmedial line slightly waved, excurved between veins 7 and 2. Hindwing with discoidal point ; traces of a waved line from lower angle of cell to inner margin ; the postmedial line minutely waved, oblique from costa to vein 3, then incurved ; both wings with series of dark points at base of cilia.

*Habitat*.—Kashmir, Goorais Valley (Leech). *Exp.* 24 mill. *Type*.—In B. M. 2900. ACIDALIA ACTIOSARIA, insert (syn.) *Ptychopoda comparanda*, Warr. Nov. Zool. VII., p. 107, an olive-ochreous form from Ceylon.

3900*b*. ACIDALIA ÆQUISINUATA, Warr. Nov. Zool. V., p. 242.

Olive-ochreous with a slight rufous tinge ; palpi at tips and frons black. Forewing with the costal edge dark ; an indistinct sinuous antemedial line : a black discoidal point ; a medial line excurved round end of cell ; the postmedial line excurved from below costa to vein 2 and with a dark patch beyond it on inner area ; a pale sinuous subterminal line and a terminal series of dark striæ. Hindwing with sinuous antemedial line with the black discoidal point just beyond it ; a sinuous postmedial line excurved beyond lower angle of cell, the terminal area irrorated with fuscous with a dark spot at apex.

*Habitat*.—Bhutan ; Khâsis. *Exp.* 22 mill.

3901*a*. ACIDALIA MARMORATA, n. sp.

♂. Head and thorax ochreous ; palpi and frons black ; abdomen pale ochreous, dorsally suffused with fuscous. Forewing pale silky ochreous ; the costa deeper ochreous ; the basal area suffused with black excurved from costa to below median nervure ; ill-defined irregularly sinuous medial and postmedial blackish bands, the latter diffused outwards to termen at middle and tornus. Hindwing pale silky ochreous ; an indistinct waved fuscous medial band connected at middle by a patch with the waved postmedial band ; both wings with the cilia deep ochreous with a series of black points.

*Habitat*.—Cuddapah, Jammalamaduga, 750' (W. H. Campbell). *Exp.* 24 mill. *Type*—In B. M.

3906. ACIDALIA INSUAVIS, insert (syn.) *Strophophila informis*, Warr. Nov. Zool. IV., p. 225.

The male has a fold and fringe of hair on inner area of hindwing below.

3907. ACIDALIA HOLOSERICATA, insert (syns.) *Ptychopoda decidua*, Warr. Nov. Zool. VIII., p. 107, and *Ptychopoda delicatula*, Warr. Nov. Zool. VIII., p. 24.

3907b. ACIDALIA INDETERMINATA, Warr. Nov. Zool. VIII., p. 25.

♀ Ochreous-white, strongly irrorated with dark brown; frons black. Forewing with traces of antemedial and medial diffused oblique dark lines; a black discoidal point; a minutely dentate blackish postmedial line sometimes with diffused dark band on its outer side with irregularly sinuous outer edge; a series of black points at base of cilia. Hindwing with traces of medial line; a black discoidal point; two indistinct waved postmedial and a subterminal line.

*Habitat*.—Simla; Tibet, Yatong. *Exp.* 24 mill.

3907c. ACIDALIA CONIOPTERA, n. sp.

Grey-white, very thickly irrorated with fuscous brown; frons black. Forewing with indistinct antemedial line angled outwards below costa, then oblique; a discoidal point; an oblique dentate slightly curved postmedial line; traces of a diffused subterminal line; cilia whitish with prominent series of dark points. Hindwing with indistinct oblique subbasal and antemedial lines; a black discoidal point; a somewhat dentate postmedial line angled outwards below costa and incurved in discal fold; traces of a diffused subterminal line; the termen sinuous with a fine dark line; cilia whitish with prominent series of dark points.

The areole of forewing often minute.

*Habitat*.—Kashmir, Kujjar (McArthur). *Exp.* 20-24 mill. *Type*—In B. M.

3911b. ACIDALIA PULCHRIFASCIA, n. sp. (Pl. C., f. 13.)

♀ Differs from *gemmaria* in the ground color being slightly tinged with brown; abdomen concolorous. Forewing with discal point; the band much narrower, its inner edge straight and blackish, its outer edge less produced below vein 2. Hindwing with the band narrower; its edges nearly straight, the discal spot conjoined to the band.

*Habitat*.—Sikkim, 1800' (Dudgeon). *Exp.* 22 mill. *Type*—In B. M.

3911c. ACIDALIA METHEMARIA, n. sp.

♀ Head and thorax brownish ochreous; palpi and frons black; abdomen fuscous, reddish towards base. Forewing brownish ochreous, the inner area suffused with dull red and irrorated with a few darker red scales; the antemedial line represented by a dark red spot in submedian fold; the postmedial line sinuous, excurved between veins 4 and 2 and with purplish-fuscous suffusion beyond it becoming obsolete towards costa. Hindwing ochreous; the basal half strongly irrorated with blood-red; a dark discoidal

point; the postmedial line sinuous, excurved between veins 4 and 2, with an ochreous band on its inner side and the area beyond it suffused with purplish-fuscous; cilia ochreous.

*Habitat*.—Sikkim 2,800' (Pilcher). *Exp.* 16 mill. *Type*—In B. M.

3918. CHRYSOCRASPEDA PLUMBEOFUSA, insert (syn.) *Chrysocraspeda gibbosa*, Warr. Nov. Zool. IV., p. 370.

3918b. CHRYSOCRASPEDA CROCEICINCTA, n. sp. (Pl. C., f. 22).

♀ Purple-red; palpi and frons pale brown; vertex of head and shaft of antennæ white; abdomen with the anal tuft and ventral surface ochreous. Forewing with series of white points on costa; very indistinct ante- and postmedial lines, the latter incurved below vein 3; termen and cilia orange, the red extending to termen at apex and as teeth on veins 2, 3, 4. Hindwing with the termen and cilia orange, the red extending to termen as teeth on the veins.

*Habitat*.—Ceylon, Kandy (Pole). *Exp.* 16 mill. *Type*—In B. M.

3920a. CHRYSOCRASPEDA RUBRIFUSCARIA, n. sp.

♀ Head, thorax and abdomen reddish-brown; vertex of head white. Forewing dull pink, the costal and terminal areas suffused with fuscous-brown, leaving the costal edge and termen pink; cilia orange-yellow. Hindwing with the basal half dull pink, the terminal half fuscous-brown; the termen pink; the cilia orange-yellow. Underside pale grey-brown.

*Habitat*.—Ceylon (Mackwood). *Exp.* 20 mill. *Type*—In B. M.

3926. ANISODES OBRINARIA, del. *Caligata similaria* and *suspiciaria*.

3928b. ANISODES SUSPICARIA, Snell. Tijd. V. Ent. XXIV., p. 80, pl. 8, f. 6.

♂ Hind tibiæ with the medial spurs absent, the hind femora with tufts of curled pink hair above.

Color and markings similar to *A. obrinaria*.

*Habitat*.—Ceylon, Haputala, Khàsis, Celebes, Saugir. *Exp.* 36 mill.

3931a. ANISODES SIMILARIA, Wlk. XXVI., 1582.

„ *caligata*, Wlk. XXVI., 1584.

Hind tibiæ of male with the medial spurs absent.

Color and markings similar to *A. obrinaria*; hindwing with the discoidal spot smaller.

*Habitat*.—Ceylon; Moulmein; Penang. *Exp.* 28 mill.

3932. ANISODES PALLIDA insert (syn.) *Perixera rufanularia*, Warr. Nov. Zool. IV., p. 221.

3947a. ERYTHROLOPHUS POSTLINEATA, Warr. Nov. Zool. VI., p. 335.

Hind legs of male reduced, the tibia dilated with a tuft of hair from base and fringed with scales on outer side; the spurs absent.

♂ Nearly pure white; palpi above and vertex of head, antennæ and forelegs fulvous; wings irrorated with brown scales. Forewing with the costal edge pale fulvous; a black discoidal point; both wings with an oblique straight pale fulvous postmedial line with a slightly sinuous line beyond it and two minutely waved subterminal lines.

♀ Both wings with the second postmedial line absent.

*Habitat*.—"India." *Exp.* ♂ 26, ♀ 30 mill.

Genus LEPTOSIDIA, Nov.

Proboscis fully developed ; palpi upturned short, slender, the second joint



*Leptosidia aræaria* ♂  $\frac{1}{1}$

with loose hairs ; frons nearly smooth ; antennæ of male with two pairs of short, slender branches, ending in fascicles of cilia, to each joint ; legs slender, hind tibiæ with the outer medial spur absent ; wings slender. Forewing with the termen oblique ;

vein 3 from well before angle of cell ; 5 from middle of discocellulars ; 6 from areole ; 10 anastomosing with 11 and then with 8, 9 to form a double areole. Hindwing with vein 3 from well before angle of cell ; 5 obsolescent from middle of discocellulars ; 6·7 stalked ; 8 touching subcostal nervure near base, then diverging.

3957b. LEPTOSIDIA ARÆARIA, n. sp.

♂ Grey irrorated with brown. Forewing with the costal area slightly tinged with ochreous ; dentate brownish antemedial, medial and postmedial lines, the first slightly curved, the second angled outwards below costa and at vein 4, then incurved, the third oblique and incurved in discal fold ; a small discoidal spot. Hindwing less strongly irrorated ; a small discoidal spot ; an indistinct medial line from cell to inner margin and dentate postmedial line incurved between veins 7 and 4 ; both wings with fine dark terminal line.

*Habitat*.—Kashmir, Narkundah (McArthur), Goorais Valley (Leech) ; Kangra Valley (Dudgeon). *Exp.* 38 mill. *Type*.—In B. M.

3965a. RHODOSTROPHIA SUBRUFÀ, Warr. Nov. Zool. IV., p. 224.

♂. Ochreous grey thickly irrorated and suffused with dull pink ; both wings with discoidal dark points, traces of oblique straight medial line and sinuous submarginal line more distinct on underside.

*Habitat*.—Simla. *Exp.* 28 mill.

3968a. RHODOSTROPHIA POLIARIA, n. sp.

Grey-white irrorated with brown ; palpi and frons chestnut ; head and tegulæ sometimes tinged with dark pink. Forewing with brown antemedial line angled outwards in cell and submedian folds ; a prominent small discoidal spot ; the postmedial line oblique, sinuous, bent outwards to inner margin, dentate at the veins and with the area between it and subterminal line usually suffused with brown, this line being minutely waved and incurved in discal and submedian folds. Hindwing tinged with brown ; a dark discoidal point, a rather indistinct, nearly straight postmedial line and minutely waved subterminal line incurved to costa.

The costal area of forewing, the postmedial band and cilia of both wings sometimes tinged with pink.

*H. c.* at.—Kashmir, Goorais Valley (Leech). *Exp.* ♂ 40, ♀ 36 mill. *Type*—In B. M.

3968b. RHODOSTROPHIA PULVEREARIA, n. sp.

♂. Ocreous white; palpi and frons chocolate. Forewing thickly irrorated with brown, an indistinct fine oblique antemedial line; a discoidal black point; an oblique postmedial line; a fine minutely dentate subterminal line; a fine terminal line. Hindwing irrorated with brown except towards costa; a discoidal point; a medial line from vein 3 to inner margin; a curved minutely waved subterminal line; a fine terminal line.

*Habitat.*—Simla (Nurse). *Exp.* 34 mill. *Type*—In B. M.

3975. PROBLEPSIS DELTARIA, insert (syn.) *Problepsis albidior*, Warr. Nov. Zool. VI., p. 33.

GEOMETRINÆ.

4011a. PSEUDOTERPNA OCELLATA. Warr. Nov. Zool. VI., p. 207.

♀. Whitish irrorated with deep purple and variegated with dull green; palpi and frons black; wings striated with purple; an oblique green patch on basal area; traces of a curved antemedial line; both wings with large oblique elliptical discoidal annulus; diffused curved and somewhat sinuous green postmedial, submarginal and marginal lines. Underside white, orange at base; forewing with two purple spots on basal area, the upper in cell small; both wings with large purple discoidal spots and postmedial and submarginal prominent bands somewhat angled at middle and the latter diffused outwards to the margin in places.

*Habitat.*—Khâsis. *Exp.* 56 mill.

4019a. PSEUDOTERPNA SUBSIMILIS, Warr. Nov. Zool. V., p. 232.

♂ Differs from *subrosea* in the dorsal tufts of abdomen being green. Forewing greener with the lines hardly traceable and not approximated on inner margin. Hindwing with the base only pale, the rest of wing pale pink mottled with fuscous; some green on termen from above middle to near tornus. Underside of forewing with fuscous line beyond the cell between vein 6 and submedian fold.

*Habitat.*—Sikhim. *Exp.* 54 mill.

4025a. PSEUDOTERPNA ELÆARIA, n. sp.

Head and thorax sap-green; palpi and lower part of frons ochreous; legs irrorated with fuscous; abdomen sap-green irrorated with fuscous; wings ochreous, almost entirely covered by sap-green striations and mottlings. Forewing with black striæ on costa; antemedial indistinct pale rufous spots irrorated with black below cell and on inner margin; a black discoidal point; a dentate green postmedial line defined by grey on outer side, angled outwards below costa, then oblique and with pale rufous black-irrorated patches beyond it between veins 6 and 4 and 3 and inner margin; a dentate grey subterminal line; a terminal series of small black lunules. Hindwing with black discoidal point; a dentate postmedial green line with black points on the veins and defined by grey on outer side; a waved grey sub-



terminal line; a terminal series of small black lunules. Underside of both wings pale orange-yellow with round black discoidal spots and broad outwardly diffused fuscous-black postmedial band; terminal area greyish irrorated with fuscous.

*Habitat*.—Sikhim; Khásis. *Exp.* 66 mill. *Type*—In B. M.

Page 487. Under ULIOCNEMIS insert *Chlorostrota*, Warr. Nov. Zool. IV, p. 36 (1897), for Sect. III.

4054. ULIOCNEMIS ALBIVIRIDIS insert (syn.) *Chlorostrota præampla*, Warr. Nov. Zool. IV, p. 36.

4076a. GEOMETRA RUFIFRONTARIA, n. sp.

♂ Antennæ serrate and fasciculate; hind tibiæ dilated with a fold containing a tuft of long hair; forewing with vein 11 anastomosing with 7, 8, 9, 10, to form an areole.

Sap-green; palpi and frons red-brown; pectus and legs whitish. Forewing with indistinct minutely waved antemedial, postmedial and subterminal darker green lines and small discoidal spot; costal edge brownish. Hindwing with whitish points at angles of cell and minutely waved postmedial and subterminal lines. Underside whitish, the costal area of forewing rufous.

*Habitat*.—Calicut (Fellows-Wilson). *Exp.* 22 mill. *Type*—In B. M.

4082. EUCHLORIS INDUCTARIA insert (syn.) *E. subhyalina*, Warr. Nov. Zool. IV, p. 9.

4089a. EUCROSTES CYMARIA, n. sp.

♂ Head, thorax and abdomen white, the thorax tinged with green; a red band above frons. Forewing bright yellow green; the costa white; the veins streaked with white; a highly waved antemedial white line; an oblique discoidal bar; an oblique minutely waved postmedial white line from below costa to inner margin beyond middle. Hindwing paler green with white discoidal point and curved postmedial line; cilia of both wings white.

*Habitat*.—Simla, 7,000' (Pilcher). *Exp.* 28 mill. *Type*—In B. M.

4119a. THALASSODES PICTURATA, n. sp. (Pl. C., f. 7.)

♂ Head, thorax and abdomen dark brown variegated with ferruginous and white scales; palpi white in front; upper edge of tegulæ deep green; legs brown and white; pectus, ventral surface of abdomen and anal tuft white. Forewing white, the costal area to beyond middle and to median nervure grey brown striated with dark brown and irrorated with white and black scales; some coppery scales near base and on middle and extremity of median nervure; an antemedial sinuous excurved black line with blue-grey on its inner side from costa to median nervure; a similar dentate postmedial line with the blue-grey beyond it; a white-striated medial green band from median nervure to inner margin towards which it is dilated; a similar dentate patch below end of cell; some copper and green below costa towards apex; some green irroration on termen below vein 6 and from vein 3 to tornus;

a coppery and brown mark between vein 2 and inner margin near tornus; some green points on termen. Hindwing white blotched with green except on costal area on subterminal area down to vein 3 and on inner area from middle to near tornus; a green discoidal point; some brown and coppery scales on inner area towards tornus and on a greyish subterminal band from costa to vein 3. Underside white with black subterminal spots on forewing above vein 4 and towards tornus, and forming a broken band on hindwing.

*Habitat.*—Ceylon, Gampola (Mackwood) 1 ♂ type. *Exp.* 32 mill. *Type*—In B. M.

4125a. *THALASSODES AUREOFULVA*, Warr. Nov. Zool. IV, p. 209.

♂ Head and thorax bright yellow green and white; abdomen white with greenish dorsal patch towards extremity. Forewing yellow-green with blotches of white especially on inner area and on middle of outer margin an indistinct obliquely sinuous antemedial white line; a large olive-fulvous patch on costal area between end of cell and apex crossed by the white post-medial line which is very highly dentate between veins 6 and 3. Hindwing white with some four incomplete waved green lines on outer half. Underside white with large fuscous patch on apical area of forewing and small patch at apex of hindwing.

*Habitat.*—Khásis. *Exp.* 36 mill.

4129a. *THALASSODES HYPOLEUCA*, n. sp. (Pl. C., f. 34.)

♀ Bluish green; palpi white at base, tinged with fuscous at tips, vertex of head white. Forewing with the basal area striated with purplish fuscous; a white discoidal point on a purplish fuscous patch; medial and postmedial series of fuscous points and some striæ between veins 5 and 6; a diffused brownish patch with fuscous striæ on it towards tornus; cilia brownish at base, white at tips. Hindwing with the base purplish fuscous; the green area with some fuscous points, a discoidal spot, a large patch of fuscous striæ on apical area and a smaller patch on inner area before tornus; cilia brown, white at tips. Underside of body, legs, and wings to beyond middle white, the legs with black bands at the joints; the wings with discoidal black points; the green terminal area with fuscous striæ and large fuscous patches at tornus of forewing and apex of hindwing.

*Habitat.*—Burma, Hsipaw (DeNiceville). *Exp.* 50 mill. *Type*—In B. M.

4133a. *THALERA FLAVITINCTA*, Warr. Nov. Zool. IV, p. 211.

♂ Grass-green; frons and forelegs crimson, vertex of head and shaft of antennæ white, the branches brown; abdomen ochreous white. Forewing with the costa ochreous irrorated with black; both wings with fine black marginal line, the cilia yellowish white. Underside whitish, the costa of forewing ochreous.

*Habitat.*—Khásis. *Exp.* 46 mill.

4134a. *THALERA ALBIPUNCTA*, Warr. Nov. Zool. V, p. 13.

♂ Pale yellow green or grey-green; vertex of head and base of shaft of antennæ, pectus and ventral surface of abdomen white. Forewing with

traces of waved white antemedial line below the cell ; an irregularly dentate subterminal line with white point on it in discal fold and lunulate spot in submedian fold displaced inwards ; a terminal series of white points. Hindwing with irregularly dentate white postmedial line with a white lunule on it displaced inwards in submedian fold ; a terminal series of white points.

*Habitat.*—Khásis. *Exp.* 28 mill.

4138b. THALERA MACULATA, Warr. Nov. Zool. IV, p. 208.

♀ Frons prominent ; forewing with vein 11 touching 12 and 10 but not anastomosing with them.

Yellow green ; palpi at tips, antennæ and marks on legs brown ; wings irrorated with black brown. Forewing with the dark irroration forming a patch at base and a very ill-defined subterminal band developed into a large patch above tornus ; straight ochreous ante—and postmedial lines meeting on inner margin and defined by olive green on medial area ; a black discoidal point. Hindwing with oblique ochreous medial line defined by olive green on inner side ; a patch of dark irroration above tornus.

*Habitat.*—Khásis. *Exp.* 58 mill.

#### PYRALIDÆ.

#### GALLEROANÆ.

#### Genus CORCYRA.

*Corcyra*, Rag. Ent. Mo. Mag., XXII., p. 23 (1885).

Type—*C. cephalonica*, Stn.

Proboscis absent ; palpi of male minute, of female extending about twice

the length of head ; frons with large tuft of hair ; antennæ short, simple, the basal joint with tuft of scales ; tibiæ with the spurs long. Forewing long and narrow ; the cell long ; vein 2 from towards end of cell ;  $\frac{3}{4}$  from angle ; 5 absent ; 6 from upper angle ; 7·8·9 stalked, 7 from 8 beyond 9 ;



*Corcyra cephalonica* ♂  $\frac{3}{4}$ .

10·11 free. Hindwing with vein 2 from close to angle of cell ;  $\frac{3}{4}$  on a long stalk ; 5 absent ; 6·7 stalked, 7 anastomosing with 8.

4141a. CORCYRA CEPHALONICA, Stn. Ann. 1866, p. 147.

Head, thorax and abdomen grey-brown. Forewing grey tinged with brown, the veins streaked with black. Hindwing ochreous grey-brown somewhat darker towards costa.

*Habitat.*—Europe ; West-Indies ; Ceylon, Pundaloya ; Christmas I ; Ké. I. *Exp.* ♂ 24, ♀ 26 mill.

#### Genus PRASINOXENA.

*Prasinoxena*, Meyr. Trans. Ent. Soc., 1894, p. 479.

Type—*P. monospila*.

Palpi of male small, upturned ; of female porrect and extending about length of head ; maxillary palpi minute ; frons smooth ; antennæ short, the 1st joint somewhat curved and long. Forewing short, broad, the apex

rectangular, the termen oblique; the cell long; vein 2 from middle of cell; 3·4·5 from angle; 6 from upper angle; 7·8·10 stalked, 9 absent; 11 from cell; the underside clothed with yellow auroconia. Hindwing with the cell open; veins 2·3·5 stalked, 4 absent; 6·7 stalked, 7 anastomosing with 8; the inner area with a fold on underside enclosing a tuft of long hairs.

4141*b*. PRASINOXENA MONOSPILA, Meyr. Trans. Ent. Soc. 1894, p. 480; Rag. Rom Mem., VIII, pl. 54, f. 14.

Head and thorax green; abdomen yellow. Forewing bright emerald green; a small fulvous-yellow discoidal spot; the costa towards apex and termen with a series of white points, defined by brown; cilia brownish yellow. Hindwing golden yellow, the inner area tinged with brown. Underside of forewing with the cell clothed with yellow scales and hairs.

*Habitat*.—Khásis, S. E. Borneo, Pulo Laut. *Exp.* 14 mill.

4145*b*. TIRATHABA IRRUFATELLA, Rag. Rom. Mem., VIII., p. 462, pl. 43, f. 8.

Head, thorax and abdomen ochreous white. Forewing ochreous somewhat irrorated and suffused with pale brown; traces of an antemedial line acutely angled in cell; a dark point in middle of cell and another on discocellulars; a minutely dentate postmedial line, very oblique from costa to vein 6 where it is angled; a terminal series of points and a dark line through the cilia. Hindwing ochreous white.

*Habitat*.—Japan; Khásis. *Exp.* ♂ 20, ♀ 34 mill.

4150*c*. LAMORIA NIGRISPARSALIS, n. sp.

♂. Forewing without the glandular swelling on costa, the cell clothed with ochreous auroconia on underside.

Head, thorax and abdomen white slightly tinged with brown. Forewing pale brown irrorated with long black scales, a diffused whitish subcostal fascia, the costa darker brown. Hindwing pale brownish.

*Habitat*.—Ceylon, Matale (Pole), Nawalapitya (Green). *Exp.* 26 mill.  
*Type*—In B. M.

4152*c*. EMBRYOGLOSSA BIPUNCTA, n. sp.

Head, thorax and abdomen ochreous, thorax tinged with brown. Forewing ochreous strongly irrorated with purplish fuscous forming diffused streaks in the interspaces; indistinct diffused pink streaks in and below cell, on the veins beyond it and on inner margin; traces of an antemedial dark line angled on median nervure; an indistinct pale postmedial line bent outwards to near termen at vein 6, then dentate and at vein 4 becoming very oblique to inner margin just beyond middle; cilia chequered fuscous and ochreous. Hindwing fuscous; the cilia ochreous chequered with fuscous and with a fine line through them.

*Habitat*.—Khásis. *Exp.* 30 mill. *Type*—In Coll. Rothschild.

#### CRAMBINÆ.

4178*a*. CRAMBUS PHEOSTRIGELLUS, n. sp.

Head and thorax golden yellow; abdomen grey suffused with fuscous, the anal tuft ochreous. Forewing golden orange-yellow; black streaks from

base to near the medial line on and below costa, two in cell and one in submedian interspace; the medial line white defined on each side by black, very oblique from costa to vein 5, where it is strongly angled, then very oblique to inner margin before middle, an oblique striga beyond it from costa and some black scales below the angle; a subterminal white line defined by black on inner side and by a few black scales on outer side, oblique from costa to vein 5 where it is angled; three short black streaks on termen above tornus; a fine brown terminal line and a line at base of cilia which are golden. Hindwing pale fuscous, ochreous white on terminal area and cilia.

*Habitat*.—Kashmir, Goorais Valley (Leech). *Exp.* 20 mill. *Types*—In Coll. Rothschild and B. M.

4185a. *PLATYTES TRICHIALIS*, n. sp.

♀ Head and thorax creamy white; abdomen white strongly tinged with ochreous. Forewing creamy white strongly irrorated with brown hair-like scales, the terminal area tinged with ochreous. Hindwing whitish strongly tinged with brown.

*Habitat*.—Bombay, Nassik (Davidson). *Exp.* 44 mill. *Type*—In B. M.

4199. Should stand as *EROMENE JAXARTELLA*, Ersch. Lep. Turk., p. 82.

It differs from *superbella* in the medial fulvous band being slightly angled inwards to costa.

*Habitat*.—Turkestan; Punjab; Scind.

4202c. *DIATREFA ACULEATA*, n. sp. (Pl. C., f. 15.)

♀ Yellowish white; head and thorax tinged with pale brown; abdomen with the 1st two segments dorsally orange. Forewing with the apex produced and acute; the interspaces of costal and terminal areas streaked with yellowish brown; a black discoidal point; traces of a very obliquely curved postmedial line from costa to lower angle of cell and of a subterminal line; a brown terminal line and two fine lines through the cilia. Hindwing pure white.

*Habitat*.—Sikhim, 2,000' (Pilcher). *Exp.* 20 mill. *Type*—In B. M.

4224a. *ANCYLOLOMIA PECTINATELLA*, Zell. Isis, 1847, p. 747.

Differs from *chrysographella* in the antennæ of male having long uniseriate branches.

*Habitat*.—S. Europe; Belgaum. *Exp.* ♂ 26 mill.

4229a. Antennæ of male laminate.

*CHARLTONA FUSCA*, n. sp. (Pl. C., f. 18.)

♂ Fuscous irrorated with grey; antennæ pale. Forewing with diffused ochreous fascia below median nervure; a marginal series of dark points.

*Habitat*.—Ceylon, Puttalam (J. Pole). *Exp.* 28 mill. *Type*—In B. M.

(To be continued.)