

XIV. — NEW MICRO-LEPIDOPTERA.

BY E. MEYRICK, B. A., F. R. S.

The following descriptions of new genera and species of Micro-Lepidoptera (principally from Java) are drawn from specimens preserved in the collections of the 's Rijks Museum van Natuurlijke Historie, Leiden, which have been submitted to me for study. They afford an interesting insight into this portion of the fauna of Java, which has been little studied hitherto except for a few descriptions by Snellen and van Deventer; 122 new species from Java are here recorded, and nearly an equal number of additional species (mostly forms from Assam or Ceylon) were noted.

PHALONIADAE.

*Clysia ambiguella* Hübn.

Java, Preangor, 5000 feet (Sythoff); 4 specimens, of which two have the dark median fascia widely interrupted in disc, and two have the costal half of the fascia strongly marked but the dorsal half entirely absent. Although I have no similar examples of this variable species amongst my series from India and Ceylon, I am unable without further evidence to treat these as distinct species, though they may indicate such in process of formation; I do not find any structural difference, and additional material might give intermediate forms.

TORTRICIDAE.

*Capua vulgaris* n. sp.

♂♀ 12—14 mm. Head, palpi, and thorax pale greyish-ochreous or brownish, more or less mixed with blackish. Forewings rather elongate, costa in ♂ moderately arched, with strong fold extending from base to beyond middle, in ♀ moderately arched anteriorly, then nearly straight, apex obtuse-pointed, termen rather oblique, in ♂ straight, in ♀ hardly sinuate; light greyish-ochreous or brownish, more or less mixed irregularly with brownish-crimson and fuscous; markings formed by irregular dark grey suffusion and blackish strigulation; a well-marked basal patch, edge angulated in middle; central fascia in ♂ broad, suffused, indistinct, in ♀ reduced to a costal spot; costal patch flattened-triangular, forming three darker spots on costal edge: cilia pale greyish-ochreous or brownish. Hindwings pale grey, indistinctly mottled with grey, on lower surface whitish-tinged with more distinct grey mottling; cilia whitish-grey.

Java, Preangor, 5000 feet (Sythoff); 4 specimens.

*Capua pigra* n. sp.

♂ 14 mm., ♀ 17 mm. Head, palpi, and thorax fuscous. Forewings suboblong, in ♀ more elongate, costa anteriorly moderately arched, posteriorly straight, in ♂ with moderate fold from base to middle, apex obtuse-pointed, termen hardly sinuate, somewhat oblique; brownish-fuscous; edge of basal patch in ♂ indicated by some dark fuscous irroration, obtusely angulated in middle; central fascia rather oblique, moderately broad, rather dilated downwards, darker brownish-fuscous, in ♀ less distinct; costal patch similar, flattened-triangular, extending from  $\frac{3}{5}$  to near apex, some irregular strigulation extending from it obliquely towards termen: cilia light brownish, with dark fuscous subbasal shade. Hindwings grey; cilia pale greyish, with darker subbasal shade.

Java, Preangor, 5000 feet (Sythoff); 5 specimens. Nearest *fabrilis* from Philippines, but termen of forewings less oblique.

*Capua cirrhanthes* n. sp.

♀ 18 mm. Head, palpi, and thorax ferruginous-brown. Abdomen light-grey. Forewings oblong, costa anteriorly strongly arched, then straight, apex obtuse-pointed, termen hardly sinuate, somewhat oblique; violet-ferruginous-brown, slightly darker-mottled; a triangular spot of ochreous-yellow suffusion on middle of costa, and a transverse spot on middle of dorsum; some undefined similar suffusion in disc posteriorly, on costa before apex, and on terminal edge (cilia injured). Hindwings pale grey.

Celebes, Lokka; one specimen.

*Homona picrostacta* n. sp.

♂ 18 mm. Head, palpi, and thorax pale ochreous suffusedly irrorated with grey. Forewings suboblong, costa anteriorly moderately arched, with broad rounded fold extending from base to  $\frac{1}{3}$  and reaching nearly half across wing, posteriorly nearly straight, apex obtuse, termen vertical, rounded beneath, dorsal subbasal scale-projection very large, rounded; pale ochreous, tips of scales whitish-shining, basal half more or less suffusedly mixed with ochreous-brownish and fuscous, sometimes whole wing suffused with dark brown except towards costa; central fascia rather narrow, oblique, ochreous-brownish or in the dark form darker fuscous, marked with dark fuscous on costal half, somewhat broader on lower half and with posterior edge forming a triangular prominence towards dorsum; costal patch brownish or indicated by fuscous strigulation, elongate, extending along costa from  $\frac{3}{4}$  to near apex, with a small triangular dark fuscous spot attached to its lower edge near termen: cilia

pale ochreous, tips sometimes brownish round apex. Hindwings pale greyish-ochreous, sometimes darker and brownish-tinged posteriorly; cilia whitish-ochreous.

♀. Head, thorax, and forewings as in the dark form of ♂ (but doubtless light forms also occur). Hindwings pale yellowish.

Java, Pekalongan, Batavia, Buitenzorg (van Deventer); 6 specimens (5 ♂, 1 ♀). Nearest *coffearia* (which also occurs in Java), but quite distinct by peculiar costal patch and pale hindwings.

*Cacoecia seditiosa* n. sp.

♀. 19—23 mm. Head, palpi, and thorax brownish. Forewings suboblong, costa on anterior half strongly arched, thence moderately sinuate, apex tolerably pointed, prominent, termen sinuate, nearly vertically rounded beneath; brownish, indistinctly strigulated with fuscous; markings fuscous, edged with indistinct dark brown striae; basal patch with edge nearly straight, rather oblique; central fascia very oblique, narrow on costal half, anterior edge nearly straight, broadly dilated on dorsal half, with posterior edge forming an obtuse angle on vein 2; costal patch large, triangular, dark brown on costa, extending on costa from near beyond middle to  $\frac{7}{8}$ , its apex reaching to near termen above tornus, anterior edge rather broken and irregular; a small dark brown apical spot: cilia brown, darker round apex. Hindwings grey, costal half light orange, strigulated with grey towards apex; cilia pale greyish, suffused with yellowish on upper half of termen, with grey basal shade on lower half, without costal scale-thickening.

Java, Buitenzorg; 2 specimens. One example has 7 and 8 short-stalked in both forewings, but the species is a true *Cacoecia* and not a *Homona*; the other example is normal.

*Cacoecia tabescens* n. sp.

♂ 20—21 mm. Head, palpi, and thorax brownish-ochreous or brown, crown somewhat sprinkled with whitish, patagia violet-suffused. Antennae stout, ciliations  $\frac{2}{3}$ . Abdomen grey. Forewings oblong, costa without fold, anteriorly gently arched, posteriorly faintly sinuate, apex slightly prominent, termen slightly sinuate, vertical, rounded beneath; glossy violet-brown; costa ochreous-tinged, some short indistinct blackish-grey strigulae on anterior half; three small whitish-grey spots indicating lower  $\frac{3}{5}$  of edge of basal patch, in one specimen a black dot with some whitish scales above these; about five small whitish-grey spots indicating anterior edge of central fascia, uppermost subcostal, larger, grey mixed with black, sometimes one or two black scales in others; some scattered indistinct

whitish-grey dots towards costa and dorsum posteriorly, sometimes with indications of obscure blackish strigulae; a small blackish apical spot edged with whitish-grey, an attenuated whitish-grey streak containing a series of small oblique blackish strigulae from just before this to termen above tornus: cilia brown, towards tornus grey-whitish, on apical spot blackish. Hindwings rather dark grey, costa towards apex suffused with pale ochreous; cilia grey-whitish, with grey basal line.

♀ 25—26 mm. Head, palpi, and thorax pale brownish-ochreous, thorax sometimes violet-suffused. Forewings oblong, rather broad, costa near base very strongly arched, thence nearly straight, faintly sinuate posteriorly, apex tolerably pointed, prominent, termen concave beneath apex, then strongly rounded-prominent; pale brownish-ochreous, with faint small scattered darker strigulae, in one example suffused with violet-fuscous on basal and costal areas, with a patch before tornus; whitish-grey spots as in ♂ slightly indicated in darker specimen, absent in the other, a few black specks in their position, and some black irroration towards costa in middle; a fuscous mark on costa before middle, and three or four smaller ones posteriorly; a small black apical spot: cilia brownish, tips white, round apex blackish. Hindwings grey, apical third or half ochreous-orange, somewhat mottled with grey; cilia light brownish, towards tips whitish.

Java, Batavia, Buitenzorg; 4 specimens (2 ♂, 2 ♀). A variable species, nearly allied to *difficilis*, but distinct.

*Cacoecia spilotoma* n. sp.

♂ 22 mm. Head pale greyish, face and palpi dark fuscous. Antennae stout, ciliations 1. Thorax whitish-grey-ochreous, with a posterior spot of dark purple-fuscous suffusion. Forewings moderate, somewhat dilated, costa slightly arched, without fold, apex obtuse, termen hardly sinuate, vertical, rounded beneath; pale greyish-ochreous, with whitish gloss, anteriorly faintly violet-tinged; minute black dots towards costa near base and at  $\frac{1}{4}$ ; a semioval blackish spot towards dorsum at  $\frac{1}{4}$ ; central fascia represented by a small brownish spot on costa at  $\frac{2}{5}$ , a rounded blackish spot above middle of disc, and a transverse pointed brownish streak from  $\frac{2}{3}$  of dorsum to near this; costal patch elongate, dark brown, extending from beyond middle to  $\frac{5}{6}$ , sending from posterior angle a slender slightly curved dark brown streak to termen just above tornus; a dark fuscous dot at apex: cilia pale greyish-ochreous. Hindwings grey; cilia whitish-grey, with grey subbasal line.

Celebes, Bonthain; one specimen. Also nearly allied to *difficilis*, but certainly distinct by longer antennal ciliations (in *difficilis*  $\frac{1}{2}$ ).

*Ulodemis pullatana* Snell.

Antennae in ♂ with subbasal notch on stalk limited by horny tooth above, ciliations 1. Forewings in ♂ with broad rounded costal fold filled with light ochreous hairscales extending from base to  $\frac{1}{3}$ . Hindwings in ♂ with lower part of dorsum and tornus clothed with long grey hairs.

Java, Preangor, 5000 feet. In my Catalogue of *Tortricidae* this species (which I had not then seen) is mistakenly referred as a synonym to *Homona menciana*; it is a true *Ulodemis*, nearly related to the other two known species, but without their distinct markings, and differing from them both by the possession of costal fold in ♂. Snellen expressly says the base of antennae is not notched, but this is erroneous; specimens seen were identified by him, and agree otherwise with his description and figure.

*Tortrix serpentiana* Walk.

Java, Preangor, 5000 feet, 1 ♀. The specimen is abnormal, having 7 and 8 stalked in both forewings, but is unquestionably this species.

*Diactenis haplozona* n. sp.

♂ 15 mm. Head and thorax whitish-ochreous, thoracic crest mixed with dark fuscous. Palpi long, ochreous-whitish sprinkled with dark fuscous. Forewings elongate, rather dilated, costa gently arched, apex obtuse, termen hardly sinuate, rather oblique; pale greyish-ochreous, with indistinct strigulae of fuscous irroration; costa and dorsum narrowly tinged brownish; a transverse dark fuscous spot from dorsum near base, reaching half across wing; central fascia rather narrow, nearly direct, slightly curved, postmedian, dark fuscous, darkest on anterior edge, posteriorly irregular and indistinct; a triangular apical patch of indistinct fuscous suffusion and strigulation, edge concave, from  $\frac{3}{4}$  of costa to tornus: cilia ochreous-whitish, with faint brownish interrupted median shade. Hindwings and cilia ochreous-whitish.

Java, Preangor, 5000 feet (Sythoff); one specimen.

*Argyrotoxa septifera* n. sp.

♀ 16 mm. Head, palpi, and thorax fuscous, posterior thoracic crest whitish at apex. Forewings suboblong, somewhat dilated posteriorly, costa anteriorly gently, posteriorly slightly arched, apex obtuse, termen nearly straight, little oblique; fuscous, obscurely and suffusedly darker-strigulated; a narrow ochreous-whitish fascia mixed with pale ochreous running from  $\frac{1}{4}$  of costa to middle of dorsum, basal area within this mostly suffused with ochreous, especially towards base, with an indistinct streak of fer-

ruginous suffusion beneath costa; two or three small indistinct whitish dots on costa posteriorly: cilia fuscous. Hindwings fuscous; cilia light greyish, with darker subbasal shade.

J a v a, Preangor, 5000 feet (Sythoff); one specimen.

*Argyrotoxa dumigera* n. sp.

♀ 20 mm. Head and palpi pale ochreous-greyish. Thorax brown, outer edge of patagia and posterior extremity darker-mixed. Forewings elongate, costa strongly arched towards base, then almost straight, roughened with scales, apex tolerably pointed, termen concave, rather oblique; violet-brown, with pale silvery-grey gloss, suffusedly and irregularly striated obliquely with olive-greenish-brown; a rather oblique irregular dark purple-fuscous blackish-mixed fasciate streak from  $\frac{1}{5}$  of costa reaching  $\frac{3}{4}$  across wing, containing raised tufts in disc; a similar oblique spot of raised scales on fold beneath middle of wing; two minute blackish raised dots obliquely placed towards costa before middle, and two others towards apex; a short transverse blackish ridge-tuft on end of cell: cilia violet-brownish mixed with whitish-grey. Hindwings light greyish, veins and terminal edge darker; cilia whitish-grey.

J a v a, Preangor, 5000 feet; one specimen. Nearest *glaucopis*, but wings more elongate; superficially like early forms of *Peronea*.

*Protopterna citrophanes* n. sp.

♀ 14 mm. Head, palpi, and thorax brownish-ochreous, palpi 4, thoracic crest ferruginous-ochreous. Abdomen grey. Forewings moderate, posteriorly dilated, costa gently arched, apex obtuse, termen slightly sinuate, somewhat oblique; brownish-ochreous, dorsal scale-projection brighter; costal edge indistinctly strigulated with grey; two or three irregular transverse leaden lines near base not reaching dorsum, surrounded by ferruginous-brownish suffusion; an oblique fasciate streak of ferruginous-brownish suffusion from dorsum at  $\frac{1}{4}$  reaching half across wing; two indistinct pale glistening violet-greyish transverse lines about  $\frac{1}{3}$ , angulated in middle; a very undefined broad oblique fascia of ferruginous-brownish suffusion from middle of costa reaching half across wing, obscurely confluent with similar broad suffusion extending along termen; an indistinct short pale leaden streak from costa at  $\frac{2}{3}$ , and small spot beyond this: cilia grey, on tornus ferruginous-ochreous (imperfect). Hindwings grey, darker towards termen, with an undefined median longitudinal patch of pale yellowish suffusion extending from base to  $\frac{2}{3}$ ; cilia whitish-yellowish with grey subbasal shade (imperfect).

J a v a, Preangor, 5000 feet (Anthony); one specimen.

*Spatalistis translineata* n. sp.

♀ 19 mm. Head, palpi, and thorax ochreous-yellow sprinkled with dark brown. Abdomen whitish. Forewings elongate, posteriorly dilated, costa gently arched, apex obtuse-pointed, termen concave, rather oblique; yellow, finely reticulated with dark ferruginous-brown speckling, and more or less strewn with numerous pale silvery-leadens dots; a narrow streak of ochreous-orange suffusion along anterior half of costa; a narrow brownish-orange streak from before middle of dorsum to costa near apex; three or four small blackish dots on or near margins of this streak and one or two in disc towards base: cilia light yellow, with median series of small spots of dark ferruginous-fuscous irroration. Hindwings and cilia yellow-whitish.

J a v a, Preangor, 5000 feet (Sythoff, Anthony); two specimens. Near *hormota*.

EUCOSMIDAE.

*Spilonota chlorotripta* n. sp.

♂ 16 mm., ♀ 18 mm. Head ochreous-whitish. Palpi ochreous-whitish, basal  $\frac{3}{5}$  of second joint and base of terminal joint suffused with dark fuscous. Thorax ochreous-whitish, patagia marked with dark fuscous irroration. Forewings elongate, costa gently arched, apex obtuse, termen sinuate, little oblique; ochreous-whitish, irregularly and suffusedly mixed with light olive-greenish; costa dark fuscous marked with pairs of whitish strigulae; a small basal patch of blackish strigulation, edge angulated; markings in ♂ dark fuscous, in ♀ greenish-ochreous strigulated or suffused with blackish; a spot on costa at  $\frac{1}{4}$ ; a rather elongate-triangular blackish spot on dorsum before middle; central fascia represented by an irregular transverse broad costal blotch reaching more than half across wing, and a triangular blackish praeternal spot; in ♂ an irregular triangular blotch on upper half of termen; in ♀ all these markings except praeternal spot connected by a sinuate streak running through middle of disc to apex and becoming blackish posteriorly: cilia light grey suffusedly barred with whitish, above apex with a dark grey spot. Hindwings dark grey; cilia grey.

J a v a, Preangor, 5000 feet (Sythoff); two specimens.

*Tritopterna* n. g.

Palpi moderately long, porrected, second joint expanded with dense scales above and beneath diminishing towards apex, terminal joint short, exposed. Antennae of ♂ simple. Forewings with large expansion of rough scales towards middle of dorsum; 3 and 4 connate, 8 and 9 out of 7,

7 to termen. Hindwings with 3 and 4 connate, 5 approximated at base, 6 and 7 stalked.

A development of *Acroclita*.

*Tritopterna chionostoma* n. sp.

♂ 10 mm. Head and thorax greyish. Palpi greyish, obliquely barred with fuscous, internally snow-white except dark fuscous base. Abdomen pale greyish. Forewings elongate, widest towards middle, costa gently arched, apex obtuse, termen short, somewhat sinuate, little oblique; greyish obscurely strigulated with dark fuscous irroration; costa dark fuscous with pairs of oblique whitish strigulae; basal patch obscurely darker, edge irregular, angulated in middle; costal portion of central fascia darker, oblique, rest undefined; a small dark fuscous apical spot, edged on costa and termen by triangular white dots: cilia greyish. Hindwings light grey, thinly scaled, veins dark grey; a dark fuscous hairpencil lying beneath costa from base to middle; cilia light grey.

J a v a, Buitenzorg; one specimen.

*Acroclita prasinissa* n. sp.

♀ 16 mm. Head, palpi, and thorax yellow-greenish, tip of palpi whitish. Forewings elongate, costa gently arched, apex obtuse-pointed, termen sinuate, rather oblique; yellow-greenish; markings deeper olive-greenish edged with blackish; an incompletely formed narrow angulated subbasal fascia, obsolete towards dorsum; a spot on costa at  $\frac{1}{5}$ ; a triangular spot on dorsum at  $\frac{1}{4}$ ; a triangular blotch on middle of costa reaching half across wing and including a costal spot of ground-colour; a small spot on costa at  $\frac{3}{4}$ ; a fasciate streak from costa at  $\frac{5}{6}$  parallel to termen reaching more than half across wing, and triangular spot from dorsum at  $\frac{4}{5}$  directed towards it; a small spot on costa just before apex; several blackish dots on costa between these markings: cilia green-yellowish. Hindwings rather dark grey; cilia light grey, whitish-tinged towards tips.

J a v a, Preangor, 5000 feet (Sythoff); two specimens. Allied to the Indian *chlorissa*.

*Acroclita clarissa* n. sp.

♀ 18 mm. Head whitish-grey. Palpi whitish-grey, second joint with blackish median bar and apical spot. Thorax pale ochreous-greyish, patagia greenish, small marks on shoulders and two posterior marks black. Forewings elongate, costa gently arched, apex obtuse-pointed, termen slightly sinuate, little oblique; dull grey-greenish, with scattered white scales; costa dark fuscous, with pairs of oblique whitish strigulae; a small

angulated basal area strigulated with black; an angulated fascia formed by a spot of blackish suffusion on costa at  $\frac{1}{5}$ , a rhomboidal blotch of blackish suffusion from dorsum before middle reaching fold, and some slight black strigulation connecting these; central fascia represented by a small oblique spot of blackish suffusion on middle of costa, an irregular spot and some scattered strigulae in disc beyond middle, and an oblong blotch of blackish suffusion with upper edge angularly emarginate extending on dorsum from beyond middle to near tornus; a very oblique greenish-ochreous stria posteriorly edged with black above running from  $\frac{2}{3}$  of costa into top of a trapezoidal blackish blotch lying in disc close before termen, its upper angle confluent with a small blackish apical spot; a fine black line along termen to near tornus, preceded by some white scales and bluish iridescence: cilia grey irrorated with whitish and obscurely barred with darker, towards base with green iridescence. Hindwings grey, thinly scaled and with strong blue iridescence, veins and terminal edge dark fuscous; cilia grey, towards tips whitish-tinged.

J a v a, Preangor, 5000 feet (Sythoff); one specimen. Allied to preceding.

*Acroclita madens* n. sp.

♀ 14 mm. Head whitish-ochreous, sides of crown tinged grey, face white. Palpi grey, terminal joint and apex of second white. Thorax ochreous-whitish irregularly mixed with grey. Forewings elongate, costagently arched, apex obtuse-pointed, rather produced, termen strongly sinuate beneath apex, then rather obliquely rounded; light olive-greenish, suffusedly striated with whitish, sometimes partially mixed with grey; costa marked with pairs of oblique whitish strigulae, edge dark fuscous between these; basal patch olive-greenish irregularly mixed with dark fuscous, edge rather oblique, somewhat prominent in middle; central fascia moderate, oblique, olive-greenish, with a black dot in middle of its posterior edge; ocellus edged laterally by two thick silvery-lead streaks reaching more than half across wing, upper part containing three black dashes: cilia light grey irrorated or largely suffused with white, above apex a blackish-grey spot. Hindwings light grey, veins darker; cilia light grey irrorated with whitish points.

J a v a, Buitenzorg; one specimen. Also two specimens in my own collection from Assam, Khasis.

*Eucosma familiaris* n. sp.

♂♀ 10 mm. Head ochreous-whitish or grey-whitish. Palpi whitish, second joint with grey median bar. Thorax whitish-ochreous tinged with grey. Abdomen light greyish. Forewings elongate, costa slightly arched,

without fold, apex obtuse, termen hardly rounded, little oblique; brownish-ochreous mixed with grey, largely overlaid by suffused whitish striation, costa blackish between these striae; basal patch brownish strigulated with black, edge rounded-prominent in middle and emarginate beneath this; central fascia rather oblique, irregular, ochreous-brown, upper half suffused with blackish, posterior edge with angular projection above middle; beyond this an erect narrow-conical brown praeternal spot mixed with black; a short upwards-oblique brown streak mixed with black from middle of termen: cilia dark grey mixed with ochreous-whitish, towards tornus suffused with whitish. Hindwings 3 and 4 connate; grey; cilia ochreous-whitish with two grey lines.

J a v a, Pekalongan, Tegal; four specimens.

*Eucosma referenda* n. sp.

♂ 12 mm. Head and thorax whitish-grey-ochreous. Palpi grey, terminal joint whitish. Forewings elongate, costa slightly arched, without fold, apex obtuse, termen almost straight, rather oblique; 7—9 connate; whitish-grey-ochreous, indistinctly strigulated with grey irroration; costa dark fuscous with pairs of whitish strigulae; dorsum marked with small dark fuscous spots or dots; edge of basal patch indistinctly indicated at  $\frac{2}{5}$ , irregular, angulated in middle; central fascia oblique, narrow, irregular, on costal  $\frac{2}{5}$  forming an oblique blackish streak whose extremity sends a narrow irregular pointed branch towards apex, rest grey irrorated with whitish, widest in disc, thence narrowed to dorsum, costal portion followed by a narrow grey patch extending to  $\frac{5}{6}$  and crossed by four oblique leaden marks from costal pairs of strigulae; a slender dark grey streak along median third of termen: cilia light grey suffusedly irrorated with ochreous-whitish, becoming dark grey round upper portion of termen and apex. Hindwings 3 and 4 stalked; grey; cilia light grey irrorated with ochreous-whitish points, with darker subbasal line.

J a v a, Preangor, 5000 feet (Sythoff); one specimen. Nearly resembles *vigescens* and some other species of *Acroclita*, and the peculiar arrangement of veins 7—9 of forewings suggests that there is natural phylogenetic relationship, but 7 and 8 are not stalked though closely approximated towards base.

*Eucosma deltoplaca* n. sp.

♂ 17 mm. Head whitish-ochreous. Palpi pale ochreous irrorated with fuscous. Antennal ciliations  $1\frac{2}{3}$ . Thorax pale ochreous sprinkled with fuscous. Forewings elongate, rather dilated, costa slightly arched, with moderate fold from base to middle, apex obtuse-pointed, termen slightly

sinuate, little oblique; light brownish-ochreous, with indistinct strigulae of fuscous irroration; costa whitish-ochreous distinctly strigulated throughout with rather dark fuscous; basal patch obscurely infuscated except towards dorsum, edge oblique, obtusely angulated on fold; a triangular dark brown patch mixed with blackish-fuscous extending beneath costa from before middle to near apex, and reaching  $\frac{2}{3}$  across wing; space between this and termen silvery-whitish-iridescent, traversed by a rather irregular dark fuscous subterminal streak; a small brown apical spot cut off by a whitish strigula: cilia whitish-ochreous, with postmedian shade of light greyish mixture. Hindwings 3 and 4 stalked; light grey; cilia ochreous-whitish.

J a v a, Preangor, 5000 feet (Sythoff); one specimen. Near the variable *ceriodes*, but certainly distinct.

*Lobesia proterandra* n. sp.

♂ 12 mm. Head, palpi, and thorax, and forewings as in *aeolopa*. Hindwings normal, as in ♀, without ternal prolongation; veins 3 and 4 equalling  $\frac{2}{3}$  of wing; grey; cilia pale greyish, with darker subbasal shade.

♀ Indistinguishable from *aeolopa* ♀.

J a v a, Ardjoeno (Hekmeyer); two specimens. The hindwings in *aeolopa* ♂ are triangular, with ternal area somewhat produced and termen straighter, whitish towards dorsum, with dorsal and ternal cilia white, and veins 3 and 4 are very short; in *genialis* ♂ the ternal extension and white area are greatly exaggerated; the females of all three species are indistinguishable, so far as I can perceive.

*Argyroploce phaeopelta* n. sp.

♂ ♀ 15—19 mm. Head, palpi, and thorax grey-whitish, more or less suffusedly irrorated with grey. Abdomen in ♂ light grey or whitish-ochreous sprinkled with grey, in ♀ dark grey. Posterior tibiae without tufts. Forewings posteriorly dilated, costa gently arched, apex obtuse, termen slightly rounded, little oblique; ferruginous, with curved transverse subconfluent striation of iridescent-violet suffusion, sometimes forming slight whitish dots on costa; a semioval grey dorsal patch irrorated with whitish extending from base to beyond middle and reaching to fold; basal patch above this limited by a fascia of deeper ferruginous; central fascia broad, little oblique, deep ferruginous, broadest in disc but little defined; ocellus represented by a somewhat darker streak broadly edged laterally with iridescent-violet, sometimes connected above with a similar streak from  $\frac{3}{4}$  of costa to middle of termen: cilia pale violet-brownish, with darker subbasal line. Hindwings grey, becoming dark grey poste-

riorly, especially in ♀, in ♂ dorsal area sometimes tinged with whitish-ochreous, with a subdorsal groove, its sides on lower surface clothed with dense whitish hairscales towards extremity; cilia white, tinged with grey round apex or in ♀ sometimes wholly grey.

J a v a, Preangor, 5000 feet (Sythoff), Tjinjirean (bred in December), three specimens; also one in my collection from A s s a m, Khasis.

*Argyroploce xanthogastra* n. sp.

♂♀ 20—21 mm. Head, palpi, and thorax pale brownish, more or less barred transversely with dark fuscous. Abdomen in ♂ ochreous-yellow, base brownish, a white praeanal spot on dorsum and large expandible lateral tufts of scales towards apex, in ♀ dark grey. Posterior tibiae in ♂ densely tufted above with long whitish-ochreous hairscales. Forewings moderate, somewhat broader in ♂, posteriorly rather dilated, costagently arched, apex obtuse, termen almost straight, nearly vertical; purplish-fuscous or brown, with indistinct darker strigulation, in ♀ tips of scales whitish-ochreous; costa dark fuscous or ferruginous, with eight pairs of whitish strigulae between  $\frac{1}{3}$  and apex; markings formed by irregular dark fuscous striation and strigulation; basal patch occupying  $\frac{1}{3}$  of wing, edge irregular, rounded-oblique; central fascia moderate, little oblique, anterior edge angularly prominent in middle, posterior edge with strong projecting lobes above and below middle, in ♂ a spot of ochreous-white suffusion between these; curved greyish-violet striae from costal strigulae crossing posterior portion of wing; an irregular brownish fasciate streak mottled with blackish from near costa towards apex to termen above tornus, its middle narrowly connected with top of ocellus, which is limited laterally by thick greyish-violet marks and crossed by three blackish dashes; a small blackish spot at apex; some minute white specks on terminal edge: cilia pale brownish barred with blackish. Hindwings dark grey; in ♂ an elongate black mark beneath cell towards base and origin of vein 2; cilia grey, with dark grey subbasal line, in ♀ suffused with whitish-ochreous round apex and upper part of termen.

J a v a, Sindanglaya, Tjinjirean, Preangor (Sythoff); three specimens.

*Argyroploce scansilis* n. sp.

♀ 18 mm. Head ochreous-white. Palpi fuscous, apex of joints white. Thorax ochreous-white, with black spot on shoulders, posterior crest blackish except apex. Forewings elongate, costa gently arched, apex obtuse-pointed, termen slightly sinuate, somewhat oblique; ochreous-white; markings blackish; a narrow curved fascia near base, extending on costa and dorsum to base; an oblique transverse blotch from costa at  $\frac{1}{4}$ ; a

small spot on middle of costa preceded and followed by dots, with some scattered scales preceding it in disc; a very irregular fascia from  $\frac{2}{3}$  of costa to  $\frac{2}{3}$  of dorsum, including a small white spot on costa, anterior edge rather angular-prominent above middle and with strong triangular prominence above dorsum, posterior edge with broad triangular projection above middle and projecting lobe below middle; a triangular praeternal spot; a dot on costa towards apex; a triangular blotch extending along upper  $\frac{2}{3}$  of termen, with some scattered scales beneath it: cilia grey, with ochreous-white tornal patch. Hindwings with 3 and 4 stalked; light grey; cilia pale grey.

Java, Preangor, 5000 feet (Sythoff); one specimen.

*Argyroploce anisoptera* n. sp.

♂ 14 mm. Head, palpi, and thorax light violet-fuscous irrorated with whitish, thorax with indistinct transverse bars of darker irroration, and some ferruginous suffusion on patagia. Abdomen dark grey. Posterior tibiae densely tufted above and beneath with long white hairscales. Forewings subtriangular, costa gently arched, apex obtuse, termen rounded, rather oblique; fuscous suffused with violet-lead and irrorated with whitish, with scattered strigulae of dark fuscous irroration; a dark fuscous spot on costa at  $\frac{1}{4}$ , costa from this to apex dark fuscous with seven pairs of whitish strigulae; central fascia moderate, dark brown, hardly oblique, posteriorly with strong projecting dark fuscous lobes above and below middle, the lower one edged above with whitish; interior of ocellus formed by a rosy-brownish streak edged with blackish; an irregular rosy-brownish streak edged and barred with blackish from beneath costa at  $\frac{4}{5}$  to middle of termen; a small brownish-crimson spot at apex, and some slight marking on termen: cilia greyish, on upper part of termen suffused with rosy-grey and barred with dark grey, tips whitish. Hindwings narrower than forewings, with costal half rather wide but dorsal half considerably reduced, veins 2—5 nearly approximated, dorsal edge thickened and clothed with hairs; grey, darker towards apex; cilia white, with greyish subbasal line, a greyish patch above apex.

Java, Buitenzorg, in January; one specimen.

*Argyroploce catharostoma* n. sp.

♂ 18 mm. Head rather dark fuscous. Palpi ascending, dark fuscous, second joint anteriorly except towards base, and short terminal joint snow-white. Thorax dark fuscous, patagia partially white towards apex. Abdomen grey, anal tuft whitish towards base above. Posterior tibiae grey-whitish, with long slender hairpencil above from near base. Fore-

wings elongate, posteriorly dilated, costa gently arched, apex obtuse, termen slightly rounded, little oblique; dark fuscous; a small basal patch of blue-leaden mixture, edge angulated; central fascia blackish-brown, hardly oblique, narrowed and lighter brown on dorsal third, limited anteriorly by an irregular fascia of subconfluent blue-leaden striation rising from two pairs of whitish costal strigulae, posteriorly with very strong acute-triangular prominence beneath costa, beneath this limited by a fascia of blue-leaden striation somewhat mixed with whitish, above projection edged by a very oblique blue-leaden stria continued as an expanding wedge-shaped mark of white suffusion to termen beneath apex, above this some light brownish subcostal suffusion and several white costal strigulae; an indistinct white dot in central fascia near middle or posterior edge; two erect leaden marks from tornus indicating posterior edge of ocellus: cilia brownish mixed with darker, on upper part of termen whitish-ochreous. Hindwings 3 and 4 nearly approximated at base; rather dark grey; cilia light grey, whitish-sprinkled toward tips.

J a v a, Preangor, 5000 feet (Sythoff); one specimen. Also one in my collection from Assam, Khasis. Apparently allied to *aprobola*, but much broader-winged.

*Argyroploce philocompsa* n. sp.

♂ 16 mm. Head whitish-grey mixed on crown with dark grey, lower part of face white. Palpi subascending, dark fuscous, short terminal joint and apex of second white. Thorax grey irrorated with white, with irregular dark grey antemedian bar. Abdomen dark grey. Posterior tibiae towards apex and basal joint of tarsi tufted above with long ochreous-white hairscales. Forewings posteriorly dilated, costa gently arched, apex obtuse, termen slightly rounded, little oblique; dark fuscous, almost wholly overlaid by subconfluent violet-grey striation, partially rosy-tinged and with some white sprinkling, striae rising from paired white costal dots; basal patch somewhat darker and mixed with rosy-ferruginous suffusion, edge irregular, forming a dark spot on costa; central fascia direct, dark brown, very narrow on costa, rapidly widened so that posterior edge forms a strong acute projection beneath costa, thence gradually narrowed to dorsum, dorsal third ferruginous-ochreous, posterior edge followed by a spot of ferruginous-ochreous suffusion beneath projection; interior of ocellus indicated by an irregular erect rosy-fuscous streak; a similar streak, enlarged above, from beneath costa at  $\frac{4}{5}$  to middle of termen: cilia rosy-brown. Hindwings dark grey; a small fine black hairpencil lying in a subdorsal groove; cilia whitish-grey, with grey subbasal line.

J a v a, Buitenzorg; one specimen. Allied to preceding.

*Pammene rescissa* n. sp.

♂ ♀ 12—14 mm. Head dark grey, collar paler, face in ♀ grey-whitish. Palpi ochreous-whitish. Thorax grey, more or less suffused centrally with blackish. Abdomen dark fuscous. Forewings rather elongate, posteriorly dilated, costa gently arched, apex obtuse, termen slightly rounded, little oblique; ashy-grey, with violet gloss; costal edge blackish with some fine small irregularly scattered oblique whitish strigulae; a small black dot towards dorsum near base; a blackish finely whitish-edged transverse fasciate streak from dorsum at  $\frac{1}{3}$  reaching more than half across wing, apex pointed; a somewhat broader blackish anteriorly finely whitish-edged fascia from dorsum before tornus, reaching  $\frac{3}{4}$  across wing, apex pointed and connected by a cloudy blackish dot with a blackish spot on costa beyond middle; two oblique blackish strigulae near apex: cilia whitish with dark fuscous basal line, and tips dark fuscous except towards tornus. Hindwings dark fuscous, in ♂ with dorsal area ochreous-whitish, with subdorsal groove and dorsal lobe; cilia white, with dark fuscous basal line.

Java, Pekalongan (van Deventer); two specimens.

*Laspeyresia obnixa* n. sp.

♂ 9—10 mm. Head and thorax grey, face whitish-tinged. Palpi whitish-grey. Abdomen dark grey. Forewings rather dilated, costa gently arched, apex obtusely rounded off, termen rather obtuse-prominent on vein 5, beneath rather obliquely rounded; dark fuscous, overlaid with rather dark purple-grey except on costal third posteriorly; costa with six pairs of very fine whitish strigulae before  $\frac{3}{4}$ , then with two white wedge-shaped marks; from second, fourth, and sixth pairs of strigulae rise very oblique dark blue-leaden strigae; ocellar dots obsolete: cilia light glossy grey, with dark fuscous basal line. Hindwings dark fuscous; cilia as in forewings.

Java, Buitenzorg, three specimens. Nearest *dissias*, but without the praeterterminal dots of that species.

*Laspeyresia euthenopa* n. sp.

♀ 25 mm. Head and thorax rosy-brownish, face pale ochreous. Palpi ochreous-whitish, with faint violet gloss. Forewings elongate, somewhat dilated, costa gently arched, apex obtuse, termen slightly rounded, almost vertical, faintly protuberant on vein 5; rosy-brown, with faint purplish iridescence; costa with numerous irregularly grouped very fine whitish strigulae; hardly perceptible faint darker angulated shades indicating

posterior margins of basal patch and central fascia; an obscure greyish erect streak from tornus indicating posterior edge of ocellus; a curved series of six or seven very fine short black dashes from beneath costa at  $\frac{4}{5}$  to beyond this streak; a fine very oblique leaden striga from  $\frac{3}{4}$  of costa, an inwardly oblique strigula from before apex, and a longitudinal one from tornus beneath apex costa and apex within these

ferruginous-brown: cilia fuscous. with rows of ochreous-whitish point

ts.

*Picroxena scorpium* n. sp.

♂ ♀ 10 mm. Head white, face and palpi deep ferruginous. Thorax ferruginous, patagia and a posterior spot white. Abdomen ♂ rather dark grey, ♀ ochreous-brownish. Forewings elongate, rather narrow, costa slightly arched, apex pointed, termen somewhat sinuate, very oblique; white, with some scattered scales or strigulae of dark fuscous irroration; posterior  $\frac{2}{3}$  of costa suffused with ferruginous-brown and marked with oblique white strigulae separated by blackish marks; a light ochreous or greyish-ochreous trapezoidal patch extending along anterior half of dorsum and reaching more than half across wing, posterior edge outwards-oblique from dorsum and marked by a deep ferruginous or dark fuscous streak preceded by some similar dorsal strigulation; a semioval dark fuscous blotch extending along posterior third of dorsum, separated from preceding by a white bar containing a dark fuscous stria; three or four fine dark fuscous dashes on veins towards apex; a small black apical dot edged anteriorly with ferruginous and then by a fine silvery-white line continued along upper half of termen: cilia white, on costa light greyish-ochreous with a strong ferruginous projecting apical hook, tornal area light greyish. Hindwings grey, darker towards apex; cilia light grey, at apex with a blackish-grey basal dot.

J a v a, Pekalongan (van Deventer); two specimens.

GELECHIADAE.

*Gelechia prasinoleuca* n. sp.

♀ 13 mm. Head white. Palpi white, basal half and subapical ring of second joint, and subbasal ring and subapical band of terminal joint blackish. Thorax white, anterior margin blackish. Abdomen whitish, becoming greyish towards apex. Forewings rather narrow, costa gently arched, apex obtuse-pointed, termen extremely obliquely rounded; white, somewhat speckled with grey towards margins, disc suffused with light green; two black marks on basal portion of costa and one on base of dorsum; a black dot in disc at  $\frac{1}{4}$ ; an oblique black fasciate streak from  $\frac{1}{3}$  of costa to fold, a subdorsal tuft of raised scales beneath this; a small black spot on middle of costa; an inwards-oblique black blotch on costa at  $\frac{2}{3}$ , reaching half across wing: cilia grey-whitish, with two rows of scattered blackish specks. Hindwings with apex pointed, termen sinuate; whitish, posterior half suffused with light grey; cilia grey-whitish.

J a v a, Preangor, 5000 feet (Sythoff); one specimen.

*Thyrsostoma tanyrrhina* n. sp.

♂ ♀ 11—12 mm. Head shining silvery-white. Palpi white, in ♀ slender, simple, in ♂ with second joint thickened with dense appressed scales, terminal joint extremely long, twice second, erect, very stout and hardly pointed, slightly greyish towards apex. Antennae in ♂ with sinuate thickening and notch above basal joint, ciliations somewhat over 1. Thorax ochreous-whitish, shoulders greyish-tinged. Abdomen in ♂ ochreous-whitish, ♀ grey. Forewings narrow, widest near base, thence narrowed to acute apex; in ♂ light violet-grey, ♀ darker; markings ochreous-white; a narrow irregular outwards-oblique fascia from dorsum before middle, hardly reaching costa, tending to project on each side on fold; an irregular-edged inverted-triangular spot on tornus, with a fine dash above it; a small cloudy spot on termen near apex: cilia in ♂ yellow-grey-whitish, ♀ grey. Hindwings in ♂ ochreous-grey-whitish, cilia yellow-grey-whitish, towards tornus and dorsum whitish-yellow; ♀ grey, cilia grey.

Java, Pekalongan (van Deventer); two specimens.

*Thiotricha hamulata* n. sp.

♂ 14 mm. Head, palpi, and thorax shining white. Abdomen whitish. Forewings very narrow, costa straight, apex pointed, termen very obliquely rounded; shining white; costal edge dark fuscous towards base; a slight elongate dark fuscous mark on dorsum at  $\frac{1}{4}$ ; a slender very oblique dark fuscous streak from middle of dorsum, reaching nearly half across wing; a small cloudy fuscous spot on dorsum before tornus; a very oblique wedge-shaped dark fuscous mark from costa towards apex; a small irregular black apical spot: cilia white, towards tips greyish-tinged, above apex with two distinct grey lines. Hindwings grey-whitish; a minute dark grey apical dot; cilia whitish, opposite apex with two short dark grey bars.

Java, Preangor, 5000 feet (Sythoff); one specimen. Next *balanopa*.

*Stomopteryx maledicta* n. sp.

♂ 9 mm. Head, thorax dark bronzy-grey. Palpi whitish, second joint dark grey except tip, anterior edge of terminal joint black. Abdomen grey. Forewings rather narrow, costa gently arched, apex pointed, termen extremely obliquely rounded; 6 and 7 out of 8; dark grey speckled with grey-whitish throughout; plical stigma cloudy, obscurely darker, sometimes preceded and followed by slight whitish suffusion: cilia grey, speckled with blackish round apex. Hindwings nearly rectangularly emarginate beneath long-produced apex; grey; cilia grey.

Java, Pekalongan (van Deventer); three specimens.

*Helcystogramma gypsaspis* n. sp.

♂ ♀ 8—10 mm. Head bronzy-fuscous, lower part of face whitish. Palpi whitish, second joint finely ribbed transversely with blackish, anterior edge of terminal joint blackish. Thorax dark bronzy-fuscous, posterior extremity white. Abdomen dark grey. Forewings rather narrow, posteriorly slightly dilated, costa slightly arched, apex obtuse, termen slightly sinuate, little oblique; dark fuscous; a pale blue-metallic oblique fasciate streak from costa near base, nearly meeting apex of an erect mark from dorsum at  $\frac{1}{3}$ ; beyond them a pale blue-metallic rather oblique transverse linear mark in disc; rather short oblique wedge-shaped pale blue-metallic streaks from costa before and beyond middle, silvery-white on costal edge; a pale blue-metallic spot in disc beyond middle, connected with dorsum by some irregular strigulation; a quadrate ochreous-white spot occupying tornal angle, edged anteriorly by a bluish-silvery streak; apical area above this bronzy, with a bluish-silvery dot near apex of preceding streak, and a pale blue-metallic spot on costa towards apex; sometimes a white mark along apical part of costa; a fine black marginal line round apex and termen: cilia whitish with a grey shade on termen, towards tornus ochreous-white, on costa white. Hindwings dark fuscous, lighter and thinly scaled in disc; cilia fuscous, with a white spot at apex. Hindwings beneath with white postmedian transverse blotch from costa.

J a v a, Tegal Simpar, 3000 feet (Lucassen), Pekalongan (van Deventer); two specimens.

*Anarsia eutacta* n. sp.

♂ ♀ 11—12 mm. Head and thorax whitish-grey or grey-whitish, shoulders narrowly black. Palpi grey-whitish, basal  $\frac{2}{3}$  of second joint black, terminal joint in ♀ with indistinct blackish median and subapical rings. Abdomen light grey. Forewings elongate, costa gently arched, apex obtuse-pointed, termen very obliquely rounded; whitish-grey (pale grey sprinkled with whitish), with a few scattered blackish scales; extreme base of costa black; a small trapezoidal blackish spot on middle of costa, two very slight marks preceding this and two beyond it; discal stigmata sometimes indicated; a cloudy blackish dot on termen beneath apex, and sometimes several small indistinct dots or scattered scales near or on termen and posterior part of costa: cilia pale grey speckled with whitish. Hindwings grey; cilia pale grey.

J a v a, Pekalongan (van Deventer); two specimens.

*Chelaria isotricha* n. sp.

♀ 14 mm. Head and thorax ochreous-whitish slightly mixed with brownish. Palpi whitish, second joint nearly evenly tufted beneath with long rough projecting scales, whitish with dark fuscous median band and less marked subapical ring, tuft wholly fuscous on apical half of joint, terminal joint much longer than second, median thickening very slight, dark fuscous with basal and subbasal whitish rings. Abdomen light greyish. Forewings rather narrow, widest about  $\frac{1}{4}$ , thence narrowed to obtuse-pointed apex; 7 and 8 out of 6; ochreous-whitish sprinkled irregularly with grey, brown, and dark fuscous; two small dark fuscous spots on costa before and beyond  $\frac{1}{4}$ , costa between and beyond these white; a dark fuscous spot towards base in middle; an irregular suffused dark brown fasciate bar from dorsum at  $\frac{1}{4}$  reaching half across wing; an irregular dark brown and blackish median fascia rather inwards-oblique from costa, followed on costa by an oblique white strigula; posterior half of costa suffused with dark fuscous, with five very oblique white wedgeshaped marks; a suffused dark brown spot on dorsum beyond fascia; an irregular dark brown blotch on tornus, marked in middle with a black dash; a spot of dark fuscous suffusion containing an oblique black dash towards costa near apex; a streak of dark fuscous suffusion along upper part of termen, edged above by a black dash near apex: cilia grey with rows of whitish specks round apex. Hindwings light grey, thinly scaled and violet-iridescent in disc, veins and terminal edge darker grey; cilia light grey.

Java, Preangor, 5000 feet (Sythoff); one specimen.

*Chelaria apparitrix* n. sp.

♀ 16 mm. Head and thorax whitish slightly sprinkled with grey. Palpi whitish sprinkled with grey, second joint with two large separate grey tufts beneath and dark grey bands corresponding to these, terminal joint much longer than second, with dark grey median band and posterior projection of scales. Abdomen pale greyish. Forewings narrow, costa slightly arched, apex obtuse-pointed, termen extremely obliquely rounded; 6 separate; pale grey irregularly sprinkled with whitish and darker grey; an irregular black subcostal dash from base; black scales tending to form slight dashes or dots scattered in disc, surrounded by grey suffusion; costal area suffused with whitish from near base to  $\frac{3}{4}$ , with three rhomboidal dark grey spots occupying it from  $\frac{1}{4}$  to  $\frac{2}{3}$ , separated by narrow oblique streaks; an irregular fine black longitudinal line ending in termen beneath apex: cilia pale greyish-ochreous. Hindwings light grey,

thinly scaled and purple-iridescent in disc, veins grey; cilia pale greyish-ochreous.

J a v a, Preangor, 5000 feet (Sythoff); one specimen. Nearly allied to *anguinea*, with similar palpi, but in *anguinea* 7 and 8 of forewings rise out of 6.

*Chelaria instaurata* n. sp.

♀ 14 mm. Head and thorax whitish-ochreous. Palpi whitish, second joint light fuscous except towards apex, with narrow submedian tuft hardly separated from larger triangular apical tuft, terminal joint with large median posterior projection. Abdomen whitish-ochreous suffused with grey posteriorly, with lateral line of blackish irroration. Forewings narrow, costa slightly arched, apex pointed, termen extremely obliquely rounded; 6 closely approximated to 7 towards base; whitish-ochreous, more ochreous-tinged on basal half; a small black dot towards costa near base; a dark brown triangular blotch becoming blackish towards posterior angle extending on costa over median third and reaching half across wing, preceded on costa by a small lighter brownish elongate spot; some irregular light brownish suffusion towards costa posteriorly; an indistinct irregular brownish line along termen, with cloudy blackish apical and subapical dots: cilia pale ochreous, on tornus whitish-tinged, on upper part of termen with large patch of dark grey or blackish suffusion. Hindwings grey, thinly scaled anteriorly; cilia pale ochreous-greyish.

J a v a, Preangor, 5000 feet (Sythoff); one specimen. Near *arignota* and *verticosa*.

*Anisoplaca viatrix* n. sp.

♂ 18 mm. Head whitish-ochreous. Palpi ochreous-whitish, basal third of second joint dark fuscous. Antennal ciliations nearly 1. Thorax whitish-brownish, shoulders dark fuscous, a black triangular spot before posterior extremity. Forewings elongate, rather narrow, costa hardly arched, apex obtuse, termen obliquely rounded; pale greyish-ochreous, with small faint scattered grey strigulae; costal edge irrorated with blackish from base to near middle; black subcostal and subdorsal dots near base; first discal stigma small, black, in middle of disc, others absent; an irregular black mark on apical edge: cilia pale greyish-ochreous. Hindwings light grey; cilia whitish-grey, with light grey subbasal line.

J a v a, Batavia; one specimen.

*Dichomeris ignorata* n. sp.

♀ 14 mm. Head brownish-ochreous, face whitish-ochreous. Palpi second joint with rough projecting tuft beneath and expanded with rough scales

towards apex above, dark fuscous, apical edge whitish-irrorated, terminal joint somewhat longer than second, whitish, apex dark fuscous. Thorax fuscous. Abdomen greyish-ochreous. Forewings narrow, costa gently arched, apex pointed, termen extremely obliquely rounded; 2 and 3 connate; dark fuscous, slightly pale-speckled: cilia fuscous, sprinkled with darker. Hindwings and cilia grey.

Java, Preangor, 5000 feet (Sythoff); one specimen.

*Dichomeris microsphena* n. sp.

♀ 13 mm. Head and thorax light greyish-ochreous. Palpi second joint expanded with rough scales towards apex above and with moderate triangular tuft beneath, edge irrorated with white, terminal joint longer, white, anterior edge dark fuscous. Abdomen rather dark grey. Forewings rather narrow, costa slightly arched, apex tolerably pointed, termen faintly sinuate, oblique; greyish-ochreous, paler towards costa anteriorly; costal edge black towards base, forming a small spot at base; stigmata small, blackish, plical obliquely before first discal; a very small wedge-shaped blackish spot on middle of costa; a marginal series of minute black dots in a pale line round posterior part of costa and termen: cilia light greyish-ochreous with slightly darker median shade. Hindwings rather dark grey; cilia grey, paler towards tips.

Java, Buitenzorg; one specimen. Also a ♂ in my collection from Assam, Khasis, with terminal joint of palpi relatively longer.

*Celetodes* n. g.

Head with appressed hairs, sidetufts slightly raised; ocelli posterior; tongue developed. Antennae 1, in ♂ stout, serrulate, simple, basal joint moderate, without pecten. Labial palpi moderately long, curved, ascending, second joint thickened with appressed scales, terminal joint as long as second, slender, acute. Maxillary palpi very short, filiform, appressed to tongue. Posterior tibiae loosely haired above. Forewings 2 from towards angle, 3 and 4 long-stalked or coincident, 7 absent, 8 and 9 stalked, 11 from beyond middle. Hindwings 1, trapezoidal, apex tolerably pointed, termen slightly sinuate, cilia over 1; 3 and 4 connate, 5 rather approximated, 6 and 7 long-stalked.

Allied to *Homaloxestis*.

*Celetodes dracopis* n. sp.

♂ 10 mm. Head, antennae, and thorax ochreous-whitish. Palpi white, second joint blackish. Forewings rather narrow, costa slightly arched, apex obtuse-pointed, termen very obliquely rounded; ochreous-whitish,

speckled with fuscous; a blackish mark on base of costa; stigmata rather large, black, first discal smaller, plical slightly before first discal; some undefined groups of blackish irroration along apical part of costa and termen: cilia ochreous-whitish. Hindwings pale grey; cilia ochreous-whitish.

Java, Pekalongan (van Deventer); one specimen.

*Onebala fibularis* n. sp.

♂ 12—14 mm., ♀ 15—19 mm. Head purplish-fuscous, sides in ♂ ochreous-whitish, in ♀ more obscurely ochreous. Palpi ochreous-whitish, basal  $\frac{3}{5}$  of second joint suffused with dark fuscous. Antennae ochreous-whitish, in ♂ stout. Thorax rather dark purplish-fuscous. Abdomen grey, anal tuft ochreous-whitish. Forewings elongate, posteriorly slightly dilated, costa gently arched, faintly sinuate in middle, apex obtuse, termen faintly sinuate, somewhat oblique; 2 and 3 stalked, 4 and 5 connate or short-stalked, 8 and 9 out of 7; rather dark purplish-fuscous; a narrow-transverse black blotch representing plical and first discal stigmata, in two examples interrupted to form two spots; second discal represented by a brownish-ochreous transverse-oval spot with black dots at both ends; a slightly-curved whitish-ochreous transverse shade at  $\frac{5}{6}$  more or less obscurely indicated, most strongly at extremities, in ♀ almost obsolete: cilia whitish-ochreous tinged or in ♀ suffused with fuscous. Hindwings 4 and 5 short-stalked; grey; cilia light greyish.

Java, Pekalongan, Tegal, Ardjoeno, Toebun; Celebes, Maros, Makassar; seven specimens.

*Pachnistis nubivaga* n. sp.

♀ 14 mm. Head and thorax fuscous. Palpi ochreous-whitish, second joint fuscous except apex. Antennae grey. Forewings rather narrow, costa slightly arched, apex obtuse, termen obliquely rounded; fuscous, slightly violet-tinged, obscurely speckled with grey-whitish; discal stigmata cloudy, darker, second rather large: cilia light grey. Hindwings and cilia light grey.

Celebes, Maros; one specimen.

*Autosticha pelodes* Meyr.

Celebes, Makassar; one ♂ specimen, carefully compared and corresponding exactly in all details with Hawaiian examples. The species is the only Hawaiian example of the genus, and I think it is now probable that it may have been artificially introduced into the Hawaiian Islands from the Indo-Malayan region, where the genus is at home.

## COSMOPTERYGIDAE.

*Cosmopteryx zenobia* n. sp.

♂ 8 mm. Head and thorax leaden-grey, face shining whitish. Palpi shining whitish, terminal joint with dark grey anterior line. Antennae wholly dark grey. Abdomen dark grey, beneath ochreous-whitish. Posterior tibiae orange with bluish-silvery-metallic rings at origin of spurs, tarsi dark grey, two apical joints white. Forewings very narrow, apex long-caudate; orange; base narrowly leaden-metallic, whence a dark grey streak extends along dorsum to  $\frac{1}{4}$ ; a violet-golden-metallic transverse fascia somewhat before middle, rather narrowed upwards and not quite reaching costa; a violet-golden-metallic spot on tornus and dot on costa rather beyond it, apical (caudate) area beyond these black with a fine golden line not reaching anterior edge: cilia dark grey. Hindwings and cilia dark grey.

J a v a, Pekalongan (van Deventer); one specimen. This is quite a novel form of *Cosmopteryx*.

*Labdia oxycharis* n. sp.

♀ 11 mm. Head and thorax pale brownish-ochreous, face white, eyes crimson. Palpi white, second joint pale yellowish except apex. Antennae white ringed with dark grey. Legs white spotted with dark fuscous, middle tibiae smooth. Forewings very narrow, long-pointed, apex produced, acute; brownish-ochreous slightly speckled with fuscous, more strongly towards apex: cilia pale greyish. Hindwings and cilia grey.

J a v a, Pekalongan (van Deventer); one specimen.

*Labdia compar* n. sp.

♀ 11 mm. Head light yellowish. Palpi white, second joint ochreous-yellow except apex. Antennae white obscurely ringed with yellowish. Thorax whitish-yellow, patagia slightly greyish-tinged. Abdomen whitish-grey. Middle tibiae white, tufted above at middle and apex. Forewings narrow-lanceolate, long-pointed, acute; yellow-ochreous suffused with light greyish irroration, with some irregularly scattered blackish scales in disc and towards apex: cilia light greyish, on costa and apex yellow-ochreous. Hindwings grey; cilia light grey.

J a v a, Pekalongan (van Deventer); one specimen.

*Limnoecia enclista* n. sp.

♂ ♀ 8—10 mm. Head and thorax dark fuscous. Palpi whitish, a subapical band of second joint, base, two rings, and anterior edge of terminal joint dark fuscous. Abdomen grey. Forewings narrowly elongate-

lanceolate; dark fuscous; second discal stigma large, blackish, partially edged with whitish; a small oblique white spot on costa somewhat before this; a small white spot on costa towards apex: cilia fuscous. Hindwings and cilia grey.

Java; one specimen. Also three examples in my collection from Ceylon, without further particulars, but probably from low country.

*Microcolona tumulifera* n. sp.

♂ 8 mm. Head and thorax brownish-ochreous irrorated with blackish, face ochreous-whitish. Palpi stout, pale ochreous, with four rings of blackish irroration. Abdomen whitish-ochreous sprinkled with grey. Forewings narrowly elongate-lanceolate; ochreous-brown irregularly irrorated with blackish, appearing to indicate longitudinal streaks; a very large subdorsal tuft at  $\frac{1}{3}$ , a very small one in disc before middle, a moderate subdorsal tuft beyond middle, and a large transverse tuft mixed with whitish at  $\frac{3}{4}$ : cilia pale grey, speckled with black on basal half. Hindwings and cilia pale grey.

Java, Pekalongan (van Deventer); one specimen.

*Zanclarches* n. g.

Head smooth, rounded; ocelli small, posterior; tongue developed. Antennae  $\frac{3}{4}$ , in ♂ shortly ciliated, basal joint elongate, without pecten. Labial palpi very long, recurved, slender, smooth, terminal joint longer than second, acute. Maxillary palpi very short, filiform, drooping. Posterior tibiae rough-scaled above. Forewings with small tufts of scales; 1b furcate, 2 from near angle, 7 and 8 stalked, 7 to costa, 11 from middle. Hindwings  $\frac{2}{3}$ , narrow-lanceolate, cilia 3; 2—5 parallel, 6 and 7 somewhat approximated at base.

Seemingly an early form connecting the *Mompha* and *Stagmatophora* groups; differs from *Mompha* principally by the palpi.

*Zanclarches fastosa* n. sp.

♂ ♀ 9—10 mm. Head, palpi, and thorax dark bronzy. Antennae dark fuscous, apical third white. Abdomen dark grey. Forewings elongate-lanceolate acute; dark bronzy-fuscous; a slender transverse iridescent pale blue-metallic fascia at  $\frac{1}{3}$ ; a broad median orange band extending from this to  $\frac{3}{4}$  marked with a slightly inwards-oblique iridescent pale blue-metallic streak from middle of costa reaching half across wing, a similar transverse streak from  $\frac{3}{4}$  of dorsum reaching half across wing, and small opposite spots on its posterior edge: cilia dark grey with pale blue gloss, marked

with an oblique white bar on posterior costal spot. Hindwings dark fuscous; cilia dark grey.

J a v a, Tegal Simpar, 3000 feet, in November (Lucassen); two specimens.

*Ascalenia subusta* n. sp.

♀ 8 mm. Head ochreous-whitish, crown sprinkled with dark fuscous. Palpi ochreous-whitish, irregularly sprinkled with fuscous, terminal joint with subapical ring of dark fuscous irroration. Thorax fuscous, posterior extremity ochreous-whitish. Forewings narrow, widest towards base, thence narrowed to pointed apex; ochreous-whitish, slightly sprinkled with light brownish; base narrowly dark fuscous; median third of costa somewhat infuscated and sprinkled with dark fuscous; stigmata minute, black, plical obliquely before first discal; a small cloudy fuscous spot on costa at  $\frac{3}{4}$ , and some slight infuscation near it: cilia pale greyish, round apex with some black speckling. Hindwings grey; cilia light grey.

J a v a, Buitenzorg; one specimen.

*Pyretaulax* n. g.

Head smooth, face retreating; ocelli small, posterior; tongue developed. Antennae  $\frac{4}{5}$  (?), basal joint elongate, thickened at apex, with pecten. Labial palpi long, recurved, diverging, thickened with scales and somewhat roughened anteriorly throughout, terminal joint almost as long as second, hardly pointed. Maxillary palpi obsolete. Forewings 1b furcate, 2 from  $\frac{3}{4}$ , 3 from angle, 4 absent, 7 and 8 out of 6, 7 to costa, 11 from rather beyond middle. Hindwings  $\frac{1}{2}$ , narrow-lanceolate, cilia 3; neuration not clearly ascertained, but apparently 3 and 4 absent, transverse vein absent, 5 and 6 stalked, 6 to just beneath apex, 7 remote.

Allied to *Batrachedra*, from which it differs by possession of vein 8.

*Pyretaulax miltogramma* n. sp.

♀ 12 mm. Head pale yellowish, crown partially suffused with red. Palpi ochreous-whitish, towards apex faintly crimson-tinged. Thorax fuscous transversely barred with crimson. Forewings elongate-lanceolate, acute; pale ochreous-yellowish; a minute dark fuscous dot almost at base in middle; markings vermilion-red; a small spot on base of dorsum; a streak along fold throughout; a slender irregular median streak from near base to termen, posterior portion enlarged into an elongate spot; two small spots towards costa posteriorly, and a larger triangular apical spot; dorsal edge red towards middle: cilia whitish-yellowish, with a grey spot above apex. Hindwings and cilia whitish-yellowish.

J a v a, Tegal (Lucassen); one specimen. The example is in damaged condition, but is a curious insect and demands description.

OECOPHORIDAE.

*Heterozyga sporadarcha* n. sp.

♂ ♀ 9—10 mm. Head ochreous-whitish, sometimes with a few fuscous specks. Palpi whitish, second joint irrorated with fuscous except towards apex. Antennal ciliations ♂  $1\frac{1}{2}$ . Thorax whitish, anterior margin suffused with dark fuscous. Forewings elongate, costa gently arched, apex obtuse-pointed, termen very obliquely rounded; ochreous-whitish, in ♂ thinly and minutely speckled with fuscous, in ♀ faintly greyish-speckled, and tinged with yellowish in disc; stigmata minute, raised, blackish, plical obliquely before first discal; cloudy spots of dark fuscous irroration on costa at  $\frac{3}{5}$  and on tornus: cilia ochreous-whitish with some dark fuscous specks, in ♂ more numerous. Hindwings pale grey; cilia ochreous-whitish.

Java, Batavia and Samarang; two specimens.

*Achyrostola* n. g.

Head with loosely appressed scales; ocelli posterior; tongue developed. Antennae 1, in ♂ rather stout, serrate, simple, basal joint moderate, without pecten. Labial palpi moderately long, recurved, second joint thickened with appressed scales, slightly rough at apex beneath, terminal joint shorter than second, moderate, acute. Maxillary palpi very short, loosely scaled, appressed. Posterior tibiae clothed with long hairs above. Forewing with 1b furcate, 2 from  $\frac{4}{5}$ , 3 from angle, 8 and 9 out of 7, 7 to apex, 11 from middle. Hindwings 1, elongate-ovate, cilia 1; 3 and 4 connate, 5—7 nearly parallel.

Allied to *Pseudodoxia*.

*Achyrostola ergastis* n. sp.

♂ 12 mm. Head and thorax light ochreous-yellowish, shoulders suffused with dark fuscous. Palpi light ochreous-yellowish, second joint dark fuscous except towards apex. Abdomen pale ochreous thinly speckled with grey. Forewings rather narrow, costa slightly arched, apex obtuse-pointed, termen very obliquely rounded; light ochreous-yellowish; costal edge suffused with dark fuscous on basal fourth; discal stigmata small, blackish: cilia light ochreous-yellowish, with a few light fuscous specks round apex. Hindwings whitish-ochreous tinged with grey; cilia whitish-ochreous-yellowish.

Java, Salatiga (Zehntner); one specimen.

*Pseudodoxia scotias* n. sp.

♂ 16 mm. Head and thorax fuscous, face pale ochreous. Palpi pale yellow-ochreous. Antennae pale ochreous, towards base tinged with fuscous.

Abdomen rather dark grey, anal tuft pale ochreous. Forewings elongate, costa gently arched, apex obtuse, termen very obliquely rounded; fuscous; stigmata dark fuscous, discal rather large, plical small, beneath first discal: cilia fuscous. Hindwings dark grey; cilia grey.

J a v a, Sindanglaya; one specimen.

*Eutorna generalis* n. sp.

♂ ♀ 12—13 mm. Head and thorax whitish. Palpi white, second joint with appressed scales, brownish except apex, terminal joint somewhat shorter. Abdomen ochreous-whitish. Forewings rather narrow, costa moderately arched, apex obtuse, termen extremely obliquely rounded; whitish, partially and irregularly tinged with pale ochreous; narrow suffused brownish-ochreous streaks from base beneath costa to near middle, from beneath apex of this to costa at  $\frac{2}{3}$ , from near base above middle to costa near apex, and beneath fold throughout; plical and second discal stigmata black, some scattered black scales following plical, and some others towards costa beyond middle; indistinct very oblique strigae from costa before middle and at  $\frac{2}{3}$  indicated by scattered black scales; some black irroration along dorsal edge posteriorly; a series of ill-defined black marginal marks round apex and termen: cilia ochreous-whitish, with faint greyish median shade. Hindwings 3 and 4 rather approximated; light grey; cilia whitish-grey.

J a v a, Preangor, 5000 feet (Sythoff); two specimens.

*Cryptolechia modularis* n. sp.

♂ 24 mm. Head, palpi, and thorax light ochreous-brown, palpi stout, second joint densely scaled, dark fuscous except towards apex. Antennae stout. Forewings elongate, costa gently arched, apex obtuse, termen slightly sinuate, rather oblique; 2 from angle, 7 to apex; light ochreous-brown; costa more ochreous, at base suffused with dark fuscous; stigmata blackish, plical somewhat beyond first discal; an indistinct subterminal shade of undefined infuscation, bent outwards in middle and inwards towards extremities; a marginal series of small blackish dots round posterior part of costa and termen: cilia light brownish-ochreous. Hindwings grey; cilia light grey.

J a v a, Gedeh; one specimen. Also one in my collection from Assam, Khasis.

*Cryptolechia fatua* n. sp.

♀ 15 mm. Head and thorax light ochreous, shoulders greyish. Palpi whitish-ochreous, second joint with appressed scales above, sprinkled with

dark fuscous except towards apex. Forewings elongate, costa gently arched, apex obtuse-pointed, termen very obliquely rounded; 7 to apex; pale ochreous sprinkled with grey; base of costa grey; stigmata small, dark fuscous, first discal larger, plical somewhat beyond it, an additional dot beneath and somewhat beyond second discal; a terminal series of small indistinct dark fuscous dots: cilia pale ochreous. Hindwings light grey; cilia pale ochreous.

J a v a, Batavia; one specimen. Much like *aganopsis*, but smaller, termen of forewings much more oblique, second joint of palpi with scales not expanded above.

#### XYLORYCTIDAE.

*Letogenes* n. g.

Head loosely haired; ocelli posterior; tongue developed. Antennae  $\frac{3}{4}$ , basal joint elongate, somewhat flattened, without pecten. Labial palpi very long, recurved, second joint thickened with dense rough projecting scales beneath except towards base, terminal joint as long as second, stout, slightly roughened anteriorly, acute. Maxillary palpi rudimentary. Posterior tibiae rough-haired above. Forewings with slight scaletufts on surface; 1b furcate, 2 from  $\frac{2}{3}$ , curved, 3 rather nearer to angle than to 2, 4 from angle, 7 and 8 stalked, 7 to termen, 11 from middle. Hindwings 1, trapezoidal, termen slightly sinuate, cilia  $\frac{1}{2}$ ; 3 and 4 connate, 5 nearly parallel, 6 and 7 stalked.

Allied to *Odites*.

*Letogenes auguralis* n. sp.

♀ 21 mm. Head, thorax, and abdomen white. Palpi white, lower half of second joint ochreous-orange, terminal joint with broad blackish median band. Forewings moderate, posteriorly dilated, costa gently arched, apex obtuse-pointed, termen rather sinuate, little oblique; shining white; a short slender greyish-ochreous streak along costa towards base; second discal stigma dark brown, irregular, a smaller irregular dot rather obliquely beyond and beneath it, and one obliquely before it near costa, some scattered brown specks between and round these, and others between these and apex, and towards tornus; some indistinct small dark fuscous marginal dots or marks round apex and termen: cilia white, with a faint pale yellowish median line. Hindwings and cilia white.

J a v a, Preangor, 5000 feet (Sythoff); one specimen.

*Epimactis dissecta* n. sp.

♀ 14 mm. Head white. Palpi white, suffused with grey on basal  $\frac{2}{3}$  of second joint, and terminal joint anteriorly except towards base. Thorax

greyish-ochreous, shoulders white. Abdomen whitish-grey. Forewings moderate, slightly dilated, costa slightly arched, apex pointed, termen sinuate, rather oblique; greyish-ochreous; an attenuated white costal streak from base to  $\frac{2}{3}$ ; a fine white marginal line interrupted by black dots round rest of costa and termen: cilia whitish-yellow, tips whiter. Hindwings pale greyish; cilia grey-whitish, towards base yellowish-tinged.

J a v a, Buitenzorg; one specimen. Next *infulata*.

*Odites diacentra* n. sp.

♀ 21 mm. Head and thorax pale yellow-ochreous. (Palpi broken). Forewings elongate, posteriorly slightly dilated, costa gently arched, apex obtuse, termen somewhat sinuate, little oblique; pale yellow-ochreous; discal stigmata moderate, blackish, remote: cilia pale yellowish. Hindwings and cilia whitish-ochreous.

J a v a, Preangor, 5000 feet (Anthony); one specimen. Distinct from similar-species by sinuate termen of forewings and larger size.

*Odites praefixa* n. sp.

♂ 16 mm. Head and thorax ochreous-white. Palpi white, second joint fuscous except towards apex, tip of terminal joint dark fuscous. Antennal ciliations  $2\frac{1}{2}$ . Abdomen ochreous-whitish. Forewings elongate, costa slightly arched, apex obtuse, termen rounded, somewhat oblique; ochreous-whitish; stigmata small, blackish, plical obliquely beyond first discal, second discal larger, somewhat transverse; a praemarginal series of blackish dots round posterior part of costa and termen: cilia ochreous-whitish. Hindwings and cilia ochreous-whitish.

J a v a, Batavia; one specimen.

## HELIODINIDAE.

*Eucalyptra* n. g.

Head smooth, forehead with large swollen rounded fillet, face retreating; ocelli posterior; tongue developed. Antennae 1, basal joint broadly dilated and concave beneath to form large eyecap. Labial palpi very long, recurved, widely diverging, smooth-scaled, terminal joint longer than second, acute. Maxillary palpi very short, filiform, appressed to tongue. Anterior tibiae and tarsi somewhat thickened with appressed scales; posterior tibiae and basal joint of tarsi with rough bristly hairscales above throughout, remaining tarsal joints with apical bristles, and rather bristly beneath throughout. Forewings 2—6 all nearly approximated, 7 and 8 stalked, 7 to costa, 11 from beyond middle. Hindwings  $\frac{1}{3}$ , linear,

cilia 6; 2 remote, 3 and 4 separate, 5—7 closely approximated at base.

Allied to *Vanicela* and *Patanotis*, but differs from both by stalking of veins 7 and 8, and close approximation of 2 to following veins.

*Eucalyptra picractis* n. sp.

♀ 14 mm. Head pale greyish-ochreous, tinged with violet on crown, face and front of fillet whitish. Palpi whitish, externally tinged with pale greyish-ochreous. Thorax greyish suffused with purple anteriorly. Abdomen purple-grey, beneath white. Forewings very narrow, attenuated from near base to acute apex; dark purple-grey, with coppery tinge; dorsal  $\frac{2}{5}$  suffused with iridescent-brassy-whitish, including an elongate dark grey spot on middle of dorsum, and terminated by a dark purple attenuated streak extending from tornus along termen to near apex: cilia grey. Hindwings dark grey; cilia grey.

J a v a, Batavia; one specimen.

*Stathmopoda dactylis* n. sp.

♀ 9—13 mm. Head and palpi white, back of crown dark fuscous. Antennae white ringed with dark fuscous. Thorax dark fuscous. Forewings narrow, widest near base, thence narrowed to acute apex; dark fuscous; two moderate transverse white fasciae, first at  $\frac{1}{4}$ , widest on dorsum, thence narrowed to costa, posterior edge direct, second at  $\frac{3}{4}$ , evenly broad; a white apical dot: cilia fuscous. Hindwings and cilia grey.

J a v a, Buitenzorg; Celebes, Makassar; two specimens. The Java example is the type; the Celebes specimen, which is in damaged condition, is the larger, and has anterior edge of terminal joint of palpi dark fuscous, but otherwise shows no apparent difference. The species is very similar to *isoleuca*, *placida* and *plinthiota*, but is immediately distinguished from all these by the dark rings of the antennae, which in them are wholly whitish.

*Pachyrhabda fissa* n. sp.

♀ 8 mm. Head and thorax whitish-ochreous. Palpi ochreous-whitish. Posterior legs whitish, with blackish spot at apex of tibiae, and dark fuscous rings at apex of tarsal joints. Forewings very narrow, widest near base, thence narrowed to acute apex; 7 and 8 coincident; pale ochreous, in disc and towards apex suffused with grey; a whitish transverse line at  $\frac{1}{4}$ ; a whitish longitudinal streak in disc from middle to  $\frac{4}{5}$ , anterior extremity connected with dorsum by an indistinct bar of whitish suffusion: cilia pale greyish. Hindwings grey; cilia light grey.

J a v a, Pekalongan (van Deventer); one specimen.

*Pachyrhabda suspecta* n. sp.

♀ 10 mm. Head and thorax whitish-ochreous. Palpi whitish. Posterior legs whitish, with dark fuscous rings at apex of tibiae and of tarsal joints. Forewings very narrow, widest near base, thence narrowed to acute apex; 7 and 8 coincident; whitish-ochreous suffused with greyish; dorsum suffused with ochreous-whitish anteriorly, with an oblique ochreous-fuscous subdorsal strigula near base; an indistinct median outwards-oblique ochreous-fuscous transverse shade from a small dark fuscous mark on middle of dorsal edge; some ochreous-fuscous suffusion in disc towards apex: cilia ochreous-whitish. Hindwings whitish-grey cilia ochreous-whitish.

Java, Pekalongan (van Deventer); one specimen.

*Placoptila lucicineta* Meyr.

A ♂, probably referable to this species, which was described from ♀ only, has very large anal tuft of expanded whity-brownish hairs (quite different from the longer projecting pencil of the Bornean *cyanolychna*), and is also without the hair pencil of hindwings of *cyanolychna*; the tips of cilia of forewings are whitish.

Java, Tegal (Lucassen); one specimen.

*Chrysoxestis* n. g.

Head smooth, rounded; ocelli small, posterior; tongue developed. Antennae nearly 1, basal joint elongate, slender, without pecten. Labial palpi very long, recurved, smooth, slender, terminal joint longer than second, acute. Maxillary palpi very short, filiform, drooping. Posterior tibiae smooth with whorls of long projecting bristles at origin of spurs, inner spurs extremely long, tarsi with very short bristles at apex of joints. Forewings 1b very long-furcate, 2 from near angle, 6 and 7 out of 8, 7 to costa, 11 from  $\frac{2}{3}$ . Hindwings  $\frac{3}{4}$ , narrow-lanceolate, cilia  $2\frac{1}{2}$ ; 2—5 parallel, 6 and 7 stalked.

A development of *Xestocasis*, from which it differs by 6 of forewings rising (in one wing apparently from a point with 7) out of 8.

*Chrysoxestis lauta* n. sp.

♀ 12 mm. Head, palpi, and thorax shining dark bluish-grey. Abdomen dark grey. Forewings narrowly elongate-lanceolate; dark bronzy-fuscous; a bluish-purple patch occupying basal third except along costa; narrow somewhat oblique slightly curved golden-metallic fasciae at  $\frac{2}{5}$  and  $\frac{2}{3}$ , white on costal edge; between these an elongate outwards-oblique iridescent

blue-metallic mark above dorsum; two small whitish spots on costa posteriorly, from second a somewhat incurved metallic-blue streak runs to near tornus: cilia grey, towards tornal area overlaid on basal half by long shining coppery-bronze hairscales, at apex a whitish patch. Hindwings dark fuscous; cilia dark grey.

J a v a, Preangor, 5000 feet (Sythoff); one specimen.

*Eretmocera cyanosoma* Meyr.

♂ ♀ Abdomen with two praeapical segments sometimes suffused with light ochreous-yellow above (always yellow beneath as described). Forewings with spots sometimes almost or quite obsolete.

J a v a, Tegal; four specimens.

*Protanystis* n. g.

Head smooth, glossy, rounded; ocelli posterior; tongue well-developed. Antennae over 1, in ♂ simple, basal joint elongate, slender, without pecten. Labial palpi very long, recurved, slender, smooth, terminal joint longer than second, acute. Maxillary palpi very short, filiform, appressed to tongue. Posterior tibiae smooth, with whorls of projecting bristles at origin of spurs, tarsi with minute bristles at apex of joints. Forewings 1b furcate, 2 from near angle, 3 and 4 connate from angle, 7 and 8 stalked, 7 to costa, 11 from beyond middle. Hindwings almost 1, elongate-ovate-lanceolate, cilia  $1\frac{1}{2}$ ; 3 and 4 connate, no transverse vein, 5 and 6 stalked on long median vein from base, 7 remote.

Allied to *Ptilosticha*.

*Protanystis chalybastra* n. sp.

♂ ♀ 12—13 mm. Head and thorax shining dark indigo-blue-grey. Palpi light ochreous-yellow, terminal joint grey anteriorly. Antennae dark grey, a broad white band towards apex. Abdomen dark grey. Posterior tibiae light ochreous-yellow, with blue-metallic streak above, tarsi dark grey, three apical joints white. Forewings very narrow, costa faintly sinuate, apex obtuse, termen extremely obliquely rounded; dark fuscous; a dull orange irregular-edged elongate patch occupying costal  $\frac{2}{3}$  or  $\frac{3}{4}$  of wing from  $\frac{1}{5}$  to  $\frac{4}{5}$ , a pale blue-metallic dot before lower anterior angle of this, another on its lower edge at  $\frac{2}{5}$  of wing, two elongate marks towards costa before and beyond  $\frac{1}{3}$ , and a dash towards termen in middle: cilia fuscous. Hindwings dark fuscous; cilia fuscous.

J a v a, Tegal Simpar, 3000 feet (Lucassen); two specimens.

*Corythoestis* n. g.

Head smooth, shining, crown anteriorly protuberant; ocelli posterior; tongue developed. Antennae 1, in ♂ simple, basal joint moderate, without

pecten. Labial palpi rather short, straight, porrected, filiform, terminal joint longer than second, tolerably pointed. Maxillary palpi obsolete. Posterior tibiae with bristly projecting hairs above, tarsi with short bristles at apex of joints, longer on first joint. Forewings 2 from angle, 3 and 4 absent, 6 and 7 absent, 8—11 rather near together. Hindwings  $\frac{1}{2}$ , linear-lanceolate, cilia 4; 3 and 4 absent, cell open between 2 and 5, 5 and 6 appearing to rise out of 7.

Type *praeustella* v. Dev. (= *sobrinella* v. Dev.). Both supposed species (sexes) of van Deventer were bred from larvae mining in leaves of *Sarcocephalus cordatus* (*Rubiaceae*). The genus is allied to *Augasma*.

*Acanthocasis* n. g.

Head smooth, rounded; ocelli posterior; tongue developed. Antennae with basal joint moderate, without pecten. Labial palpi moderately long, curved, ascending, second joint with appressed scales, slightly rough beneath, terminal joint as long as second, slender, pointed. Maxillary palpi very short, filiform, drooping. Posterior tibiae smooth, with expanded whorls of long irregular bristles at origin of spurs, tarsi with very short bristles at apex of joints. Forewings 2 from near angle, 7 to termen, 11 from middle. Hindwings under 1, elongate-ovate, cilia 1; 3 and 4 connate, 5—7 somewhat approximated towards base.

Allied to *Corsocasis* and *Trichothyrsa*.

*Acanthocasis flavispinis* n. sp.

♀ 13 mm. Head and thorax dark violet-grey, face and palpi whitish-ochreous. Abdomen dark grey. Posterior tibiae violet-grey with yellowish median band, whorls of bristles yellowish. Forewings rather narrow, costa somewhat sinuate, towards apex gently arched, apex obtuse, termen obliquely rounded; dark violet-grey: cilia grey. Hindwings dark grey; cilia grey.

J a v a, Tegal (Lucassen); one specimen.

GLYPHIPTERYGIDAE.

*Mictopsichia stemmatias* n. sp.

♀ 19 mm. Head, palpi, and antennae ochreous. Thorax violet-fuscous. Forewings rather elongate-triangular, costa slightly arched, apex obtuse, termen bowed, little oblique; greenish-fuscous; costa irregularly reddish-orange, marked with five dark fuscous spots on posterior half, and a few small black dots, apex and termen suffused with crimson-rose; short metallic-blue subcostal and median streaks from base; a metallic-blue

transverse streak from dorsum at  $\frac{1}{4}$  to fold, a sinuate streak from beneath costa at  $\frac{2}{5}$  to fold, a small spot in middle of disc, a broader oblique slightly curved streak from beneath costa beyond middle reaching  $\frac{3}{5}$  across wing to above tornus, a short erect streak from tornus, and a streak from beneath costa at  $\frac{5}{6}$  to termen below middle; dorsal half between these markings mostly occupied by an irregular patch of fine transverse striation formed of dark fuscous scales with whitish tips, extending at  $\frac{1}{3}$  and middle to near costa, and an oblique wedged-shaped streak of similar striation towards costa at  $\frac{3}{4}$ ; some irregular blackish marbling towards dorsum posteriorly, partly filled with reddish-orange, and containing two blue-metallic dots; deep brown-reddish marks very obliquely beneath and above the central blue spot in disc; two metallic-blue spots followed by two blackish strigulae before apex: cilia fuscous, base crimson. Hindwings deep orange, reddish-tinged posteriorly; costa partly suffused with dark fuscous, with three transverse wedged-shaped black spots from posterior portion; towards tornus a round deep reddish spot with thick irregular black margin, preceded by an ochreous-whitish spot margined anteriorly by an irregular black mark, and followed by a metallic-blue terminal mark; lower part of dorsum with several transverse black marks and some striation of dark fuscous scales with whitish tips between these; a black line just before termen from above apex to the blue mark; cilia orange (damaged).

Celebes, Bonthain; one specimen.

*Hilarographa ferox* n. sp.

♂ 10 mm. Head dark fuscous, face and sides of forehead ochreous-yellowish. Palpi pale yellowish with whitish-violet iridescence. Antennal ciliations  $2\frac{1}{2}$ . Thorax dark fuscous, margins of patagia light yellowish. Abdomen dark fuscous. Forewings elongate, dilated, costa gently arched, apex obtuse, termen slightly rounded, somewhat oblique; dark fuscous; basal third of wing and dorsal half nearly to tornus irregularly strigulated with ochreous-whitish; a fine angulated whitish line from  $\frac{1}{3}$  of costa to  $\frac{2}{5}$  of dorsum, and a similar line crossing dorsal half at  $\frac{3}{4}$  parallel to lower portion of this; rest of wing beyond this ferruginous-fulvous, with a dark purple-fuscous streak along costa cut by four pale yellowish marks from which proceed short leaden streaks, first two oblique, last two uniting to form a loop, ternal ocellus margined laterally with leaden and containing three blackish dots: cilia leaden-grey with darker basal line, with pale yellowish spot above middle of termen. Hindwings dark fuscous; cilia whitish, with dark fuscous basal line.

Java, Smeroe, 2000 feet; one specimen. Allied to *druidica*, but quite without the conspicuous basal and dorsal yellow markings of that species.

*Imma endocrossa* n. sp.

♂ 29 mm. Head, palpi, thorax, and abdomen fuscous. Antennae shortly bipectinated ( $1\frac{1}{2}$ ), with long fasciculate ciliations. Forewings posteriorly dilated, costa gently arched, apex rounded-obtuse, termen rounded, little oblique; 7 and 8 very short-stalked, 8 to apparent apex (indefinite); fuscous; an ochreous-whitish transverse line represented by an irregular narrow transverse spot from middle of costa, a dot on end of cell, and a clouded irregular segment between this and dorsum not reaching either; vein 9 from cell to apex furnished with a thick downwards-directed fringe of long fuscous hairs, posterior halves (or nearly) of veins 3—8 also each with a series of much shorter fine downwards-directed hairs: cilia fuscous. Hindwings rather dark grey; cilia grey.

J a v a, Sindanglaya; one specimen. The equipment of fringes on veins of forewings posteriorly is an altogether unique character.

*Imma pelurga* n. sp.

♀ 18 mm. Head pale ochreous. Palpi pale ochreous, anteriorly light violet-fuscous. Thorax pale ochreous mixed with light fuscous. Abdomen grey. Forewings posteriorly dilated, costa gently arched, apex rounded-obtuse, termen rounded, hardly oblique; 7 and 8 stalked, 8 to apparent apex (indefinite); fuscous, irregularly and suffusedly irrorated with elongate pale ochreous scales; an irregularly waved somewhat curved indistinct pale ochreous line from middle of costa to beyond middle of dorsum, followed immediately by a rather broad fascia of pale ochreous suffusion not reaching costa, terminal area beyond this darker; a suffused dark fuscous narrow transverse discal mark on posterior edge of this line; an undefined spot of pale ochreous suffusion on costa before apex; a fine denticulate ochreous-whitish terminal line: cilia fuscous, with darker basal line. Hindwings dark grey, lighter anteriorly; cilia grey, with dark grey subbasal shade.

J a v a, Tengger, 2000 feet; one specimen. Nearest *metriodoxa*.

*Sagalassa platysema* n. sp.

♀ 17 mm. Head dark purplish-fuscous. Palpi ochreous-whitish. Thorax dark purplish-fuscous, anterior margin and apical half of patagia whitish-ochreous. Abdomen orange-yellow, bases of segments 3 and 4 partially blackish, segment 6 wholly blackish. Forewings elongate, posteriorly slightly dilated, costa anteriorly straight, posteriorly slightly arched, apex obtuse, termen rounded, rather oblique; 2 and 3 stalked; dark purplish-fuscous; a whitish-yellow basal blotch not quite reaching costa; costal edge whitish-ochreous from near base to  $\frac{4}{5}$ ; an indistinct cloudy whitish-

ochreous spot in disc at  $\frac{1}{4}$ ; a broad irregular whitish-yellow fascia from dorsum beyond middle to near costa at  $\frac{3}{4}$ , narrowed at apex (cilia injured). Hindwings orange-yellow; base blackish; a broad somewhat irregular-edged blackish terminal band; cilia yellow-whitish, basal third blackish.

Java, Batavia; one specimen. In damaged condition, but distinct and interesting.

*Phycodes venerea* n. sp.

♀ 14 mm. Head dark grey (rubbed), orbital hairscales white. Palpi dark grey, towards base white. Thorax dark grey speckled with whitish. Abdomen dark grey. Forewings elongate, slightly dilated, costa almost straight, apex obtuse, termen straight, vertical; dark purple-fuscous, with very fine transverse striation of minute whitish specks; a transverse black fascia at  $\frac{1}{3}$  margined with greenish-silvery-metallic streaks; a V-shaped black figure margined on both sides with greenish-silvery-metallic streaks, arms resting on costa beyond middle and at  $\frac{4}{5}$ , point reaching rather more than half across wing, posterior silvery streak curved along costa to near apex; a narrow purple terminal fascia, and preceding this above tornus a V-shaped greenish-silvery-metallic mark (pointing towards base) filled with blackish: cilia light shining violet-bronzy. Hindwings dark grey, paler towards middle of disc; cilia pale grey, with dark grey basal line.

Java, Tegal Simpar, 3000 feet (Lucassen); one specimen. Near *adjec-tella*, but quite distinct.

*Simaethis tigroides* n. sp.

♂ ♀ 14—16 mm. Head ochreous-orange. Palpi with four whorls of deep fulvous scales tipped with ochreous-whitish. Antennal ciliations ♂  $2\frac{1}{2}$ . Thorax ochreous-orange with two dark fuscous bars. Abdomen brownish-ochreous, apex dark fuscous. Forewings elongate-triangular, costa gently arched, apex obtuse, termen slightly rounded, somewhat oblique; ochreous-orange; markings blackish; a slender irregular transverse line very near base, another near beyond this, a thicker straight line at  $\frac{1}{4}$ , followed by a hardly perceptible whitish tinge, and a less well-marked line before middle; an ill-defined or partially interrupted postmedian fascia, narrowed to a streak towards dorsum, posterior edge with slight angular projection in middle, followed on costa by a whitish dot and sometimes by faint whitish tinge elsewhere; beyond this a fine irregular line, forming an acute angle above middle containing a small spot of black suffusion, somewhat incurved towards costa and towards dorsum; a subterminal ill-defined streak, interrupted opposite angle of preceding: cilia orange-whitish, with dark grey patches at apex, middle of termen,

and tornus, and blackish basal line. Hindwings dark fuscous; an ochreous-orange streak in disc from base to beyond middle, triangularly expanded posteriorly, a suffused streak along posterior part of dorsum, and a streak along or almost on lower half of termen; cilia whitish-orange, with blackish basal line, and dark grey apical patch.

J a v a, Buitenzorg; two specimens.

*Simaethis semicineta* n. sp.

♀ 14 mm. Head and thorax brown sprinkled with whitish. Palpi with whorls of fuscous scales tipped with white. Abdomen dark grey mixed with ochreous. Forewings triangular, costa gently arched, apex obtuse, termen bowed, somewhat oblique; fulvous-brown; basal fourth speckled with white; a rather irregular transverse line of white irroration at  $\frac{1}{3}$ , followed by a band of scantier white speckling except towards costa; a transverse discal mark of white irroration at  $\frac{2}{3}$ ; an irregular line of white irroration from costa beyond middle obliquely outwards, forming a rectangular loop outwards on median third, with slight indentation just below middle, then broken inwards and running to dorsum at  $\frac{2}{3}$ , a short mark of white irroration from costa just beyond it; costa towards middle and sometimes posteriorly somewhat mixed with blackish, and sometimes some blackish sprinkling on median area between the lines; a subterminal shade of white irroration followed by some blackish scales, leaving terminal area clear fulvous-brown: cilia grey, with ochreous-whitish patches above and below middle of termen, and black basal line. Hindwings dark fuscous; an ochreous-yellow median streak from base to beyond middle, gradually dilated and confluent above at apex with an irregular spot; an irregular ochreous-yellow terminal streak, thickest in middle and becoming obsolete at extremities; cilia light ochreous-yellowish, above apex and at tornus grey, on lower half of termen with blackish basal line.

J a v a, Megamendoeng and Smeroe, 2000 feet; two specimens.

*Simaethis irimochla* n. sp.

♂♀ 12—13 mm. Head pale greyish-ochreous mixed with grey on crown. Palpi with basal joint white, second and terminal each with two whorls of dark grey whitish-tipped scales. Antennal ciliations ♂ 3. Thorax fulvous-ochreous, with strong antemedian band and large posterior spot dark fuscous. Abdomen ♂ dark fuscous mixed with light ochreous, ♀ wholly suffused with fulvous-ochreous. Forewings triangular, costa gently arched, apex obtuse, termen rounded, rather oblique; ochreous-orange; an almost basal curved black line; a straight shining violet transverse

streak at  $\frac{1}{3}$ , forming a white dot on costa, margined anteriorly by an irregular black fascia, thicker in ♂, and posteriorly by a black irregular line not reaching costa; a black median fascia, obtusely angulated in middle, constricted just below angle, marked above angle with a slightly curved rather oblique metallic-blue mark; beyond this an irregular black transverse line, zigzag below middle, expanded on costa and preceded by a white dot; an irregular black bisinuate subterminal streak: cilia grey, with black basal line. Hindwings dark fuscous; an ochreous-orange median streak from base, terminating in a large roundish spot beyond middle; a rather thick ochreous-orange streak along lower  $\frac{3}{5}$  of termen; in ♀ an irregular patch of ochreous-orange suffusion on dorsum towards tornus; cilia ochreous-whitish, with black basal line, towards apex and tornus greyish.

Java, Buitenzorg; two specimens.

*Simaethis pelargodes* n. sp.

♀ 14 mm. Head whitish-ochreous, crown slightly sprinkled with dark fuscous. Palpi ochreous-whitish, bases of scale-whorls infuscated. Thorax blackish-fuscous, anterior margin whitish-ochreous. Abdomen dark fuscous, with grey-yellowish segmental rings. Forewings subtriangular, costa gently arched, apex obtuse, termen bowed, rather oblique; blackish-fuscous; a straight yellow-whitish transverse line at  $\frac{1}{3}$ ; some scattered ochreous-yellowish scales in disc between this and following line; an irregular twice interrupted ochreous-yellowish line from a white dot on costa at  $\frac{3}{5}$ , excurved from near costa to below middle, thence straight to dorsum at  $\frac{2}{3}$ ; an irregular spot of ochreous-yellowish suffusion beneath costa beyond this, and an undefined terminal fascia of similar suffusion, broadest towards apex: cilia grey with blackish basal line, and whitish patches above and below middle of termen. Hindwings dark fuscous; an ochreous-yellow median streak from base to  $\frac{3}{4}$ , rather expanded posteriorly; an irregular ochreous-yellow streak along lower half of termen; cilia whitish with dark fuscous basal line, above apex and below tornus greyish.

Java, Smeroe, 2000 feet; one specimen. Nearest *xanthogramma* from the Philippines, but that species has the markings broader, a yellow discal mark adjacent to the second line, and no white patches in cilia of forewings.

*Simaethis optica* n. sp.

♂ 11 mm. Head ochreous-whitish. Palpi ochreous-whitish, bases of scale-whorls infuscated. Antennal ciliations 2. Thorax blackish, anterior margin ochreous-whitish. Abdomen dark fuscous, segmental margins mixed with grey-yellowish. Forewings subtriangular, costa gently arched, apex

obtuse, termen bowed, rather oblique; blackish; a rather thick straight whitish-yellowish transverse line at  $\frac{1}{3}$ ; some fulvous suffusion towards costa between this and following line; a slender ochreous-yellowish transverse line at  $\frac{3}{5}$ , forming a white dot on costa, median third irregularly broken outwards and interrupted beneath; a suffused fulvous apical blotch, and narrower fascia extending from this along termen: cilia grey, with blackish basal line, and whitish patches above and below middle of termen. Hindwings dark fuscous; cilia whitish, at apex and towards tornus grey.

Java, Batavia; one specimen. Allied to preceding, but hindwings wholly dark fuscous.

*Simaethis obarata* n. sp.

♀ 14 mm. Head blackish mixed with whitish, face with a white bar. Palpi white with four black rings. Thorax blackish sprinkled with yellow-whitish. Forewings triangular, costa slightly arched, apex obtuse, termen slightly rounded, rather oblique; blackish-fuscous; basal area irregularly irrorated with whitish-ochreous; two irregular ill-defined pale ochreous transverse lines from white dots on costa at  $\frac{1}{3}$  and  $\frac{3}{5}$ , first rather curved, second irregularly excurved from near costa to below middle, then straight to dorsum at  $\frac{3}{4}$ , closely followed by a similar line; between these a very ill-defined irregular median shade of yellow-ochreous irroration angulated above middle; a yellow-ochreous marginal line round apical part of costa and termen, with short irregular linear projections inwards: cilia grey with blackish basal line, tips whitish-tinged below middle of termen, a snow-white spot near before apex. Hindwings dark fuscous; an indistinct light yellowish median streak from near base to beyond middle, slightly sprinkled with dark grey; a slight irregular yellowish dash above tornus; cilia pale greyish-ochreous with blackish basal line, at apex and tornus grey.

Java, Preangor, 5000 feet (Anthony); one specimen. Not very near any other.

*Ussara iochrysa* n. sp.

♀ 10 mm. Head and thorax dark fuscous. Palpi whitish, second joint with two blackish rings, anterior edge of terminal joint black. Forewings rather narrow, costa gently arched, apex obtuse, termen obliquely rounded; dark fuscous; a moderately thick whitish-yellow median streak from near base to near  $\frac{1}{3}$ , ends pointed; two yellow-whitish indistinct lines between this and costa; a rather oblique whitish striga from costa before middle reaching nearly half across wing, lower portion violet-golden; a whitish dot or minute strigula on middle of costa, preceded by an obscure pale

ochreous mark; a narrow-transverse slightly oblique yellow-whitish spot from dorsum beyond middle, not reaching half across wing; a slightly angulated whitish line from  $\frac{2}{3}$  of costa to dorsum before tornus, median portion forming a violet-golden spot; an erect violet-golden striga from tornus reaching half across wing, tornal end whitish; three dots on costa posteriorly, first yellowish, other two white, from last an irregular violet-golden line runs to middle of termen, thence along termen becoming obscurely whitish to tornus: cilia grey with two dark fuscous shades, space between them whitish round apex. Hindwing dark grey; cilia grey.

J a v a, Preangor, 5000 feet (Sythoff); one specimen.

*Glyphipteryx clearcha* n. sp.

♀ 7 mm. Head and thorax pale greyish. Palpi loosely scaled, with whorls of dark fuscous white-tipped scales, apex dark fuscous anteriorly. Abdomen grey. Forewings elongate, costa gently arched, apex obtuse, termen very obliquely rounded, slightly sinuate beneath apex; light greyish-bronze; markings iridescent-whitish, finely edged with grey; a slightly curved streak from  $\frac{1}{3}$  of costa to middle of dorsum; a suffused whitish streak along dorsum from about  $\frac{1}{3}$  to near tornus; a nearly direct streak from middle of costa reaching half across wing; a slender slightly curved streak from  $\frac{2}{3}$  of costa to dorsum before tornus; two short streaks from costa posteriorly, a dot in disc between these, and another between this and tornus; a rather narrow black fascia along termen, interrupted above middle, upper portion containing one and lower three small golden-metallic spots: cilia grey-whitish, within a dark grey median shade pale greyish-bronzy, indented with whitish beneath apex. Hindwings pointed, rather dark grey; cilia grey.

J a v a; one specimen.

ELACHISTIDAE.

*Ptilodoxa* n. g.

Head smooth, face very retreating; tongue developed. Antennae  $\frac{3}{4}$ , in ♂ simple, basal joint elongate, without pecten. Labial palpi long, curved, ascending, loosely scaled anteriorly, terminal joint as long as second, pointed. Maxillary palpi obsolete. Posterior tibiae clothed with long hairs above. Forewings with large plical tuft; 2 from angle, 3—5 absent, 6 and 8 stalked, 7 absent, 9 absent, 11 from beyond middle. Hindwings  $\frac{1}{3}$ , linear-lanceolate, cilia 5; neuration undetermined, 3 and 4 probably absent.

*Ptilodoxa lorigera* n. sp.

♂ 6 mm. Head ochreous-whitish, crown irrorated with dark fuscous. Palpi whitish, externally irrorated with dark fuscous. Thorax dark fuscous speckled with whitish. Abdomen grey, beneath whitish. Forewings rather broad-lanceolate, acute; dark fuscous, speckled with whitish on basal half and towards dorsum; a large dark fuscous tuft towards dorsum before middle; an oblique ochreous-white streak from costa before middle reaching half across wing, between this and base some whitish suffusion towards costa; an irregular-edged ochreous-white streak from  $\frac{2}{3}$  of costa to just below apex, broadened anteriorly by extension over cilia: cilia otherwise grey, speckled with black at base and round apex of wing. Hindwings dark grey; cilia grey.

Java, Pekalongan (van Deventer); one specimen.

*Elachista brachyplectra* n. sp.

♂ 5—6 mm. Head and thorax dark fuscous, slightly whitish-speckled, face fuscous-whitish. Palpi whitish, second joint dark grey except apex, terminal joint with dark grey supramedian ring. Abdomen grey. Forewings rather broad-lanceolate; dark fuscous slightly speckled with whitish; a short rather oblique white streak from middle of costa, and a subdorsal dot beneath it; a white dot on tornus, and a dot or short oblique streak on costa rather beyond it; cilia grey, irrorated with dark fuscous except towards tornus. Hindwings and cilia grey.

Java, Pekalongan (van Deventer); two specimens. Also two examples in my collection from Ceylon, Peradeniya, and N. Coorg, Dibidi (3000 feet).

*Elachista orba* n. sp.

♂ 4 mm. Head, palpi, and thorax dark grey. Abdomen grey. Forewings lanceolate; grey irrorated with blackish; an oblique streak of white irroration from costa at  $\frac{3}{5}$  reaching nearly to tornus: cilia grey sprinkled with blackish. Hindwings and cilia grey.

Java, Pekalongan (van Deventer); one specimen.

*Illantis* n. g.

Head smooth; ocelli posterior; tongue obsolete. Antennae  $\frac{4}{5}$ , in ♂ simple, basal joint moderate, without pecten. Labial palpi moderate, curved, ascending, smooth, slender, terminal joint longer than second, acute. Maxillary palpi obsolete. Posterior tibiae clothed with long rough hairs above. Forewings with 1b short-furcate, 2 from angle, 3 absent, 4 and 5

approximated, remote from 2, 7 and 8 stalked, 7 to costa, 11 from middle. Hindwings  $\frac{1}{2}$ , narrow-lanceolate, cilia 3; 2—4 parallel, 5 absent, 6 and 7 stalked.

Perhaps allied to *Dicasteris*.

*Illantis picroleuca* n. sp.

♂ 8 mm. Head and palpi grey. Thorax dark grey. Forewings lanceolate; purplish-grey suffusedly irrorated with blackish, more strongly blackish towards margins of an oblique-triangular white spot on costa at  $\frac{3}{4}$ : cilia grey, mixed with blackish within a black median shade. Hindwings and cilia rather dark grey.

J a v a, Pekalongan (van Deventer); one specimen.

#### HYPONOMEUTIDAE.

*Entrichiria* n. g.

Head smooth; ocelli posterior; tongue developed. Antennae  $\frac{2}{3}$ , basal joint short, without pecten. Labial palpi moderate, straight, porrected, with appressed scales, terminal joint longer than second, pointed. Maxillary palpi obsolete. Posterior tibiae smooth. Forewings with 2 from towards angle, 7 to termen, 8—10 approximated, 11 from middle. Hindwings 1, elongate-ovate, clothed with hairscales, cilia nearly 1; 4 absent, 2—6 parallel, 8 anastomosing with 7 beyond cell.

Allied to *Prays*.

*Entrichiria amphiphracta* n. sp.

♀ 9 mm. Head and thorax fuscous, face ochreous-whitish. Palpi fuscous, above whitish. Abdomen grey. Forewings elongate, costa gently arched, apex tolerably pointed, termen obliquely rounded; dark ashy-grey, faintly purplish-tinged; ochreous-whitish fasciae at  $\frac{1}{4}$  and  $\frac{3}{4}$ , somewhat mixed with dark ashy-grey towards costa: cilia grey, with darker subbasal shade. Hindwings iridescent, thinly clothed with grey hairscales, veins darker grey; cilia grey.

J a v a, Preangor, 5000 feet (Sythoff); one specimen.

*Syncathartis* n. g.

Head with appressed scales; ocelli posterior; tongue developed. Antennae  $\frac{2}{3}$ , basal joint moderate, with small anterior flap of scales. Labial palpi long, recurved, slender, smooth-scaled, terminal joint as long as second, pointed. Maxillary palpi obsolete. Posterior tibiae with appressed scales. Forewings with 1b furcate, 2—4 closely approximated from angle, 7 to

termen, 8 and 9 stalked, 10 nearly approximated, 11 from middle. Hindwings 1, elongate-ovate, cilia  $\frac{3}{4}$ ; 2--7 nearly parallel, 7 to apex.

Perhaps near *Toiana*.

*Syncathartis argestis* n. sp.

♀ 16 mm. Head, thorax, and abdomen probably white (appearing pale ochreous by discolouration). Palpi white. Forewings rather elongate-oblong, costa gently arched, apex obtuse, termen rather obliquely rounded; shining white: cilia white. Hindwings and cilia white.

J a v a, Pekalongan (van Deventer); one specimen.

*Thyrsotarsa* n. g.

Head with appressed scales; ocelli posterior; tongue rudimentary. Antennae  $\frac{1}{2}$ , in ♂ fasciculate-ciliated, basal joint moderate, with pecten. Labial palpi rather short, porrected, with appressed scales, terminal joint shorter than second, pointed. Maxillary palpi obsolete. Post. tibiae above with rough fine hairs becoming very long towards apex, tarsi above with very long fine roughly projecting hairs. Forewings with 1b furcate, 2 from towards angle, 3 and 5 approximated at base, 4 absent, 7 and 8 stalked, 7 to termen, 9 absent, 11 from beyond middle. Hindwings  $\frac{3}{4}$ , narrowly elongate-ovate, cilia  $1\frac{1}{3}$ ; 3 and 5 somewhat approximated towards base, 4 absent, 6 and 7 closely approximated at base.

Perhaps allied to *Tarphyscelis* and *Podiasa*.

*Thyrsotarsa platybyrsa* n. sp.

♂ 11 mm. Head and thorax whitish. Palpi whitish, second joint with apical half brownish. Abdomen whitish-ochreous, anal tuft white. Forewings elongate, costa gently arched, apex obtuse, termen rounded, rather strongly oblique; white, with some faint minute ochreous-fuscous specks; obscure fasciae of brownish irroration almost at base and at  $\frac{1}{4}$ ; a broad transverse band of pale ochreous suffusion, broader towards dorsum, where it extends from middle to beyond tornus, anteriorly irrorated and posteriorly wholly suffused with ochreous-brown, towards dorsum sprinkled with dark fuscous, with a spot of dark fuscous irroration in disc towards tornus, and an irregular spot occupying tornus and lower part of termen; an apical spot of brownish and dark fuscous irroration: cilia white, towards base and tips tinged with grey and somewhat sprinkled with dark fuscous. Hindwings pale grey, anteriorly suffused with whitish; cilia white.

J a v a, Tegal Simpar, 3000 feet (Lucassen); one specimen.

*Tarphyscelis cirrhzona* n. sp.

♂ 9 mm. Head, palpi, thorax, and abdomen white, anal tuft grey. Posterior tibiae smooth except at apex. Forewings elongate, costa gently arched, apex obtuse, termen obliquely rounded; white; basal fourth very pale brassy-yellowish followed by an undefined narrow fascia of dark fuscous strigulae; a pale brassy-yellowish fascia before middle, edged posteriorly by a narrow fascia of dark fuscous strigulation; a narrow pale brassy-yellowish fascia at  $\frac{3}{4}$ , towards costa obscured by a broader patch of dark fuscous strigulation; a moderate fascia of dark fuscous strigulation before apex; some scattered dark fuscous strigulae on margins between these markings: cilia pale ochreous-greyish, with four lines of dark fuscous points, on tornus white. Hindwings whitish-grey; cilia white.

J a v a, Pekalongan (van Deventer); two specimens.

COLEOPHORIDAE.

*Coleophora seminalis* n. sp.

♂ 10 mm. Head, antennae, and thorax whitish. Palpi white, second joint with grey lateral streak. Abdomen grey-whitish. Forewings elongate-lanceolate, apex produced, acute; light brownish-ochreous, with some scattered black scales between veins; costa and dorsum suffused with white from base to middle of wing; all veins marked by somewhat irregular strong white lines: cilia grey-whitish, round apex white. Hindwings light grey; cilia whitish-grey.

J a v a, Pekalongan (van Deventer); one specimen.

GRACILARIADAE.

*Acrocercops delicata* n. sp.

♂ ♀ 7 mm. Head and thorax white. Palpi white, with fuscous marks at apex of second joint, and middle of terminal joint. Abdomen white, apex dark fuscous except extreme tip. Forewings narrow, moderately pointed; whitish-ochreous finely speckled with fuscous; six nearly direct white fasciae edged with minute dark fuscous specks, first narrow, almost basal, second narrow, third moderate, beyond middle, last three towards apex, slender, irregular, partly confluent or connected: cilia whitish, suffused with grey round apex. Hindwings and cilia white.

J a v a, bred from *Nephelium lappaceum* (*Sapindaceae*); three specimens.

*Acrocercops cyphostacta* n. sp.

♀ 6 mm. Head white. Palpi smooth, white, with dark fuscous rings at apex of second joint and above middle of terminal. Thorax white,

shoulders with a brown spot. Abdomen greyish, beneath white, sides with oblique dark fuscous marks. Forewings very narrow, moderately pointed, acute; ochreous-brown; four white fasciae slightly sprinkled with black specks and edged with black irroration, first at  $\frac{1}{3}$ , moderate, oblique, rather curved, connected with base by a fine white dorsal streak, second beyond middle, narrower, rather oblique, third at  $\frac{3}{4}$ , narrow, expanded on costa, interrupted in middle with black irroration to form two small spots, fourth praeapical, slender, partially interrupted by black scales: cilia whitish-grey, round apex whitish with blackish subbasal line. Hindwings grey; cilia light grey.

J a v a, Pekalongan (van Deventer); one specimen. Nearest to *orthostacta*.

*Acrocercops tripolis* n. sp.

♀ 7 mm. Head white, collar pale ochreous-yellowish. Palpi somewhat roughened anteriorly, white, with rings of dark fuscous speckling at apex of second joint and middle of terminal. Basal joint of antennae with anterior tuft of scales. Thorax pale ochreous-yellowish, posterior third white. Abdomen whitish. Forewings very narrow, moderately pointed, acute; white, with some minute scattered fuscous specks; a costal dot of black irroration almost at base; moderate slightly oblique light ochreous-yellowish fasciae edged with some fuscous specks near base, before middle, and at  $\frac{2}{3}$ , third narrower; small blackish opposite spots on margins at  $\frac{5}{6}$ , and a third in disc just before these; apex slightly yellowish-tinged: cilia grey-whitish, round apex finely speckled with grey. Hindwings light grey; cilia whitish-grey.

J a v a, Pekalongan (van Deventer); one specimen. Next *allactopa*.

*Acrocercops lophonota* n. sp.

♂ ♀ 10—11 mm. Head and thorax rather dark fuscous, pale-speckled, face whitish. Palpi with second joint rough-scaled towards apex anteriorly, dark fuscous, apex whitish, terminal joint rather rough anteriorly, whitish with three dark fuscous rings. Basal joint of antennae with narrow but strong pecten at base. Abdomen dark grey, beneath and on sides whitish, with lateral series of oblique dark fuscous bars. Forewings very narrow, obtuse; rather dark fuscous, pale-speckled; an obscure transverse whitish line almost at base; white transverse lines converging towards costa before and beyond  $\frac{1}{3}$ , accompanied above by yellowish lines, similar more oblique pairs of lines meeting on costa beyond middle; between these are two darker fuscous suboval spots resting on costa partially edged by similar lines, and a third larger subtriangular blotch on costa about  $\frac{2}{3}$ , some irregular light yellowish angulated markings

beyond this; an obtusely angulated transverse bluish-silvery line towards apex, followed on costa by a yellowish mark and white dot; a large projecting tuft of dark fuscous scales from dorsum before middle, a smaller one beyond middle, and a third in cilia before tornus: cilia grey, at apex a dark fuscous hook. Hindwings dark grey; cilia grey. Forewings beneath in ♂ with expansible pencil of ochreous-whitish hairs from base of costa reaching to  $\frac{1}{3}$  of wing.

J a v a, Batavia; two specimens. Nearly allied to *auricilla*, which has similar dorsal tufts, but distinct; the apical area of wing in *auricilla* is pale ochreous-yellowish, and the pale lines are more obscure, not yellowish, and rather differently arranged, the costal spots blackish, the ♂ has a subcostal hairpencil beneath, but it is much shorter.

*Euprophantis* n. g.

Head smooth; ocelli posterior; tongue short. Antennae  $\frac{3}{5}$ , in ♂ simple, basal joint moderate, without pecten. Labial palpi moderate, curved, ascending, anteriorly loosely scaled throughout, terminal joint longer than second, hardly pointed. Maxillary palpi minute, filiform, porrected. Posterior tibiae with appressed scales. Forewings 2 from angle, 7 absent, 8 and 9 approximated at base, 11 from before middle. Hindwings  $\frac{1}{2}$ , linear-lanceolate, cilia 4; 4 absent, 6 and 7 stalked.

Allied to *Paractopa*, perhaps also to *Aristaea*. Differs from all known genera of the family in the relatively short antennae, which are usually as long as forewings or longer; it has the aspect of a *Lithocolletis*.

*Euprophantis autoglypta* n. sp.

♂ ♀ 6—7 mm. Head, palpi, thorax, and abdomen shining whitish. Forewings elongate, rather narrow, costa gently arched, apex obtuse-pointed, termen very obliquely rounded; light saffron-ochreous, paler anteriorly; an undefined rather broad suffused whitish streak along dorsum from base to middle; five costal and two dorsal shining whitish streaks edged anteriorly with fuscous, first dorsal beyond middle, curved-wedged-shaped, oblique, rather broad dorsally, reaching half across wing, second praeternal, short, transverse, costal narrow, first beyond middle, oblique, hardly reaching half across wing, second less oblique, nearly reaching tornus, last three very short, beneath these two leaden dots in disc; a round black apical dot: cilia whitish, with a grey subbasal line becoming dark grey round apex and indented beneath apex, above apex a grey cloudy hook. Hindwings light grey; cilia ochreous-whitish.

J a v a, Pekalongan (van Deventer); three specimens.

## AMPHITHERIDAE.

*Amphithera smaragdopa* n. sp.

♀ 15 mm. Head pale brownish-ochreous. Palpi whitish-ochreous, anteriorly suffused with grey. Thorax dark purple-fuscous. Abdomen grey. Forewings rather narrow, costa gently arched, apex obtuse-pointed, termen faintly sinuate, very oblique; dark purple-bronzy-fuscous, with greenish iridescence; an irregular shining pale greenish-brassy-ochreous streak along dorsum from base to tornus, with a white elongate mark resting on its upper edge before middle; a white transverse mark in disc before  $\frac{3}{4}$ : cilia greyish, towards tornus whitish-ochreous. Hindwings pale grey, thinly scaled, termen suffused with darker grey; cilia pale greyish.

J a v a, Preangor, 5000 feet (Sythoff); one specimen.

## LYONETIADAЕ.

*Daulocoma* n. g.

Head roughly tufted on crown, face smooth; ocelli posterior; tongue imperceptible. Antennae  $\frac{4}{5}$ , in ♂ simple, basal joint dilated, scaled, forming an eyecap, with slight pecten. Labial palpi short, drooping, filiform, pointed. Maxillary palpi obsolete. Posterior tibiae with rather bristly hairs above. Forewings 2 from angle, 3 and 4 absent, 6 and 7 stalked, 7 to costa, 8 and 9 absent, 10 and 11 from towards end of cell. Hindwings  $\frac{3}{5}$ , linear, cilia 6; 4 and 5 absent, 6 and 7 apparently stalked.

Allied to *Bedellia*, differing by shorter antennae and well-developed eyecap.

*Daulocoma latens* n. sp.

♂ 5 mm. Head pale greyish-ochreous, face, palpi, and antennae whitish-ochreous. Thorax light bronzy-greyish. Abdomen light grey. Forewings narrow-lanceolate, apex slenderly caudate; light iridescent bronzy-grey; cilia grey-whitish. Hindwings pale grey; cilia whitish-grey.

J a v a, Pekalongan (van Deventer); one specimen.

*Bucculatrix statica* n. sp.

♂ 7 mm. Head whitish, crown centrally suffused with pale ochreous. Thorax whitish, anteriorly partly suffused with pale ochreous. Abdomen pale grey. Forewings lanceolate; light brownish-ochreous, slightly and minutely speckled with fuscous, more strongly along costa; dark fuscous dots on costa near base, at  $\frac{1}{3}$ , and  $\frac{2}{3}$ ; stigmata black, first discal above

plical, near costa, second discal at  $\frac{4}{5}$ ; cilia whitish-ochreous, round apex with scattered black points. Hindwings pale grey; cilia ochreous-grey-whitish.

J a v a, Pekalongan (van Deventer); one specimen.

*Oinophila leptorrhiza* n. sp.

♂ 6 mm. Head yellow-whitish, crown yellower-tinged. Palpi whitish. Thorax whitish-yellowish, patagia dark fuscous except inner edge. Abdomen greyish, sides and ventral surface ochreous-whitish, anal tuft ochreous-whitish. Forewings very narrow, caudate; dark fuscous; an irregular pale ochreous-yellowish dorsal stripe from base edged above with white, continued as a fine irregular terminal line almost to apex, upper edge with slight projection before middle of wing and rather convex towards tornus; a cloudy yellow-whitish mark near middle of termen: cilia yellow-whitish, on costa dark fuscous with two yellow-whitish marks. Hindwings and cilia light grey.

J a v a, Pekalongan (van Deventer); one specimen. Much like *oxymenis*, but at once distinguished by wholly yellow-whitish head.

*Opogona chlorophaea* n. sp.

♀ 18 mm. Head pale fuscous, face and fillet ochreous-whitish. Palpi whitish. Thorax pale fuscous, posterior third pale yellowish. Abdomen pale greyish-ochreous. Forewings elongate-lanceolate, apex produced, acute; pale yellow; a light fuscous attenuated streak along costa from base to  $\frac{1}{4}$ ; apical  $\frac{2}{5}$  of wing pale glossy iridescent-fuscous, edge inwardly oblique from costa: cilia whitish-ochreous. Hindwings pale grey; cilia whitish-grey.

J a v a, Tengger, 2000 feet; one specimen.

*Opogona debilis* n. sp.

♀ 9 mm. Head and thorax whitish-yellowish, face and fillet whitish. Palpi, antennae, and abdomen ochreous-whitish. Forewings lanceolate; pale yellowish; small grey opposite spots on costa and dorsum in middle of wing: cilia pale yellowish. Hindwings light bronzy-grey; cilia pale greyish.

J a v a, Buitenzorg; one specimen. Allied to *icterica*.

*Asymplecta* n. g.

Head smooth, forehead forming a raised fillet between antennae, face very retreating; ocelli posterior; tongue obsolete. Antennae  $\frac{4}{5}$ , basal joint long, somewhat flattened. Labial palpi long, curved, subascending, widely diverging, thickened throughout with dense appressed scales and strongly compressed laterally, terminal joint as long as second, obtuse. Maxillary

palpi long, several-jointed, slender. Posterior tibiae rough-haired above. Forewings with apex down-turned, 1b long-furcate, 2 from angle, 2—6 approximated, 7 to costa, 11 from towards base, secondary cell well-defined. Hindwings 1, ovate-lanceolate, cilia 1; transverse vein very weak, 2—4 separate, 5 and 6 stalked, 6 to apex, 7 parallel.

Allied to *Opogona*.

*Asymplecta circumflua* n. sp.

♀ 14 mm. Head and thorax ashy-grey, fillet and face ochreous-white. Palpi whitish, with fine lateral line of grey scales. Abdomen light grey. Forewings rather narrow, costa gently arched, apex pointed, termen extremely obliquely rounded; dark ashy-grey, costal edge dark fuscous near base; a white costal line almost from base, becoming a rather irregular-edged streak posteriorly and continued to apex, on posterior part of costal edge with five rather large dark fuscous dots, apex of streak slightly extended downwards on termen: cilia white, towards tornus grey. Hindwings purple-grey, in disc and towards base paler and thinly scaled, with strong brassy reflection; cilia grey.

J a v a, Buitenzorg; one specimen.

*Ereunetis transfusa* n. sp.

♂ 8 mm. Head whitish, sides of forehead mixed with dark fuscous. Palpi white, second joint mostly dark grey, tuft irrorated with grey, terminal joint with dark grey submedian band. Thorax white, patagia and anterior margin grey. Abdomen whitish-grey. Forewings rather narrow, apex strongly upturned; whitish, irregularly irrorated with brown; markings brown sprinkled with blackish; a small spot on costa near base; subcostal and submedian spots at  $\frac{1}{3}$ ; an oblique fascia from middle of costa not reaching dorsum; a spot on costa at  $\frac{3}{4}$ ; small undefined spots on tornus, and on costa and termen towards apex: cilia grey speckled with whitish, with a few black specks. Hindwings light grey; a hyaline spot beneath cell at base; cilia grey-whitish.

J a v a, Pekalongan (van Deventer); two specimens. Allied to *transfumata* from Ceylon.

*Ereunetis ochrocrena* n. sp.

♂ ♀ 9—10 mm. Head yellow-whitish. Palpi white. Thorax whitish, patagia yellow-ochreous. Abdomen whitish. Forewings elongate, costa gently arched, apex pointed, strongly upturned, termen very oblique; ochreous-white; a thick yellow-ochreous streak along costa from base to  $\frac{3}{4}$ , costal edge dark fuscous towards base and with slender anteriorly attenuated streak of dark fuscous irroration from before middle of wing

to extremity; a thick irregular yellow-ochreous streak along fold from base to near its extremity; a similar streak from just beyond its extremity to apex, marked towards apex with a spot of blackish irroration: cilia ochreous-whitish, round apex more ochreous towards base, with two fine lines of dark fuscous specks. Hindwings pale whitish-grey, in ♂ with modified whitish scales in disc and an ochreous-whitish subcostal hair-pencil from base; cilia ochreous-whitish.

J a v a, Pekalongan (van Deventer); two specimens.

*Decadarchis inclinata* n. sp.

♂ 12 mm. Head grey-whitish, face and palpi white. Thorax whitish, shoulders dark fuscous. Abdomen whitish mixed with grey. Forewings narrow, apex pointed, strongly upturned; white mixed with grey in disc, sprinkled with coarse black scales; costal edge black towards base; a spot of dark fuscous suffusion on costa near base, connected with an undefined streak of dark fuscous suffusion along fold from near base to near middle; an oblique dark fuscous fascia from middle of costa becoming brown on fold and not reaching dorsum; an elongate spot of dark grey suffusion on costa at  $\frac{3}{4}$ , and a more or less marked bar in disc beneath this; beyond this two subconfluent brownish-ochreous irregular spots preceding a white praeapical spot edged above and beneath by blackish irroration: cilia whitish, with irregular interrupted lines of grey and black speckling. Hindwings with 5 and 6 stalked; light grey, darker posteriorly, subhyaline in cell basally, and with an elongate hyaline patch beneath cell towards base; cilia grey-whitish with two greyish shades, some black speckling at apex.

J a v a, Salatiga (Zehntner); one specimen.

*Proboloptila* n. g.

Head rough-haired, hair of forehead forming a very long narrow compact projecting tuft; ocelli posterior; tongue obsolete. Antennae  $\frac{5}{6}$ , basal joint moderately long, somewhat flattened, with pecten. Labial palpi moderate, porrected, second joint with appressed scales, slightly rough beneath, with some apical projecting bristles, terminal joint somewhat shorter, slender, tolerably pointed. Maxillary palpi several-jointed, folded, filiform. Posterior tibiae clothed with long dense rough hairs above. Forewings 2 from angle, 4 apparently absent, 6 and 7 stalked, 7 to costa, 8 absent, 9 almost connate with 7, 10 from near 9, 11 from before middle. Hindwings  $\frac{2}{3}$ , narrow-lanceolate, cilia 3; 2—4 parallel, 5 and 6 stalked, 6 to termen, 7 parallel.

Type *frontella* Wals. from West Indies, described as an *Ereunetis* (Proc. Zool. Soc. Lond. 1897, 157).

*Hectacma graphicopa* n. sp.

♀ 10 mm. Head grey. Palpi whitish, externally with a dark fuscous streak. Thorax and abdomen dark fuscous. Forewings rather narrow, costa gently arched, apex obtuse-pointed, termen slightly sinuate, extremely oblique; dark fuscous; oblique white pointed streaks from costa at  $\frac{1}{3}$  and  $\frac{2}{5}$ , hardly reaching half across wing, a slender oblique white striga at  $\frac{4}{5}$ , and a direct one beyond this; a short slightly oblique white mark from middle of dorsum; a small round black apical spot edged with white anteriorly: cilia fuscous, with three lines of whitish points, a darker apical hook. Hindwings dark fuscous; cilia fuscous.

J a v a, Preangor, 5000 feet (Sythoff); one specimen.

## TINEIDAE.

*Metasticha* n. g.

Head shortly rough-haired; ocelli posterior; tongue obsolete. Antennae  $\frac{1}{2}$ , basal joint short, without pecten. Labial palpi moderate, slightly curved, subascending, loosely scaled, terminal joint short, obtuse. Maxillary palpi short, filiform, porrected. Posterior tibiae loosely scaled. Forewings with scaletufts, 1b furcate, 2 from angle, 7 to apex, 11 from towards base. Hindwings 1, elongate-ovate, cilia  $\frac{2}{5}$ ; 2—7 nearly parallel.

Probably allied to *Tinissa*.

*Metasticha centrodoxa* n. sp.

♀ 19 mm. Head, palpi, and thorax fuscous. Forewings elongate, slightly dilated posteriorly, costa gently arched, apex obtuse, termen slightly rounded, oblique; purple suffusedly irrorated with dark fuscous, towards costa anteriorly mixed with dull greenish; plical stigma small, white, second discal forming a raised white transverse mark; a spot of ochreous-white irroration just before apex; a marginal series of white dots or marks round termen and posterior portions of costa and dorsum: cilia purplish-fuscous (imperfect). Hindwings purplish-bronzy-fuscous; darker towards termen; cilia greyish.

J a v a, Preangor, 5000 feet (Sythoff); one specimen. Not in good condition.

*Zancloipseustis* n. g.

Head densely rough-haired; ocelli posterior; tongue obsolete. Antennae nearly 1 (?), in ♂ simple, basal joint moderate, rather swollen, with anterior depression. Labial palpi long, recurved, second joint with rough projecting hairscales above and large rough projecting tuft beneath, ter-

minal joint as long as second, slender, smooth, pointed. Maxillary palpi several-jointed, folded, filiform. Posterior tibiae clothed with long hairs above. Forewings 1b furcate, 2 from angle, 7 to costa, 11 from towards base. Hindwings 1, elongate-ovate, cilia  $\frac{3}{4}$ ; 2 from very near base of cell, 3 from angle, 4 rather approximated to 3, 5—7 rather approximated.

Probably allied to *Prothinodes*.

*Zanclopseustis mucronata* n. sp.

♂ 17 mm. Head and antennae whitish. Palpi white, second joint with fuscous lateral stripe. Thorax ochreous-whitish, patagia light brownish. Abdomen whitish-ochreous. Forewings elongate, costa moderately arched, apex obtuse, termen obliquely rounded; pale whitish-ochreous; an ochreous-whitish pointed dorsal streak from base to tornus, edged above by a brown streak gradually suffused with pale brownish above; some scattered fuscous scales posteriorly, and on costal edge towards apex; a dark grey dash on tornal edge: cilia ochreous-whitish. Hindwings ochreous-whitish, with costal and suprmedian streaks of denser whitish-ochreous scales on posterior half (probably sexual); cilia ochreous-whitish.

Java; one specimen.

*Monopis brachyaspis* n. sp.

♀ 15 mm. Head and thorax ochreous-white, shoulders narrowly dark fuscous. Palpi dark fuscous, apex whitish. Forewings rather narrow, costa gently arched, apex obtuse, termen obliquely rounded; 2 and 3 out of 4, 6 and 7 short-stalked; purple suffusedly irrorated with dark fuscous; a trapezoidal white blotch extending on costa over about median fourth and reaching half across wing, narrowed downwards (cilia injured). Hindwings light bronzy-grey; cilia ochreous-grey-whitish.

Java; one specimen. Near *monachella*, but distinct, though the example is in poor condition.

*Crypsithyris enixa* n. sp.

♂ ♀ 8 mm. Head whitish-ochreous. Palpi dark fuscous, tip whitish-ochreous. Thorax whitish-ochreous sprinkled with dark fuscous. Abdomen grey. Forewings elongate, costa gently arched, apex pointed, termen very obliquely rounded; 4 and 5 separate, 7 and 8 stalked, 9 absent; pale ochreous coarsely sprinkled with dark fuscous; two or three undefined dark fuscous spots towards base; discal impression small, subhyaline, a dark fuscous spot beneath it and larger one beyond it; ill-defined dark fuscous spots on lower part of termen and at apex: cilia grey-whitish, with two dark grey shades. Hindwings 5 and 6 short-stalked; grey; cilia light grey.

Java, Batavia and Pekalongan (van Deventer); five specimens.

*Crypsithyris symphyrta* n. sp.

♀ 12 mm. Head light brownish. Palpi fuscous, tip whitish. Thorax rather dark fuscous. Abdomen greyish. Forewings elongate, rather narrow, costa gently arched, apex pointed, termen very obliquely rounded; 5 and 6 short-stalked, 7 and 8 stalked, 9 absent; fuscous, somewhat sprinkled with dark fuscous, tips of scales pale; discal impression small and hardly noticeable above, followed by a rather large spot of dark fuscous suffusion: cilia greyish, mixed with dark fuscous on basal half. Hindwings pale bronzy-grey; cilia paler.

J a v a, Pekalongan (van Deventer); one specimen.

*Crypsithyris tromerodes* n. sp.

♂ ♀ 16—19 mm. Head brown, somewhat mixed with dark fuscous on crown. Palpi dark fuscous, tip whitish. Thorax dark fuscous somewhat sprinkled with greyish. Abdomen greyish-ochreous. Forewings elongate, costa gently arched, apex obtuse-pointed, termen very obliquely rounded; 4 and 5 stalked, 7 and 8 stalked, 9—11 nearly approximated from impression; dark purplish-fuscous irregularly sprinkled with greyish pale-tipped scales; discal impression small, subhyaline, followed by an obscure cloudy darker spot, a similar spot on fold beneath it: cilia pale greyish-ochreous, with broad subbasal and postmedian greyish shades. Hindwings pale ochreous-grey; cilia whitish-grey-ochreous.

J a v a, Pekalongan (van Deventer); two specimens.

*Epactris tabifica* n. sp.

♂ 12 mm. Head, palpi, antennae, and thorax whitish, palpi thickened throughout with loose scales. Forewings elongate, costa gently arched, apex obtuse, termen rounded, rather strongly oblique; whitish; small pale ochreous costal and median spots near base, and a narrow angulated fascia at  $\frac{1}{4}$ ; a moderate rather oblique grey fascia from before middle of costa to beyond middle of dorsum; posterior half of wing beyond this suffusedly mottled with grey: cilia grey obscurely barred with whitish. Hindwings elongate-ovate, 5 and 6 short-stalked; pale brassy-grey; cilia whitish-grey.

J a v a, Preangor, 5000 feet (Sythoff); one specimen.

*Epactris micans* n. sp.

♂ 12 mm. Head and antennae ochreous-whitish. Palpi dark fuscous, terminal joint whitish. Thorax dark purple-fuscous. Abdomen grey. Forewings elongate, costa gently arched, apex tolerably pointed, termen very obliquely rounded; deep bronzy-greyish-purple, with indistinct pale speck-

ling causing a very faint marbling: cilia iridescent-purplish-grey. Hindwings light grey with strong brassy reflection; cilia pale grey.

Java, Preangor, 5000 feet (Sythoff); one specimen.

*Ischnoscia crebrescens* n. sp.

♂ 6 mm. Head light fuscous. Palpi dark fuscous, tips of joints pale. Thorax pale greyish-ochreous sprinkled with fuscous; anterior margin dark fuscous. Abdomen light grey. Forewings narrow-lanceolate; light greyish-ochreous suffusedly mixed with fuscous; stigmata represented by roundish dark fuscous spots, plical obliquely before first discal: cilia grey. Hindwings linear-lanceolate, light grey; cilia 4, pale grey.

Java, Pekalongan (van Deventer); two specimens. I am unable to ascertain accurately the neuration, but some latitude of structure in this particular is admissible.

*Lepyrotica* n. g.

Head shortly rough-haired; ocelli posterior; tongue obsolete. Antennae  $\frac{4}{5}$ , in ♂ simple, basal joint short, thickened with scales, with slight pecten. Labial palpi moderate, porrected, with appressed scales, second joint with two or three apical bristles, terminal joint rather shorter than second, obtuse. Maxillary palpi several-jointed, folded, filiform. Posterior tibiae smooth above, rough-scaled beneath. Forewings 2 from angle, 7 to costa, 11 from beyond middle. Hindwings 1, elongate-ovate, cilia  $\frac{4}{5}$ ; 2—4 parallel, 5 and 6 stalked, 7 parallel.

Allied to *Syrmologa*, to which it is apparently ancestral.

*Lepyrotica scardamycitis* n. sp.

♂ 13 mm. Head whitish, crown tinged with grey. Palpi white, second joint dark grey except tip. Thorax ochreous-grey-whitish. Abdomen pale ochreous, segmental margins whitish. Forewings elongate, rather narrow, costa slightly arched, apex obtuse, termen very obliquely rounded; whitish, sprinkled with ochreous-grey; a suffused grey spot on base of costa, and small spots at  $\frac{2}{5}$ ,  $\frac{3}{5}$ , and  $\frac{3}{4}$ ; first discal stigma black; a short suffused dark grey mark towards costa at  $\frac{3}{4}$ : cilia whitish, with indistinct interrupted line of ochreous points. Hindwings light grey; cilia whitish, suffused with pale grey towards base.

Lee ward Islands (von Hedemann); one specimen.

*Tinea proletaria* n. sp.

♂ ♀ 8—11 mm. Head light brown. Palpi dark fuscous, tip whitish. Antennae grey. Thorax rather dark fuscous mixed with greyish-ochreous. Abdomen greyish-ochreous. Forewings elongate, rather narrow, costa gently

arched, apex pointed, termen very obliquely rounded; 7 and 8 sometimes stalked; rather dark fuscous irregularly and suffusedly irrorated with greyish-ochreous; an elongate dark fuscous spot on fold towards base; stigmata represented by dark fuscous spots, plical rather elongate, somewhat before first discal, first discal smaller: cilia pale greyish-ochreous, towards tips whitish-tinged, basal half mixed with fuscous. Hindwings 5 and 6 stalked; light brassy-grey; cilia pale greyish-ochreous, whitish-tinged towards tips.

J a v a, Pekalongan (van Deventer); three specimens. Also one in my own collection from Ceylon.

*Hapsifera acrogona* n. sp.

♀ 17 mm. Head pale ochreous. Palpi pale ochreous, second joint and base of terminal mixed with dark fuscous. Thorax pale ochreous, anteriorly suffusedly mixed with dark fuscous. Forewings elongate, costa moderately arched, apex pointed, termen somewhat sinuate, oblique; 7 and 8 stalked; pale ochreous, bases of scales pale brownish; markings brown suffusedly mixed with dark fuscous; a small basal patch and oblique fascia at  $\frac{1}{4}$  almost confluent; moderate rather oblique fasciae before middle, and from  $\frac{2}{3}$  of costa to tornus; several small spots scattered along costa: cilia pale ochreous, barred with brownish, tips whitish-speckled. Hindwings dark grey; cilia grey, with darker subbasal shade.

J a v a, Preangor, 5000 feet (Sythoff); one specimen.

*Drosica memorialis* n. sp.

♂ 11 mm. Head and thorax ochreous-white, shoulders with a fuscous spot. Palpi ochreous-white, second joint with a few fuscous specks. Antennae simple. Abdomen grey, anal tuft whitish. Forewings rather narrow, costa gently arched, apex pointed, termen extremely obliquely rounded; light brownish-ochreous speckled with fuscous; costa from base to  $\frac{2}{3}$  suffused with blackish irroration, with several small whitish spots; indistinct oblique whitish streaks crossing wing before and beyond middle, and some whitish suffusion towards dorsum anteriorly; a black dot in disc before middle; large scaletufts mixed with white towards middle of costa and dorsum; an oblique fascia of blackish irroration from costa at  $\frac{2}{3}$ , not quite reaching tornus, containing large discal scaletuft mixed with grey and whitish; two or three blackish dots and some white strigulation near apex: cilia light greyish-ochreous obscurely barred with whitish. Hindwings light greyish; cilia light greyish-ochreous.

J a v a, Pekalongan (van Deventer); two specimens. Closely approaching the single African species of the genus superficially as well as

structurally, but smaller, discal scaletufts much larger, and antennae of ♂ simple, whereas in *abjectella* they are distinctly ciliated.

*Narycia epomias* n. sp.

♂ 16 mm. Head pale yellow-ochreous. Palpi short, slender, whitish-ochreous, suffused with grey towards base. Antennal ciliations 2. Thorax pale greyish-ochreous, anterior half suffused with dark purplish-grey. Abdomen light greyish. Forewings suboblong, costa moderately arched, apex rounded, termen slightly rounded, oblique; all veins present and separate; light greyish-ochreous; a wedgeshaped dark purplish-grey spot occupying basal sixth of costa, extending at base nearly to dorsum; traces of faint greyish strigulation towards apex: cilia pale ochreous. Hindwings grey; cilia pale greyish.

Java, Batavia; one specimen. I think the genus *Diplodoma* cannot be maintained as distinct from *Narycia*.

*Narycia subaenea* n. sp.

♂ 12 mm. Head yellow-whitish. Palpi moderately long, dark grey, apex yellow-whitish. (Thorax defaced.) Abdomen ochreous-whitish sprinkled with grey. Forewings elongate, costa gently arched, apex obtuse, termen obliquely rounded; 7 and 8 stalked; brassy-ochreous-whitish, strewn with small dark grey dots or strigulae in more or less regular longitudinal and transverse series; markings formed of irregular dark fuscous suffusion, darkest and strongest on costa; a basal patch occupying nearly  $\frac{1}{4}$  of wing, edge somewhat curved; a semicircular blotch occupying median third of costa and reaching half across wing; a subquadrate blotch on costa posteriorly, narrowly separated from a small apical spot; small spots on middle of termen and tornus: cilia ochreous-whitish barred with fuscous. Hindwings whitish-grey; cilia pale greyish-ochreous, tips whitish.

Java, Preangor, 5000 feet (Sythoff); one specimen.

*Melasina evagata* n. sp.

♂ 25 mm. Head pale yellow-ochreous. Palpi extremely short, fuscous. Antennal pectinations 7 at  $\frac{1}{3}$  from base, thence rapidly diminishing each way, on apical fourth reduced to short teeth. Thorax whitish-ochreous, anterior margin suffused with grey. Abdomen hairy, ochreous-grey-whitish. Forewings moderate, posteriorly dilated, costa gently arched, apex rounded-obtuse, termen rounded, rather oblique; 8 to termen; ochreous-grey-whitish; a thick pale ochreous streak along costa, base of costa grey; a grey spot towards base below middle, one in disc at  $\frac{2}{5}$ , a large spot of grey suffusion towards dorsum beyond middle, some cloudy grey dots

beneath costa from before middle to near apex, a cloudy grey quadrate spot in disc at  $\frac{3}{4}$  connected with costa by a transverse mark, and a subterminal series of irregularly placed cloudy grey dots or strigulae: cilia ochreous-whitish. Hindwings 4 and 5 stalked; whitish-grey-ochreous; cilia concolorous.

Java, Buitenzorg; one specimen. A distinct form.

#### ADELIDAE.

*Nemotois pecuniosa* n. sp.

♂ 18 mm. Head black, face shining bronze, eyes large, approximated but well separated above. Palpi clothed with very long rough blackish hairs. Antennae blackish, basal joint purple. Thorax shining coppery-bronze. Abdomen blackish. Forewings elongate, posteriorly dilated, costagently arched, apex obtuse, termen slightly rounded, oblique; 7—9 separate; yellow; a shining coppery-bronze streak along costa from base to a small silvery spot before middle, extended at base to dorsum, edged beneath by suffused black irroration; two silvery spots edged with a few black scales transversely placed and nearly confluent in disc before middle, and a third similar spot beyond upper of these and somewhat nearer costa; a rather irregular transverse black line at  $\frac{3}{5}$ , somewhat inwards-oblique from costa, followed on costa by a yellow spot beyond which is a somewhat incurved transverse shade of suffused black irroration reaching half across wing, remainder of posterior area purple irregularly suffused or irrorated with coppery-golden, towards middle of termen an undefined triangular patch of yellowish irroration with some black scales: cilia golden-purplish. Hindwings purplish-grey, thinly scaled towards base; cilia grey, with darker subbasal shade.

Sumatra, Tapanoel, in December; one specimen, "on top of Sorik Berapi near a triangulation post" (v. Hasselt). Near *aurisparsella* from Borneo, but in that species, besides other differences, the eyes of ♂ touch on crown, and the termen of forewings is less oblique.