

*Argyroploce iniqua*, n. sp.

♂. 19 mm. Head fuscous, face blackish. Palpi ascending, blackish, towards apex light brownish. Thorax dark purple-grey mixed blackish. Posterior tibiæ without tufts. Forewings dilated, termen rounded, little oblique; light brownish-grey strigulated dark fuscous, irregularly mixed violet-leadensuffusion; costa on posterior  $\frac{2}{3}$  blackish with pairs of oblique whitish strigulae; basal patch little marked, occupying  $\frac{1}{3}$  of wing, edge irregular; central fascia represented by a broad blackish transverse patch extending  $\frac{2}{3}$  across wing; a narrow dark grey leaden-speckled fascia from  $\frac{5}{6}$  of costa to tornus, confluent on costa with one along upper  $\frac{2}{5}$  of termen: cilia grey, slightly whitish-speckled. Hindwings 3 and 4 stalked; dark grey; a subdorsal groove slightly brownish-tinged; cilia pale grey, a darker subbasal shade.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower). Next *scaristis*.

*Argyroploce lasiosoma*, n. sp.

♂. 15 mm. Head, thorax dull green. Palpi greenish-grey. Abdomen dark grey, clothed above with very long dense lateral hairs on each side of dorsal ridge. Posterior tibiæ expanded with long rough dark grey hairscales above and beneath. Forewings rather dilated, termen somewhat oblique; dull bluish-green, indistinct rather oblique transverse deeper green striae; some very small indistinct whitish costal strigulae; central fascia moderate, rather oblique, partially suffused grey; an ill-defined rhomboidal blotch of grey suffusion before middle of termen; one or two dark grey strigae before apex, and a mark on apical edge: cilia grey, indistinctly barred darker. Hindwings dark fuscous, towards dorsum lighter and tinged fulvous; cilia greyish, a darker subbasal shade.

QUEENSLAND, Cairns (*Dodd*); 1 ex. (Coll. Lower).

*Argyroploce vindemians*, n. sp.

♀. 15 mm. Head, palpi, thorax reddish-purple-brown. Forewings slightly dilated, termen straight, vertical; reddish-fuscous irregularly suffused purple; costa suffused dark fuscous, more strongly posteriorly, two oblique bluish strigulae rising from white dots before middle and two beyond middle, a fifth less marked beyond these; dorsum suffused fuscous; a purple and whitish mark across apex, and a streak indicating posterior margin of ocellus: cilia red-brown, suffused purplish on outer half and towards tornus. Hindwings 3 and 4 stalked; dark fuscous; cilia grey with blue-whitish reflections, round apex suffused purple.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower).

*Argyroploce alpestis*, n. sp.

♂. 16 mm. Head, palpi, thorax whitish-fuscous somewhat mixed dark fuscous. Posterior tibiæ and basal joint of tarsi densely tufted above with whitish-grey scales. Forewings rather broad, termen rounded, slightly oblique; pale greyish-ochreous with



whitish iridescence, irregularly sprinkled or strigulated grey; basal patch somewhat darker, with scattered small blackish marks, edge running from beyond  $\frac{1}{3}$  of costa to middle of dorsum; a triangular patch extending on costa from middle to  $\frac{4}{5}$  and reaching almost to dorsum, light brownish anteriorly and dark grey posteriorly, marked on costa with four blackish spots separated by pairs of whitish strigulae, and in disc with some irregular black marking, especially a round spot in middle of posterior edge and an oblique blotch above it, between which is some slight whitish irroration; an irregular A-shaped light brownish figure marked with black standing on tornus and reaching  $\frac{4}{5}$  across wing, upper space enclosing a whitish ring, lower some leaden irroration; a small brownish spot on costa near apex, and rather dark fuscous apical spot, each preceded by a pair of whitish strigulae: cilia grey mixed dark fuscous. Hindwings 3 and 4 connate; dark grey; a subdorsal groove containing hairs, tornal angle prominent; cilia grey-whitish, a grey subbasal line.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower). *A. euplecta* has somewhat similar markings, but hindwings without sexual structures.

#### *Laspeyresia furiosa*, n. sp.

♂. 13 mm. Head orange-reddish, mixed blackish. Palpi reddish-orange somewhat mixed blackish. Thorax blackish, patagia and posterior margin mixed orange-red. Forewings broadly dilated, termen somewhat oblique; deep orange-red, irregularly marbled purple-blackish mixed leaden, some very irregular oblique marking indicating central fascia, a very oblique series of longitudinal spots beyond this; a very oblique leaden blackish-edged streak from costa beyond middle nearly to termen beneath apex; beyond this costal edge black with four oblique whitish strigulae terminated by small blue-leaden spots. Hindwings blackish; a dull light orange elongate patch in middle of disc; cilia whitish-grey, a blackish subbasal line.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower).

### COSMOPTERYGIDÆ.

#### *Labdia ejaculata*, n. sp.

♂. 8 mm. Head yellow-whitish. Palpi white, basal half and subapical ring of second joint, submedian and subapical bands of terminal joint blackish. Antennæ white ringed dark fuscous, apical half white with three black bands, basal joint white with apical half black. Thorax dark brown, apex of patagia, a spot at posterior extremity, and bar before it white. Forewings narrow-lanceolate, apex produced; fulvous-brown; an irregular yellowish-white basal spot; a rather elongate yellowish-white blotch on dorsum before middle, slightly sprinkled fulvous, sending from upper margin an irregular white line to costa at  $\frac{1}{4}$ , and from its posterior angle a slender streak to middle of disc; an oblique silvery-white line from middle of costa to dorsum before tornus,



followed by a black speck on costa and a blackish dot on dorsum, apical area beyond this wholly pale yellow: cilia yellow-whitish, above apex two grey hooks, beneath it a small dark grey dot at base. Hindwings pale greyish; cilia grey-whitish.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower).

***Labdia glaucoxantha*, n. sp.**

♂. 12 mm. Head, thorax fulvous-brown largely suffused blue-grey, face shining whitish, eyes crimson. Palpi whitish, second joint lined blackish, terminal joint with three blackish bands. Abdomen dark grey, 3 basal segments yellow-ochreous, expansible lateral yellow-ochreous hairpencils from base, anal tuft whitish. Forewings narrow-lanceolate, acute; ochreous-orange; markings glossy blue-grey; an irregular streak along basal half of dorsum, extending at base to costa; three narrow irregular oblique fasciæ, second and third dilated on costa, second furcate dorsally, third at  $\frac{2}{3}$ ; a short thick streak along apical part of costa, anterior end bent down in disc to near third fascia and submetallic: cilia light grey, round apex light ochreous-orange. Hindwings dark grey; cilia grey.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower). Near *spirocosma* from Fiji.

***Labdia petroxesta*, n. sp.**

♀. 10 mm. Head pale glossy ochreous, crown centrally suffused dark grey. Palpi pale shining ochreous, terminal joint dark grey, posteriorly whitish. Thorax dark violet-grey. Forewings elongate-lanceolate, apex produced, acute; glossy dark violet-grey: cilia concolorous. Hindwings and cilia grey.

Fiji, Nausori, May (*Veitch*); 1 ex. Type in British Museum.

***Stigmatophora clinarcha*, n. sp.**

♂ ♀. 8 mm. Head, thorax pale golden-ochreous, eyes crimson. Palpi ochreous-whitish. Abdomen dark grey, in ♂ an expansible ochreous-whitish hairpencil on each side from base, anal tuft pale ochreous. Forewings narrowly elongate-lanceolate; dark grey, blackish-mixed in disc, basal half mostly suffused whitish-ochreous, two cloudy acutely angulated transverse whitish-ochreous streaks before middle; an angulated orange band occupying apical third of wing, including a white dot on costa towards apex followed by a black mark, a white dot on tornus, and an irregular black line along termen: cilia light grey, a white spot on costal dot followed by a grey spot, a short blackish mark opposite apex, a whitish bar on tornus. Hindwings grey; cilia light grey.

QUEENSLAND, Cairns (*Dodd*); 2 ex. Type in Coll. Lower.

***Pyroderces philocarpa*, n. sp.**

♀. 9-10 mm. Head, thorax grey-whitish or pale grey. Palpi whitish, second joint with black subbasal and subapical rings, anterior edge of terminal joint black. Forewings lanceolate, acute;



grey suffusedly irrorated dark grey; cloudy whitish oblique marks from costa at  $\frac{1}{4}$  and middle, and a dot in disc beneath apex of first of these; an oblique whitish mark from dorsum towards tornus, preceded by some black scales on fold; second discal stigma small, cloudy, black, followed by some white scales; two or three cloudy white dots or dashes on costa towards apex; a præapical black dash close and parallel to termen, edged on both sides and anteriorly with whitish: cilia grey-whitish, base sprinkled dark grey. Hindwings light grey; cilia whitish-grey.

MESOPOTAMIA, Baghdad, bred April from fallen dates (fruits of *Phoenix dactylifera*) collected December (Y. R. Rao); 3 ex.

✓ **PECHYPTILA**, n. g.

Head smooth; ocelli posterior; tongue developed. Antennæ over 1, in ♂ simple, basal joint elongate, with slight pecten. Labial palpi very long, slender, recurved, second joint slightly thickened with appressed scales, terminal joint longer than second, acute. Maxillary palpi rudimentary. Anterior tibiæ with tuft of long hairscales; posterior tibiæ clothed with long rough hairs above. Forewings 2 from towards angle, 7 and 8 stalked, 7 to costa, 11 from middle. Hindwings under 1, narrow-lanceolate, cilia  $2\frac{1}{2}$ ; 2-7 separate.

Allied to *Persicoptila*.

**Pechyptila rhodocharis**, n. sp.

♂. 13 mm. Head, thorax pale rosy-ochreous mixed blackish. Palpi whitish-rosy-ochreous, terminal joint externally dark fuscous, tip whitish. Tuft of anterior tibiæ rose-pink, tip whitish. Forewings narrowly elongate-lanceolate; brown suffused rose-pink; markings dark fuscous mixed black; a costal streak from  $\frac{1}{5}$  to  $\frac{4}{5}$ , narrowest towards middle, costal edge dark fuscous to base; a thicker streak along dorsum from base to tornus; two fine dashes from base; a slender streak in disc from  $\frac{1}{3}$  to  $\frac{3}{5}$ ; some irregular marks and scattered black scales posteriorly: cilia light grey, on basal half rose-pink with slight blackish-grey bars on termen, above apex a blackish projecting hook. Hindwings and cilia dark grey.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower).

**Persicoptila vinosa**, n. sp.

♀. 12 mm. Head, thorax light bronzy-ochreous, face and palpi ochreous-whitish. Posterior tibiæ tufted with light dull purplish-rosy scales mixed blackish. Forewings very narrow, widest near base, thence narrowed to acute apex; yellow; two purple patches, irrorated and on margins suffused dark grey, first occupying basal third of wing but leaving extreme base rosy, edge retracted on costa, second forming a fascia at  $\frac{3}{4}$  broadly expanded downwards: cilia yellow, beneath tornus grey. Hindwings whitish-grey; cilia ochreous-whitish.

QUEENSLAND, Cairns (*Dodd*); 1 ex. Type in Coll. Lower.



*Persicoptila anthomima*, n. sp.

♀. 12 mm. Head light shining ochreous. Palpi whitish-ochreous. Thorax light ochreous, a crimson central streak anteriorly, patagia with crimson bar behind shoulder, beyond this suffused grey. Abdomen pale ochreous. All tibiæ light crimson, with grey-tipped tufts. Forewings narrowly elongate-lanceolate, apex caudate; light yellow-ochreous, irregularly and obscurely mixed pale greyish irroration and light crimson suffusion; short cloudy oblique streaks of grey suffusion from dorsum at base and  $\frac{1}{4}$ ; stigmata represented by cloudy grey spots, plical beneath first discal, placed at middle of wing, space between this and second discal forming a clear light ochreous-yellow fascia, a streak of light crimson suffusion along costa from middle of this fascia to beyond second discal; a short apical crimson streak, limited anteriorly by an oblique dark grey mark: cilia pale ochreous, slightly tinged grey and crimson. Hindwings light grey; cilia light grey, on lower part of termen and dorsum becoming pale ochreous.

Fiji, Cuvu, June (*Greenwood*); 1 ex. (British Museum).

✓ *DIATONICA*, n. g.

Head smooth; ocelli posterior; tongue developed. Antennæ  $\frac{4}{5}$ , in ♂ serrulate, shortly ciliated, basal joint elongate, with well-developed pecten. Labial palpi moderately long, smooth, curved, ascending, terminal joint slightly shorter than second, acute. Maxillary palpi minute. Posterior tibiæ clothed with very long hairs above. Forewings 2 from angle, 4 absent, 6 closely approximated to 7 at base, 7 and 8 stalked, 7 to costa, 11 from middle. Hindwings  $\frac{2}{3}$ , narrow-lanceolate, cilia 4; 2-5 parallel, transverse vein partially obsolete between 3 and 4, 6 and 7 long-stalked.

Probably a development of *Limnoecia*.

*Diatonica macrogramma*, n. sp.

♂. 18 mm. Head light grey, face whitish-suffused. Palpi white, a fine grey lateral line. Thorax light grey, apex of patagia whitish. Forewings very narrowly elongate-lanceolate; light glossy grey, costal edge dark fuscous towards base; a slender dark fuscous median streak from base to apex; a less well-marked slender fuscous subdorsal streak from base to tornus, dorsum within this narrowly whitish: cilia pale grey. Hindwings grey, subhyaline in disc basally; cilia pale grey.

VICTORIA, Gisborne, March; 1 ex. (Coll. Lower).

*Limnoecia triplaneta*, n. sp.

♂ ♀. 9-12 mm. Head ochreous-white. Palpi ochreous-white, base dark fuscous, a fine black lateral line on terminal joint towards apex. Thorax dark fuscous. Forewings elongate-lanceolate; dark fuscous; three ochreous-white blotches, first semi-circular on dorsum before middle, second and third transverse, rounded beneath, from costa at middle and  $\frac{5}{6}$ ; in ♀ a whitish dot on tornus: cilia grey. Hindwings and cilia grey.



QUEENSLAND, Cairns; 3 ex. Type in Coll. Lower. Close to *tetraplanetis*, but in that species there is a large tornal spot, the palpi have a dark fuscous median band on terminal joint, and the ♂ has an expansible hairpencil on sides of thorax beneath forewings.

***Limnoecia platychlora* Meyr.**

A ♂ from Cairns has a pale yellow spot on posterior extremity of thorax, but is certainly the same species.

***Limnoecia combota*, n. sp.**

♂. 10 mm. Head ochreous-whitish, back of crown mixed grey. Palpi whitish, some grey sprinkling beneath apex of second and terminal joints. Thorax whitish, anterior margin suffused dark fuscous, patagia blackish with white tips. Forewings narrow-lanceolate; dark fuscous; an ochreous-white median dot at base; three ochreous-white transverse fasciæ, first very narrow, rather excurved, second median, moderately broad, third at  $\frac{3}{4}$ , finely cut in middle to form a transverse costal spot and slender suboblique tornal mark: cilia grey. Hindwings and cilia pale grey.

MESOPOTAMIA, Baghdad, at light, May (*Y. R. Rao*); 1 ex.

***Limnoecia bisignis*, n. sp.**

♂. 10 mm. Head white. Palpi rather stout, white, basal joint, and base and oblique subapical band of terminal joint dark fuscous. Antennæ dark fuscous. Thorax white, patagia dark fuscous; from base of thorax a pale rose-pink hairpencil posteriorly on each side of abdomen (abdomen missing). Forewings elongate-lanceolate; dark fuscous, faintly purplish-tinged; markings ochreous-white; an oblique irregular narrow pointed spot from middle of costa; a semicircular spot on costa towards apex; a narrow streak along dorsum from base to tornus, upper edge rather triangularly prominent before its middle and less distinctly at apex: cilia dark fuscous with traces of paler shades, ochreous-white on præapical spot and beneath tornus. Hindwings grey: cilia light grey, becoming ochreous-white on anterior half of lower margin.

QUEENSLAND, Townsville, August (*Dodd*); 1 ex. (Coll. Lower).

***Limnoecia capsigera*, n. sp.**

♂. 8 mm. Head ochreous-whitish. Palpi whitish, terminal joint dark grey anteriorly. Thorax whitish-grey-ochreous. Forewings narrowly elongate-lanceolate; dark fuscous; a pale ochreous transverse band extending from before middle to  $\frac{5}{8}$ , anteriorly suffused whitish, posteriorly edged by a white dark-edged line strongest on costa, discal stigmata within this band, blackish, second larger, white-circled, posterior portion of band somewhat grey-sprinkled, especially towards costa, a dark fuscous costal dot between stigmata: cilia grey, darker round apex. Hindwings and cilia grey.

Fiji, Nausori, May (*Veitch*); 1 ex. (Brit. Mus.).



*Limnoecia zotica*, n. sp.

♂ ♀. 10–11 mm. Head whitish-ochreous. Palpi whitish, basal band and subapical ring of second joint, base and two rings of terminal joint blackish. Thorax whitish-ochreous marked brown and blackish, in ♂ expansible brownish hairpencils from sides of metasternum reaching middle of abdomen. Forewings elongate-lanceolate; whitish-ochreous, whiter on edges of dark markings, some slight brownish speckling; a basal fascia of brownish irroration and some black scales, widest on costa; a moderate brown antemedian fascia, somewhat blackish-mixed on edges, especially on costa; a small blackish dot in disc close beyond this, and a larger elongate one beyond middle; a brownish fascia at  $\frac{3}{4}$ , expanded and blackish-mixed on costa, including in middle a black dot ringed with whitish and connected with tornus by a whitish line; a dark brown streak from disc just beyond this to costa above apex, costal extremity marked with two white specks, some black scales above and beneath anterior extremity: cilia grey, on upper part of termen suffused whitish-ochreous, on costa dark fuscous towards apex, whitish anteriorly. Hindwings and cilia grey.

QUEENSLAND, Cairns, November (*Dodd*); 2 ex.

*Limnoecia fuscipalpis*, n. sp.

♀. 11 mm. Head bronzy-fuscous. Palpi bronzy-fuscous, anteriorly dark grey. Thorax bronzy-fuscous, somewhat pale-speckled, posterior extremity dark fuscous. Forewings elongate-lanceolate; bronzy-fuscous irrorated dark fuscous and ochreous-whitish; very obscure indistinct spots of cloudy whitish suffusion on costa at  $\frac{1}{4}$ , middle, and  $\frac{3}{4}$ , and on dorsum somewhat beyond the first two of these; stigmata cloudy, blackish, discal approximated, plical obliquely before first discal, second discal large; an apical spot of blackish suffusion, preceded by a small cloudy ochreous-whitish spot in cilia: cilia whitish mixed fuscous, base sprinkled dark fuscous. Hindwings bluish-grey; cilia grey.

FIJI, Lautoka, in mountains, May (*Greenwood*); 1 ex. (Brit. Mus.). Much like *syntaracta*, but palpi wholly different.

*Limnoecia polyactis*, n. sp.

♀. 10 mm. Head shining dark grey. Palpi dark fuscous, tip whitish. Thorax dark grey, apex of patagia whitish. Abdomen dark grey, three basal segments yellow-ochreous. Forewings narrowly elongate-lanceolate; silvery-whitish, somewhat sprinkled irregularly grey; spots of grey suffusion on dorsum before and beyond middle and at tornus; a somewhat oblique blackish median fascia, anteriorly broadly triangularly dilated towards costa, preceded by some pale ochreous suffusion towards costa; a narrow black streak along posterior  $\frac{2}{5}$  of costa, with an irregular projection from its middle connected with a black dash in disc towards apex, these surrounded with pale brownish-ochreous suffusion; apex of wing black cut off by a fine leaden bar: cilia grey, at apex whitish,



with a sinuate projecting white line, two black bars above this and two blackish hooks beneath it. Hindwings dark grey; cilia grey.

QUEENSLAND, Cairns, November (*Dodd*); 1 ex. (Coll. Lower).

✓ new name for **MOTHONICA**, n. g. See *The Entomologist* vol 55, 27/19

Head with appressed scales; ocelli posterior; tongue developed. Antennae  $\frac{3}{4}$ , in ♂ simple, basal joint elongate, without pecten. Labial palpi very long, recurved, second joint with long dense triangular tuft of scales beneath, terminal joint as long as second, thickened with scales roughly projecting towards middle posteriorly, acute. Maxillary palpi very short, filiform, appressed to tongue. Posterior tibiae rough-haired above. Forewings with tufts of scales; 2 from towards angle, 6 and 7 out of 8, 7 to costa, 11 from middle. Hindwings  $\frac{1}{2}$ , linear-lanceolate, cilia 4; 2-5 parallel, 6 and 7 stalked.

Allied to *Trachydora*.

**Mothonica obusta**, n. sp.

♂. 11 mm. Head, thorax white, shoulders narrowly blackish. Palpi white, basal half of second joint dark fuscous. Forewings elongate-lanceolate; white; an irregular black fascia anteriorly suffused brown from base of costa to  $\frac{1}{4}$  of dorsum, including a tuft of scales near dorsum; a semioval blackish blotch on costa before middle, beneath it a black dot, disc round this broadly and irregularly suffused light brownish; an oblong blackish postmedian blotch on costa, beneath edged light brownish suffusion; a blackish triangular spot on apical portion of costa, touching preceding in disc: cilia pale grey, suffused white on upper part of termen, on costa dark fuscous. Hindwings grey; cilia pale greyish.

VICTORIA, Gisborne, January; 1 ex. (Coll. Lower).

**Trachydora dionysias**, n. sp.

♂. 14 mm. Head, palpi, thorax bronzy-grey, darker-sprinkled. Forewings narrowly elongate-lanceolate; dark fuscous-purplish; an irregular greyish-ochreous streak along costa from near base, becoming broader but suffused with purple-greyish posteriorly; fine white transverse linear marks in disc at  $\frac{1}{3}$  and beyond middle, second followed by a spot of white suffusion: cilia grey, round apex some white speckling. Hindwings and cilia grey.

SOUTH AUSTRALIA, Penola, November; 1 ex. (Coll. Lower).

**Syntomactis charmosyna**, n. sp.

♂. 12 mm. Head white. Palpi pale greyish-ochreous sprinkled black and ringed white. Thorax grey mixed black, patagia white, a brownish-ochreous spot on shoulder. Abdomen grey. Forewings narrowly elongate-lanceolate; grey irregularly irrorated black; a broad white stripe with a few black specks and two or three small brownish-ochreous dots along costa from base to middle, hence gradually diverging and pointed to  $\frac{3}{4}$ , irregular suffused ochreous-brown spotting round apical portion of this and on apical



fourth of wing; six dark tufts with white ridges on dorsal half of wing: cilia grey speckled white. Hindwings dark grey, thinly scaled towards base; cilia light greyish, suffused pale ochreous-yellowish on lower margin.

SOUTH AUSTRALIA, Adelaide, October; 1 ex. (Coll. Lower).

*Batrachedra salina*, n. sp.

♂. 12 mm. Head white, a grey central stripe on crown. Palpi white, second joint with median and subapical dark fuscous rings. Thorax white, a grey central stripe, dark fuscous linear longitudinal marks on shoulders. Forewings very narrow, moderately pointed, acute; white, towards costa sprinkled blackish-grey; a grey streak irrorated blackish from base along dorsum nearly to apex, upper edge before middle marked with a black dash: cilia light grey. Hindwings grey; cilia light grey.

SOUTH AUSTRALIA, Adelaide, October; 1 ex. (Coll. Lower). Next *sterilis*.

LYONETIADÆ.

*Opostega horaria*, n. sp.

♀. 5 mm. Head, thorax shining white. Forewings lanceolate, apex short-caudate; shining white; a golden-bronze median fascia edged with some dark fuscous scales, broad on costa, on lower half largely dilated to extend on dorsum from  $\frac{1}{5}$  to tornus; a minute black apical dot, preceded by faint pale ochreous suffusion: cilia white, above apex suffused pale ochreous with a greyish shade. Hindwings light grey; cilia pale greyish.

QUEENSLAND, Cairns, October (*Dodd*); 1 ex. (Coll. Lower).

*Lyonetia penthesilea*, n. sp.

♀. 7 mm. Head, palpi, thorax shining white, a fringe of erect hairs behind frontal fillet. Forewings very narrow, apex caudate; shining white; an ochreous-bronze apical patch, edge inwards-oblique from  $\frac{3}{5}$  of costa to  $\frac{2}{5}$  of dorsum, rather convex, rather dark fuscous; a suffused grey streak crossing wing towards apex, thence along lower margin to edge of patch; a black apical spot partly in cilia, edged anteriorly by a white mark: cilia pale greyish, on costa white with two fine dark fuscous bars, on termen with a fine curved dark antemedian line. Hindwings grey; cilia light grey.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower). Nearest *præfulva*.

*Lyonetia scriptifera*, n. sp.

♀. 9 mm. Head, palpi, thorax white, crown smooth. Forewings very narrow, acute; white, partially ochreous-tinged; a short fuscous transverse mark from dorsum towards base; an incomplete fuscous line from  $\frac{1}{3}$  of dorsum to middle of costa, nearly obsolete near extremities; a very oblique line from middle of dorsum to beneath costa at  $\frac{3}{4}$ , lower half slender, fuscous, upper half strong, blackish; a strong blackish dash from disc at  $\frac{3}{4}$  to



costa just above apex; cilia white, a sinuate blackish line near base on upper part of termen not reaching apex, a projecting blackish apical hook extended on base of costal cilia. Hindwings whitish-grey; cilia whitish, on costa whitish-grey.

QUEENSLAND, Cairns, October (*Dodd*); 1 ex. (Coll. Lower).

*Opogona fatima*, n. sp.

♂. 10 mm. Head, thorax, abdomen dark fuscous, face brassy-whitish. Palpi whitish-ochreous, upper edge dark grey. Forewings narrowly elongate-lanceolate; dark purplish-fuscous; a slender transverse whitish line at  $\frac{2}{3}$ ; cilia dark grey, at apex a whitish spot. Hindwings dusky orange, apex suffused dark fuscous; cilia greyish-fulvous, becoming dark grey round apex.

QUEENSLAND, Cairns, September (*Dodd*); 1 ex. (Coll. Lower).

*Catalectis pharetropa*, Meyr.

A fine example from same locality enables following corrections and additions: head light grey on crown, face white; forewings with somewhat oblique ridge of raised scales crossing wing from second (antemedian) black costal dot, the white tornal striga also raised; apex of wing suffused whitish and preceded by a black dash.

*Erechthias articulosa*, n. sp.

♂. 8-9 mm. Head white. Palpi white, basal half of second joint fuscous. Thorax fuscous. Forewings elongate-lanceolate; white, some scattered fuscous specks; markings ochreous-brown, irregularly speckled dark fuscous; a narrow basal fascia dilated towards costa; a triangular spot on costa at  $\frac{1}{3}$ ; a narrow longitudinal mark sprinkled black in disc beyond middle; a subquadrate spot on costa at  $\frac{4}{5}$ , and some undefined irroration opposite; a black apical dot: cilia white slightly speckled fuscous. Hindwings light grey, disc tinged whitish, costa suffused darker grey, a pale greyish hairpencil from base lying along costa; cilia whitish.

QUEENSLAND, Cairns (*Dodd*); 2 ex. Type in Coll. Lower.

*Erechthias lampadacma*, n. sp.

♀. 13 mm. Head, thorax whitish-grey, face whitish. Palpi whitish, second joint with tuft of rough projecting scales beneath, a dark fuscous line on basal half. Forewings elongate-lanceolate, apex strongly upturned; light ochreous-grey; costal edge dark fuscous towards base; a few scattered black scales near costa and posteriorly in disc; apical fourth suffused dark fuscous, including a small suffused orange apical spot and a whitish subcostal mark terminated by a small triangular whitish costal spot preceding it: cilia grey, above apex with two indistinct dark grey lines. Hindwings pale grey, with brassy-yellowish gloss; cilia whitish-grey.

CEYLON, Negombo, bred from coconut, October (*Hutson*); 1 ex. (Brit. Mus.).



*Erechthias euthydroma*, n. sp.

♀. 10 mm. Head white, sides of crown narrowly brown. Palpi white, a streak of dark fuscous irroration. Thorax brown. Forewings narrow, apex obtuse-pointed, termen slightly sinuate, extremely oblique; white; markings brown mixed blackish; a broad submedian streak from base to apex, leaving dorsum narrowly white; very oblique wedge-shaped strigæ from costa before and beyond middle; a very oblique line from costa at  $\frac{3}{4}$  running into submedian streak near apex; a suffused line along termen: cilia whitish, a fine dark brown median line, on termen also three brown shades, above apex a dark fuscous hook on tips. Hindwings grey; cilia ochreous-grey-whitish.

QUEENSLAND, Cairns (*Dodd*); 1 ex. (Coll. Lower).

*Decadarchis psammaula*, n. sp.

♂. 17 mm. (Head injured.) Thorax white, patagia brownish-ochreous. Forewings rather narrow, apex pointed, termen very obliquely rounded; white; a rather broad brownish-ochreous submedian streak from base to upper half of termen, apex infuscated: cilia whitish-ochreous, on costa white. Hindwings and cilia whitish-ochreous.

TAHITI, bred from larva "on spun tips of coconut leaves" (*Simmonds*); 1 ex. (Brit. Mus.).

*Decadarchis heterogramma*, n. sp.

♂ ♀. 16–18 mm. Head white, crown sometimes suffused pale ochreous. Palpi densely tufted beneath, white, second and terminal joints each with a greyish-ochreous band. Thorax white, four brownish-ochreous stripes. Forewings narrow, apex pointed, termen very obliquely rounded; white; a slightly downcurved brown streak from base of costa to costa at  $\frac{3}{4}$ ; a very oblique indistinct brownish-ochreous striga from costa before middle, sometimes reaching this streak; a short indistinct brownish streak along fold towards base; a very oblique brown or dark brown wedge-shaped streak from dorsum before middle reaching half across wing; a moderate or rather thick dark brown streak from dorsum beyond middle to apex: cilia white, a fine brown basal line and less marked median line. Hindwings 5 and 6 stalked, 7 connate with their stalk; in ♂ whitish, in ♀ light grey; cilia concolorous.

Fiji, Lautoka, Cuvu, March, July, September (*Greenwood, Veitch*); three specimens. Type in Brit. Mus.

*Decadarchis pachygramma*, n. sp.

♀. 13 mm. Head whitish centrally suffused brownish-ochreous. Palpi ochreous-whitish, second joint with very long rough projecting scales beneath, terminal joint with dark fuscous subapical ring. Thorax ochreous-whitish partially tinged brownish-ochreous. Forewings elongate-lanceolate, apex upturned; 7 and 8 stalked; glossy pale whitish-ochreous or whitish; a fine extremely oblique



fuscous striga from costa at  $\frac{1}{3}$ , and two posteriorly; a narrow brown longitudinal streak from base of costa to middle of termen sending from its middle a thicker and posteriorly darker streak to costa at  $\frac{3}{4}$ ; a brown streak along fold from near base finely attenuated anteriorly, dilated posteriorly and blackish-edged above, continued as a moderate brown partially blackish-mixed fascia along termen to apex; some brown suffusion along anterior half of dorsum: cilia ochreous-whitish, towards base sprinkled dark fuscous. Hindwings grey; cilia pale greyish-ochreous.

CEYLON, Negombo, October, bred from coconut (*Hutson*); 2 ex. (type in Brit. Mus.). Also JAVA, Pekalongan, 1 ex. in Leyden Mus.

## HELIODINIDÆ.

### *Hieromantis praemiata*, n. sp.

♂. 10 mm. Head, palpi shining pearl-whitish. Thorax very pale grey, bronzy-ochreous stripes on inner side of patagia and each side of back not reaching posterior margin. Forewings very pale grey; a narrow pale ochreous-yellow almost basal fascia; a large round black spot ringed with pale ochreous-yellow and centred with a white dot resting on middle of dorsum; a similar round black spot obliquely above and beyond this but not touching it, edged anteriorly with a white mark and otherwise with pale ochreous-yellow extended upwards as a narrow fascia to costa, and containing a silvery mark; a narrow transverse pale ochreous-yellow fascia beyond middle; apical third of wing darker grey, edged anteriorly by a whitish streak: cilia grey, paler towards tornus. Hindwings grey; cilia light grey.

Fiji, mountains near Lautoka, April (*Greenwood*); 1 ex. (Brit. Mus.).

### *Stathmopoda effossa*, n. sp.

♂. 13 mm. Head shining pale ochreous. Palpi whitish. Thorax pale ochreous. Forewings very narrow, widest near base, thence narrowed to acute apex; pale ochreous; a dark grey costal streak from base to  $\frac{4}{5}$ ; a broader light grey dorsal streak from base to tornus, its median third suffused ferruginous, a small darker grey spot on upper edge of its extremity; apical area tinged grey and ferruginous; cilia light greyish-ochreous. Hindwings pale grey; cilia light greyish-ochreous.

SOUTH AUSTRALIA, Adelaide, October; 1 ex. (Coll. Lower).

### *Stathmopoda rubripicta*, n. sp.

♀. 12 mm. Head pale greyish, a red bar on crown, face brassy-whitish-ochreous. Palpi ochreous-whitish. Thorax pale greyish, four red longitudinal marks. Forewings very narrow, widest near base, acute; whitish-ochreous tinged grey; an obscure pale fuscous longitudinal streak in median third of disc, dilated



posteriorly; short cloudy darker fuscous streaks on fold before and beyond  $\frac{1}{3}$ : cilia light grey. Hindwings grey; cilia light grey.

QUEENSLAND, Cairns (?), (*Dodd*); 1 ex. (Coll. Lower).

***Stathmopoda sphendonita*, n. sp.**

♀. 12 mm. Head whitish-ochreous, a dark fuscous bar on crown, face and palpi whitish. Thorax whitish-ochreous, two slender curved dark fuscous bars. Forewings very narrow, widest near base, acute; whitish-yellowish; a fine dark fuscous line from beneath costa near base to costa at  $\frac{1}{3}$ , thence along costa to near apex, one somewhat interrupted in disc from before middle to a stronger mark before apex, and one along fold from base but interrupted between first two spots and not reaching termen; three leaden-metallic spots edged dark fuscous irroration, first beneath fold near base, second in disc at  $\frac{1}{3}$ , third above tornus, first two connected by a dark fuscous subdorsal line: cilia pale greyish, towards base overlaid whitish-yellowish, at apex a spot of darker grey suffusion. Hindwings grey; cilia pale grey.

QUEENSLAND, Cairns, November (*Dodd*); 1 ex. (Coll. Lower).

***Stathmopoda nephocentra*, n. sp.**

♀. 11–13 mm. Head, thorax light ochreous, face and palpi whitish-ochreous. Forewings very narrow, widest near base, acute; light ochreous, costa tinged grey; stigmata cloudy, grey, sometimes some ferrugineous suffusion on edges of these or above or below them, plical close below first discal: cilia light greyish, base overlaid light ochreous. Hindwings light grey; cilia pale ochreous-greyish.

NEW SOUTH WALES, Broken Hill, September; SOUTH AUSTRALIA, Adelaide, February; 2 ex. Type in Coll. Lower.

***Stathmopoda trichrysa* Meyr.**

A ♂ received shows that this species (p. 319) must be referred here; antennæ with long fine ciliations, middle tibiæ densely tufted above with long dark fuscous hairscales tipped white (posterior legs missing).

***Stathmopoda balanarcha*, n. sp.**

♂. 11 mm. Head violet-fuscous, face whitish. Palpi grey. Thorax light ochreous-yellow, anterior margin dark violet-fuscous. Forewings very narrow, widest near base, thence narrowed to acute apex; fuscous, with faint violet tinge; a light ochreous-yellow basal patch occupying rather more than  $\frac{1}{4}$  of wing, edge rather oblique, including a short thick dark violet-fuscous streak extending over basal seventh of costa, rest of costal edge finely dark fuscous: cilia grey. Hindwings and cilia grey.

ASSAM, Shillong, September (*Fletcher*); 1 ex.

***Stathmopoda bathrodelta*, n. sp.**

♀. 13 mm. Head light yellow, face shining ochreous-whitish, collar dark fuscous. Palpi ochreous-whitish, second joint with



fuscous streak. Thorax dark fuscous. Forewings very narrow, acute; yellow; a fuscous basal patch occupying about  $\frac{1}{6}$  of wing, costal width twice dorsal, edge somewhat irregular, dark fuscous towards dorsum; a fuscous patch occupying apical  $\frac{2}{5}$ , edge slightly inwards-oblique from costa, marked scattered black scales: cilia light grey. Hindwings grey, paler towards base; cilia light grey.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower).

***Stathmopoda diclidias*, n. sp.**

♂. 9 mm. Head shining brassy-whitish, back of crown light fuscous. Palpi whitish. Antennæ light grey. Thorax rather dark fuscous. Forewings very narrow, widest near base, narrowed to acute apex; rather dark fuscous; two shining whitish fasciæ, first very broad, extending from near base to  $\frac{2}{5}$ , second narrow, cloudy, outwards-oblique from tornus to costa: cilia pale grey. Hindwings grey; cilia pale grey.

QUEENSLAND, Cairns (*Dodd*); 1 ex. (Coll. Lower). Also a ♀ from Yarrabah in Coll. Stockholm Museum.

***Stathmopoda grammatopis*, n. sp.**

♀. 10 mm. Head shining white. Palpi white, a dot beneath apex of second joint, and fine line of terminal joint dark fuscous. Thorax white, slightly infuscated dorsally. Forewings very narrow, widest near base, thence narrowed to very acute apex; whitish; slight dark fuscous costal and dorsal marks towards base; a rather dark fuscous subtriangular fascia before middle, broad on dorsum and narrow on costa, containing a pale ochreous spot above middle and elongate subdorsal spot; a pale ochreous rhomboidal spot outlined with rather dark fuscous on tornus; a fine rather dark fuscous line from this along termen to apex, and still finer line along apical part of costa: cilia whitish-grey, round apex white. Hindwings light greyish; cilia whitish-grey.

QUEENSLAND, Cairns, October (*Dodd*); 1 ex. (Coll. Lower).

***Stathmopoda trifida*, n. sp.**

♂. 12 mm. Head, palpi, thorax shining white. Forewings very narrow, widest very near base, thence narrowed to acute apex; shining white; a grey dot on tornus before middle; an inverted flattened-triangular grey spot on tornus, a lighter grey dash above this, and another obliquely anterior beneath costa: cilia ochreous-whitish. Hindwings light grey, whitish-tinged towards base; cilia ochreous-whitish.

QUEENSLAND, Cairns (*Dodd*); 1 ex. (Coll. Lower).

**ETHIRASTIS, n. g.**

Head smooth, rounded; ocelli posterior; tongue developed. Antennæ nearly 1, in ♂ moderately ciliated, basal joint very long, slender, without pecten. Labial palpi very long, recurved, smooth, terminal joint longer than second, acute. Maxillary palpi very short, filiform, appressed to tongue. Posterior tibiae rough-haired



above except just before apex, with apical projecting tuft of bristly hairs. Forewings ♂ beneath with subcostal area clothed with extremely long fine expansible hairs; 1*b* furcate, 2 from near angle, 7 and 8 stalked, 7 to costa, 11 from beyond middle. Hindwings under 1, linear-lanceolate, cilia 3; 2-4 remote, 5-7 approximated towards base.

Type *sideraula* Meyr. (Vol. I, p. 315); ♂ characters taken from a second specimen kindly communicated by Dr. A. J. Turner.

## BLASTOBASIDÆ.

### ✓ *Blastobasis ochrobathra*, n. sp.

♂ ♀. 13-14 mm. Head light ochreous-yellowish, crown sometimes slightly sprinkled fuscous. Palpi pale ochreous-yellowish, in ♂ irrorated dark fuscous, stout, nearly equally thickened throughout, tolerably pointed, in ♀ more or less sprinkled fuscous, terminal joint moderate, acute, variable in length from half to as long as second. Antennæ ♂ with strong subbasal notch, ciliations 1. Thorax light ochreous-yellowish, somewhat infuscated anteriorly. Forewings rather dark purplish-fuscous, bases of scales more or less whitish-ochreous, forming a suffused irroration; base of wing narrowly pale yellow-ochreous; discal stigmata well-marked, dark fuscous, an additional dot beneath second: cilia light greyish. Hindwings pale ochreous-grey, veins obscurely darker; cilia whitish-ochreous-grey.

BRITISH GUIANA, Golden Grove, bred from blossoms of coconut palm, June (*Cleare*); 6 ex. Type in Brit. Mus.

## CYCLOTORNIDÆ.

### *Cyclotorna ementita*, n. sp.

♂. 18 mm. Head whitish-grey, sidetufts grey. Antennæ flat-compressed, grey. Thorax dark fuscous, apex of patagia grey. Forewings subovate, termen obliquely rounded; 7 and 8 stalked; grey, irrorated dark grey and whitish; a large irregular undefined patch of dark grey suffusion in disc before middle, a small dark grey spot beneath middle, and a transverse dark grey blotch in disc at  $\frac{2}{3}$ , occupying nearly half width of wing: cilia rather dark grey. Hindwings dark fuscous; cilia rather dark grey.

SOUTH AUSTRALIA, Pinnaroo; 1 ex. (Coll. Lower). Darker-coloured than *experta*, with larger postmedian blotch, and 7 and 8 of forewings stalked.

## EPERMENIADÆ.

### *Epermenia pithanopis*, n. sp.

♂. 11 mm. Head white. Palpi white, apical half of second joint sprinkled grey. Thorax white, patagia tinged ochreous. Fore-



wings very narrow, widest near base, thence narrowed to pointed apex; whitish, costal half suffused pale ferruginous-brownish except undefined spaces about  $\frac{1}{3}$  and  $\frac{2}{3}$ ; a streak of pale ferruginous-brownish suffusion along fold; discal stigmata very small, black; three groups of projecting black scales from dorsal margin: cilia whitish-ochreous becoming greyish-tinged towards tornus, on termen with a line of black irroration. Hindwings grey; cilia pale greyish.

BOMBAY, Dharwar, February (*Maxwell*); 1 ex.

*Epermenia trileucota*, n. sp.

♂. 11 mm. Head, palpi, thorax grey, pale-speckled. Forewings very narrow, moderately pointed; grey; a cloudy blackish dot towards costa at  $\frac{1}{5}$ ; three white rhomboidal spots on dorsum from base to middle, between these blackish spots obliquely surmounted by ochreous-brown spots, between these and costa some undefined dark fuscous irroration; a small black dot in disc above second white spot, and a larger one at  $\frac{2}{3}$ , beyond this some slight ochreous-brown suffusion; two small dark fuscous spots on costa towards apex; scattered short projecting scales from dark dorsal spots: cilia pale greyish, at apex a spot of dark fuscous irroration, beneath this two short hooked darker shades, elsewhere some scattered dark fuscous specks towards base. Hindwings light grey; cilia pale greyish.

SOUTH AUSTRALIA, Port Victor, November; 1 ex. (Coll. Lower).

*Epermenia phorticopa*, n. sp.

♂. 7 mm. Head, palpi, thorax dark bronzy-fuscous, pale-speckled, palpi slender. Forewings narrow, costa slightly arched, apex pointed, termen extremely oblique; dark purplish-fuscous, grey-speckled; an obscure grey spot above tornus: cilia grey, some projecting dark grey scales from dorsum. Hindwings and cilia grey.

MADRAS, N. Arcot, September (*Maxwell*); 1 ex.

✓ *Epermenia metrothetis*, n. sp.

♀. 15 mm. Head, thorax white or grey-whitish, shoulders greyer. Palpi grey, tip whitish. Forewings rather narrow, costa gently arched, apex pointed, termen extremely oblique; 7 and 8 stalked; light grey irrorated white, slightly sprinkled dark fuscous; some slight dots of blackish irroration along costa; black dots in disc at  $\frac{1}{3}$ ,  $\frac{2}{3}$ , and  $\frac{3}{4}$ , last larger; apical fourth clouded purplish-grey suffusion, scattered dark fuscous scales; in one example a short whitish-ochreous dash at tornus: cilia pale whitish-ochreous, round apex dark fuscous irrorated white, slight black scale-projections from dorsum before and beyond middle of wing. Hindwings grey; cilia pale greyish.

CANADA, Toronto, July (*Parish*); 2 ex.



✓ *Epermenia syncrata*, n. sp.

♂. 10–11 mm. Head, thorax ochreous-whitish, sometimes sprinkled or wholly suffused grey. Palpi second joint above with erect hairscales, ochreous-whitish irrorated dark fuscous. Forewings narrow, costa almost straight, arched near pointed apex, termen extremely obliquely rounded; 7 and 8 stalked; pale brownish-ochreous more or less suffusedly irrorated dark grey, apical  $\frac{3}{5}$  irregularly suffused dark brown, in one example basal  $\frac{2}{5}$  ochreous-whitish slightly sprinkled grey; spots of blackish irroration in disc beyond middle and at  $\frac{2}{3}$ ; a small blackish apical spot, edged anteriorly whitish suffusion: cilia light brownish-ochreous sprinkled black, towards tornus grey, a spot of black irroration beneath apex, three dorsal scaleteeth irrorated black, first two large. Hindwings dark grey; cilia grey.

BRAZIL, Para, July; PERU, Iquitos, Jurimaguas, March to May (*Parish*); 4 ex.

## GRACILARIADÆ.

✓ *Acrocercops pylonias*, n. sp.

♂. 7 mm. Head, palpi, thorax white. Forewings narrow, moderately pointed; brown; markings shining white, black-edged; three broad fasciæ, rather narrowed towards costa, first towards base, expanded on dorsal half to base, second median, third at  $\frac{3}{4}$ , less broad; a fine somewhat oblique transverse line before apex; an apical dot: cilia pale greyish, base brown round apex. (Hindwings missing.)

PERU, Iquitos, May (*Parish*); 1 ex. Near *nolckeniella*.

*Acrocercops tricalyx*, n. sp.

♂. 8 mm. Head, thorax shining white, patagia except inner edge bronzy-brown. Palpi white, apical half of second joint and base of terminal fuscous. Forewings very narrow, moderately pointed; bronzy-brown; three rounded-triangular shining white black-edged dorsal blotches, first touching costa at  $\frac{1}{4}$ , rather broadly extended on dorsum to base, second connected by black and white irroration with costa beyond middle, third narrower, extending from tornus to apex, receiving posteriorly an oblique white strigula from costa edged anteriorly with black suffusion; a white blackish-edged apical dot: cilia light grey, round apex white, at apex with projecting dark grey bar, above this a white dot between basal and apical dark grey marks. Hindwings grey; cilia light grey.

QUEENSLAND, Cairns, November (*Dodd*); 1 ex. (Coll. Lower). Extremely like the Indian *cylicota*, but certainly distinct by quite differently marked palpi.

✓ *Acrocercops anthogramma*, n. sp.

♀. 9 mm. Head ochreous-whitish, back of crown infuscated. Palpi very slender, whitish, terminal joint infuscated anteriorly



towards middle. Thorax whitish, anteriorly suffused light fuscous. Forewings narrow, short-pointed; light fuscous; an elongate whitish blotch along basal third of dorsum; an elongate shining white blotch along dorsum from middle to near tornus, posteriorly expanded and angle projecting more than half across wing, end edged above fold by a short fine blackish strigula; apical area beyond this chestnut-brown, including an oval light fuscous spot above tornus, an oblique violet-silvery striga from a white mark on costa at  $\frac{2}{3}$ , a fine somewhat curved deep violet line from  $\frac{5}{6}$  of costa to beyond tornus becoming silvery-whitish at extremities, and a deep violet dot at apex: cilia grey, base violet-shining round apex. Hindwings dark fuscous; cilia grey.

BRAZIL, Parintins, October (*Parish*); 1 ex.

✓ **Acrocercops cyclogramma**, n. sp.

♂. 8 mm. Head, thorax white, patagia fuscous. Palpi slender, white. Forewings very narrow, moderately pointed; dark grey; a narrow ochreous-white streak along dorsum from base to  $\frac{2}{3}$ , thence very obliquely upwards to disc; a very oblique curved fine white blackish-edged striga from costa at  $\frac{2}{3}$ , lying in a semicircular orange costal blotch from which a narrow streak runs to dorsum near beyond dorsal streak; orange blotch edged beneath and posteriorly by a blackish line and then by a silvery line with white and grey reflections resting on termen, beyond this a blue-blackish terminal dot, apex of wing suffused dark fuscous: cilia grey, round apex whitish with base violet-blue within a blackish line, a blackish apical hook, a white spot on costal end of silvery line. Hindwings dark grey; cilia grey.

PERU, Iquitos, March (*Parish*); 1 ex. Allied to *microphis* and *chalinopa*.

✓ **Acrocercops microphis**, n. sp.

♂. 9 mm. Head, thorax white, patagia fuscous. (Palpi injured.) Forewings very narrow, moderately pointed; dark grey; a narrow white dorsal stripe from base to tornus, partially tinged ochreous, with a very oblique acute wedged shaped projection from beyond its middle, and nearly interrupted by a strigula of ground-colour just beyond this; a very oblique fine pale violet-grey striga from a white costal dot at  $\frac{2}{3}$ , preceded by a streak of brown suffusion; a fine transverse violet line at  $\frac{5}{6}$ ; apical area beyond this dark brown centred with a minute linear bright silvery dot, edges dark grey pale-speckled, at apex violet: cilia light grey, round apex whitish, two dark grey apical hooks. Hindwings dark grey; cilia grey.

BRAZIL, Parintins, October (*Parish*); 1 ex. Near *leuconota*.

✓ **Acrocercops camptochrysa**, n. sp.

♀. 8 mm. Head ochreous-whitish, sidetufts brown. Palpi smooth, ochreous-whitish. Thorax ferruginous-brown. Forewings narrow, short-pointed; ferruginous-brown; a narrow ochreous-



whitish dorsal steak from base to tornus; an oblique wedgeshaped ochreous-whitish streak from costa at  $\frac{3}{5}$ ; a curved-bent golden-metallic line from a whitish dot on costa at  $\frac{5}{6}$  to tornus: a blackish apical dot: cilia grey, base violet-shining round apex. Hindwings and cilia dark fuscous.

BRAZIL, Manaos, November (*Parish*); 1 ex.

***Acrocercops ennychodes*, n. sp.**

♂. 7 mm. Head, thorax whitish mixed grey. Palpi slender, whitish, apex of second joint dark grey. Forewings elongate-lanceolate; grey irrorated white; four small cloudy white spots on median third of costa separated by dark grey suffusion; apical third of wing blackish-grey, apex blackish: cilia grey, round apex two blackish lines with some adjacent whitish suffusion, a small whitish spot in costal cilia at  $\frac{3}{4}$ , and a whitish basal mark at apex. Hindwings dark fuscous; cilia grey. Forewings beneath blackish.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower).

***Acrocercops habroscia*, n. sp.**

♂ ♀. 11–12 mm. Head light grey. Palpi smooth-scaled, grey. Thorax white, variably suffused grey anteriorly. Forewings narrow, short-pointed, obtuse; white; markings grey or fuscous, with slight violet gloss; an elongate blotch on costa about  $\frac{1}{4}$ , and smaller one beneath fold rather anterior and almost confluent with it; spots above and below fold beyond these, and sometimes a costal spot; apical half of wing nearly occupied by five approximated slightly oblique transverse fasciæ or streaks, first two broader, irregular, sometimes interrupted in disc or broken into spots dorsally, next two slender, last præapical, moderate, browner, marked with a round black spot: cilia light grey, round apex white with basal and apical thirds light brownish, short white basal bars above and below tornus. Hindwings dark grey; cilia grey, at apex a whitish spot.

Fiji, Cuvu, bred in June from 'galls' (mines?) in leaves of *Calophyllum inophyllum* (*Guttiferae*) (*Greenwood*); 8 ex. Type in Brit. Mus.

✓ ***Acrocercops chloronympha*, n. sp.**

♀. 12–13 mm. Head, thorax pale green, face shining brassy-whitish. Palpi very long and slender, ochreous-whitish. Forewings very narrow, moderately pointed, acute; light green; extreme costal edge dark grey on anterior half, some slight whitish tinge beneath this, on posterior half a rather thick grey costal streak crossed by five cloudy whitish spots; a cloudy whitish apical dot: cilia grey. Hindwings dark grey; cilia grey.

BRAZIL, Manaos, November (*Parish*); 2 ex.

***Acrocercops retrogressa*, n. sp.**

♂. 9 mm. Head white. Palpi smooth, white, second joint with dark grey lateral line. Thorax white, patagia fuscous. Forewings



very narrow, moderately pointed, acute; rather dark bronzy-fuscon; a narrow white dorsal streak from base to tornus, occupying  $\frac{1}{4}$  of wing, upper edge straight, with a subtriangular prominence at  $\frac{4}{5}$  of its length and another at apex, dorsal edge suffused whitish-ochreous from  $\frac{1}{3}$  to  $\frac{3}{4}$ ; fine white black-edged oblique strigulae from costa at  $\frac{2}{3}$  and  $\frac{5}{6}$ , reaching nearly across wing, first terminating in apical prominence of dorsal streak and extended backwards on costa as a fine white black-edged line to  $\frac{1}{4}$ ; a silvery dot at apex, blackish-edged anteriorly: cilia grey, on costa with whitish mark on præapical strigula and white blackish-edged wedge-shaped spot on apical dot, round apex whitish with dark grey line. Hindwings rather dark grey; cilia grey.

SOUTH AUSTRALIA, Adelaide, October; 1 ex. (Coll. Lower). Nearest *parallela*, which has dorsal streak broader with edge sinuate posteriorly, and other differences.

**Acrocercops grammatacma, n. sp.**

♂. 8 mm. Head white. Palpi slender, white, second joint dark fuscous towards apex. Forewings very narrow, moderately pointed; fuscous; a narrow shining white straight-edged dorsal streak from base to apex, on apical fourth black-edged; a white black-edged subcostal line from  $\frac{3}{4}$  to apex: cilia white, beneath tornus pale greyish, at apex with two fine projecting blackish hooks. Hindwings light grey; cilia pale greyish.

QUEENSLAND, Cairns; 1 ex. (Coll. Lower).

**Acrocercops rhothiastis, n. sp.**

♂. 9 mm. (Head missing). Thorax white, patagia grey. Forewings very narrow, moderately pointed; dark fuscous; costal edge white except towards extremities; dorsal half from base to tornus mainly occupied by oblique subconfluent white strigulation; two fine very oblique white strigulae from costa towards apex, second continued transversely across wing before apical spot; some irregular longitudinal or very oblique white strigulation from tornus along lower part of termen; a subquadrate black apical spot finely edged white above and beneath: cilia white, a black basal line and two fuscous shades. Hindwings rather dark grey; cilia grey.

S. NIGERIA, Ibadan, bred August from pupa on *Bridelia macrantha* (*Euphorbiaceae*) (*Pomeroy*); 1 ex. (Brit. Mus.).

✓ **Acrocercops desmochares, n. sp.**

♀. 6 mm. Head whitish. Palpi slender, whitish, second joint with dark fuscous subapical band, terminal joint with traces of dark rings. Forewings very narrow, moderately pointed; dark grey, pale-speckled; a slender oblique white streak from costa at  $\frac{1}{4}$  reaching half across wing; from this a straight yellow-whitish subcostal line, blackish-edged beneath, runs to second and is interrupted by first of three somewhat oblique curved transverse violet-grey-whitish submetallic lines, first median, third towards apex, between second and third a black subcostal mark; fine pale



yellowish subdorsal dashes, black-edged beneath, preceding each of these lines, also one in disc before third, and one towards costa before apex: cilia grey, above apex two blackish hooks. Hindwings dark grey; cilia grey.

BRAZIL, Manaos, November (*Parish*); 1 ex.

***Acrocercops plectospila*, n. sp.**

♀. 12 mm. Head, thorax white. Palpi rather thickened, white, second joint fuscous except apex, base of terminal joint fuscous. Forewings very narrowly elongate-lanceolate; light brownish, costal  $\frac{2}{5}$  suffused blackish; a serrate-edged white streak along dorsum from base to beyond tornus, cut by blackish spots at first three fasciæ, first spot with two or three slightly projecting scales from dorsum; four transverse fasciæ formed of groups of whitish lines, first beyond  $\frac{1}{4}$ , angulated, second median, broadest, quadruple on costa, subfurcate towards dorsum, third and fourth angulated, fourth præapical, its lower portion reduced to a line of black and white speckling; an apical spot of dark fuscous suffusion: cilia grey-whitish, a grey subapical line. Hindwings grey; cilia light grey.

QUEENSLAND, Cairns (*Dodd*); 1 ex. (Coll. Lower).

***Acrocercops doloploca*, n. sp.**

♂. 8 mm. Head, thorax white. Palpi white, second joint shortly tufted beneath, dark fuscous except apex, terminal joint with two dark fuscous rings. Forewings very narrow, moderately pointed; light brownish, irrorated fuscous on edges of markings; a series of almost confluent white spots occupying dorsal area beneath fold, and a series of less distinct spots along costa, these series coalescing on the basal area to form a patch reaching to near  $\frac{1}{3}$ ; a narrow white fascia beyond middle, furcate on lower half; some irregular white streaking about  $\frac{3}{4}$ , beyond this a short streak running to costa near apex edged beneath by a blackish streak, from middle of which a white bar runs to termen, groundcolour beneath black streak coppery-tinged: cilia pale greyish, round apex whitish with a median blackish line. Hindwings grey; cilia light grey.

QUEENSLAND, Cairns, October (*Dodd*); 1 ex. (Coll. Lower).

✓ ***Acrocercops perturbata*, n. sp.**

♂ ♀. 7-9 mm. Head, thorax whitish. Palpi white, second and terminal joints each with two fine dark fuscous rings. Forewings very narrow, moderately pointed; pale ochreous, suffusedly irrorated dark fuscous, especially on margins of markings; markings white; two spots on dorsum anteriorly, a flattened-triangular median blotch, and an elongate blotch posteriorly, these variable and sometimes partially connected on dorsum; an irregular series of variable spots or marks along costa, one at  $\frac{3}{5}$  tending to be connected by an oblique streak with anterior angle of posterior dorsal blotch, beyond this a blackish subcostal streak sometimes edged with white; a transverse silvery line at  $\frac{5}{6}$ ; beyond this an



oblique blackish dash to costa before apex: cilia white, towards tornus greyish, on costa grey, at apex a blackish hook. Hindwings and cilia grey.

PERU, Jurimaguas, Iquitos, March to May; BRAZIL, Teffé, December (*Parish*); 7 ex.

***Acrocercops trisigillata*, n. sp.**

♂. 11 mm. Head, thorax fuscous. Palpi dark fuscous, second joint rough at apex beneath, terminal joint with indistinct whitish basal, median, and apical rings. Forewings very narrow, parallel-sided, shortly obtuse-pointed; dark fuscous, costal half suffused blackish, dorsal half obscurely marked transversely with light greyish and posteriorly some small whitish marks; three round leaden spots in disc from  $\frac{1}{3}$  to  $\frac{3}{4}$ ; a fine curved leaden transverse line near apex: cilia grey, round apex with bluish iridescence and obscure darker lines. Hindwings dark fuscous; cilia grey.

QUEENSLAND, Cairns, October (*Dodd*); 1 ex. (Coll. Lower).

✓ ***Gracilaria hexameris*, n. sp.**

♂. 6 mm. Head, thorax whitish, shoulders sprinkled fuscous. Palpi whitish, second joint with dark fuscous subapical ring, terminal joint with two fuscous rings. Antennæ white, basal joint grey with black tip. Forewings narrow, moderately pointed; light brownish-ochreous, irregularly sprinkled dark fuscous; three slender oblique whitish fasciæ, third median; a narrow oblique whitish streak from costa at  $\frac{2}{3}$  reaching half across wing; two slender irregularly oblique whitish streaks crossing wing posteriorly, last finely interrupted on veins; extreme tip dark fuscous: cilia pale ochreous-greyish, at apex a whitish patch with blackish median bar, above and below this patches of dark grey suffusion. Hindwings and cilia purplish-grey.

BRAZIL, Manaos, November (*Parish*); 1 ex.

✓ ***Gracilaria phiaropis*, n. sp.**

♂. 9 mm. Head, thorax pale ochreous, irregularly sprinkled white and blackish. Palpi white, basal and apical bands of second joint, and subapical ring of terminal joint dark fuscous. Antennæ white, basal joint marked blackish. Forewings very narrow, short-pointed; pale ochreous irregularly irrorated dark fuscous; markings white edged dark fuscous or blackish irroration; groups of small spots forming fasciæ near base and before middle, latter followed by a small cloudy blackish spot beneath costa; similar marbling along dorsum posteriorly and termen to apex; two similarly formed fine oblique streaks from costa posteriorly, and a dot before a black apical spot; a rough projecting blackish scale-tooth from dorsum before middle: cilia dark grey. Hindwings dark fuscous; cilia dark grey.

PERU, Iquitos, March (*Parish*); 1 ex.



✓ *Gracilaria semiclausula*, n. sp.

♀. 7 mm. Head whitish, sides and back of crown grey. Palpi dark fuscous, terminal joint whitish, base and two rings dark fuscous. Thorax grey. Forewings narrow, moderately pointed; rather dark violet-grey; markings yellow-whitish edged blackish; an irregular transverse spot from dorsum at  $\frac{1}{4}$ ; somewhat oblique streaks from costa at  $\frac{1}{3}$  and  $\frac{2}{3}$  reaching half across wing; a slender transverse median fascia, slightly interrupted with blackish in disc; an irregular blackish transverse line at  $\frac{5}{6}$ ; a yellow-whitish apical dot edged blackish anteriorly: cilia violet-grey speckled darker. Hindwings rather dark grey; cilia grey.

BRAZIL, Parintins, October (*Parish*); 1 ex. Near *octopunctata*.

✓ *Gracilaria anthobaphes*, n. sp.

♂ ♀. 9–11 mm. Head purple-bronzy, face whitish. Palpi whitish, terminal joint with dark fuscous subapical band. Thorax bronzy-purple, a brassy-yellow postmedian blotch. Forewings narrow, costa gently arched, apex pointed, termen extremely oblique; deep coppery-purple; markings brassy-yellow; an elongate spot along basal fourth of dorsum; a rather oblique transverse blotch from costa at  $\frac{1}{3}$  reaching fold or sometimes nearly to dorsum; a flattened-triangular or semioval blotch on costa beyond  $\frac{2}{3}$ , and a small spot on tornus opposite: cilia grey, base scaled purple. Hindwings and cilia grey.

CANADA, Lake Muskoka, July, August (*Parish*); 6 ex.

*Gracilaria scutigera*, n. sp.

♂. 9 mm. Head, thorax fuscous-ochreous. Palpi ochreous-whitish sprinkled fuscous, terminal joint irrorated dark fuscous except base. Forewings very narrow, parallel-sided, moderately pointed; light brownish-ochreous irrorated fuscous; a short yellow-whitish oblique streak from costa near base; a pale yellow subtriangular blotch edged with some black scales from middle of costa, apex reaching dorsum, posterior edge obtusely angulated above middle, a minute black strigula in blotch on costa; costal  $\frac{3}{4}$  between this blotch and preceding streak, and on a patch beyond it, darker-infuscated; a cloudy whitish dot on costa at  $\frac{2}{3}$ : cilia grey, darker round apex. Hindwings and cilia grey.

QUEENSLAND, Cairns, November (*Dodd*); 1 ex. (Coll. Lower). Near *peltophanes*.

## COLEOPHORIDÆ.

✓ *AGONOXENA*, n. g.

Head with appressed scales, face very retreating; ocelli small, posterior; tongue developed. Antennæ  $\frac{5}{6}$  (?), in ♂ simple, basal joint very elongate, rather stout, flattened, subconcave beneath, without pecten. Labial palpi long, recurved, diverging, thickened with scales, flat-compressed, and roughened anteriorly throughout,



terminal joint shorter than second, hardly pointed. Maxillary palpi very short, filiform, appressed to tongue. Posterior tibiæ clothed with long rough hairs above. Forewings 1 *b* long-furcate, 2-4 parallel, remote, 5 absent, 7 to costa, 11 from middle. Hindwings  $\frac{3}{5}$ , narrow-lanceolate, cilia 2; no cell, 2 free, 3 and 4 absent, 5 and 6 stalked, 7 free.

An aberrant form of doubtful reference.

*Agonoxena argaula*, n. sp.

♂ ♀. 15 mm. Head, palpi whitish-ochreous. Thorax whitish-ochreous, sometimes a central whitish stripe with brownish suffusion on each side of it. Forewings elongate, rather narrow, costa gently arched, more strongly towards base, apex pointed, termen extremely obliquely rounded; pale ochreous, scattered dark brown scales; a rather narrow white dorsal streak from base to tornus, sometimes obsolete, edged above with dark brownish suffusion which is continued along termen to apex; above this suffusion an irregular white streak from above tornus to costa before apex, sometimes also obsolete; sometimes a dark brown streak along fold, and an oblique streak beneath costa towards  $\frac{2}{3}$ ; cilia whitish-ochreous. Hindwings and cilia whitish-ochreous.

FIJI, Lautoka, May (*Veitch*), and Suva, bred September from larvæ 'feeding on leaves of coconut' (*Simmonds*). Curiously flattened in aspect, probably adapted for concealment in sheathing of leaves.

*Coleophora tremefacta*, n. sp.

♂ ♀. 11 mm. Head, palpi, thorax white, patagia faintly tinged yellowish. Antennæ white, ringed light ochreous-grey except towards base, basal joint somewhat rough anteriorly. Forewings narrowly elongate-lanceolate; pale ochreous-yellowish; very undefined suffused white streaks on veins, and on anterior half of costa and dorsum, their margins very irregularly strewn with scattered blackish-grey scales: cilia whitish, on costa white. Hindwings whitish-grey; cilia whitish.

SOUTH AUSTRALIA, Adelaide, Largs Bay, February; 2 ex. Type in Coll. Lower.

*Coleophora lepyropis*, n. sp.

♂ ♀. 8-10 mm. Head, palpi, antennæ, thorax ochreous-whitish, antennæ simple. Forewings narrowly elongate-lanceolate; ochreous-whitish, veins indistinctly and suffusedly streaked pale brownish-ochreous: cilia ochreous-whitish, towards tornus grey-whitish. Hindwings pale grey; cilia grey-whitish.

BRAZIL, Obidos, August, September (*Parish*); 5 ex.

PSYCHIDÆ.

*Elinostola agriodes*, n. sp.

♂. 17 mm. Head, thorax, abdomen fuscous. Antennæ dark fuscous. Forewings rather elongate-triangular, costa posteriorly



moderately arched, apex rounded, termen slightly rounded, oblique; 7 and 8 stalked; membrane pale fuscous, thinly clothed dark fuscous hairscales: cilia pale brownish. Hindwings 4 and 5 stalked; dark fuscous; cilia fuscous-whitish.

QUEENSLAND, Brisbane, bred November (*Dodd*); 1 ex. (Wals. Coll. 18738). Case 16 mm., covered with irregularly disposed tolerably appressed fragments of bark. This and following species differ from the typical species of the genus and from one another in certain particulars of neurulation as specified, but without impairing the distinction of the genus. This species is characterised by the peculiar cilia.

#### *Elinostola panagria*, n. sp.

♂. 16 mm. Head, antennæ, thorax, abdomen rather dark fuscous. Forewings nearly as in *agriodes*, but costa more evenly arched and therefore wing rather broader anteriorly; 7 and 8 separate; membrane pale fuscous, thinly clothed dark fuscous hairscales: cilia fuscous. Hindwings 4 and 5 stalked; dark fuscous; cilia fuscous.

QUEENSLAND, Brisbane, bred October (*Dodd*); 1 ex. (Wals. Coll. 18737). Case 18 mm., clothed with fragments of bark, mostly larger and some more strongly projecting than in *agriodes*.

### HYPONOMEUTIDÆ.

#### *Ethmia iphicrates*, n. sp.

♂ ♀. 28 mm. Head white. Palpi long, white, basal and apical thirds of second joint, and submedian and apical bands of terminal black. Thorax white, spots on shoulders, one dorsal anterior, one on each side of back, and one posterior black. Abdomen grey, anal segment of ♀ blackish. Forewings white; markings black; an irregular elongate spot along basal fifth of costa; an irregular transverse fasciate blotch from dorsum at  $\frac{1}{4}$ , its apex reaching extremity of this; a streak along dorsum from this to  $\frac{3}{4}$ , with an irregular projection before middle; broad irregular converging fasciæ from costa before middle and at  $\frac{4}{5}$  uniting below middle and continued to dorsum at  $\frac{2}{3}$ ; a large dot beneath costa beyond middle, and sometimes a slender costal streak between these; a transverse fasciate subterminal blotch confluent above with preceding fascia, and also confluent with a triangular apical spot; a large præternal dot, and a marginal series round posterior part of costa and termen: cilia white (imperfect). Hindwings grey; cilia light grey.

KENIA COLONY (*Anderson*); 2 ex. Type in Brit. Mus.

### TINEIDÆ.

#### ✓ *ANALYTARCHA*, n. g.

Head rough-haired; ocelli posterior; tongue obsolete. Antennæ  $\frac{5}{6}$ , in ♂ simple, basal joint moderate, with pecten. Labial palpi



moderate, porrected, second joint loosely scaled, with some apical bristles, terminal joint shorter, filiform. Maxillary palpi several-jointed, folded, filiform. Posterior tibiæ clothed with long hairs above. Forewings 2 from towards angle, 7 to costa, 11 from before middle. Hindwings under 1, ovate-lanceolate, cilia nearly 2; cell open between 3 and 4, 4 and 5 rising out of 6, 7 separate.

**Analytarcha cyathodes**, n. sp.

♂. 10 mm. Head whitish-ochreous, back of sidetufts dark fuscous. Palpi ochreous-whitish. Thorax dark fuscous. Forewings rather narrow, apex obtuse-pointed, termen very obliquely rounded; dark purple-fuscous sprinkled blackish; a whitish-ochreous dorsal streak from near base to  $\frac{3}{5}$ , edge angular-prominent towards extremities and sinuate in middle; a whitish-ochreous rounded-oblong blotch on costa beyond middle, reaching half across wing; a whitish-ochreous dot in disc at  $\frac{2}{3}$ , and two or three marginal specks round apex: cilia purplish-grey with two dark fuscous lines, on middle of termen a whitish spot. Hindwings brassy-grey; cilia grey.

QUEENSLAND, Duaringa, September; 1 ex. (Coll. Lower).

✓ **TRISSOCHYTA**, n. g.

Head densely rough-haired; ocelli posterior; tongue obsolete. Antennæ  $\frac{3}{4}$ , basal joint moderate, with slight pecten. Labial palpi moderate, porrected, with appressed scales, second joint with some apical bristles, terminal joint shorter than second, obtuse. Maxillary palpi several-jointed, folded, filiform. Posterior tibiæ clothed with long hairs above. Forewings 2 from angle, 4 and 5 approximated, 7 and 8 out of 6, 7 to costa, 11 from before middle. Hindwings 1, lanceolate, cilia over 1; 3 and 4 approximated, 5 and 6 out of 7.

Allied to *Demobrotis*.

**Trissochyta acraspis**, n. sp.

♀. 12 mm. Head, thorax fuscous, minutely speckled whitish. Forewings narrow, costa moderately arched, apex pointed, termen straight, extremely oblique; fuscous, thinly speckled whitish, and strewn with small pale ochreous dots or strigulae, especially on margins of dark markings; some black irroration along costa anteriorly; disconnected dashes of black irroration on fold, and two above middle of disc; a tranverse series of three strong black dashes about  $\frac{2}{3}$ ; five small blackish spots on posterior half of costa; a strong elongate-oval black spot terminating in apex: cilia light greyish-ochreous, basal  $\frac{2}{3}$  irrorated fuscous and blackish. Hindwings light grey; cilia pale greyish-ochreous.

N. INDIA, Dehra Dun, April (*Beeson*); 1 ex.

✓ **PSEPHOLOGA**, n. g.

Head rough-haired; ocelli posterior; tongue rudimentary. Antennæ  $\frac{3}{4}$ , in ♂ simple, basal joint moderate, without pecten.



Labial palpi moderate, obliquely ascending, second joint densely clothed with rough projecting scales beneath, terminal joint short, scaled, obtuse. Maxillary palpi obsolete. Posterior tibiæ shortly rough-scaled above. Forewings 1 *b* furcate, 2 from towards angle, 7 to costa, 11 from towards base. Hindwings 1, elongate-ovate, cilia  $\frac{2}{3}$ ; 2 remote, 3-7 tolerably parallel.

Of rather doubtful affinity:

***Psephologa centrogramma*, n. sp.**

♂ ♀. 18-19 mm. Head, palpi, thorax ochreous-whitish. Forewings rather narrow, costa gently arched, apex obtuse-pointed, termen very obliquely rounded; white or ochreous-whitish, all veins suffusedly lined greyish-ochreous; series of irregular blackish-grey dots beneath anterior half of costa, close above and below fold, round apical part of costa and along dorsum and termen, and two or three scattered dots in disc: cilia white, median and apical greyish lines sprinkled black. Hindwings grey-whitish, veins finely greyish; cilia white.

MESOPOTAMIA, Shergat, at light, April (*Y. R. Rao*); 2 ex.

***Hapsifera baliopsamma*, n. sp.**

♂. 23-25 mm. Head, thorax pale ochreous irregularly spotted blackish-grey irroration. Palpi ochreous irrorated blackish. Forewings rather narrow, costa slightly arched, apex obtuse, termen very obliquely rounded; 2 and 3 separate, 8 and 9 out of 7; pale brownish-ochreous, irregularly speckled dark fuscous, tending to form indistinct strigulation, and tinged pale greyish suffusion; numerous dark fuscous dots and small spots along costa; pale ochreous tufts edged posteriorly blackish dots representing stigmata, plical slightly beyond first discal, an additional tuft beneath second discal, and one towards costa at  $\frac{4}{5}$ ; similar small tufts and black dots along termen and posterior part of dorsum: cilia pale ochreous, barred greyish, base sprinkled dark fuscous specks. Hindwings rather dark grey; cilia pale ochreous, a grey subbasal shade.

MESOPOTAMIA, Shergat, at light, April (*Y. R. Rao*); 2 ex.

✓ **SCHEDIASTIS, n. g.**

Head densely rough-haired; ocelli posterior; tongue obsolete. Antennæ  $\frac{3}{5}$ , in ♂ strongly fasciculate-ciliated, fascicles on basal half rising on one side from slender paired filaments, basal joint tufted with long hairs. Labial palpi moderate, subascending, second joint tufted beneath with long dense projecting hairscales, with two or three lateral bristles at apex, terminal joint about as long as second, slender, loosely scaled, obtuse. Maxillary palpi short, simple (apparently). Forewings 2 from towards angle, 5 and 6 short-stalked, 7 absent, 11 from before middle. Hindwings 1, elongate-ovate, cilia  $\frac{4}{5}$ ; 3 and 4 approximated at base, 5-7 nearly parallel.

Near *Barbaroscardia*.



*Schediastis epiphracta*, n. sp.

♂. 15 mm. Head ochreous-white. Palpi ochreous-white, second joint and tuft dark fuscous except anterior edge. Thorax whitish, shoulders dark fuscous. Forewings elongate, moderate, costa gently arched, apex rounded-obtuse, termen obliquely rounded; ochreous-white, some scattered ochreous and fuscous scales; markings dark fuscous; a quadrate spot on costa towards base, connected with base by a narrow irregular costal streak; a moderate irregular transverse fascia at  $\frac{2}{5}$ ; a small spot on dorsum at  $\frac{3}{4}$ ; a rather narrow fascia from  $\frac{2}{3}$  of costa to tornus, with a downward-directed triangular prominence in middle of anterior edge; a small irregular transverse spot from costa towards apex: cilia ochreous-whitish. Hindwings light greyish; cilia ochreous-whitish.

PALESTINE, Haifa, July (*Buxton*); 1 ex. (Brit. Mus.).

*Lepidoscia tetraphragma*, n. sp.

♂. 14 mm. Head ochreous-whitish, sides of crown suffused dark fuscous. Palpi roughscaled, dark fuscous, above ochreous-whitish. Thorax dark fuscous, patagia white except shoulders. Forewings elongate, costa gently arched, apex obtuse, termen obliquely rounded; 7 absent; dark purplish-fuscous; extreme base, four direct transverse fasciæ, and apex ochreous-white, third fascia interrupted below middle: cilia grey, basally mixed dark fuscous, a white patch round apex. Hindwings and cilia rather dark fuscous.

S. AUSTRALIA, Adelaide; 1 ex. (Coll. Lower).

*Lepidoscia lainodes*, n. sp.

♂. 16 mm. Head whitish-ochreous, face light fuscous. Antennal ciliations 3. Thorax purplish-fuscous. Forewings costa gently arched, slightly sinuate towards middle, termen rounded, rather strongly oblique; 7 absent; purplish-bronzy-fuscous; markings whitish; subcostal and dorsal dots at  $\frac{1}{3}$ ; a fascia of strigulation from middle of costa to  $\frac{2}{3}$  of dorsum, interrupted below middle; a transverse mark from costa at  $\frac{2}{3}$ ; a terminal series of indistinct dots: cilia purplish-grey, a darker subbasal shade. Hindwings clothed with hairscales, grey; cilia grey.

QUEENSLAND, Brisbane, May (*Dodd*), bred from short cylindrical case covered with rather large fragments of bark; 1 ex. (Wals. Coll. 19815).

*Lepidoscia herbicola*, n. sp.

♂. 13 mm. Head, thorax grey sprinkled whitish. Forewings elongate, termen rather strongly oblique; grey suffusedly irrorated whitish, with small scattered rather dark fuscous strigulæ; a transverse fuscous blotch in disc before middle; an irregular inwardly oblique fuscous fascia from costa at  $\frac{3}{4}$ , reaching about  $\frac{2}{3}$



across wing: cilia light grey suffusedly mixed whitish. Hindwings rather dark grey; cilia grey, a darker basal shade.

QUEENSLAND, Brisbane, October (*Dodd*), bred from case formed of silk covered with long pieces of grass-stem (?) placed longitudinally, some projecting much beyond it; pupa-case without spines; 1 ex. (Wals. Coll. 23984).

***Narycia sparsa*, n. sp.**

♂. 10 mm. Head, thorax pale whitish-ochreous. Antennal ciliations 1. Forewings moderate, costa moderately arched, termen obliquely rounded; 7 and 8 coincident; pale whitish-ochreous, some small scattered grey strigulæ in disc; a small roundish cloudy grey spot on end of cell; a marginal series of grey dots round posterior half of costa and termen; cilia pale whitish-ochreous. Hindwings and cilia ochreous-whitish.

QUEENSLAND, Brisbane, April (*Dodd*); 1 ex. (Wals. Coll. 23652).

***Narycia lignatrix*, n. sp.**

♂. 17–22 mm. Head, palpi, thorax grey mixed whitish, palpi very short. Antennal ciliations  $1\frac{1}{2}$ , fasciculated. Forewings dilated, termen rather obliquely rounded; 9 absent; grey, strewn coarse dark fuscous strigulæ; some white irroration towards base and termen, a broad patch extending along costa from before middle to  $\frac{3}{4}$ , and a spot towards dorsum before middle, followed by an undefined blotch of darker grey suffusion: cilia grey, indistinctly spotted darker at base, towards tips whitish. Hindwings thinly clothed dark grey hairscales; cilia grey-whitish, a grey basal shade.

QUEENSLAND, Brisbane, March (*Dodd*); bred from larvæ feeding in cases on *Eucalyptus maculata*, case cylindrical, formed of silk covered with small fragments of bark and strengthened with from 4 to 7 long pieces of twig placed longitudinally and sometimes projecting beyond case; pupa-case with dorsal rows of short spines on anterior edge of segments; 2 ex. (type Wals. Coll. 19911).

**GLYPHIPTERYGIDÆ.**

✓ ***Setiostoma leuconympha*, n. sp.**

♂. 11 mm. Head blackish with some white scales. Palpi white, second joint sprinkled black, terminal joint longer than second, anterior flattened face black. Thorax white, dorsally mixed dark fuscous anteriorly. Forewings dark bronzy-fuscous suffused purple towards costa; a white basal patch tinged yellow on costal edge occupying less than half wing, edge straight, direct: cilia dark fuscous. Hindwings dark fuscous; cilia grey, a dark fuscous basal line.

BRAZIL, Teffé, January (*Parish*); 1 ex. Near *hæmotheia*.

✓ ***Mictopsichia callicharis*, n. sp.**

♀. 14 mm. Differs from *gemmisparsana* as follows: Head suffused orange, an orange streak behind shoulder. Forewings



costal edge orange throughout, irrorated area more numerous and irregularly dotted whitish; blue-metallic streak from  $\frac{2}{3}$  of costa to tornus edged posteriorly by a similar bar of very close minute regular whitish speckling; yellow streak from costa before apex reduced to a small spot, and blue striga beyond it obsolete. Hindwings dorsal silver spot preceded and followed by transverse spots of very fine whitish and coppery-fusca striation; a bar of similar striation, including an irregular broken series of black scales, preceding silver streak from middle of termen, itself preceded by two silver spots (only one in this position in *gemmisparsana*, striated bar not indicated).

BRAZIL, Teffé, December (*Parish*); 1 ex.

✓ *Mictopsichia pentargyra*, n. sp.

♀. 15 mm. Head and thorax as in *gemmisparsana*. Forewings rather dark fuscous, costal area orange strigulated dark fuscous except broad bars at middle and  $\frac{4}{5}$  preceding blue streaks; short subcostal and median blue-metallic streaks from base, between them an ochreous-yellow streak; a blue-metallic streak from  $\frac{1}{3}$  of costa to  $\frac{1}{4}$  of dorsum; a patch of numerous small ochreous-whitish dots arranged in longitudinal series extending on dorsum from  $\frac{1}{3}$  to near tornus and reaching  $\frac{2}{3}$  across wing; a transverse blue-metallic bar beneath costa before middle, and a dot in disc beyond middle; a curved blue-metallic streak from beneath costa beyond middle to tornus; a blue-metallic streak almost from costa at  $\frac{5}{6}$  to near termen above tornus; a yellowish spot beneath costa beyond this, followed by a blue-metallic strigula; terminal edge suffused orange: cilia grey with blue reflections, a blackish subbasal line mixed orange. Hindwings deep orange; a series of five equidistant silver spots separated by black from near middle of dorsum to lower part of termen; some black reticulation in lower part of disc partially mixed silver, followed by two parallel silver bars, second lying in a dark fuscous terminal streak extended and thickened round apex, a fuscous bar in upper part of disc and costal spot preceding this; cilia grey with blue iridescence, a blackish basal line.

PERU, Iquitos, March (*Parish*); 1 ex.

✓ *Hilarographa eriglypta*, n. sp.

♂. 14 mm. Head dark grey, orbits and palpi whitish. Antennal ciliations  $1\frac{1}{2}$ . Thorax dark grey, a whitish mark on shoulder. Forewings rather elongate-triangular, termen slightly sinuate beneath apex, bowed, rather oblique; deep orange; a deep fuscous-purple basal patch extending on costa to  $\frac{1}{3}$  and on dorsum to near middle, edge acute-angulated in middle, costal edge white, enclosing a longitudinal orange-whitish streak from base of costa to  $\frac{1}{3}$ , and an oblique orange-whitish streak from dorsum at  $\frac{1}{4}$  reaching more than half across wing; a suffused dark fuscous costal band from this to apex, crossed by a narrow orange streak white on costa limiting basal patch, then two similar less oblique



streaks, a curved-oblique violet line running from a white mark on costa at  $\frac{3}{4}$  to beneath two short little oblique streaks from costa near apex, of which first is pale yellow, second white; a short white mark on apex continued as a curved orange dark-margined line beneath violet line; an erect-conical dark fuscous-purple fasciate streak from dorsum beyond middle reaching half across wing; a dark fuscous shorter striga from dorsum near beyond this; an irregular dark fuscous spot in disc at  $\frac{2}{3}$ ; a broad terminal fascia of thin dark fuscous strigulation, within this a violet spot on termen below middle preceded by two round dark fuscous dots (cilia injured). Hindwings orange; a suffused dark fuscous band extending along dorsum and lower part of termen; an apical blotch of dark fuscous suffusion.

PERU, Jurimaguas, March (*Parish*); 1 ex. Next *dulciana*.

✓ **Hilarographa methystis, n. sp.**

♂ ♀. 10-11 mm. Head orange, face paler. Palpi whitish. Thorax orange, five dark leaden-grey stripes. Forewings elongate-triangular, termen sinuate beneath apex, bowed, rather oblique; deep coppery-orange; five dark purple-fuscous oblique streaks from costa from base to  $\frac{2}{3}$ , last double, and dorsal  $\frac{2}{3}$  from near base to near tornus crossed by about eight slender irregularly anastomosing streaks meeting these; an oblique sinuate dark blue-lead line from costa at  $\frac{3}{4}$  to beneath two short streaks from costa near apex, of which first is pale yellow, second whitish; a whitish dot on termen beneath apex edged by a dark purple-fuscous V-shaped mark; an oval dark purple-fuscous spot on termen beneath middle: cilia purple-grey, base white above apex, a white spot on subapical dot. Hindwings deep orange, infuscated towards dorsum; a suffused dark fuscous subterminal fascia tending to be divided into spots on upper portion; cilia grey, a dark fuscous basal line.

BRAZIL, Teffé, January; PERU, Jurimaguas, March (*Parish*); 2 ex.

✓ **Hilarographa bryonota, n. sp.**

♂. 17 mm. Head pale ochreous, crown fuscous except sidetufts. Antennæ simple. Palpi whitish-ochreous. Thorax fuscous striped pale ochreous. Forewings elongate-triangular, termen slightly sinuate beneath apex, rounded, little oblique; ochreous-fuscous, dorsal  $\frac{2}{3}$  from  $\frac{1}{4}$  to near tornus rather dark fuscous-purple, dorsal portion of this area rather broadly overlaid deep green; purplish area crossed by five somewhat curved-oblique pale ochreous lines, some additional strigulæ in disc posteriorly between these, two very oblique similar streaks from costa before middle meeting these; three oblique blue-metallic streaks from white dots on costa from middle to  $\frac{3}{4}$ , second short, third running to beneath two short streaks from costa near apex, first of these light ochreous-yellowish, second white, obscure light ochreous-yellowish streaks alternating with the blue-metallic streaks; three blackish dots before median



third of termen, a violet mark between second and third; a small violet dash on subapical sinuation: cilia coppery-grey, towards tornus whitish. Hindwings bronzy-fuscous becoming darker towards termen; cilia grey, a darker basal line, on middle third of termen suffused ochreous-whitish.

PERU, Jurimaguas, March (*Parish*); 1 ex.

✓ **Hilarographa plectanodes, n. sp.**

♂. 20 mm. Head pale yellowish, sidetufts fuscous. Antennæ simple. Palpi whitish, second joint pale fuscous posteriorly. Thorax fuscous, four pale yellowish stripes on anterior half, outer edge of patagia whitish. Forewings as in *bryonota*; deep dull purple, costal third on posterior half ochreous-brown, terminal area brownish-orange; dorsal  $\frac{2}{3}$  from  $\frac{1}{4}$  to near tornus crossed by about eight irregular pale ochreous oblique lines rather converging towards posterior part of disc; two very oblique streaks from costa before middle, first whitish, second light yellowish; three very oblique blue-metallic streaks from white dots on costa from middle to  $\frac{3}{4}$ , first connected with an orange streak running round posterior angle of purple area, third running to beneath two short streaks from costa near apex surrounded with dark fuscous, first of these yellow, second white; a metallic-blue mark on subapical sinuation; three round blackish dots before median third of termen, a violet-blue spot between second and third, some blackish strigulation in anterior part of terminal area: cilia fuscous-purple, towards tornus light brownish. Hindwings fulvous or fulvous-fuscous, a dark fuscous terminal band; cilia brownish.

PERU, R. Napo, May (*Parish*); two specimens.

**Imma trachyptila, n. sp.**

♀. 24 mm. Head, thorax ochreous-brown irregularly mixed dark fuscous and whitish-ochreous. Palpi second joint much thickened with dense scales, terminal joint very short, stout, obtuse, light brownish banded dark fuscous suffusion. Forewings rather broad, dilated, costa gently arched, apex rounded-obtuse, termen rounded, somewhat oblique; 7 and 8 stalked, 8 to below apex; ochreous-brown, irregularly irrorated dark fuscous and whitish-ochreous; raised blackish tufts edged posteriorly ochreous-whitish representing stigmata, and one near base in middle, plical slightly beyond first discal, an additional tuft beneath and slightly beyond second discal, beyond this a spot of whitish suffusion; a transverse series of blackish marks or small spots from  $\frac{2}{3}$  of costa to tornus, angulated in middle, preceded on upper half by some white irroration and in middle by a spot of dark fuscous suffusion; a dark fuscous terminal line interrupted by small ochreous-whitish dots: cilia grey, a darker subbasal line. Hindwings rather dark grey; cilia whitish, a grey basal shade.

Fiji, Lautoka, November (*Greenwood*); 1 ex. (Brit. Mus.).





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