

XV

154.15

1912 Mayo

450

Imagen de consulta DGAN

13 Imagen de consulta DGAN

Imagen de consulta

Imagen de consulta DGAN

Imagen de consulta DGAN

Imagen de c

Imagen de consulta DGAN

DGAN

Imagen de consulta

sulta DGAN

Imagen de consulta

Imagen de consulta

e consulta DGAN

Imagen de consulta

DGAN

DGAN

DGAN

Imagen



*New Species of Heterocera from Costa Rica.*—XV.

By W. SCHAUS, F.Z.S.

[Continued from p. 433.]

*Hyrmina nubila*, sp. n.

♂. Body black; a lateral pale reddish-brown spot on collar; abdomen ventrally white. Wings black: the interspaces thinly scaled semihyaline; the veins and margins heavily marked. Fore wings: an oblique white fascia beyond cell from subcostal to near termen above vein 3. Hind wings: traces of whitish streaks on interspaces near outer margin.

Expanse 32 mm., ♀ 35 mm.; some specimens of ♂ only 26 mm.

*Hab.* Guapiles, La Florida, Esperanza, Carillo.

*Cambogia myrrha*, sp. n.

♂. Palpi buff. Head brownish; a white line between antennæ. Collar yellow, edged behind with purple-brown. Thorax purple-brown in front, yellow behind. Abdomen yellow; small dorsal reddish-brown spots; the basal spot large, purple-brown shaded with silvery steel-coloured scales. Wings yellow, the markings purple-brown shaded with silvery-grey scales. Fore wings: a broad costal shade interrupted along extreme edge by brownish-yellow spots, its hind edge irregular, reaching median at base, and suffusing with a broad postmedial shade above vein 3; small antemedial spots on median and submedian veins, also postmedially on vein 2 and inner margin; subterminal spots, suffusing partly with postmedial shade; marginal spots across veins. Hind wings: an antemedial spot on inner margin; a small spot in cell; small postmedial spots terminating in a large spot on inner margin; subterminal and marginal spots, large and suffusing between veins 3 and 4; some minute terminal spots. Underneath yellowish white; the larger markings all dull purplish brown; the small spots and spot on inner margin of hind wing absent, only the small discal spot and spots between veins 3 and 4 present.

Expanse 17 mm.

*Hab.* Carillo, Juan Vinas.



*Cambogia cinyras*, sp. n.

♂. Very similar to *C. myrrha*, bright yellow, the markings reduced; the costal shade narrower and interrupted medially; the postmedial shade reduced to a thick line outbent between veins 3 and 4, suffusing with subterminal spots. Hind wings: the spots between veins 3 and 4 separated, smaller than in *C. myrrha*; the steel shadings much less apparent. Underside with the markings also reduced.

Expanse 20 mm.

Hab. Turrialba.

*Cambogia naias*, sp. n.

♀. Body and wings dark purple-red, crossed by fine interrupted silvery lines; cilia bright yellow. Fore wings: some orange spots on costa; subbasal, geminate antemedial, medial, postmedial, and subterminal lines, the two latter close together; all the lines distinctly interrupted along submedian fold; some small marginal spots. Hind wings: medial, geminate postmedial, subterminal, and marginal lines. Underneath dull roseate, with traces of a yellowish postmedial shade, which is medial on hind wings.

Expanse 22 mm.

Hab. Poas.

Another female which I do not like to consider distinct has the fore wings with large orange spots on costa and a wavy postmedial orange line. The hind wings have the base yellow, also a broad sinuous medial line.

Allied to *C. haematodes*, Warr.

*Cambogia zenobia*, sp. n.

♂. Palpi and frons pale brown. Body and wings bright silky yellow, with traces of faintly darker transverse lines, but not clear enough to describe; a black discal point on fore wing. Fore wings below dull roseate; subterminal yellow spots, sometimes forming a broad line; the termen yellowish at tornus, and otherwise striated with yellow. Hind wings below pale yellow; a faint roseate line near apex.

Expanse 20 mm.

Hab. Tuis, Guapiles, Juan Vinas.

*Cambogia multilunata*, sp. n.

♀. Head and thorax deep yellow, the collar and patagia

tipped with dull brown. Abdomen pale yellow, with broad segmental pale brown lines. Wings dull pale yellow; a thick terminal brown line. Fore wings: fine, irregular, brownish basal, subbasal, antemedial, and medial lines, edging greyish blotches in cell, the medial containing a small yellow spot; a distinct fuscous-brown spot on discocellular; postmedial and subterminal lines geminate, dull greyish, finely edged with brown, deeply lunular and inwardly produced on veins, the postmedial expanding above vein 5 into a large fuscous-grey patch, containing a yellow spot on costa; from near base a fine dark grey line along median and vein 4 to termen; some indistinct marginal clusters of brown scales. Hind wings slightly produced at vein 4; three thick medial lines partly coalescing on veins, and with a fuscous discal point; postmedial paler, geminate, deeply lunular as on fore wing; an irregular fine and interrupted subterminal line. Underneath similar, but much paler.

Expanse 32 mm.

Hab. Juan Vinas.

*Cambogia dibapha*, sp. n.

♂. Head orange-brown; a white line between antennae. Collar grey-brown. Thorax yellow, the patagia shaded in front with orange-red. Abdomen above yellow shaded with orange-red, the posterior segments with purplish brown. Wings bright yellow, the lines orange-red. Fore wings: the lines on costa greyish brown, the colours suffusing along costal vein; a basal and subbasal line, followed by two lines interrupted below cell; a dark point on discocellular, and a line below it to inner margin, geminate between median and vein 2; a postmedial nearly straight line followed by a large grey space from vein 2 to costa, shaded with dark reddish brown, especially between veins 4 and 6, and mottled with orange-red on costa; subterminal line only visible on inner margin; marginal and terminal orange-red spots partly suffusing. Hind wings: a basal line; a medial line below discal point; postmedial and subterminal lines; a large greyish patch from vein 4 to inner margin above anal angle; marginal and terminal spots as on fore wing. Underneath whitish yellow, the markings dull greyish.

Expanse 26 mm.

Hab. Juan Vinas.

Intermediate between *C. insignata*, Wlk., and *C. cedon*, Dr., having the lines as in the former, with the large dark patches of the latter.



*Cambogia dione*, sp. n.

♂. Body and wings yellow; a white streak between antennæ; a broad postmedial dark lilacine grey shade with a broad projection between veins 3 and 4, not reaching termen; dark discal points; the margins of postmedial shade and other markings light orange-brown; a fine subterminal line; small marginal and terminal spots. Fore wings: a basal, subbasal, and antemedial line; the costa shaded with orange-brown except medially. Hind wings: a thick basal line; a broad medial line from near discal point to inner margin. Underneath yellowish white, the markings smoky lilacine grey.

Expanse 20 mm.

Hab. Sixola, Juan Vinas.

*Cambogia nymphe*, sp. n.

♀. Body greyish brown. Fore wing brownish grey, except a broad apical space reaching vein 4, and a narrow terminal space from vein 3 to tornus, which are pale yellow; lines indistinct fuscous grey; a black discal point and faint medial line, and a geminate postmedial line; a dentate subterminal line on yellow space preceded by another line from vein 6 to costa; some faint marginal marks below apex and between veins 2 and 4. Hind wings: basal half dark dull grey; a medial fuscous line and geminate postmedial line; outer half pale yellow, shaded and streaked with lilacine brown; a subterminal greyish-brown shade widest near anal angle. Fore wings below dull roseate; a subterminal yellow band interrupted between veins 2 and 4 by roseate shading. Hind wings below pale yellow; some roseate striæ at apex.

Expanse 21 mm.

Hab. Juan Vinas, Tuis.

Near *C. biteniata*, Prout.

*Cambogia dissensa*, sp. n.

♀. Head brown; a white line between antennæ. Collar and thorax greenish buff. Abdomen pale brown. Wings yellow. Fore wings: from base a cloudy grey shade for two-thirds on costa, and one-half on inner margin, its outer edge limited by a brownish faint line, projecting below vein 4, then incurved, crossed by yellow spots on costa; an antemedial yellow line, and two postmedial darker grey lines; a black discal point; terminal space with three greyish

lines from costa to vein 6, partly suffusing; traces of a subterminal lunular brownish line, followed by a greyish shade about veins 3-4 and on inner margin. Hind wings: a fine pale roseate brown medial line, a marginal pale roseate brown line, and similar terminal suffusions. Fore wings underneath whitish yellow below cell, and on outer margin below vein 6, otherwise dull roseate, with a similar subterminal line and terminal suffusions, chiefly at apex; a black discal point. Hind wings below yellow; a faint roseate antemedial line, and similar lines at apex and anal angle.

Expanse 29 mm.

Hab. Poas.

*Cambogia lavinia*, sp. n.

♀. Head, patagia, and abdomen above orange-red; collar deep red; thorax grey-brown; a pale buff line between antennæ. Wings yellow, thickly suffused with orange-red consisting of vague lines; a broad postmedial fuscous-grey shade, expanding below subcostal, and emitting similar shades to termen between veins 3 and 4; subterminal spots mottled with fuscous grey; terminal fuscous-grey spots. Fore wings: the costa spotted with deep yellow; a clear yellow shade beyond the dark discal point. Hind wings: the discal point circled with clear yellow. Wings below bone-colour, the markings dull fuscous grey; a fine antemedial line; a broad postmedial shade and branches; a well-marked lunular subterminal shade preceded and followed by finer lines.

Expanse 26 mm.

Hab. Turrialba.

*Cambogia dryantis*, sp. n.

♀. Head and collar brown; a white spot between antennæ. Thorax purplish mottled with yellow. Abdomen above shaded with reddish brown. Wings pale yellow; fuscous discal spots; the lines purplish brown; similar terminal points. Fore wings: the lines to near discal spot suffusing and enclosing numerous small yellow spots; a clear yellow band beyond cell from subcostal to inner margin, darkly irrorated on vein 2 and submedian; a broad postmedial purple-fuscous space, slightly striated with yellowish brown, narrowest on inner margin, and emitting similar shades to apex and termen between veins 3 and 4; a subterminal geminate line visible between veins 6 and 4, and 3 to inner



margin; a lunular marginal line. Hind wings: a fine basal line; a broad medial line on inner margin, partly suffusing with the postmedial dark shade, which is narrower than on fore wing, irregularly angled, and also with a branch to termen between veins 3 and 4; the subterminal and marginal lines broken into spots. Underneath paler with similar markings, but dull fuscous grey.

Expanse 20 mm.

Hab. Juan Vinas.

*Cambogia insueta*, sp. n.

♀. Frons orange and yellow. Vertex yellow, a white line between antennae. Collar orange. Thorax and abdomen yellow. Wings yellow, the lines brownish orange, fine, wavy, and distinct; a broad purple-fuscous subterminal line irrorated with lustrous scales. Fore wings: a basal and subbasal line; antemedial geminate, well apart, shaded anteriorly with purplish; a dark discal point, followed by three lines, the first shaded with purple and lustrous scales; minute marginal spots. Hind wings: a medial purplish-fuscous line irrorated with lustrous scales, closely followed by a lunular line, the interspace shaded with brown-orange; a postmedial line; the marginal line with darker points. Underneath bone-colour, the markings dull purplish grey; discal points and distinct terminal line. Fore wings: base to postmedial darkly suffused, followed by an indistinct fine line, partly geminate. Hind wings: the medial line broad; the postmedial fine, hardly visible.

Expanse 22 mm.

Hab. Juan Vinas.

*Cambogia deleta*, sp. n.

♂. Body brown, a buff shade between antennae; a dorsal black spot at base of abdomen. Wings and cilia dull brown faintly tinged with roseate; lines black; traces of fine lines forming angles on costa above cell, and barely traceable to inner margin; a minute black discal point; three postmedial lines close together, the middle line barely visible, the outer line, more heavily marked, distinct, lunular, slightly inbent opposite cell; subterminal and marginal lines partly geminate, darker brown shaded with fuscous towards costa; distinct terminal black linear spots across veins. Hind wings: discal spot larger, black, contiguous to a fuscous shade edged with black; subterminal and marginal lines very

indistinct, partly fuscous; terminal black points, the outer margin slightly rounded. Underneath paler: the postmedial line geminate, well apart, and distinct.

Expanse 19 mm.

Hab. Juan Vinas.

*Cambogia dryope*, sp. n.

♂. Body purplish brown; a white line between antennae. Wings purplish brown, the lines very indistinct, darker; small black discal spots. Fore wings: small yellowish spots on costa; lines on basal half not traceable, only the line nearest cell-spot defined by some yellowish shading; the three lines beyond cell clearer, fuscous, especially the outer one, which is edged with a yellow shade widest between vein 4 and 6 and on inner margin; subterminal and marginal lines lunular, defined by faint yellowish shades; a terminal fine black line expanding at veins; cilia dark yellow with fuscous-brown spots. Hind wings: lines indistinct, except the third postmedial which is fuscous; marginal lines partly defined by yellowish mottling; terminal dark points; the outer margin crenulate. Underneath paler, the lines better defined.

Expanse 19 mm.

Hab. Turrialba.

*Cambogia crocina*, sp. n.

♂. Head and collar purplish brown; a white line between antennae. Thorax yellow spotted with purplish red. Abdomen yellow with transverse reddish lines. Wings bright yellow, the markings purplish red; dark discal points; small terminal points; cilia luteous, with a single dark spot at vein 3. Fore wings: a narrow basal shade; an outcurved subbasal line, interrupted below cell; an antemedial line, outwardly expanding on veins; a medial oblique line on costa and minute spots on veins; a broad postmedial shade, narrowing on inner margin and between veins 5 and 6; subterminal and marginal spots, suffusing partly from vein 6 to costa, and between veins 3 and 4, forming an irregular shade from postmedial to termen. Hind wings: a basal spot; a medial line on inner margin; the postmedial sinuous, constricted beyond cell; subterminal spots geminate; marginal spots. Underneath paler, the hind wings with only the discal point and postmedial shade.

Expanse 18 mm.

Hab. Sixola.



*Cambogia guapa*, sp. n.

♂. Head and abdomen above brown; a white line between antennæ. Thorax purplish, the patagia tipped with yellow. Wings deep yellow. Fore wings: the costal margin to near apex purplish, with yellow streaks on extreme costa; traces of pale brown subbasal, antemedial, and medial fine lines, the last followed by a dark point in cell; a broad postmedial purplish shade, its outer edge somewhat dentate, followed by two irregular lines of small lilacine brown spots and striæ; terminal dark points. Hind wings: a broad subbasal purplish shade; a discal point; a broad postmedial shade, outwardly expanding between veins 2 and 4; the markings on outer margin more in the form of striæ; terminal dark points at veins 3 and 4. Underneath paler; the postmedial shade crossed by a pale yellowish line; the marginal markings more linear, but almost obsolete on hind wing.

Expanse 18 mm.

Hab. Guapiles.

Superficially like *C. crocina*, Schs., but quite distinct.

*Cambogia elongata*, sp. n.

♂. Palpi and frons brown. Vertex buff, a whitish shade between antennæ. Thorax and abdomen buff shaded with dull roseate brown; a transverse black spot on abdomen at base. Wings and cilia yellow-buff, the lines dull roseate brown; black discal spots. Fore wings: five lines before cell-spot, outbent on costa, wavy below; beyond cell lines on costa inbent; three postmedial lines, from which a darker shade extends to termen between veins 3 and 4; subterminal lunular, partly geminate; marginal line finer, also partly lunular; terminal dark spots, partly linear. Hind wings: a subbasal and antemedial line; postmedial lines connected by a greyish shade; other lines indistinct and irregular; outer margin faintly curved; the inner margin prolonged, giving a distinct appearance to the wing. Underneath paler, the postmedial and subterminal lines more distinct.

Expanse 19 mm.

Hab. Sixola.

*Rhodomena electa*, sp. n.

♂. Antennæ pectinated. Palpi black fringed with white. Head and abdomen white, the latter with fuscous segmental

lines and dorsal irrorations. Collar and thorax pale green. Fore wings pale green; spots and markings black edged with white; a basal spot extending as a thick line to submedian; some antemedial black scales on median, a spot on costa, and a small spot on inner margin; third costal spot, not quite medial, forming part of an irregular slate-grey band, interrupted in cell, the lower portion surrounded by pale reddish scales, except on inner margin, these scales outwardly edged by a very fine broken black line; a fine black streak on discocellular and a spot above it on costa; a fifth costal spot postmedially; a small spot from veins 5-4, and black points on other veins; subterminally a costal spot to vein 7, an irregular spot from 6 to below 5, preceded and followed by reddish scales, and an irregular band from vein 3 to inner margin preceded by reddish scaling; some terminal black spots, partly crossed or connected by an interrupted black line, these spots extending on white cilia. Hind wings white, showing the fine postmedial and broad subterminal fuscous shade of underside. Fore wings below white, the spots as above black, but duller.

Expanse 31 mm.

Hab. Turrialba.

Allied to *R. pomponia*, Dr.

*Rhodomena excelsa*, sp. n.

♀. Palpi black, shaded with white at base. Frons white. Vertex, collar, and thorax green. Abdomen white. Fore wings dark green; a basal roseate fascia, bordered on either side with black; an antemedial white fascia partly shaded with roseate, outangled in cell, expanding towards base below cell, followed by a black spot on costa, a small spot in cell anteriorly, and an incurved broad black line from cell posteriorly to inner margin; a postmedial black line, oblique from costa to below vein 5, straight to vein 2, and then inbent to inner margin, followed by a triangular roseate space from costa to below vein 5, a smaller triangular space from inner margin to vein 2, each containing a green spot on margin, and an intermediate irregular roseate space, emitting a similar broad streak between veins 3 and 4 to termen; a subterminal roseate spot from costa to vein 6 containing a small black spot on costa; a subterminal dark brown line edged with black from veins 6-4, and a similar fine wavy line from vein 3 to inner margin, where it is outwardly shaded with roseate; cilia green shaded with black at veins. Hind wings whitish grey. Fore wings below white; antemedial and medial fuscous spaces not reaching costa; a large



black subterminal space between veins 4 and 6, and duller shades from vein 3 to inner margin. Hind wings below white; a black discal point; a fine dark postmedial line, angled between veins 3 and 4; a fine subterminal dark line.

Expanse 35 mm.

Hab. Poas.

*Hydriomena vernata*, sp. n.

♀. Palpi dark grey tipped with buff. Head green; a geminate black spot on frons; a large black spot on vertex. Collar and thorax greenish, the latter spotted with black. Abdomen white. Fore wings green; a basal fuscous patch not reaching inner margin, and crossed by a fine, angled, green line; subbasal, antemedial, and medial fuscous-brown lines, rather broad, straight on costa, outangled in cell, the last followed by a broad white space to postmedial; this space narrow and tinged with green on costa, constricted between veins 5 and 4, and almost obliterated by green and fuscous mottling, outwardly expanding from vein 4 and edged by the postmedial line and medial line, which are inversely lunular; the postmedial is somewhat dentate above vein 4 and forms a rather large spot on costa; the subterminal consists of irregular blotches suffusing from vein 5 to costa, and connected by a fine line at vein 6 with an apical spot; small terminal spots between the veins. Hind wings white.

Expanse 27 mm.

Hab. Turrialba.

*Hydriomena picturata*, sp. n.

♀. Palpi dark grey. Head white, the vertex shaded with green. Collar and thorax green, the patagia irrorated with black. Abdomen above greyish, irrorated with dark brown; subdorsal fuscous-brown spots at base. Fore wings: the base green, limited by a black line outwardly oblique from costa, expanding into a spot edged with white on inner margin; space beyond line roseate brown, shaded with white and rosy buff on costa; scattered black irrorations chiefly on antemedial space, on veins postmedially, and at base; some black striae on costa; traces of an oblique antemedial dark line, inbent at fold, angled and outbent along submedian as a thick black line, almost reaching postmedial, curved and inbent on inner margin, forming a hook filled in

with dull black; a fine black line on discocellular; postmedial fine, black, inangled at vein 5, then outcurved, followed on veins by short black streaks; subterminal broader, wavyly outcurved, slate-black, joined at vein 6 by a velvety-black streak from apex; termen below apex and at tornus green irrorated with pale blue; a terminal roseate-brown line spotted with black. Hind wings silky grey. Fore wings below silky grey; a fuscous streak on discocellular; a fine fuscous postmedial line; a broad outcurved subterminal fuscous shade. Hind wings below silky grey irrorated with dull grey; a discal point, angled outer line, and marginal shade.

Expanse 26 mm.

Hab. Juan Vinas.

*Hydriomena confusa*, sp. n.

♀. Palpi fuscous grey, paler at tips. Head and thorax green mottled with darker green and black. Abdomen grey-buff; a dorsal fuscous streak, and slate-black tuft at base. Fore wings green, spots and lines fuscous brown, becoming black on inner margin; a basal streak from costa to submedian; a curved, lunular subbasal streak, most heavily marked on margins; an antemedial spot on costa suffusing with subbasal in cell; medial fascia broad from subcostal to inner margin, outwardly crossed by a wavy green line; postmedial heavy on costa, narrow, lunular from vein 7 to inner margin; subterminal lunular, geminate, filled in with brownish green; an interrupted terminal black line; cilia fuscous grey spotted with green. Hind wings whitish shaded with grey-brown; a terminal fuscous line; an indistinct subterminal line. Fore wings below greyish; costa whitish buff, spotted with black; a dark line on discocellular; a postmedial shade slightly outcurved below subcostal; a broad subterminal fuscous shade from veins 4-7. Hind wings below whitish thickly irrorated with brown; a dark discal point; traces of a dark postmedial and subterminal line.

Expanse 32 mm.

Hab. Poas.

Near *H. fassli*, Dogn.

*Hydriomena tectoria*, sp. n.

♀. Palpi coal-black. Head and thorax pale green, with large coal-black spots on frons, vertex, and patagia. Abdomen dorsally black, crossed by white segmental lines. Fore



wings: costa green, with large coal-black spots, separated by green or white geminate lines divided by brownish lines; basal half from subcostal to submedian slate-grey, irrorated with black and showing no distinct lines; postmedial space green, with dark irrorations beyond discocellular and on vein 3, crossed by postmedial fuscous line, which is broad from costa to vein 4, then fine to inner margin; the green portion beyond postmedial line is partly darker green and with black points on veins 4-7; subterminal broad, pale chocolate-brown edged with black; termen green, with some round fuscous marginal spots, outwardly edged with white, and triangular terminal black spots at veins. Cilia roseate brown. Hind wings silky white; a terminal dark line; cilia brownish white. Wings below glossy greyish white. Fore wings: a broad outcurved postmedial fuscous shade, preceded and followed by a creamy-white spot on costa; a subterminal black shade, expanding on costa to apex; marginal clearer white spots between the veins. Hind wings: a postmedial and a subterminal fuscous shade, evenly curved.

Expanse 29 mm.

*Hab.* Poas.

Allied to *H. confusa*, Schs., but the hind wings and underside very different.

*Hydriomena furinae*, sp. n.

♀. Palpi outwardly dark brown, tipped with grey. Head pale olive-green. Collar and thorax brownish green. Abdomen above olive, with a few dark irrorations, and a geminate dorsal black line on basal segment. Fore wings greenish grey; antemedial space olive, with a few scattered reddish scales, inwardly edged by a subbasal black line, oblique from costa across cell, finer below cell, and narrowly edged with white on basal side, outwardly limited by a fine nearly straight black line, and crossed by a rather broad fuscous-grey line; on inner margin from subbasal to beyond medial line a broad curved black fascia; postmedial black, oblique from costa to vein 6, where it is followed by a short black streak below 6, inset and oblique from 6-4, wavy, very fine, and interrupted from 4 to inner margin; the postmedial is partly followed by some roseate shading; subterminal rather broad, irregular, lilacine grey, shading to fuscous brown on costa and inner margin, and faintly edged with white; a black line from subterminal at vein 6 to apex, interrupted by vein 7. Hind wings whitish shaded with grey; a faint postmedial line and broad subterminal greyish

shade. Underneath silky whitish grey, with darker postmedial and subterminal shades, and a small discal spot on hind wings.

Expanse 36 mm.

*Hab.* Juan Vinas.

*Hydriomena lucifuga*, sp. n.

♀. Body fuscous grey. Fore wings fuscous grey tinged with brown, and with dull reddish-brown irrorations forming vague antemedial and medial shades, partly outlined by black irrorations; traces of fine basal, postmedial, subterminal, and marginal lines, the latter lunular. Hind wings dark grey. Wings below dark silvery grey, partly irrorated with still darker grey scales; faint traces of a postmedial fuscous shade. Vein 6 on fore wing from near end of areole.

Expanse 31 mm.

*Hab.* Poas.

Found in dark humid forest at about 8000 feet elevation.

*Hydriomena cydippe*, sp. n.

♂. Antennæ simple. Palpi fuscous tipped with white. Head yellowish buff. Collar and thorax reddish brown with some black spots. Abdomen greyish irrorated with brown; anal segments fuscous. Fore wings brownish red, the lines broad, fuscous brown, uneven; basal line not reaching inner margin; subbasal outbent; antemedial oblique from costa, perpendicular from cell to inner margin, very broad, suffusing with medial line in cell posteriorly and just below it; postmedial with its outer edge lunular, finer from vein 3 to inner margin; subterminal expanding outwardly from above vein 7 to vein 4, edged by a dentate black line, inwardly broadly black between 6 and 4, and mottled with red just below 4; irregular terminal black spots between the veins, and some black striæ towards apex, which is spotted with black; cilia black, mottled with grey at veins. Hind wings whitish shaded with brownish grey; a fine dark postmedial line and irregular subterminal shade. Wings below greyish brown. Fore wings: a postmedial fuscous shade, heaviest on costa; a subterminal fuscous shade below vein 6. Hind wings: some brownish irrorations; a black discal point; postmedial and subterminal dark shades.

Expanse 30 mm.

*Hab.* Volcano Turrialba.

Looks rather like *Rhodomena cydra*, Dr., which has ciliated antennæ.



*Hydriomena gosala*, sp. n.

♂. Antennæ simple. Head buff. Thorax and abdomen grey-brown, thinly irrorated with reddish scales, the abdomen crossed by segmental black lines. Fore wings dull olive thinly irrorated with red scales; veins on outer half mottled grey and roseate; fuscous-brown costal spots at origin of lines, also one at base and one at apex; antemedial and medial lines fine, fuscous, and a broad fuscous shade between them; postmedial fine, dentate and oblique to vein 4, outcurved below 4 and below 3, finely wavy from 2 to inner margin; subterminal geminate from costa to vein 4 and on inner margin, filled in with fuscous brown; a terminal black line interrupted between veins. Hind wings whitish shaded with grey-brown; a terminal fine dark line; cilia shaded with black at veins. Wings below whitish grey. Fore wings: a postmedial small black spot on costa; a large fuscous shade at apex. Hind wings: a fine lunular postmedial line and indistinct subterminal shade.

Expanse 30 mm.

Hab. Poas.

Allied to *H. algosa*, Dogn.

*Eriopygidia daphne*, sp. n.

♂. Palpi light brown, the segments darker streaked laterally. Head light brown. Collar pale green. Thorax green streaked with fuscous. Abdomen light brown, shaded with reddish brown dorsally. Fore tibiae reddish spotted with black. Fore wings green; costa finely red, interrupted by the large black costal spots; subbasal fascia black, narrow, consisting of a spot on costa, a small spot in cell; a spot below cell outangled close to median, and an outbent line on inner margin, all connected outwardly by a fine whitish line; antemedial broader, consisting of two spots on costa, a large spot in cell, and one from median to inner margin, black, thinly irrorated with red and edged with darker green; medial fascia very broad, limited by postmedial line, its margin inversely lunular, the inner vertical, the outer oblique from costa, inangled at vein 5, then slightly outcurved, black, irrorated with red, and mottled with green, chiefly in cell and beyond it, the margins being faintly edged with whitish green; a fuscous subterminal shade on costa, crossed by a greenish line; an oblique green shade from postmedial green area to apex, and below it a large fuscous shade between

veins 4 and 6; below vein 4 and below vein 3 angled white subterminal lines edged on either side with fuscous; below vein 2 a narrow fuscous shade; the green space between postmedial line and subterminal shades is crossed by a darker green line connecting fuscous points on veins; large terminal black spots; cilia finely red at base, outwardly mottled with black. Hind wings: the base and inner margin broadly fuscous brown, otherwise dark vermilion, this colour extending on the dark space and forming a faint postmedial line. Wings below reddish; fore wings with a black space below cell from base to beyond middle, and some black irrorations near apex; hind wings with a black discal point, a broad postmedial lunular black shade, and faint subterminal line.

Expanse 36 mm.

Hab. Juan Vinas.

Near *E. commutata*, Dogn.; the upperside is like *E. flavo-limbarioides*, Dogn., the underside like *E. radiosa*, Dogn.

*Psaliodes electa*, sp. n.

♀. Palpi brown, outwardly shaded with fuscous. Head luteous buff. Collar and thorax rust-red. Abdomen grey-brown. Fore wings: a little less than basal half rust-red, broadly mottled with dull violet-brown at base, and crossed by a similar antemedial shade; a fuscous, interrupted, medial line, preceded by a silvery spot on costa, and marked by similar spots in cell, above and below submedian fold, and on inner margin; outer half dull violet-brown, somewhat paler on termen; a black point at end of cell; a subterminal silvery-white line, interrupted and outset at vein 6, forming two lunules from 6 to 4, incurved below 4, finer, and interrupted by veins, followed from 6 to 4 by a fuscous line and then a rust-red shade; cilia with black spots. Hind wings greyish white; a postmedial and a subterminal dark grey shade. Fore wings below similar but duller. Hind wings below: basal half yellowish, thickly irrorated with brown; a black discal spot; outer half yellow-brown, with a finely dentate darker postmedial line.

Expanse 20 mm.

Hab. Poas, Turrialba.

Closely allied to *P. miniata*, Warr.