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NEW SPECIES OF HETEROCERA FROM
COSTA RICA.

IX.

BY

W. SCHAUS, F.Z.S

New Species of Heterocera from Costa Rica.—IX.

By W. SCHAUS, F.Z.S.

I AM greatly indebted to Sir George F. Hampson, Bart., for the descriptions of new genera appearing in this paper.

Noctuidæ.

Euxoa cartagensis, sp. n.

♂. Palpi black, irrorated with brown; head, collar, and thorax brown, tinged with violaceous, the collar with a fuscous transverse line. Abdomen fuscous brown. Fore wings buff-brown; the lines brown-black; basal and sub-basal geminate dentate lines to below cell; antemedial geminate, interrupted, outwardly oblique from median to submedian, outangled below submedian; a darker annular spot coalesces with line below cell; cell filled in with dark brown from antemedial to reniform, interrupted by the large round orbicular close to subcostal; reniform large, outlined in buff and filled in with dark brown and fuscous-grey scales; post-medial fine, lunular, the points projecting on veins; the sub-terminal fine, preceded by a dark brown shade on costa, and dark dashes between veins from 6 to fold, followed by a fine buff line and fuscous-grey terminal shadings except at apex. Hind wings whitish at base; veins and outer half fuscous brown.

Expanse 38 mm.

Hab. Cartago, Juan Vinas.

Episilia cirphioides, sp. n.

♂. Palpi dark brown, tipped with whitish buff. Head and thorax whitish buff; collar olive-grey in front, separated

from the whitish buff behind by a fuscous line. Abdomen above dark grey, the anal segment whitish buff. Fore wings whitish buff, with a few scattered black and brown scales; a fuscous line at base below cell; the median and vein 4 to outer spots finely dark olive-brown; a small cluster of dark brown scales antemedially on costa and another below cell; orbicular a minute dark point; reniform round, fuscous grey; an outer row of dark brown points on veins; terminal black points largest towards apex; the termen shaded with brown; a dark streak postmedially between 3 and 4, and a brownish shade above it obliquely to below apex; a fuscous shade on costa above orbicular and one above reniform. Hind wings white; the costal margin and apex shaded with fuscous grey. Fore wings below shaded with fuscous through and beyond cell; the median and veins postmedially streaked with fuscous; a black discal spot; a postmedial black line on costa.

Expanse 32 mm.

Hab. Juan Vinas.

Near *Episilia rufisigna*, Hampson.*Episilia nezia*, sp. n.

♂. Palpi brown below, whitish buff above; frons, collar, and thorax whitish buff; vertex buff-brown; a velvety black transverse line on collar; abdomen dark grey, the anal hairs ochreous brown. Fore wings brownish buff; a black line below cell from base to below orbicular; orbicular and reniform small, slightly paler; a black streak in cell from close before orbicular to reniform; terminal dark points between the veins. Hind wings thinly scaled, white; a terminal brownish-buff line.

Expanse 35 mm.

Hab. Volcano Turrialba.

Belongs to Section II.

Nephelistis noctivaga, sp. n.

♂. Palpi, head, collar, thorax, and dorsal basal tuft on abdomen violaceous brown; abdomen dull fuscous brown, with subdorsal buff hairs at base. Fore wings violaceous brown, shaded with bronze medially between cell and submedian; lines dark brown, the basal and postmedial outwardly edged with light brown, the antemedial inwardly so edged; the basal line indistinct; the antemedial oblique on costa, bent along subcostal, straight to submedian, slightly

outcurved below it; the postmedial outbent on costa, then inwardly oblique to inner margin; orbicular large, round, the reniform large, both dull lilacine brown, the latter with a dark line near its edge; subterminal light bronze-brown lunules, shaded with dark brown; minute white points at end of veins; short white streaks on costa beyond postmedial. Hind wings fuscous brown, thinly scaled at base and along inner margin, the veins brown; a dark shade on discocellular; cilia light brown at base, followed by a fuscous shade and tipped with whitish buff. Hind wings below whitish, irrorated with brown, thickly on costal half; a dark spot on discocellular; a dark postmedial line.

Expanse 37 mm.

Hab. Volcano Turrialba.

Near *N. congenitatis*.

Eriopyga moneti, sp. n.

♂. Palpi fuscous, fringed with buff. Head, collar, and thorax reddish brown. Abdomen above fuscous, with light brown hairs dorsally; anal hairs fuscous and light brown; reddish-brown hairs laterally. Fore wings dark red; veins and lines black; some ochreous shadings at base and below cell antemedially; antemedial line geminate in cell and on inner margin, outcurved below cell and submedian; orbicular round, outlined in ochreous, close to subcostal; a black medial shade; reniform oblique, inbent behind, irrorated with ochreous and partly edged with white behind; postmedial indistinct, geminate; subterminal partly shaded with ochreous, especially above vein 7; buff points at end of veins; cilia black, mottled with brown. Hind wings fuscous brown; cilia roseate buff.

Expanse 30 mm.

Hab. Juan Vinas.

Near *E. renalba*, Schs.

Trichestra mixta, sp. n.

♀. Head, collar, and thorax mottled lilacine brown, greyish buff, and fuscous brown; the dorsal tufts of abdomen similar. Fore wings: the basal half and outer margin lilacine grey, tinged with brown; basal line geminate, dark brown, outangled; the antemedial dark brown, geminate, outangled below cell, outcurved below submedian, divided by a greyish-white line, and preceded on inner margin by a dark brown spot; orbicular a roseate point, edged with whitish, and then dark brown close to subcostal; a dark brown shade

at end of cell, followed by a white line, and then a roseate line on discocellular, the dark shade extending to inner margin and expanding outwardly below vein 3 to a white line which bifurcates at vein 4 and surrounds a dark brown space beyond discocellular; the white line outwardly edged by the fine black postmedial line, which is followed by a roseate shade, all terminating at vein 8, the costa being irrorated with lilacine and roseate and shaded with fuscous grey, divided by whitish spots from above reniform to apex; some dark shadings close to roseate shade; terminal dark spots and faint subterminal whitish points darkly edged; cilia fuscous grey, tinged with roseate at base and divided by a lunular white line. Hind wings greyish brown, somewhat whitish at base; a dark discal spot; cilia whitish, with dark spots.

Expanse 23 mm.

Hab. Poas.

Miselia umbrata, sp. n.

♀. Head, collar, and thorax mottled brown and buff; a velvety black transverse line on collar. Abdomen buff-brown, irrorated with black; dorsal tufts at base brighter brown. Fore wings grey-brown, shaded with lilacine; the costal margin and basal half of cell buff; oblique black spots on extreme costa; a dark streak at base below cell; base of inner margin shaded with fuscous; antemedial line outcurved, faintly geminate, followed in cell by the orbicular, which is large, buff, outlined in black, and below cell by a curved black line; reniform large, brown, edged with buff, and preceded and followed by a dark brown shade; a lunular dark brown line from reniform, suffusing partly with the inner part of the geminate postmedial line, which is very oblique on costa to vein 7, then inwardly oblique and finely lunular; beyond postmedial the veins are black, irrorated with buff; a fuscous-brown shade between 4 and 6 from postmedial to termen, crossed by subterminal buff spots; a fuscous-grey shade above torus, with subterminal buff spots at vein 2; terminal fuscous-brown streaks between the veins; terminal buff shades on veins extending on cilia, which are brown basally, followed by a buff shade and tipped with black. Hind wings fuscous brown, the cilia partly yellowish. Hind wings below whitish buff, irrorated with dark brown; a black discal spot; a broad dark postmedial shade; base of inner margin fuscous brown.

Expanse 35 mm.

Hab. Juan Vinas.

Miselia albimixta, sp. n.

♀. Palpi white in front, mottled laterally and above with light brown. Head white, mottled with lilacine brown. Collar and thorax mottled lilacine brown, white, and green, with a few black irrorations. Abdomen lilacine brown above, laterally whitish irrorated with black, ventrally white and ochreous. Fore wings chiefly lilacine brown; base of costa and cell ochreous green; a black basal line on costa, outwardly edged with white; a black basal line below cell; antemedial line fine, black, shaded with white, outcurved below cell, preceded by black and white irrorations on veins; orbicular and reniform ochreous green, broadly edged with white, both constricted, the orbicular oblique, its white margin suffusing with a white line below cell partly surrounding an ochreous-green spot; the inner margin medially white, irrorated with ochreous green; the costal margin from antemedial to apex spotted with white; postmedial fine, black, dentate from veins 8-3, then straight, shaded with white and followed by black irrorations and white points on veins, except on vein 5; the outer margin rather broadly white, irrorated with green, interrupted by a brown shade from just above vein 4 to vein 6, the white extending at veins on to fringe, leaving broad brown lunules crossed by darker lines on cilia. Hind wings fuscous brown; cilia white, shaded with light reddish brown. Hind wings below white, irrorated on costa with ochreous brown; a dark medial line from costa across discocellular; a postmedial deeply lunular black line, faintly marked between 2 and 4; a terminal lunular black line from vein 2 to apex; cilia shaded with light reddish brown.

Expanse 34 mm.

Hab. Juan Vinas.

LEIOSELIA, gen. nov.

Proboscis fully developed; palpi upturned, the second joint reaching to vertex of head and rather slenderly scaled, the third moderate; eyes large, round; antennae of female somewhat laminate and almost simple; thorax clothed almost entirely with scales and without distinct crests; tibiae moderately fringed with hairs; abdomen without crests. Fore wing with the apex rounded, the termen evenly curved and slightly crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hind wing with veins 3,

4 from angle of cell; 5 obsolescent from middle of discocellular; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

Type of genus, *Leioselia egregia*.

Leioselia egregia, sp. n.

♀. Palpi, vertex, collar behind, and patagia lilacine brown; frons whitish; collar in front greenish; thorax posteriorly white; abdomen light reddish brown. Fore wings: the base pale green, crossed by a broken black line; antemedial space dark lilacine, with a large paler spot above submedian, outwardly irregular, faintly edged with white, and then by the antemedial black line, which is outcurved, slightly lunular, interrupted on subcostal and median veins; medial space lilacine, suffused with green on costa, in cell close to antemedial, and just below cell; the inner margin green, mottled with white; a fuscous-brown medial curved shade to submedian, interrupted by reniform; the reniform narrow, greenish, outlined finely with white; postmedial fine, fuscous brown, deeply outcurved beyond cell, heavily marked by spots between veins 4 and 6; space beyond postmedial to subterminal dark lilacine, the veins irrorated with grey and white; the apex above vein 7 white, irrorated with green; the subterminal from vein 7 wavy, whitish; the outer margin greenish grey; a lunular terminal black line; cilia brown, spotted with fuscous. Hind wings brown, tinged with lilacine. Fore wings below with a dark line and spot on costa before apex. Hind wings below white; the costal margin broadly irrorated with lilacine and dark brown; a fine medial dark streak on costa; an interrupted dentate postmedial line.

Expanse 29 mm.

Hab. Sixola.

Near *M. marmorata*, Schs.

Trachea nigrescens, sp. n.

♀. Head, collar, and thorax fuscous grey, mottled with lighter grey; a transverse black line on collar. Abdomen brownish grey, with dorsal black tufts. Fore wings fuscous grey, faintly tinged with brown on postmedial space; lines black, indistinct; basal line deeply outangled on inner margin; antemedial outcurved, geminate, divided by a third line between cell and submedian; orbicular large, outlined in black; a brown-black wavy medial geminate line; the reniform white, irrorated with yellow, edged by a black line,

preceded by a greyish and a dark line; the postmedial outcurved from costa above reniform, angled at vein 5 and slightly incurved, the inner part heavily marked, the outer part very fine; the subterminal broad, irregular, with branches to terminal line, and crossed by a faint brownish line; the terminal line outwardly lunular; cilia dark grey, shaded with brown. Hind wings grey-brown, tinged with opalescent white on basal half where thinly scaled; a dark point on discocellular; a wavy dark terminal line; cilia fuscous brown, tipped with white.

Expanse 33 mm.

Hab. Juan Vinas.

Near *T. impulsa*, Gn.

Trachea altivolans, sp. n.

♂. Palpi brown in front, laterally black; head, collar, and thorax lilacine brown; abdomen brownish grey, more darkly irrorated, anal hairs reddish brown. Fore wings light brown, tinged with lilacine on basal half; orbicular space outlined by a fine dark line, deeply toothed towards base, outwardly sinuous, obsolescent below subcostal, followed by a fuscous-grey shade from costa to below reniform; reniform large, somewhat oblique, its outer margin incurved, outlined in buff-brown, and containing a curved darker line; a fine black line from base below cell to a black shade below vein 2, then in bent to middle of wing, angled to submedian and outcurved below it; two fine oblique dark lines on inner margin antemedially; postmedial line vague, deeply dentate, and fuscous on veins, followed by short fuscous streaks; termen fuscous grey, wedge-shaped between the veins, shaded with dark brown next to subterminal area; base of cilia brown, followed by a fuscous line and then by dark grey, all interrupted by buff-brown scales at end of veins. Hind wings whitish buff, the dark discal spot and postmedial line of underside visible above; veins greyish brown; a terminal fuscous line; base of cilia light brown, followed by a darker line and tipped with white.

Expanse 36 mm.

Hab. Volcano Poas.

Trachea supera, sp. n.

♀. Palpi and frons dark violaceous brown, irrorated with white; vertex brown, with ochreous hairs at base of antennae; collar and thorax mottled dark brown and dull green, slightly irrorated with white; abdomen dark grey, dorsal tufts ochreous brown. Fore wings: base greenish, crossed

by a geminate black line, inwardly oblique on costa, outset and inwardly oblique below cell; antemedial space dark greyish brown, limited by the lunular black antemedial line, which is faintly geminate, preceded and followed by some dark green on costa; orbicular annular, black, filled in with grey anteriorly; a fuscous-brown shade below orbicular, widening at fold to postmedial line, and followed by a mottled lilacine and reddish-brown shade; reniform almost round, green, edged with black and surrounded by a dark greyish-brown shade; postmedial fine, black, deeply lunular, outcurved beyond cell, outwardly shaded with dull lilacine, a fuscous-grey line, and a dark olive-brown shade; the costa green, crossed by black spots, partly irrorated with lilacine white; the postmedial followed by some green on inner margin; a subterminal irregular and broken green shade from costa to vein 2; below vein 2 a yellowish-white line angled on fold, marginal fuscous shadings widest at tornus and vein 5; terminal black spots between the veins and lilacine irrorations at veins; cilia crenulate, mottled green and brown, partly tipped with white. Hind wings white at base, otherwise dull fuscous brown; a black discal point; a postmedial dark line; cilia with a light brown line at base and tipped with white.

Expanse 40 mm.

Hab. Volcano Poas.

Near *T. leucodonta*, Hmps. n.

Chytonix cyanochlora, sp. n.

Palpi laterally brownish, fringed with bluish green, tipped with white; head white; collar and thorax bluish green, the former outwardly with a black spot; abdomen fuscous grey, with a faint whitish dorsal streak. Fore wings bluish green, the markings black; a basal spot on costa, emitting a line to submedian; an antemedial line, bifurcating on submedian, the inner portion oblique towards base, the outer portion excurved, and connected with an excurved line below cell; orbicular and reniform large, annular, contiguous; a broad black shade from costa to between these spots and a heavy shade from below reniform to inner margin; postmedial fine, lunular, dentate from vein 7 to inner margin; subterminal fine, white, preceded by a black shade from above vein 6 to costa. Hind wings fuscous grey; the apex and extreme outer margin tinged with bluish green; a darker line on discocellular and a faint dark postmedial line.

Expanse 27 mm.

Hab. Tuis, Esperanza, Sixola.

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Eriopus dapsilis, sp. n.

♂. Palpi lilacine buff, streaked in front and laterally with black. Head black, frons near proboscis lilacine buff; collar black, crossed by a fine white line and tipped with lilacine. Thorax mottled greenish buff and white. Fore wings black, the veins and lines white; a geminate basal line on costa and an inwardly oblique subbasal line, concealed below cell by a large tuft of long ochreous hairs which reach the antemedial line; the antemedial remote from base, nearly straight to submedian, then sharply incurved; an oblique line across cell from subcostal at antemedial, and beyond a finer line is angled at middle of discocellular, the latter being irrorated with ochreous scales, and is followed by another line also angled at its middle; the postmedial consists of two parallel lines, straight and oblique from costa to vein 4, incurved and suffusing between 4 and 3, incurved and separate from 3 to submedian, and partly suffusing on inner margin; a subterminal and marginal line from apex, connected from below vein 4 by a greyish and ochreous shade, becoming reddish brown at tornus; a terminal white line; cilia olive-grey and white, shaded with dark brown between veins 4 and 7. Hind wings brown-black; a dark streak on discocellular; cilia below vein 4 ochreous, above vein 4 black tipped with white.

Expanse 33 mm.

Hab. Juan Vinas.

Eriopus carmioli, sp. n.

♂. Palpi reddish brown, circled with white at base and end of second joint. Head mottled reddish brown and lilacine. Thorax too rubbed to describe. Fore wings brown, tinged with lilacine, a fuscous shade at base below cell and on inner margin; antemedial line whitish, outwardly edged with fuscous brown, incurved in cell, outcurved below it and on inner margin; orbicular small, whitish, edged with fuscous brown; reniform large, outlined in whitish, projecting posteriorly along vein 3; postmedial white, outcurved from vein 8, slightly incurved below 6, from which point it is outwardly broadly shaded with pale olive, inwardly shaded with fuscous brown, and on costa shaded with roseate; subterminal broad, silvery white, divided from below vein 6 by a brown-black line; a white streak from subterminal on to cilia along vein 4, and a similar streak from 6 to apex; terminal black lunules; cilia roseate brown. Hind wings fuscous brown.

Fore wings below fuscous; the costa and outer margin reddish; subterminal white points and a short postmedial white line on costa. Hind wings below: the costal half reddish; the inner half white; a fuscous spot on discocellular; a terminal and two dark streaks above it at anal angle.

Expanse 21 millim.

Hab. Avangarez.

Named after Mr. Carmiol, who kindly gave me the specimen.

LOPHOMYRA, gen. nov.

Proboscis rather short and slight; palpi upturned, second joint to vertex of head, third short; frons smooth; eyes large, round; antennae of male laminate. Thorax clothed chiefly with scales, the pro- and metathorax with small spreading crest; tibiae fringed with long hair and scales; abdomen with dorsal crests on basal segments. Neuration normal.

Belongs to the *Xylomyges* group.

Lophomyra tacita, sp. n.

Head, collar, and thorax mottled buff-brown, grey, and lilacine white. Abdomen ochreous brown. Fore wings: basal third of costa lilacine, with black irrorations at base, medially shaded with light brown; outer part whitish, irrorated with yellowish green; a lilacine shade in middle of cell, and a lilacine shade below it except close to end of cell, where there is some greenish yellow edged with light reddish brown; a fuscous line below median to antemedial, which is deeply outcurved, ending in some fuscous scales above submedian; the inner margin broadly greenish yellow; a white streak on median at end of cell; a median fuscous shade oblique from costa, angled at vein 3, and interrupted on submedian; postmedial space from vein 8 to vein 2 lilacine, followed by a deeply dentate fine dark line, punctiform on outer angles, the line outwardly shaded with white, and also inwardly on veins 3 and 4; a fuscous line along vein 5; a subterminal fuscous-grey shade between 5 and 7, and a broad yellowish-green shade from vein 4 to inner margin; the termen whitish, shaded with grey above vein 2; a terminal dark line; cilia light golden brown. Hind wings lilacine brown. Hind wings below whitish, irrorated with buff on costa; a deeply dentate dark subterminal line from costa to below vein 6 and points on veins 2-4.

Expanse 31 mm.

Hab. Sixola, Juan Vinas.

Monodes perigeana, sp. n.

♂. Palpi, head, collar, and thorax lilacine brown, irrorated with whitish lilacine. Abdomen grey-brown, with darker transverse shades; anal hairs lilacine buff. Fore wings glossy lilacine brown, with darker irrorations; a fuscous-grey shade in cell between spot and below cell medially; the antemedial and postmedial very fine, fuscous, the latter followed by dark points on veins; the orbicular and reniform defined by the fuscous-grey shadings; small subterminal dark brown dashes between the veins; terminal buff points, connected by an indistinct dark line; a dark brown spot at base of costa. Hind wings white; the veins terminally and the outer margin narrowly shaded with fuscous; a dark terminal line; cilia shaded with light brown basally, tipped with white.

Expanse 31 mm.

Hab. Carillo, Juan Vinas.

Monodes delenifica, sp. n.

♂. Palpi dark brown, fringed with white in front; the terminal segment white, ringed with dark brown. Head, collar, and thorax olive-green, mottled with white. Abdomen fuscous grey. Fore wings whitish, shaded with olive-green; the costal margin spotted with black; two small black spots near base below cell; some black scales antemedially in cell and below it, followed below cell by a velvety-black shade which borders the reniform below and outwardly to vein 6, extending between 5 and 6 to postmedial; the reniform large, white, crossed by a faint greenish line and inwardly edged by a black velvety line which does not meet the heavier black shade below cell; the reniform anteriorly suffusing with a white costal shade; orbicular a black point on an olive-green shade; the postmedial finely dentate, black from vein 8 to submedian fold; the outer margin mostly olive-green; the subterminal consisting of rather large black spots partly edged with white; terminal triangular black spots, inwardly edged with white; cilia green on basal half, terminally white spotted with black. Hind wings whitish, thinly scaled, irrorated with fuscous grey; the outer half darker beyond the postmedial dark line; a small discal spot.

Expanse 26 mm.

Hab. Cartago.

Monodes renipes, sp. n.

Head, collar, and thorax mottled dark and lighter brown.

Abdomen greyish, thickly irrorated with dark brown. Fore wings brown, darkest on costa and cell to postmedial and on outer margin; the inner margin broadly buff; a darker geminate basal line, broken and indistinct; the antemedial geminate, straight to submedian, then outcurved, preceded by a dark brown shade on median, incurved below cell, and followed below cell by an ovate brown line; orbicular round, whitish buff, edged with dark brown; reniform in the shape of a foot with the toe pointed towards and almost reaching orbicular, outlined in brownish buff; subcostal medially fuscous, with a dark spot above it; postmedial geminate, oblique to vein 6, then slightly incurved and angled on submedian, followed by whitish points and fuscous streaks on veins 2-6; below reniform a brownish line, inbent below submedian; a subterminal black streak above vein 7; terminal pale points; cilia fuscous grey, paler at tornus. Hind wings smoky brown, thinly scaled, showing the dark discal spot and postmedial line of underside.

Expanse 29 mm.

Hab. Juan Vinas.

Monodes optata, sp. n.

Palpi dark brown, fringed and tipped with buff; head buff; collar and thorax buff-green, the collar tipped with buff. Fore wings pale olive-green; two small clusters of brown-black scales at base of costa, and a similar larger spot below cell; a wavy whitish antemedial line outwardly very finely shaded in places with dark brown; orbicular round, white, circled with brown-black, followed by a similar shade to reniform space, this space extending above cell on costa; reniform space consisting of a fine white line, a brown-black line, and then darker green outwardly shaded with whitish and a few dark brown scales; postmedial line fine, dark brown, wavyly dentate, outcurved around cell, shaded outwardly with lilacine grey and white; a rather large brown-black spot on costa before apex, and small subterminal clusters of dark scales between the veins, the largest between 4 and 5, the spots between 5 and 8 outset; a terminal black line, interrupted by veins, its inner edge lunular. Hind wings fuscous grey; a dark discal spot. Hind wings below greenish white; a large black spot on discocellular; a postmedial lunular dentate line; a subterminal fuscous shade, obsolete towards anal angle.

Expanse 34 mm.

Hab. Juan Vinas.

Near *M. orbiculata*, Schs.

Monodes coherens, sp. n.

♂. Head, collar, and prothorax dark brown, thorax otherwise and patagia lilacine buff, with some whitish irrorations. Abdomen dark grey. Fore wings roseate buff; a whitish streak from middle of costa to inner margin near tornus, edged with metallic steel-grey scales at end of cell, which form the base of a triangular steel-grey line; the apical area beyond the white line and above vein 2 dark velvety brown, with a white line before apex; an irregular fine black line near base; an irregular medial line, preceded by greyish scales on median and submedian veins; a terminal greyish streak on vein 2; base of cilia faintly spotted with grey. Hind wings thinly scaled, shaded with brown, darkest on outer margin; a dark line on discocellular; cilia tipped with white.

Expanse 17 mm.

Hab. Juan Vinas, Tuis.

Monodes malaca, sp. n.

♂. Palpi dark brown, mottled with buff; head, collar, and thorax ochreous brown, patagia fuscous grey; abdomen fuscous grey, anal hairs light brown. Fore wings brown, tinged with lilacine; a small velvety-black spot on base of costa and a larger similar spot below cell; a pale brown antemedial curved line edged with fuscous-brown irrorations, forming a spot in cell; orbicular oblique, dark lilacine grey, edged by a fine buff line, the inner part continuing as an oblique line below cell to submedian fold near postmedial; a dark brown space between cell-spots; reniform large, faintly oblique, inwardly dark lilacine grey, edged by a fine buff line; a fine brown line from reniform to inner margin; postmedial outbent on costa close to reniform, fine, dark brown, interrupted by veins, and followed on vein 2, fold, and submedian by dark brown scales; a faint, subterminal, irregular dark line. Hind wings fuscous brown, showing faintly the large discal spot and broad postmedial line of underside.

Expanse 25 mm.

Hab. Tuis.

Very close to *M. callopietrica*, Hmps.

Carbona cognata, sp. n.

♂. Palpi buff-brown, darkly brown-streaked behind. Head, collar, thorax, and fore wings bright brown, faintly tinged with lilacine. Abdomen dull fuscous brown. Fore wings:

antemedial fine, indistinct, black, inset in cell, obliquely out-curved from median to submedian and again on inner margin; orbicular a small white spot; a faint median fuscous shade, oblique from costa to reniform, then straighter; reniform consisting of two fuscous spots at either end of discocellular, the hind spot the larger; the postmedial faintly curved on costa, consisting of a geminate row of black points; the outer margin shaded with fuscous; a terminal row of white points. Hind wings fuscous brown; a dark streak on discocellular; a fuscous postmedial line; cilia with a pale line at base and tipped with whitish. Hind wings below whitish, thickly irrorated on costa and outer margin with brown; the discal spot large; the postmedial line heaviest on inner margin.

Expanse 29 mm.

Hab. Juan Vinas, Cachi, La Florida.

Carbona lucens, sp. n.

♀. Palpi and head brown, the collar violaceous brown, the thorax lilacine brown; abdomen dull greyish brown; a dorsal dark velvety brown and opalescent basal tuft. Fore wings silky roseate brown; orbicular and reniform small, more darkly outlined; a narrow fuscous shade at base; a basal black streak on inner margin; an indistinct fine brownish antemedial line, followed below cell by a heavy black wavy line; the medial space below cell shaded with fuscous and crossed by a darker medial shade, dark brown above median and bifurcating on costa; a fine brown postmedial line, fuscous, heavily marked, and incurved below vein 2, followed by a fuscous-grey shade between 2 and 3; a subterminal dark brown shade, suffusing with the dark brown outer margin; a roseate brown shade before apex and at tornus; an interrupted fine terminal whitish line; cilia fuscous. Hind wings dark silky brown; cilia fuscous, tipped with white.

Expanse 26 mm.

Hab. Sixola.

Perigea funerea, sp. n.

Palpi violaceous black, fringed with buff. Head, collar, and thorax mottled dark and light reddish brown; the collar posteriorly and the patagia purplish black; the metathorax and base of abdomen with dorsal ochreous-buff tufts; abdomen otherwise fuscous, with fine segmental buff lines; anal hairs ochreous buff. Fore wings violaceous black; the inner margin streaked with buff and black towards base; medially

dark reddish brown; basal, antemedial, medial, and outer buff spots on costa; traces of a reddish-brown antemedial line below cell; orbicular round, outlined in black and reddish-brown scales; a black streak from orbicular to reniform, which is large, mottled with reddish brown, with a white spot and some white points posteriorly and a few white scales anteriorly; postmedial slightly excurved, indistinct, tinged with reddish brown, and followed by faint white points on veins; subterminal velvety-black streaks between veins, partly shaded with reddish brown; a terminal light brown line with buff points at veins; cilia black, divided by a fine pale lunular line, and irrorated with light brown. Hind wings fuscous; cilia whitish yellow.

Expanse 28 mm.

Hab. Sixola.

Perigea summota, sp. n.

Head, collar, and thorax dull brown, faintly tinged with lilacine. Abdomen brownish grey. Fore wings dull brown; the medial space and a subterminal shade fuscous brown, the lines still darker; the basal line very indistinct; the antemedial outbent to median, then straight to inner margin; the postmedial slightly inbent from costa to vein 4, then faintly incurved; reniform small, dull brown, faintly shaded with fuscous; a terminal dark line with white points at veins; cilia fuscous, with a brown line at base. Hind wings white; the outer margin shaded with black; a terminal black line from apex to vein 2.

Expanse 23 mm.

Hab. Sixola.

Near *P. tetera*, Wlk.

Perigea illicita, sp. n.

Palpi, head, and collar whitish, irrorated with dull red. Thorax whitish grey. Abdomen whitish grey, irrorated with darker grey. Fore wings silvery grey, the lines brownish; some black scales below cell at base; the antemedial fine, geminate, outcurved below cell and on inner margin; a white line medially in cell V-shaped, not reaching median, its outer point downcurved along reniform and heavily edged below with velvety blackish brown; some ochreous and reddish shading in V mark and also across reniform, which is also outwardly edged with white, and a fine velvety line, followed by a dark grey and reddish shade; the postmedial fine, black, inwardly lunular between the veins, and with white

points on veins, preceded and followed by faint greyish shades, all very indistinct; outer margin shaded with roseate brown; a subterminal whitish shade and a black spot above vein 6; indistinct terminal fuscous spots; cilia brown, spotted with black. Hind wings fuscous grey; semilunar terminal black spots on apical half of outer margin; cilia greyish white.

Expanse 34 mm.

Hab. Carillo, Juan Vinas.

Near *P. agalla*, Dogn.

Perigea ceruginosa, sp. n.

♂. Head and collar lilacine brown; a yellowish-buff spot on vertex. Thorax more strongly tinged with lilacine. Fore wings: costal margin lilacine grey, shaded with ochreous brown at base, and with small yellow spots towards apex; base of cell similar, followed by a yellowish spot, some grey medially, and a yellowish space at end of cell, the latter crossed by reddish lines; an oblique short white streak across median between veins 3 and 4; space below cell and vein 2 yellowish, irrorated with red, except medially between lines which is greyish; an indistinct reddish basal line; an antemedial reddish line forming three outward curves below subcostal; a reddish medial line and a similar postmedial line up and incurved from vein 3 to white streak, followed by dentate grey lines on veins 3-8, finely tipped with yellow and red; the postmedial area between 2 and 5 greyish, above vein 5 yellowish to apex; marginal reddish-brown shades between the veins. Hind wings white, some slight fuscous shadings on outer margin; a dark terminal line.

Expanse 22 mm.

Hab. Sixola.

Gonodes netopha, sp. n.

♀. Head, collar, and thorax buff; abdomen grey, irrorated with brown. Fore wings: the anterior portion from inner margin near base to outer margin below apex pale buff, faintly tinged with roseate in cell and near base below cell; basal dark brown irrorations on costa forming a geminate line, intercepted in cell and inwardly oblique, roseate brown, between cell and submedian; some fuscous-brown irrorations from costa medially to 7; posterior portion of wing brown; a blackish longitudinal streak medially below cell, edged with reddish brown; a dark point on discocellular behind; a fuscous streak from middle of vein 6 to below discocellular,

then incurved and outangled on submedian, the curved portion outwardly edged with white; a fuscous-brown spot between 3 and 4, followed by whitish streaks to termen; fuscous-brown spots terminally edged with whitish at tornus; cilia dark brown, streaked with buff. Hind wings whitish, shaded with fuscous grey, showing the discal spot and post-medial line of underside; cilia pale buff.

Expanse 26 mm.

Hab. Juan Vinas.

BRYOGRAMMA, gen. nov.

Proboscis fully developed; palpi upturned, the second joint to about vertex of head and slenderly scaled, the third moderate; frons smooth; eyes large, round; antennæ of male somewhat laminate and ciliated; thorax clothed chiefly with scales, the prothorax without crest, the metathorax with depressed crest; build slender; tibiæ moderately fringed with hair; abdomen without crests. Fore wings rather narrow, the apex rounded, the termen evenly curved and not crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10, anastomosing with 8 to form the arcole; 11 from cell. Hind wing with veins 3, 4 from angle of cell; 5 obsolescent from middle of discocellular; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

Type of genus, *Bryogramma sisera*.

Bryogramma sisera, sp. n.

♀. Head, collar, and thorax white, irrorated with fuscous brown; abdomen grey. Fore wings white, irrorated with grey; a black basal line, outwardly edged with clear white; antemedial line sinuous, black, inwardly edged with clear white; orbicular oblique, white, suffusing with a whitish shade below cell, which also suffuses with reniform; a fuscous shade in cell between the spots, containing a white line close to subcostal; reniform rather large, whitish, containing a few dark grey scales; postmedial clear white, curved close around reniform, and finely edged with fuscous scales, which suffuse at vein 3; an incurved black line from vein 2 to submedian, crossing the postmedial, and inbent below submedian; space beyond postmedial broadly brownish grey to the black subterminal shade, which is inbent at vein 5 and below vein 2; the outer margin white, partly irrorated with grey; a terminal black line interrupted by veins; cilia white, with a fuscous line and dark brown spots. Hind wings white;

some pale brownish irrorations on costa and outer margin from apex to vein 3; the black discal spot of underside visible; a fine brownish postmedial line; a terminal black line; cilia white. Underneath the postmedial line is replaced by a well-marked subterminal line.

Expanse 25 mm.

Hab. Volcano Poas.

Neolita adin, sp. n.

♀. Body pale buff, thinly irrorated with brown. Fore wings pale buff, irrorated with roseate brown, chiefly above submedian, in cell, and on outer margin; traces of fuscous lines on costa; the antemedial with a few fuscous scales in cell and on submedian; a fine dark medial shade oblique to a dark point on discocellular posteriorly; the postmedial remote from cell, outcurved, consisting of fuscous points on veins; a terminal fuscous line interrupted by veins; cilia dark grey-brown, spotted with pale buff at veins. Hind wings whitish, shaded with grey; a dark discal point.

Expanse 20 mm.

Hab. Laguna.

Acidaliodes zattu, sp. n.

♂. Palpi light brown; head, collar, and thorax grey; abdomen darker grey. Fore wings acute, slightly excised below apex, oblique below vein 3, grey, slightly irrorated with brown; the extreme costa light brown, with basal, antemedial, and medial small fuscous spots, and whitish spots towards apex; a faint, curved, antemedial brownish line; a fine medial line oblique from costa across discocellular; postmedial more heavily marked, brown, slightly oblique to vein 3, then outbent to near tornus, angled and oblique to inner margin; a whitish shade on outer margin, linear and dentate at tornus; a terminal dark grey line from apex to vein 3, then less distinct and slightly lunular; cilia yellowish at tornus, otherwise reddish brown tipped with yellowish. Hind wings brown, mottled with grey on outer margin; fine basal, medial, and postmedial lines of black irrorations; cilia brown, tipped with yellow near apex. Fore wings below fuscous, the inner margin broadly white. Hind wings below whitish; a marginal fuscous shade, chiefly near apex.

Expanse 16 mm.

Hab. Juan Vinas.

Near *A. excisa*, Hmps.

Acidaliodes elam, sp. n.

♀. Palpi and frons light brown; vertex, collar, and thorax white; abdomen whitish grey. Fore wings excised below apex and very oblique below vein 4, grey; the costa broadly white; dark brown spots on extreme costa except at base; a darker grey antemedial line, followed by a whitish shade; a postmedial whitish shade; subterminal white, angled above vein 6 and on vein 3, preceded by a darker grey shade from below vein 5; outer margin tinged with buff; a terminal black streak above tornus; three terminal black points between veins 4 and 7; cilia dark grey. Hind wings angled below vein 6, then sinuous to anal angle, buff-brown, becoming darker on outer margin; some fuscous irrorations medially and on inner margin before a subterminal whitish line; a terminal whitish line; cilia mottled grey and brown. Fore wings below black; the apex and outer margin white. Hind wings below white; some black at base; a broad subterminal black shade.

Expanse 14 mm.

Hab. Juan Vinas.

Near *A. truncata*, Hmps.

Proroblemma rosea, sp. n.

♀. Head and thorax dark grey; thorax paler, shading to lilacine roseate posteriorly; abdomen brownish buff. Fore wings lilacine roseate-brown crossed by numerous violaceous-brown striae, more thinly at base, and partly suffusing on postmedial area; a black point as orbicular; a roseate streak on discocellular; postmedial line roseate, excurved on costal margin, and inwardly oblique from vein 7 to middle of inner margin; apex shaded with roseate; terminal black points. Hind wings whitish tinged with yellow; terminal dark points; the black discal point and faint postmedial line of underside perceptible above.

Expanse 22 mm.

Hab. Juan Vinas.

Trogoblemma modesta, sp. n.

♂. Palpi lilacine brown, fringed above with white; head and collar white, outwardly shaded with lilacine brown; abdomen greyish irrorated with brown. Fore wings brown, shaded with lilacine on costal and outer margins; scattered black irrorations on costa and basal area; orbicular and reniform consisting of a black point each; a faint postmedial

dentate, punctiform, whitish shade from vein 7, deeply incurved at vein 3; terminal black points; cilia dark brown. Hind wings whitish; a discal spot and punctiform postmedial fuscous line; terminal black points; some fuscous hairs on inner margin. The female has the hind wings suffused with brownish grey.

Expanse 19 mm.

Hab. Juan Vinas.

ANABLEMMA, gen. nov.

Proboscis aborted and slight; palpi upturned, the second joint reaching to vertex of head and very broadly rounded with scales in front, the third short; frons smooth, with tuft of hair above; eyes large, round; antennae of male minutely ciliated; thorax clothed almost entirely with scales and without crests; tibiae slightly fringed with hair; abdomen with small basal crest only. Fore wing narrow, the costa arched towards apex, which is produced and acute, the termen angled at vein 4, then oblique; vein 3 from well before angle of cell; 4, 5 from angle; 6 from below upper angle; 7, 8, 9, 10 stalked; 11 from cell. Hind wing with veins 3, 4 from angle of cell; 5 nearly fully developed from well above angle; 6, 7 from upper angle; 8 anastomosing with the cell to near middle.

Type of genus, *Anablemma lebana*.

Anablemma lebana, sp. n.

♂. Palpi and frons dark brown; vertex and body lilacine grey, a dark brown dorsal spot on anal segment. Fore wings lilacine grey, thinly irrorated with black, the costal half shaded with brown; lines fine, brown, edged with grey on costa, more heavily marked on inner margin; the inner line nearly straight; the outer line outcurved below costa and inwardly oblique, followed on inner margin by a black-brown spot; a terminal brown shade, heaviest towards apex; cilia grey, finely streaked with white, and with brown spots at tips. Hind wings grey, shaded with brown terminally, and a fuscous shade at vein 2.

Expanse 20 mm.

Hab. Sixola.

Anablemma ziha, sp. n.

♂. Palpi and frons ochreous brown; vertex, body, and fore wings lilacine, with a few scattered black scales. Fore

wings: costa and lines olive-brown, the latter finely edged with scales paler than ground-colour; the antemedial and postmedial lines outcurved from costa; some terminal black scales; cilia mottled with brown; some black on cilia of inner margin near tornus. The outer margin produced at vein 6. Hind wings buff-brown.

Expanse 16 mm.

Hab. Banana River.

Anablemma harsha, sp. n.

♂. Palpi and frons fuscous brown, vertex, collar, and thorax whitish finely striated with buff-brown; abdomen lilacine, with a black dorsal spot beyond middle. Fore wings; the apex acute, slightly falcate; anterior half olive-brown, shading to lilacine irrorated with olive-brown on inner margin; lines fine, olive-brown, shaded on either side with lilacine; the antemedial slightly curved, the postmedial wavy, outcurved below costa, incurved near inner margin; terminal dark velvety spots between veins, the most noticeable above tornus and below apex. Hind wings whitish, the outer margin rather narrowly shaded with greyish brown; a terminal black streak before vein 2; discal point and postmedial line of underside faintly indicated.

Expanse 21 mm.

Hab. Volcano Turrialba.

Anablemma necoda, sp. n.

♀. Palpi and frons dark brown; vertex and body creamy buff; anal hairs and a transverse brown fascia on abdomen posteriorly lilacine and reddish brown. Fore wings creamy buff, the costal margin shaded with olive-brown; medial and postmedial oblique brown streaks on costa edged with white; a few dark irrorations on inner margin and outer half of wing; a fine medial dark line across cell; an inwardly oblique heavily marked fuscous-brown line below cell, interrupted by submedian, and finer below it; a fuscous-brown line on discocellular, preceded by an olive-brown shade; postmedial fine, inwardly oblique, punctiform, terminating in a fuscous-brown spot on inner margin; an indistinct subterminal brownish shade; a fuscous-brown terminal line, partly interrupted, and more heavily marked between veins 3 and 5. Hind wings yellowish buff; a fine postmedial line downbent and more heavily marked on inner margin; traces of a terminal dark line.

Expanse 21 mm.

Hab. Juan Vinas.

Lycaugesia hatita, sp. n.

♀. Palpi mottled brown and white, head and collar white, thorax ochreous and white; abdomen grey, dorsally irrorated with ochreous. Fore wings reddish brown, shaded with ochreous at base; the costal margin chiefly white; the apex broadly white, narrowing to vein 4, and with terminal black points; terminal fuscous spots below vein 4 to tornus, shaded with white; a darker antemedial line, angled on subcostal and inwardly edged with white; a white line across end of cell, incurved and outbent to inner margin; a dentate white line above inner margin near tornus; cilia white above vein 4, grey below it. Hind wings ochreous yellow irrorated with brown, forming a broad subterminal shade; a white discal spot followed by and preceded by dark irrorations; some white terminally, crossed by a dark irregular lunular line; cilia white. Fore wings below fuscous shaded with white at apex. Hind wings below white, the outer margin broadly fuscous.

Expanse 12 mm.

Hab. Juan Vinas.

Near *L. rubripicta*, Hmps.

Drobeta bullata, sp. n.

♂. Palpi whitish buff, outwardly streaked with black. Head and collar mottled brown and buff; a dark transverse line on collar. Thorax and abdomen above dark brown and fuscous; thorax underneath and anal hairs white. Fore wings dark brown, strongly shaded with black on basal half; costal margin slightly swollen medially; an antemedial geminate black line, filled in with dark brown, straight to median, then inwardly oblique, and outcurved on submedian; orbicular, a small black ring filled in with dark grey scales; an indistinct medial black line; reniform brown, edged with a few whitish-buff scales; postmedial geminate, black, wavy to vein 3, then inbent and straight to inner margin; a subterminal heavy fuscous shade from 8-4, fine and indistinct below vein 4, outwardly finely shaded with lighter brown; outer margin shaded with fuscous grey; a terminal lunular velvety fuscous-brown line, and buff points at veins. Hind wings with the outer margin inbent at vein 2, and an elongated fovea on vein 2 below, forming a raised globule above, fuscous brown, shaded with white around fovea; cilia with whitish streaks at veins; whitish hairs on inner margin.

Expanse 25 mm.

Female wings normal. Fore wings: the reniform space whitish buff, surmounted by a white spot on costa; the postmedial geminate line filled in with white, and followed below vein 3 by a greyish-buff shade.

Expanse 28 mm.

Hab. Sixola, Banana River.

The female is very much like *Lithacodia veteriosa*, Schs., but much smaller.

Parangitia temperata, sp. n.

♀. Palpi, head, collar, and thorax buff; the patagia outwardly shaded with dark brown. Abdomen dark grey. Fore wings: the medial area buff shaded with brown, darkest near postmedial line, leaving the base and inner margin fuscous and dark grey, tinged with lilacine, separated by a vague fuscous antemedial line, straight from costa to near submedian, curved and upturned below reniform, then outbent to postmedial; orbicular a dark brown spot surrounded by lilacine buff; the reniform consisting of a brown streak on discocellular edged with lilacine buff; the postmedial black, geminate, outcurved, followed by a whitish shade from costa to vein 6, and by dark grey shadings below 6; a subterminal whitish line, preceded by a dark velvety streak below costa, and interrupted between 3 and 6 by a dark grey terminal shade. Hind wings dark brown, shaded with fuscous on outer margin; cilia reddish buff.

Expanse 23 mm.

Hab. Juan Vinas, Tuis.

Parangitia guanacaste, sp. n.

♂. Head lilacine buff. Collar medially and thorax buff; collar outwardly and patagia dark brown and fuscous. Abdomen above brown with subdorsal buff lines; a lateral whitish-grey streak. Fore wings: the base brown, limited by an oblique antemedial black line to middle of inner margin, and crossed by basal black shade to submedian; medial space grey, crossed by a fuscous-grey line oblique from costa between orbicular and reniform, angled below the latter and incurved to inner margin; the orbicular and reniform outlined with fuscous grey; the postmedial line black, oblique from costa to vein 4, incurved and finely dentate, parallel with medial line, followed by a brown line, from costa to vein 4, and another black line which coalesces with a terminal black shade between 3 and 5; some brown shading above tornus; subterminal black scales forming a dentate

line near costa. Hind wings dark brown; the costa whitish, shaded with brown at apex.

Expanse 24 mm.

♀. Fore wings brown, shaded with reddish medially on costa and below cell; antemedial and medial lines less distinct; postmedial fine, black, the dark lines following it as heavily marked as in male; the apex shaded with dark grey. Hind wings with the cilia ochreous brown, shading to reddish brown at apex.

Expanse 25 mm.

Hab. Avangarez.

Angitia caliginosa, sp. n.

♂. Palpi and head buff; a dark transverse line on vertex. Collar and thorax fuscous brown mottled with grey and buff. Abdomen dark grey irrorated with buff scales and crossed by fine buff lines posteriorly on segments. Fore wings dark brown shaded with fuscous; the base broadly fuscous, limited by a faint grey-brown shade, forming the inner portion of a vague antemedial dark geminate line; the costal margin shaded with lighter brown; a dark median shade angled at reniform, which consists of a buff point; postmedial fine, black, geminate, partly filled in with buff-brown scales, wavyly oblique from costa, and slightly angled between 3 and 4; subterminal shadings very indistinct, forming a fuscous spot below costa, above vein 5; some terminal buff-brown scales at vein 2; a terminal dark velvety line; cilia buff above tornus and below apex. Hind wings fuscous brown; a buff spot above tornus; cilia luteous.

Expanse 23 mm.

Hab. Banana River.

Angitia ligneola, sp. n.

Palpi, head, collar, and thorax buff; two transverse fuscous lines on collar; patagia outwardly shaded with fuscous brown. Abdomen grey-brown; dorsal buff scales and transverse buff bands. Fore wings buff shaded with brown; base dark lilacine grey, crossed by a brown shade and limited by a black velvety line, incurved below cell, ending near middle of inner margin; orbicular a dark point; reniform large, oval, greyish with a darker line, and edged with whitish buff; a small brown spot on costa before middle; a fine dark line from reniform to inner margin; postmedial fine, fuscous brown, outcurved and finely dentate, followed by a fine brownish shade, most distinct below costa,

coalescing with a fuscous spot at middle of outer margin, a dark terminal spot above tornus; apex shaded with grey; a terminal dark brown line. Hind wings fuscous brown; reddish and black scales at anal angle; cilia buff, shaded with dark brown on apical half. Fore wings below buff-brown, shaded with fuscous on disc and outer margin. Hind wings below pale buff-brown, shaded with white on inner area.

Expanse 27 mm.

Hab. Banana River.

Angitia grandis, sp. n.

♀. Palpi brown. Head and collar brown. Thorax mottled dark brown and grey. Abdomen brown with a few darker irrorations. Fore wings dark brown; a broad post-medial fuscous shade on which a geminate velvety black line is faintly discernible; fuscous streaks above 4 and 5 to termen; a subterminal white shade between 2 and 4; whitish marginal lunules below vein 2, between 3 and 4, and a whitish line subapically; terminal velvety lunules, inwardly edged with white below vein 4, and with light brown above vein 4; the apical area shaded with grey. Hind wings fuscous brown; a whitish spot above anal angle; buff spots at veins on cilia.

Expanse 34 mm.

Hab. Juan Vinas.

Mictochroa dolens, sp. n.

♂. Head, collar, and thorax fuscous brown irrorated with buff-grey; abdomen dark brown irrorated with whitish grey. Fore wings fuscous brown, darkest medially; some white irrorations on costal margin, along submedian, and on veins 3 and 4 near cell; antemedial lighter brown, partly edged with velvety black, inbent from median to submedian; orbicular round, lighter brown, edged with velvety black-brown; an indistinct black medial line; reniform large, lighter brown, inwardly edged with velvety black, and with a small white spot behind; postmedial wavyly outcurved, light brown partly edged with black-brown, and with whitish points on veins; an irregular subterminal lighter brown line; an interrupted terminal black line. Hind wings dark brown; a dark discal spot and fine postmedial line.

Expanse 27 mm.

Hab. Juan Vinas.

Mictochroa ambigua, sp. n.

♂. Frons fuscous brown; vertex, collar, and thorax roseate brown; abdomen grey with darker irrorations. Fore wings roseate brown, thinly irrorated with black; lines fine, black, the antemedial and medial indistinct, the post-medial distinct, finely wavy and outcurved; cilia fuscous. Hind wings fuscous grey; cilia roseate buff mottled with black.

Expanse 26 mm.

Hab. Juan Vinas.

Chalenata noxia, sp. n.

Palpi, head, collar, and shoulders dark brown; thorax and abdomen creamy white irrorated with brown. Fore wings creamy buff; costa at base and medially shaded with dark brown; traces of an antemedial fine rust-brown line; orbicular a black point; a broad medial shade, widest at end of cell and on costa, its outer edge dentately outcurved beyond cell, dark brown, inwardly shaded with rust-brown, and with a fuscous shade on discocellular; postmedial and subterminal rust-brown spots between the veins, partly suffusing; marginal brown shadings broadest between veins 3 and 5; terminal fuscous spots between the veins; cilia mottled black and grey. Hind wings fuscous grey.

Expanse 20 mm.

Hab. Juan Vinas.

Ozarba agraria, sp. n.

♀. Head, collar, and thorax lilacine brown, shaded and irrorated with black; abdomen fuscous brown with pale transverse lines. Fore wings brown, palest on outer margin; base shaded with fuscous, with traces of a buff-brown basal line; antemedial buff-brown, outcurved below cell, shaded on either side with fuscous brown; a wavy fuscous-brown geminate medial line; reniform space to costa buff, with a downcurved buff shade between 3 and 4, containing some greyish scales; postmedial buff, incurved, oblique from costa, angled between 7 and 6, and 5 and 4, then wavy to inner margin, edged with fuscous brown, which is velvety outwardly from costa to vein 6, followed by a fuscous-brown shade and a velvety streak between veins 6 and 7 to subterminal; subterminal fine, buff, wavy, followed by a velvety brown-black spot at apex; a dark terminal line, somewhat

interrupted at veins; cilia mottled light and fuscous brown. Hind wings fuscous brown; cilia tipped with white.

Expanse 23 mm.

Hab. Tuis.

Bryocodia poasina, sp. n.

Palpi, head, collar, and thorax black, thinly mottled with buff; abdomen buff, dorsally shaded with fuscous brown and with fuscous dorsal tufts. Fore wings dark brown, the medial space almost black; some reddish irrorations on basal space; antemedial geminate, velvety black filled in with buff-grey, and slightly irrorated with dark red; a dark leaden-grey spot in cell and one below it, both outwardly edged by a curved velvety-black shade; a buff-grey line above reniform, which is also buff-grey, crossed by a fuscous line, sometimes strongly irrorated with white, and followed by a fuscous shade in curve formed by postmedial, which is also buff-grey, followed by a fuscous line from costa to vein 3, and sometimes on inner margin by white; terminal area irrorated with reddish; a subterminal fuscous shade, partly edged with buff-grey and sometimes with white; terminal velvety-black spots separated by buff points; cilia fuscous grey, with faint buff streaks at veins. Hind wings fuscous; the costal margin whitish; a dark discal spot and postmedial line; terminal dark spots; cilia light reddish. Hind wings below white, thinly irrorated with fuscous; a round black discal spot; a dentate postmedial line and interrupted black terminal line.

Expanse 24 mm.

Hab. Volcano Poas.

Bryocodia saniva, sp. n.

♀. Head, collar, and thorax buff mottled with brown; abdomen buff irrorated with brown. Fore wings brown, shaded with buff at end of cell and on postmedial area; an antemedial buff line, partly edged with fuscous scales, and nearly straight from costa to inner margin, followed by a lilacine-rust shade in and below cell and an indistinct pale angled line; end of cell fuscous brown, the discocellular broadly whitish buff, irrorated with ochreous and rust-brown; the postmedial whitish, outcurved and wavy beyond cell, slightly incurved below vein 3, edged with fuscous brown, and irrorated with ochreous buff from below vein 4; a dark brown space on costa before apex; a dark line from postmedial between 5 and 6, expanding on outer margin; some

terminal darker shadings above tornus; cilia mottled ochreous and dark brown. Hind wings fuscous grey, showing the black discal spot and finely dentate postmedial line of underside; cilia yellowish.

Expanse 28 mm.

Hab. Juan Vinas.

NEOCODIA, gen. nov.

Proboscis fully developed; palpi upturned, the second joint to middle of frons, moderately scaled, the third moderate; frons smooth; eyes large, round; antennae of female ciliated; thorax clothed almost entirely with scales, the prothorax without crest, the metathorax with spreading crest; tibiae moderately fringed with hair; abdomen with dorsal crests on two basal segments. Fore wing with the apex rounded, the termen somewhat excised below apex and excurved at middle, not crenulate; veins 3, 4 stalked; 5 from just above angle of cell; 6 from below upper angle; 7, 8, 9, 10 stalked; 11 from cell. Hind wing with veins 3, 4 stalked; 5 nearly fully developed from well above angle of cell; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

Type of genus, *Neocodia asna*.

Neocodia asna, sp. n.

♀. Palpi and head grey; collar and thorax grey shaded with ochreous brown; abdomen above brown, with dorsal ochreous tufts at base. Fore wings: basal half white, crossed by a basal and antemedial dull brown line, and with a broader similar shade between them; outer half olive or ochreous brown according to light; a fine dark postmedial line shaded with white; the apex broadly buff suffused with golden brown; an irregular subterminal black shade suffusing with a black spot on outer margin between veins 4 and 5. Hind wings fuscous brown, thinly scaled at base; cilia buff-grey with some fuscous shadings.

Expanse 17 mm.

Hab. Guapiles, Sixola.