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Publisher: Taylor & Francis
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Journal of Natural History Series 8

Publication details, including instructions
for authors and subscription information:
<http://www.tandfonline.com/loi/tnah14>

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G. T. Bethune-Baker F.L.S. F.Z.S.

Version of record first published: 08 Sep
2009.

To cite this article: G. T. Bethune-Baker F.L.S. F.Z.S. (1911):
LXIII.—Descriptions of new African Heterocera , Journal of Natural History
Series 8, 7:41, 530-552

To link to this article: <http://dx.doi.org/10.1080/00222931108692974>

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LXIII.—*Descriptions of new African Heterocera.*

By G. T. BETHUNE-BAKER, F.L.S., F.Z.S.

*Syntomidæ.**Ceryx flava*, sp. n.

♂. Antennæ dark brown. Head, thorax, and abdomen uniform chrome-yellow. Legs dark brown. Primaries brown where not hyaline; all the cell and nearly all below the cell to vein 1 a hyaline, angle of veins 7 and 8 hyaline, internervular area between 6 and 7 hyaline for two-thirds, area between 5 and 6 nearly filled in with brown but not quite, a hyaline ovate spot on each side of vein 4, angle of vein 2 hyaline. Secondaries with basal area yellow, outer half greyish brown, no hyaline spots at all.

Expanse 29 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November (*Ansorge*).

Type in my collection.

Syntomis tripunctata, sp. n.

Antennæ with white tips. Head, thorax, and abdomen uniform greenish black. Primaries greenish black, with a small hyaline spot in the cell, one above vein 6, and one below it, below vein 4. Secondaries, a minute dot beyond the cell.

Expanse 23 mm.

Hab. N'Dallo Tando, N. Angola, 2700 feet; December (*Ansorge*).

Type in my collection.

Syntomis dissimilis, sp. n.

Antennæ all black. Head, thorax, and abdomen blue-black, the latter with the two middle segments dull red, with a similar coloured fine lateral line from them to the thorax. Both wings bluish black. Primaries with a hyaline quadrate spot below the cell, a large spot filling the apical half of the cell, below which is a large subquadrate spot, a spot above vein 6, two ovate spots, one on each side of vein 4. Secondaries: a large basal spot extending into the cell, another beyond the cell divided by vein 3. Fringes to both wings brown.

Expanse 33 mm.

Hab. Laikipia, East Equatorial Africa; June (*Jackson*).

Type in my collection.

Allied to *S. consimilis*, Hmps.

Syntomis n'tebi, sp. n.

Antennæ tipped with white. Head, thorax, and abdomen blackish, the latter with three segments banded with red. Both wings brownish black. Primaries with a small round spot below the cell, a larger one at the end of the cell, below which a little inwards is an elongate one; an oval spot above vein 6, and an oval one between veins 3 and 4 and 4 and 5. Secondaries with a roundish basal spot and a round spot beyond the cell.

Expanse 35 mm.

Hab. N'tebi, Uganda (*Jackson*).

Type in my collection.

Allied to *S. borguensis*, Hamp-n.

Eressades, gen. nov.

Antennæ bipectinate to tip, with long branches and cilia; palpi and proboscis absent, minute spurs on hind tibiae only. Neuration: primaries, vein 2 from middle of cell, 3 from before the angle, 4 from angle, 5 from well above the angle, 6 from upper angle, 7, 8, 9, 10 stalked. Secondaries normal in shape, with vein 2 from a third before the angle, 3 from before the angle, 4 from the angle, 5 from the middle, 6 and 7 coincident.

Type, *Eressades flavipunctata*, B-B.

Eressades flavipunctata, sp. n.

♂. Antennæ brown; head yellow; thorax brown, with small yellow patagia and centre of metathorax yellow; abdomen yellow; legs brown. Both wings greyish brown with straw-yellow spots. Primaries with a subquadrate spot below the cell, a triangular spot in the cell at its upper extremity, a round spot above vein 6, one on each side of vein 4. Secondaries with basal spot in the cell and below it, beyond the cell a spot on each side of vein 4.

Expanse 26 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; December (*Ansorge*).

Type in my collection.

Euchromia jacksoni, sp. n.

♀. Head, antennæ, thorax, and abdomen black, the latter with a pale yellowish spot on each side of the proximal segment, two lateral metallic-blue dashes on the next two segments, on the dorsal and on the ventral surfaces, which are separated; a small metallic spot on the dorsum of each segment also: a red lateral patch on the following segment

and a red spot on the dorsum, ventral surface of this segment banded with white; the remaining segments barred laterally with metallic-blue on both dorsal and ventral portions; similar coloured small spots on the centre of the dorsum also; on each side of the dorsum is a deep black stripe dividing all the markings as described. Both wings brownish black, with straw-yellow hyaline patches. Primaries with a large spot below the cell and a small one in it; a series of four confluent spots beyond the cell divided by the veins, the two upper small, the two lower large spots. Secondaries with a small basal elongated spot in the cell and one below it, a very large spot beyond the cell extending into the angles of vein 3.

Expanse 52 mm.

Hab. Entebbe, Uganda; December (*Jackson*).

Type in my collection.

Metarctia rosacea, sp. n.

♂. Antennæ cream-colour. Head, palpi, thorax, abdomen, and legs pale pink. Both wings pink. Primaries marked with very pale brownish, a subbasal angled stripe across the cell and fold, followed by a curved one in the cell and into the interneural area of veins 2 and 3, a mark across the end of the cell; a postmedian waved fascia confluent with the interneural brownish area between veins 2 and 3; veins brownish; fringes pale brown. Secondaries very pale pink with pink fringes.

Expanse 37 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; December (*Ansorge*).

Type in my collection.

Metarctia pallens, sp. n.

♂. Palpi and antennæ brown; head, thorax, and abdomen dirty yellowish. Legs brown. Primaries very pale washed-out straw-colour, with the costa and upper margin of cell brown; a brown angled dash across the end of the cell, a broadish brown stripe, rather indefinite as to area, along vein 1 *a*. Secondaries palest straw-colour, inclined to be hyaline about the cell.

Expanse 40 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November (*Ansorge*).

Type in my collection.

Metarctia diversa, sp. n.

♂. Palpi and antennæ brown; head pale pinkish brown;

thorax pale brownish ; abdomen pinkish ochreous. Legs brown. Primaries uniform brownish grey slightly tinged with pink, with a dark grey mark across the end of the cell ; costa finely pink. Secondaries very pale pinkish, inclined to be hyaline at the base.

Expanse 46 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet ; October (*Ansorge*).

Type in my collection.

Metarctia contrasta, sp. n.

♂. Face and head rose-colour, collar smoke-brown edged with rose-colour, antennæ sooty brown ; thorax sooty brown, with a metathoracic tuft of rose-colour ; abdomen uniform rose-colour, ventral surface brown with yellow segmental divisions. Legs brown. Primaries uniform dark sooty grey with yellow fringes. Secondaries creamy white, semi-diaphanous.

Expanse 42 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet ; November (*Ansorge*).

Type in my collection.

Near *M. flavicincta*, Auriv., but the rose-coloured head, collar, and abdomen easily distinguish it.

Metarctia rubrilineata, sp. n.

♂. Head, antennæ, thorax, and abdomen uniform umber-brown. Legs yellowish brown tinged with pink ; ventral surface yellowish. Both wings uniform umber-brown. Primaries with a red subcostal line for four-fifths of the costa, a small red spot near the end of the cell and another beyond it, a red spot below the angle of vein 2. Secondaries spotless.

Expanse 36 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet ; November (*Ansorge*).

Type in my collection.

Metarctia rubribasa, sp. n.

♀. Head red, antennæ black, collar, thorax, and abdomen pinkish brown. Primaries pinkish brown, with the base very restricted rosy ; costa very finely pale pinkish. Secondaries uniform deep cream tinged with pink.

Expanse 42 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet ; December (*Ansorge*).

Type in my collection.

Metarctia uniformis, sp. n.

♂. Head and thorax yellow; abdomen paler yellowish; antennæ brown. Legs brown. Primaries uniform pale sooty brown, slightly darker along the costa and the inner margin. Secondaries creamy white.

Expanse 32 mm.

Hab. Malange, Portuguese W. Africa; December.

Type in my collection.

Near *M. flavicincta*, Auriv.

Arctiadæ.

*LITHOSIANÆ.**Nola angola*, sp. n.

♀. Head and thorax white; abdomen grey. Primaries with base white, narrowly grey at costa; median area and all the rest of the wing dark grey, except a white subovate costal patch from the end of cell into the apex, the terminal area being very dark; there is a trace of a dark postmedian and angled subterminal line across the ovate white patch. Secondaries grey, whitish towards the base.

Expanse 24 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Chionæma rubritermina, sp. n.

♂. Head, thorax, and abdomen white. Both wings pure white. Primaries with three fine blood-red lines, viz., median one slightly angulated, postmedian very deeply projected outwards between veins 3 and 4, the third being a terminal line; a black spot in the cell followed by another at the end of the cell; costa with a small subbasal spot and another below it at the base of the cell, a subcostal spot just outside the postmedian line.

Expanse 20 mm.

Hab. Oni (Lagos); April.

Type in the Oxford Museum.

Ilema melanosticta, sp. n.

♂. Head and pectus yellow, antennæ yellow with dark shafts. Collar yellow; thorax white with yellowish patagia; abdomen yellow. Both wings pure white. Primaries with costa very finely black to the costal spot, a deep black subcostal spot just beyond the centre, a second below it shifted slightly inwards below the angle of vein 2. Secondaries quite spotless.

♀. Like the male.

Expanse 40 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet ; November (*Ansorge*).

Type in my collection.

This is near *T. eningæ*, Plötz, but its pure white wings and yellow head and abdomen will distinguish it.

Ilema diplisticta, sp. n.

♂. Head, thorax, and abdomen yellowish. Primaries creamy white, with more colour at the base and on the fold, an indistinct dark spot on the costa just beyond the centre and another distinct one below it, shifted slightly outwards below vein 2. Secondaries spotless dirty white.

♀. Primaries darkish grey, with both spots distinct. Secondaries paler grey and spotless.

Expanse, ♂ 30, ♀ 36 mm.

Hab. Gunnal (W. Africa) ; June.

Types in my collection.

Ilema triplaiola, sp. n.

♂. Head and thorax pale tawny ; abdomen grey, terminal segments yellowish. Primaries tawny ochreous (best described perhaps as deep buff), with the base paler and slightly paler beyond the median area ; a small dark spot at the end of the cell, another on vein 2 shifted inwards, below which is another indistinct one on the inner margin ; a few scattered dark scales in the postmedian area. Secondaries clear, spotless, pale yellowish.

Expanse 27 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet ; November (*Ansorge*).

Type in my collection.

Ilema malanga, sp. n.

♂. Head yellowish, thorax and abdomen grey. Primaries pale lemon-yellow, with the median area deeper yellow, inclined to an orange shade, a small dark point about the middle of vein 2. Secondaries very pale lemon-yellow.

Expanse 28 mm.

Hab. Malange, W. Africa.

Type in my collection.

Ilema unistrigata, sp. n.

♂. Head, thorax, and abdomen yellow, the latter the palest. Primaries pale straw-colour, with a single waved confluent spotted grey stripe across the end of the cell. Secondaries very pale clear yellowish.

Expanse 30 mm.

Hab. Gunnal (W. Africa) ; June.

Type in my collection.

Ilema bisticta, sp. n.

♂. Head and thorax yellowish, abdomen pale greyish. Primaries dirty yellowish, with a dark grey spot near the lower angle of the cell and another below it shifted inwards below vein 2 ; subterminal area with fine dark scattered scales. Secondaries semitransparent very pale lemon-yellow.

Expanse 30 mm.

Hab. Malange, W. Africa ; October.

Type in my collection.

Ilema minutissima, sp. n.

♂. Head, thorax, abdomen, and legs dirty white. Primaries creamy white without any markings. Secondaries uniform milky white.

Expanse 18 mm.

Hab. Gunnal, W. Africa ; June.

Type in my collection.

Ilema celida, sp. n.

♂. Head, thorax, and abdomen ochreous grey. Primaries uniform ochreous grey, with a dark spot in the cell on the discocellulars. Secondaries creamy ochreous, paler than the primaries, quite markless.

Expanse 22 mm.

Hab. Gunnal, W. Africa ; November.

Type in my collection.

Ilema squamosa, sp. n.

♂. Head yellowish, thorax and abdomen dark grey. Primaries pale straw-colour without any pattern, but more or less covered with very fine darkish scales. Secondaries pale creamy-white.

Expanse 24 mm.

Hab. Malange, W. Africa ; November.

Type in my collection.

Anaphosia parallela, sp. n.

♂. Head orange-yellow, thorax pearly white, a central deep orange spot on collar and fore part of thorax ; abdomen yellowish grey. Primaries pearly white, tinged with pale straw, so as just to prevent it being white. Costa very finely black, a median and postmedian waved and curved fine black line parallel with each other. Secondaries the same colour as the primaries.

♀. Like the male, but with the secondaries yellower.

Expanse, ♂ 34, ♀ 42 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; October (*Ansorge*).

Types in my collection.

Asura crenulata, sp. n.

♂. Head, thorax, and abdomen pinkish yellow. Primaries pinkish yellow, with pinkish-grey spotted lines; an oblique basal line followed by a parallel subbasal one, an irregular short line across the cell near its end, a small spot at the upper angle of the cell, a broad postmedian crenulate line, followed by an irregular subterminal one; termen with fine internervular dark dashes. Secondaries clear semihyaline pale lemon-yellow.

Expanse 24 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; December (*Ansorge*).

Type in my collection.

Near *A. obliterata*, Wlk.

Asura pectinata, sp. n.

♂. Head, thorax, and abdomen pinkish, antennæ with long black branches and pinkish shaft. Primaries pink, basal area with a yellowish tinge with pinkish-grey spotted lines, an antemedian strongly curved line, a median line with a sharp angle in the cell, a strongly curved almost double postmedian line; a subterminal line of irregular isolated spots. Secondaries pale pinkish.

Expanse, ♂ 20, ♀ 26 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November (*Ansorge*).

Type in my collection.

Asura xantha, sp. n.

♂. Head, thorax, and abdomen pale yellow. Primaries yellow, with an irregular curved pinkish-grey basal line; a deeply dentate median line, followed by an oblique curved crenulate line, a subterminal dot on veins 4 and 6; termen and fringe yellow. Secondaries very pale yellowish, somewhat transparent.

Expanse 18 mm.

Hab. N'Dalla Tando (N. Angola), 2700 feet; November (*Ansorge*).

Type in my collection.

Mitochrista hieroglyphica, sp. n.

♂. Head, thorax, and abdomen yellow. Primaries pale

yellowish tinged with pink in parts, with basal and median lines broad, adversely oblique, joined together in the cell by a broadish dash; postmedian line broad, very strongly elbowed outwards in the subapical area, receding rapidly to vein 2, then erect to the inner margin; three subterminal small spots about veins 3, 5, and 9 (one on each), all the marks are pinkish grey. Secondaries subhyaline pinkish yellow.

Expanse 21 mm.

Hab. N'Dalla Tando.

Type in my collection.

ARCTIANÆ.

Acantharctia aureacosta, sp. n.

♂. Palpi, head, and face yellow; collar and thorax dead white; abdomen yellow, with black dorsal bars; legs yellow. Both wings dead white. Primaries with costa yellow and fringes paler yellow. Secondaries with white fringes.

Expanse 34 mm.

Hab. Gunnal, W. Africa; June.

Type in my collection.

Between *A. flavicosta*, Hmps., and *nivea*, Aur.

Noctuidæ.

NOCTUINÆ.

Tathorhyncus leucobasis, sp. n.

♂. Head and thorax greyish brown; abdomen greyish. Both wings brownish grey; costa with a sparse scattering of paler grey very fine scales, orbicular and reniform stigmata scarcely darker than the ground; fringes greyish white. Secondaries with the cell cream-colour and whitish-grey fringes.

♀. Primaries paler grey, with yet paler scales on the costa and internervular terminal spaces; a dark dash in the cell; cell closed by a dark double spot; a waved line of dark scales on the fold. Secondaries deep cream at the base, with apex and termen broadly dark grey.

Expanse 32 mm.

Hab. Nairobi, Molo Railway Station; July (*Jackson*).

Type in my collection.

Rhanidophora flava, sp. n.

♂. Head and thorax orange-yellow; abdomen rather paler yellow, ventral surface brown. Primaries deep cream-colour, the basal two-thirds to vein 1 *a* covered with orange-coloured scales; an oval whitish spot encircled with black near the

base of the cell; a similar smaller round spot at the upper angle of the cell and a pear-shaped similar spot at the lower angle; a postmedian row of orange dashes filling in the internervular spaces, and continued by a second confluent rather paler row of dashes almost up to the termen; termen pale cream; fringes orange-colour. Secondaries pale chrome-yellow, the basal two-thirds with dark grey irrorations.

Expanse 50 millim.

Hab. Mount Elgon; July. Uganda Protectorate.

Type in my collection.

Capnodes albicosta, sp. n.

♀. Head and thorax dull cinnamon-brown; collar white; abdomen darker brown. Both wings dull cinnamon-brown, with slightly darker lines. Primaries with nearly the whole length of costa narrowly white, but very prominent; the whole area has the appearance of being very finely irrorated with minute pale scales, in which the antemedian, median, and postmedian irregular and fine lines stand out clear brown, with also a trace of a subterminal line. Secondaries similar to the primaries but paler, and the lines only discernible obscurely.

Expanse 46 mm.

Hab. Lagos.

Type in the Hope Museum.

I put this with some doubt in this genus, though the palpi and shape of wings do not altogether agree.

Homodes hæmorrhanta, sp. n.

♂. Head and thorax reddish; abdomen ochreous, tinged with reddish. Both wings red, with grey lines. Primaries with a distinct but indefinite median line slightly excurved; postmedian line fine, boldly waved; subterminal line irregular, indented, and with small spots in it; termen with dark internervular points; costa narrowly grey. Secondaries with line similar to the primaries, but finer and much less definite.

Expanse 36 mm.

Hab. Lagos.

Type in the Hope Museum.

DELTOIDINÆ.

Eucapnodes megalosara, sp. n.

♂. Head and thorax umber-brown, abdomen greyer. Both wings umber-brown, with dark greyish markings. Primaries with antemedian line projected outwards in the cell; a black-

ringed white point in the cell over the lower part of the line; postmedian line sharply crenulate, receding on the fold; termen with fine black internervular points; a white point beyond the cell in the crenulate line, three white costal points beyond that line, and below these a dark indefinite cloudy patch. Secondaries with a dark dot in the cell; a median crenulate line; termen with dark internervular points.

Expanse 50 mm.

Hab. Lagos.

Type in the Hope Museum.

Catada rex, sp. n.

♀. Head blackish; collar, thorax, and abdomen orange, the latter fading into grey beyond the middle. Primaries with the costa finely black and the posterior half of the wing also blackish, the basal half being orange. Secondaries with the basal two-thirds orange, the posterior third blackish.

Expanse 32 mm.

Hab. Oni (Lagos).

Type in the Hope Museum.

This species is close to *C. ducalis*, Schaus, but the yellow areas are not the same.

Lymantriadæ.

PSEUDARCTIA, gen. nov.

Palpi hairy, small; antennæ shortly pectinate in female. Neuration: primaries with vein 2 from near the middle of the cell, 4 from the angle, 3 and 5 from close to the angle, 6 from the upper angle; 7, 8, 9, and 10 stalked, 10 at a quarter from the cell, 7 from beyond the middle; 11 free from the cell. Secondaries with 4 from the angle, 3 and 5 from close to the angle, 6 and 7 from the upper angle, 8 bent down to the cell and touching very shortly.

Type, *Pseudarctia nivea*, B-B.

Pseudarctia nivea, sp. n.

♀. Head, thorax, and abdomen white; antennæ blackish; legs white, femora red laterally, tibiæ and tarsi brown laterally. Both wings pure white, without any mark at all.

Expanse 52 mm.

Hab. N'tebi (Uganda).

Type in my collection.

Leucoma albifrons, sp. n.

♂. Head, thorax, and abdomen pearly white; antennæ

yellowish, with white shafts. Both wings pearly white. Primaries more lustrous than the secondaries, the only mark being a short fine black dash closing the cell.

Expanse 22 mm.

Hab. Oni (Lagos); April.

Type in the Hope Museum.

Next *L. aurifrons*, Mösch.

Leucoma albissima, sp. n.

♂ ♀. Head, antennæ, thorax, abdomen, and legs pure white; frons and palpi yellow. Both wings pure white. Primaries with a black dot at the end of the cell.

Expanse, ♂ 24, ♀ 38 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Euproctis onii, sp. n.

♀. Head and thorax deep cream; abdomen whitish grey, anal tuft golden brown. Primaries deep cream, with a few scattered dark grey scales below the cell and a very broad band of dark scales occupying all the postmedian and subterminal areas; fringes alternate deep cream and darkish grey. Secondaries uniform creamy white.

Expanse 36 mm.

Hab. Oni (Lagos); May.

Type in the Hope Museum.

Euproctis quadrifascia, sp. n.

♀. Head, thorax, and abdomen chrome-yellow. Primaries chrome-yellow, with four dark bands composed of superimposed dark brown scales; basal band broadish, not extending upwards into the cell; median band broad-angled at lower margin of the cell, but not extending beyond the upper margin; postmedian band broad, waved, interrupted by the veins; subterminal fascia irregular, much narrower, composed of interneural spots, some small and scallop-shaped. Secondaries paler and somewhat lustrous.

Expanse 36 mm.

Hab. Lagos District; November.

Type in the Hope Museum, Oxford.

Euproctis nigrosquamosa, sp. n.

♂. Head, thorax, and abdomen cream-colour. Primaries straw-colour, with a large transverse basal patch of deep straw-colour; median area broadly blackish, the area being

sparingly irrorated with dark scales; terminal area broadly deep straw-colour. Secondaries palest straw-colour.

Expanse 24 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Euproctis convergens, sp. n.

♂. Head and thorax yellowish; abdomen darker. Primaries lemon-yellow, with the antemedian area and the postmedian area broadly and obliquely covered with dark brown and blackish scales, which converge towards each other and meet in the fold. Secondaries palest lemon-yellow.

Expanse 22 mm.

Hab. Gunnal, West Africa.

Type in my collection.

The female of this species is in the National Collection from Coomassie (*Whiteside*), and agrees with my specimen except that the secondaries are white.

Euproctis citrona, sp. n.

♂. Head and thorax white, with a tinge of very pale lemon-yellow; abdomen white. Primaries the palest straw-yellow, without any markings. Secondaries as the primaries, but whiter.

Expanse 22 mm.

Hab. N'Dalla Tando; January (*Ansorge*).

Type in my collection.

Euproctis n'dalla, sp. n.

♂. Thorax and abdomen creamy white. Both wings white. Primaries with the median area having a few fine black scales, the area being waved in the outline of both margins; a black subapical spot (sometimes absent), with another black spot on the termen just below it, just below vein 5.

Expanse 26 mm.

Hab. N'Dalla Tando, 2700 feet; December (*Ansorge*).

Type in my collection.

Euproctis isis, sp. n.

♀. Head and thorax yellowish; abdomen duller yellow. Primaries clear lemon-yellow, with an obscure trace of a waved paler postmedian line, on the outside edge of which is a short dash on the fold reaching to vein 2 of blackish scales, with a trace of a few basal black scales. Secondaries palest lemon-yellow.

Expanse 36 mm.

Hab. N'Dalla Tando, 2700 feet ; November (*Ansorge*).

Type in my collection.

Euproctis nigrolunulata, sp. n.

♂. Head and thorax pale lemon-yellow ; abdomen dirty yellow. Primaries very pale lemon-yellow, with an obscure paler curved median line, a similar waved postmedian line, and a trace of a similar subterminal line ; a blood-red spot closes the cell ; a fine black lunule in the tornus between veins 1*b* and 2. Secondaries very palest lemon-yellow.

Female precisely like the male.

Expanse, ♂ 26, ♀ 38 mm.

Hab. Gunnal, West Africa.

Type in my collection.

Euproctis fasciata, var. *angolæ*, nov.

♂. Primaries with the median area filled in with crimson and bordered on each side with a line of black scales, no other marks being present.

Hab. N'Dalla Tando, 2700 feet ; December (*Ansorge*).

Type in my collection.

There is a fair series of this form, which appears to be quite constant.

PARAPROCTIS, gen. nov.

Primaries broad ; costa slightly arched, apex rounded but prominent ; termen gradually rounded off into the inner margin, leaving the tornus rounded, not angled. Secondaries smallish. Neuration : primaries with vein 3 from before the angle, 4 from the angle, 5 from above the angle ; 6, 7, and 8 stalked, 6 from just beyond the cell, 7 and 8 a third from the apex ; 9 and 10 absent ; 11 highly arched, close to 12. Cell long. Secondaries with vein 3 from just below the angle, 4 from the angle, 5 from above the angle, 6 and 7 stalked very near the apex, 8 anastomosing with 7 to near the end of the cell.

Type, *Paraproctis osiris*, B-B.

Paraproctis osiris, sp. n.

♀. Head, thorax, and abdomen dirty yellowish. Primaries deep cream, with the wing almost covered with fine fawn-coloured scales, the ground-colour showing through in obscure paler lines ; a curved basal line ; median line lunulate, post-median line obscure, waved ; a patch of darker fawn scales at the end of the cell, an obscure small similar patch near the tornus. Secondaries cream-colour.

Expanse 29 mm.

Hab. Lokoja District (100 miles north).

Type in my collection.

EUPROCTOIDES, gen. nov.

Palpi porrect, thickly scaled to tip, end-segment short; antennæ of male deeply pectinate with cilia; hind legs with two pairs of long tibial spurs. Neuration: primaries with 3 from below, 4 from the angle, 5 from just above the angle, 6 from below the upper angle, 7 from the end of the areole, 10 anastomosing with 8 to form the areole, but the fork given off beyond the areole; 9 given off from 8 at two-thirds from the areole, 8 depressed strongly, reaching the termen below the apex. Secondaries with 3 and 4 from the angle, 5 from a little above the angle, 6 and 7 stalked near the cell, 8 depressed towards the cell at a fifth from the base, contact very short, then quite free.

Type, *Euproctoides miniata*, B-B.

Euproctoides miniata, sp. n.

Palpi ochraceous, with a dark patch above; head and thorax dull red lead-colour; abdomen pale yellowish brown. Primaries orange-red lead-colour, with broad dark grey spotted lines or bands; a trace of a basal line; antemedian line angled outwards in the cell; some dark grey scales at the end of the cell; postmedian line intercepted by each vein, curved outwards about vein 7; a subterminal row of internervular dark grey spots; fringes red. Secondaries pale reddish orange.

Expanse 34 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Lacipa subpunctata, sp. n.

♂. Both wings white. Primaries with the median line very broad, yellowish, deeply and acutely angled nearly up to the end of the cell; postmedian line yellowish, very broad and oblique; a black dot below the cell near the base, three black dots beyond the end of the cell; termen finely dotted with black.

Expanse 24 mm.

Hab. N'Dalla Tando, 2700 feet; December (*Ansorge*).

Type in my collection.

PARAXENA, gen. nov.

Palpi fine, end segment curved downwards (sickle-shaped).

Antennæ pectinate, with cilia and fine hairs. Legs, mid and hind with one pair of tibial spurs. Neuration: primaries with vein 3 from before the angle, 4 from the angle, 5 from above the angle, 6 from the upper angle, 7 from the end of the areole, 8 into the apex, 9 excessively short (or obsolete), 10 long from the areole, 11 from the cell; veins 10, 11, and 12 lie almost touching each other. Secondaries with 3 and 4 and 6 and 7 on long stalks from the lower and upper angle respectively, 5 from above the angle, 8 practically free from the base.

Type, *Paraxena esquamata*, B-B.

Paraxena esquamata, sp. n.

♀. Head and thorax dirty white; abdomen pale grey, with anal tuft golden brown. Both wings white, very thinly scaled. Primaries with base sparsely irrorated with fine black scales. Postmedian line composed of two lines of fine black scales slightly waved and oblique.

Expanse 31 mm.

Hab. N'Dalla Tando; January (*Ansorge*). Also Entebbe, Uganda.

Type in my collection.

Paraxena angola, sp. n.

♂. Head and thorax creamy; abdomen whitish. Primaries yellowish cream-colour, with a trace of a double antemedian line angled in the cell; postmedian double line broad, strongly angled beyond the cell; fringes brownish, intersected at the veins; the lines are composed of fine pale brown scales. Secondaries much paler than primaries.

Expanse 24 mm.

Hab. Malange, W. Africa.

Type in my collection.

Orygia albacostata, sp. n.

♂. Head, thorax, and abdomen brownish. Primaries pale brownish, with a patch of darker basal scales; the costa up to the postmedian line and most of the cell greyish white; postmedian dark line fine, double, and angled inwards on the fold; a broad whitish oblique dash from the apex to about vein 5; an obscure subterminal line of fine internervular dashes. Secondaries very pale brownish grey.

Expanse 28 mm.

Hab. Malange, W. Africa.

Type in my collection.

Aroa callima, sp. n.

♀. Head, thorax, and abdomen whitish. Primaries whiter, tinged in parts with pale chestnut cream-colour, especially beyond the cell; a basal costal mark, beyond which is a second larger chestnut-grey patch; a small costal spot near the middle, followed by a darker one a third in front of the apex; a trace of a fine, extremely irregular, white subterminal line projected outwards between veins 3 and 4; above this projection the termen has three snow-white spots, the central being the largest one; apex with a small black spot, behind which is a pure white obscure spot. Secondaries white, tinged with deep cream between veins 2 and 6.

Expanse 36 mm.

Hab. Idakun (Lagos); May.

Type in the Hope Museum.

Aroa perfida, sp. n.

♂. Head and thorax brownish, abdomen grey. Primaries pale brownish, with a darker median area and a darker patch on the termen just above the tornus. Secondaries almost white, with grey fringes.

Expanse 26 mm.

Hab. Gunnal, W. Africa.

Type in my collection.

Aroa catori, sp. n.

♂. Head, thorax, and abdomen brown, the latter with a dark brown, short, dorsal proximal tuft. Primaries darkish brown, with a subbasal dark patch specially marked in the cell and another dark patch at the end of the cell intersected by paler lines; postmedian line finely and sharply crenulate waved, in a broad band of whitish; a small dark patch on the costa and also in the fold adjoining this band; a subterminal row of dark internervular spots, with a short inner row preceding it in the radial area. Secondaries brownish grey.

Expanse 26 mm.

Hab. Lokoja District (100 miles N.).

Type in my collection.

Aroa obliqua, sp. n.

♂. Head and thorax brown; abdomen brownish grey. Primaries dark brown, with an oblique pale fawn-coloured stripe from just before the apex to the middle of the inner margin, increasing in width to the margin; on the outer edge

of this stripe is a dark crenulate fine line; a subterminal row of pale fawn internervular dashes. Secondaries brownish grey.

Expanse 31 mm.

Hab. Lokoja District.

Type in my collection.

Aroa umbrata, sp. n.

♂. Head and thorax brown; abdomen dark grey. Primaries dark umber-brown of a mottled appearance, with a broad band of paler clearer brown in the median area, which is strongly angled outwards beyond the cell, at the outer edge of which is a fine dark crenulate line angled in like manner. Secondaries dark sooty grey. The primaries have a very rough texture, giving the wing a rough and mottled appearance.

Expanse 30 mm.

Hab. N'Dalla Tando, 2700 feet; November.

Type in my collection.

Aroa pinodes, sp. n.

♂. Head, thorax, and abdomen brownish. Primaries dirty brown, basal and median areas darkish brown; a post-median, costal, dirty tawny brown patch, in which is a fine dark toothed line more or less continued down to about vein 4; a similar-coloured apical patch; a preterminal dotted line; termen itself very finely linear and ochreous. Fringes dark brown. Secondaries uniformly neutral grey.

Expanse 25 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Lælia infracta, sp. n.

♂. Head, thorax, and abdomen grey. Primaries pale grey, with a narrow dusky curved stripe lengthwise through the cell and between veins 5 and 6 to the subterminal row of black dots, which row is curved and inclined inwards away from the tornus; the whole wing is very finely but sparsely irrorated with slightly darker ash-coloured scales. Secondaries greyish white.

Expanse 25 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Near *L. fracta*, Schaus.

Laelia flava, sp. n.

♀. Head, thorax, and abdomen yellow, both pale chrome-yellow. Primaries rougher in texture than secondaries, owing to the irroration of very fine yellow scales on a paler ground, with no other markings at all. Secondaries somewhat paler than the primaries.

Expanse 62 mm.

Hab. Oni (Lagos) ; March.

Type in the Hope Museum, Oxford.

Next *L. discolepia*, Hmps. n.

Dasychira strigidentata, sp. n.

♀. Head and thorax pale tawny brown ; abdomen pale ochreous brown. Primaries pale greyish brown, with an antemedian, small, oval, twin red spot in the cell, touching which is a pale double line deeply angulated externally, the interspace between the lines being filled in with brownish ; a large quadrate variegated tawny patch at the end of the cell, palely edged ; the postmedian line double, deeply angulated externally about vein 6, with a sharp internal dentation below vein 2 ; interspace between the double line broadish, brown ; a wedge-shaped tawny patch between veins 3 and 6, in which is an oval bright orange terminal spot between veins 5 and 6 ; two obscure, narrow, ovate subapical spots. Secondaries yellow, with an obscure brownish spot closing the cell and a broad, obscure, brownish terminal border.

Expanse 44 mm.

Hab. Oni (Lagos) ; March.

Type in the Hope Museum, Oxford.

Near *D. brunneicosta*, Holl.

Dasychira ruficosta, sp. n.

♂. Head and thorax dark grey ; abdomen whitish, with a dark proximal tuft. Primaries with the costal half (including the cell) pale chestnut-brown, the lower part grey ; an antemedian oblique pale line, edged laterally with dark brown ; a postmedian, fine, oblique, crenulate dark line, beyond which between veins 1a and 2 is a pale chestnut-brown lunulate patch ; a subterminal line of dark internervular dashes, bordered externally with whitish ; none of the lines extend into the pale chestnut costal half. Secondaries pure creamy white.

Expanse 34 mm.

Hab. N'Dalla Tando (N. Angola), 2700 feet ; November.

Type in my collection.

Near *D. basalis*.

Dasychira obsoletissima, sp. n.

Head and thorax sooty brown; abdomen paler brown. Primaries dark sooty brown, with only a single obscure, oblique, dark grey spotted line in the postmedian area. Secondaries darkish grey.

Expanse 29 mm.

Hab. N'Dalla Tando (N. Angola), 2700 feet; October.

Type in my collection.

Near *D. cæruleifascia*, Holl.

Dasychira inconspicua, sp. n.

♂. Head, thorax, and abdomen brown. Primaries brown, with a slight greyish tinge; the obscure dentate subterminal line, receding somewhat as it approaches the tornus, is the only mark. Secondaries uniform dirty brown.

Expanse 35 mm.

Hab. Gunnal, W. Africa.

Type in my collection.

Dasychira perditia, sp. n.

♂. Head, thorax, and abdomen pale brown. Primaries uniform dirty brown, of a rough texture, and without any marks at all, but with the veins showing darkly through in the radial area. Secondaries pale brown, with the veins showing darkly through.

Expanse 34 mm.

Hab. Gunnal, W. Africa.

Type in my collection.

Dasychira exoleta, sp. n.

♂. Head, thorax, and abdomen mauve-brown. Primaries chocolate-brown, with a deep blackish-brown stripe along the centre of the fold ending a little in front of the termen; this stripe is interrupted by the pale antemedian line and again by a grey mark in the median area; across the median area is a large, greyish, very irregular patch occupying the posterior part of the cell, below which it is suddenly constricted and equally suddenly expands to the inner margin; the postmedian line is represented by a dark double line from the costa to vein 5; a trace of a deep velvety subterminal line is visible which is exceedingly irregular and interrupted and deeply dentate, from which extend two or three fine dashes into the termen. Secondaries uniform greyish brown.

Expanse 40 mm.

Hab. Malange, W. Africa.

Type in my collection.

Allied to *D. gonophora*, Holl.

Dasychira ladburyi, sp. n.

♀. Head ochreous grey; thorax and abdomen greyish; collar greenish. Primaries green, with a dark basal spot below the costa; antemedian line dark, irregular, as to its upper portion dentate and fine, but below the cell broadish and oblique, with a blackish patch in the fold; an obscure spot darkly edged closes the cell, beyond this the obscure postmedian grey line is crenulate and waved; subterminal line excessively irregular, broad and dark, deeply angled several times; a preterminal line of blackish internervular lunules; fringes dark grey, intersected at the veins with paler grey. Secondaries clear ochreous grey.

Expanse 54 mm.

Hab. Bugoma Forest (Uganda Protectorate); July.

Type in my collection.

Allied to *D. gnava*, Swinh.

Dasychira styx, sp. n.

♂. Head and thorax deep velvety brownish black; abdomen somewhat less dark. Primaries deep blackish brown, with lines deep velvety black; basal line distinct, irregular, waved, and dentate; median line scalloped and curved outwards; postmedian line very irregular and deeply waved, followed by another line, somewhat crenulate and waved, but not parallel with the postmedian line; a subterminal row of dots recessed on the fold into the outer postmedian line; termen with dark internervular dashes; the end of the cell is closed by two fine dark lines, the outer one forming part of the postmedian line proper. Secondaries grey, becoming dark brown beyond the cell.

♀. Like the male, but with fawn-coloured edging to some of the lines and spots.

Expanse, ♂ 34, ♀ 40 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Types in my collection.

Allied to *D. fusca*, Wlk.

DASYCHIRANA, gen. nov.

Palpi porrect, thickly haired and fringed with longer hairs, end segment of moderate length; antennæ deeply pectinate, pectinations with long cilia. Legs: mid tibiæ with one pair, hind tibiæ with two pairs of long spines; fore leg with a thick tuft of hairs. Wings: primaries of moderate width; costa slightly and evenly arched; termen fairly erect, evenly rounded: secondaries fairly ample. Neuration: primaries with 3 from below the angle, 4 from the angle, 5 from above the angle, 6 from the upper angle; 7, 8, 9, and 10 stalked,

8 anastomosing with 7 close to the cell to form a very small areole; 8, 9, and 10 branches given off nearer the apex than the cell. Secondaries with 3 and 4 from the angle, 5 from above the angle, 6 and 7 from the upper angle, 8 joined by a minute bar to 7 near the middle of the cell.

Type *Dasychirana obliqualea*, B-B.

Dasychirana obliqualea, sp. n.

♂. Head, thorax, and abdomen brown. Primaries brown, with an obscure basal dark line angled in the cell to the costa but erect below the angle; an oblique dark, straight, postmedian line; except for these two lines the wing is practically patternless. Secondaries uniformly brown.

Expanse 38 mm.

Hab. Malange, West Africa.

Type in my collection.

Dasychirana unilineata, sp. n.

♂. Head, thorax, and abdomen brown. Primaries brown, with an indefinite darkening of the ground-colour in and around the cell; postmedian line pale, waved outwards at its middle and placed somewhat near the termen; the darkening of the ground-colour extends rather beyond this line. Secondaries glossy brown.

Expanse 34 mm.

Hab. Lokoja District (100 miles north).

Type in my collection.

Dasychirana crenulata, sp. n.

♂. Head, thorax, and abdomen greyish brown. Primaries pale brown, with a dark, curved, interrupted, crenulate basal line; a dark, outwardly oblique, crenulate median line palely edged externally; postmedian line dark, palely edged, inwardly waved, crenulate, and inwardly oblique; a trace of a subterminal spotted line; termen with a row of cream-coloured dots edged inwardly with dark brown; fringes pale grey, interrupted with brown. Secondaries pale brownish grey, with an obscure oblique median line.

Expanse 34 mm.

Hab. Lokoja District (100 miles north).

Type in my collection.

LYMANTRIADES, gen. nov.

Palpi depressed, small; antennæ bipectinate, with cilia, branches long in male, a tuft of depressed hairs given off below the antennæ; mid tibiæ with one pair of spurs, hind tibiæ with two pairs; costa straight, depressed at apex,

termen slightly arched, wings expanding rapidly. Neuration: primaries with vein 2 given off a quarter from the lower angle, 3, 4, and 5 from close to the angle, 6 from the upper angle, 7, 8, 9, and 10 stalked, 7 from nearest the cell, 11 from near end of cell. Secondaries with 3 and 4 stalked, 5 from below the middle, 6 and 7 stalked.

Type, *Lymantriades obliquilinea*, B-B.

Lymantriades obliquilinea, sp. n.

♂. Head and thorax dark brownish grey, palpi and antennal tufts bright orange-yellow; abdomen alternately banded yellow and black. Primaries brownish grey with a dark median line palely edged internally, postmedian line very oblique, the area in front of it being paler than rest of wing, a broad dark indefinite area behind it, a subterminal scalloped dark line palely edged internally. Secondaries pale brownish, lightest at the base.

Expanse 28 mm.

Hab. Gunnal, West Africa.

Type in my collection.

PARAPIRGA, gen. nov.

♂. Palpi minute, hairy; face hairy, antennæ of both sexes deeply pectinate, more deeply in male. Neuration with 3 from well before the lower angle, 4 and 5 from the lower angle, 6 from below the upper angle, 7 from 8 and connected by a bar in the middle with 6 and constricted at that point, 8 and 9 forked near the apex, 10 and 11 from the cell, 10 connected with 8 by a short bar beyond 7 and so forming a long areole. Secondaries with 3 from well before the angle, 4 from the angle, 5 from below the middle of the cell, 6 and 7 stalked, 8 free from the base, but connected with the cell by a short bar.

Type, *Parapirga neurabrunnea*, B-B.

Parapirga neurabrunnea, sp. n.

♂. Head and face brownish, thorax grey; abdomen pale grey. Both wings subdiaphanous, but scaled all over with white semitransparent scales. Primaries with all the veins covered with fine brown scales, which also are spread somewhat along the termen. Secondaries with the veins brown only quite close to the termen.

♀. Like the males, but veins less densely brown.

Expanse, ♂ 46, ♀ 59 mm.

Hab. N'Dalla Tando, 2700 feet; November.

Type in my collection.

[To be continued.]