X.—*The Moths of South Africa* (Part III.).—By Sir G. F. Hampson, Bart., B.A., F.Z.S., &c.

The present instalment of the classification of the Moths of South Africa deals with the families *Pterothysanidæ*, *Lymantriadæ*, and *Hypsidæ*, and concludes the Noctuid group of families having vein 5 of the forewing more or less approximated to vein 4. It also includes a supplementary list of species from South Africa belonging to the families dealt with in the first two papers of the series, which were published in the Annals of the South African Museum, Vol. II., pp. 33–66, and pp. 255–446.

An (*) indicates that the species is not in the British Museum.

Family PTEROTHYSANIDÆ.

Genus PTEROCEROTA, nov.

Proboscis absent; palpi very short not reaching as far as frons; antennæ of male with very long waved branches to extremity; mid and hind tibiæ with terminal pairs of spurs. Forewing with the apex rounded; the cell short, rounded at extremity the upper discocellular being oblique; vein 3 from well before angle of cell; 5 from above angle; 6 from well below upper angle; 7, 8, 9, 11 stalked, 10 absent, 11 very short and becoming coincident with 12. Hindwing with the frenulum absent; the cell short, rounded at extremity, the upper discocellular being oblique; vein 3 from well before angle of cell; 5 from well above angle; 6, 7 stalked; 8 connected with the cell by an oblique bar near base.

Allied to *Hibrildes*, Druce.

Pterocerota virginea, n. sp.

♂. Pure white; frons pale yellow; antennæ brown; fore coxæ yellowish, the tarsi brown. Wings semidiaphanous with indistinct hyaline line just beyond middle highly excurved beyond cell of both wings and two curved subterminal lines.

Hab. **Natal** (Marshall). *Exp.* 62 mill. Type in B.M.

Family LYMANTRIADÆ.

Key to the Genera.

A. Forewing with vein 9 from 10 anastomosing with 8 to form the areole.
- *a.* Hind tibiæ with one pair of spurs.
  - a^1. Hindwing with vein 5 from below angle of discocellulars; 6, 7 from angle of cell.
    - a^2. Forewing with the areole very long, veins 8, 9 from its extremity .. .. *Ogoa.*
    - b^2. Forewing with the areole shorter, veins 8, 9 stalked from it.
      - a^3. Hindwing with the cell closed .. .. *Olapa.*
      - b^3. Hindwing with the cell open, a veinlet in cell .. *Bracharoa.*
  - b^1. Hindwing with vein 5 from angle of discocellulars, 7 from before upper angle .. .. *Cimola.*
- *b.* Hind tibiæ with two pairs of spurs.
  - a^1. Frons clothed with long woolly hair.. .. .. *Creaga.*
  - b^1. Frons not clothed with long woolly hair.
    - a^2. Forewing with the areole long and narrow .. .. *Redoa.*
    - b^2. Forewing with the areole short and broad.
      - a^3. Forewing short and broad .. .. *Baziza.*
      - b^3. Forewing longer.
        - a^4. Forewing rather narrow, the termen obliquely curved.
          - a^5. Forewing with the costa highly arched and the apex produced .. .. *Psalis.*
          - b^5. Forewing with the costa slightly arched, the apex not produced .. .. *Lælia.*
        - b^4. Forewing broader, the termen more erect .. *Dasychira.*

B. Forewing with vein 10 from cell, or from 11, then anastomosing with 8, 9 to form the areole .. .. *Lacipa.*

C. Forewing with veins 7, 8, 9, 10 stalked or 7 from cell, or 9 absent.
- *a.* Hind tibiæ with one pair of spurs.
  - a^1. Hindwing with vein 3 absent .. .. *Micraroa.*
  - b^1. Hindwing with vein 3 present .. .. *Aclonophlebia.*
- *b.* Hind tibiæ with two pairs of spurs.
  - a^1. Hindwing with veins 3, 4 stalked or from a point, 5 separate.
    - a^2. Forewing with the apex produced, the termen obliquely curved .. .. *Euproctis.*
    - b^2. Forewing short and broad, the termen more erect.
      - a^3. Forewing with vein 10 from 8, 9, beyond 7.
        - a^4. Abdomen without dorsal crests .. .. .. *Aroa.*
        - b^4. Abdomen with dorsal crests .. .. *Homochira.*
      - b^3. Forewing with vein 10 from 8, 9 before 7 .. .. *Lymantria.*
  - b^1. Hindwing with veins 4, 5 from a point, 3 separate .. *Cymaroa.*

D. Forewing with veins 7, 8, 9 stalked, 10 from cell.
  a. Fore and mid femora and tibiæ tufted with long thick hair; antennæ with large tuft from basal joint .. .. *Naroma.*
  b. Fore and mid femora and tibiæ slightly fringed with hair; antennæ with slight tuft from basal joint .. .. *Pteredoa.*

Genus OGOA.

	Type.
Ogoa, Wlk. vii. 1763 (1856)	*simplex*

Ogoa simplex, Wlk. vii. 1764 (1856).

Hab. **British East Africa,** Kikuyu, Taru; **Natal,** Durban (Gueinzius, Millar). *Exp.* 58–76 mill.

Genus OLAPA.

	Type.
Olapa, Wlk. iv. 823 (1855)	*flabellaria.*
Antiphella, Wlk. vii. 1743 (1856)...	*flabellaria.*

A. Forewing with the veins dark.
  a. Forewing yellowish white .. .. *nuda.*
  b. Forewing fulvous yellow .. .. *furva.*
B. Forewing with the veins concolorous.
  a. Forewing with the costal edge concolorous .. .. *flabellaria.*
  b. Forewing with the costal edge black .. .. *nigricosta.*

(1) Olapa nuda, Holl. Don. Smith's Travels, p. 409, pl. f. 5 (1897).

Hab. **Somaliland**; **Central Africa,** Monbuttu; **Mashonaland,** Salisbury (Marshall, Dobbie); **Gazaland,** Melsetter (Marshall), Mt. Chirinda (Marshall); **Natal,** Gadzima (Marshall); **Cape Colony,** Ovampo Lake. *Exp.* 46–56 mill.

(2) Olapa furva, n. sp.

Fulvous yellow; antennæ black; tibiæ and tarsi suffused with black; wings semihyaline fulvous yellow, the veins dark; a fine dark terminal line.

Hab. **Mashonaland,** Mazoe District (Marshall, Dobbie); **Natal,** Gadzima (Marshall). *Exp.* 48–56 mill.

(3) Olapa flabellaria, Fabr. Mant. Ins. ii. p. 188 (1787).

Liparis crocicollis, Herr.-Schäff. Aussereur. Schmett, f. 110 (1854).

Olapa temperata, Wlk. iv. 823 (1855).

Antiphella vecontia, Druce, A.M.N.H. (7) iii. p. 469 (1899).

Hab. **Nigeria,** Borgu, Gelwa Lake; **Abyssinia,** Atbara; **Natal,**

Karkloof (Marshall), Durban (Gueinzuis, Leigh); **Cape Colony**, (Dr. Smith, Townsend), Grahamstown, Knysna (Trimen). *Exp.* 40–66 mill.

(4) Olapa nigricosta, n. sp.

♂. Head yellow; antennæ brownish; palpi black at extreme tips; thorax white; fore and mid tibiæ and tarsi streaked with black above; abdomen white; wings semihyaline white; forewing with the costal edge black, the costal area and veins more thickly scaled.

Hab. **Cape Colony**. *Exp.* 38 mill. Type in B.M.

Genus BRACHAROA, nov.

Type *B. quadripunctata.*

Proboscis absent; palpi minute, hairy; antennæ of male with very long branches; hind tibiæ with the medial spurs absent. Forewing short and broad, the termen curved; vein 3 from close to angle of cell; 4, 5 stalked; 6 from below upper angle; 9 from 10 anastomising with 8 to form a very short areole; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 from above angle; a recurrent vein in cell running back to base and the upper part of cell open; 6, 7 stalked.

A. Forewing ochreous or brownish ochreous .. .. *quadripunctata.*
B. Forewing reddish brown .. .. *dregei.*

(1) Bracharoa quadripunctata, Wllgrn. Œfv. Vet. Ak. Förh. 1875, p. 99.

Aroa bistigmigera, Butl. P.Z.S., 1896, p. 847, pl. xlii. f. 7.

Hab. **British East Africa**, Neugia, Machakos, Port Ugowe; **British Central Africa**, Kondowi; **Gazaland**, Mt. Chirinda (Marshall); **Transvaal**, Johannesburg (Rose); **Zululand**, Lower Tugela (Reynolds); **Natal**, Estcourt (Hutchinson), Durban (Delvin); **Basutoland**, Maseru (Crawshay). *Exp.* 22–26 mill.

(2) Bracharoa dregei, Herr Schäff. Aussereur. Schmett. f. 114 (1854).

Hab. **Cape Colony**, Capetown (Sir A. Smith, Matthew). *Exp.* 24 mill.

Genus CIMOLA.

	Type.
Cimola, Wlk. iv. 817 (1855)	*opalina.*

Cimola opalina, Wlk. iv. 817 (1855).

Anomœotes thymiathis, Druce, Ent. Mo. Mag. xx. p. 156 (1883).

Hab. **Delagoa Bay** (Mrs. Monteiro); **Natal**, Karkloof (Marshall), Durban (Plant, Leigh). *Exp.* 34 mill.

Genus CREAGA.

Type.

Creaga, Wllgrn. K. Vet. Akad. Handl. (2) v. (4), p. 38 (1865)... ... ... *dealbata.*

Creaga dealbata, Herr.-Schäff. Aussereur. Schmett. f. 111 (1854).

Lælia aliena, Wllgrn. Wien. Ent. Mon. iv. p. 162 (1860).

Hab. **Mashonaland**, Salisbury (Marshall); **Natal**, Malvern (Marshall), Durban (Bowker, Heale, Plant, Whyte); **Cape Colony**, Knysna (Trimen), Capetown. *Exp.* 40–54 mill.

Genus REDOA.

Type.

Redoa, Wlk. iv. 826 (1855) ... ... *submarginata.*

Redoa melanocraspis, n. sp.

Head, thorax, and abdomen pure white; antennæ with the branches tinged with fuscous; fore tibiæ streaked with fuscous above; wings semihyaline white, forewing with the base of costal edge more or less black.

Hab. **Gazaland**, Chirinda Forest (Marshall); **Transvaal**, Endlatogana (Mrs. W. M. Mercer); **Natal**, Karkloof (Marshall), Durban (Heale, Leigh). *Exp.* 30–42 mill.

Genus BAZIZA.

Type.

Baziza, Wlk. xxxii. 398 (1865) ... ... *melaxantha.*

Baziza perculta, Dist. A.M.N.H. (6) xx. p. 201 (1897).

Hab. **Transvaal**, Pretoria (Distant). *Exp.* 26 mill.

Genus PSALIS.

Type.

Psalis, Hübn. Zütr. 2. p. 19 (1827), non descr. Moore, Lep. Ceyl. ii. p. 94 (1882) ... ... *securis.*

Psalis securis, Hübn. Zütr. 2. p. 19. ff. 291, 292 (1827).

Hab. **British East Africa**, Sabaki Valley; **Mashonaland**, Salisbury (Marshall, Dobbie); **Transvaal**, Pochefstroom District; **Natal**, Durban (Leigh); **India**; **Ceylon**; **Burma**; **Java**; **Australia**. *Exp.* ♂ 34, ♀ 50 mill.

Genus LÆLIA.

	Type.
Lælia, Steph. Syst. Cat. Brit. Ins. ii. p. 52 (1829)	*cœnosa.*
Cropera, Wlk. iv. 825 (1855)	*testacea.*
Anthora, Wlk. iv. 801 (1855)	*subrosea.*

A. Forewing without postmedial series of spots.
  a. Forewing with the veins dark.. .. .. *phlebitis.*
  b. Forewing with the veins not dark .. .. *testacea.*
B. Forewing with more or less prominent series of spots or points.
  a. Forewing with the series of spots incurved below vein 4.
    a^1. Forewing with the postmedial spots red .. .. *fulvinotata.*
    b^1. Forewing with the postmedial spots dark.
      a^2. Colour ochreous yellow .. .. *adspersa.*
      b^2. Colour pale lemon-yellow .. .. *setinoides.*
  b. Forewing with the series of spots obliquely excurved below vein 4.
    a^1. Colour orange-yellow.. .. .. *punctulata.*
    b^1. Colour pale yellow largely suffused with crimson .. .. *hæmatica.*
    c^1. Colour whitish.
      a^2. Forewing tinged with pale purplish pink .. .. .. *subrosea.*
      b^2. Forewing tinged with pale brown .. .. *diascia.*
    d^1. Colour pale reddish brown.
      a^2. Forewing without black fasciæ.. .. .. *xyleutis.*
      b^2. Forewing with black fasciæ on median nervure and above inner margin .. .. *bifascia.*
    e^1. Colour more fiery red .. .. *figlina.*

(1) Lælia phlebitis, n. sp.

♂. Head, thorax, and abdomen fulvous yellow; tibiæ and tarsi streaked with black. Forewing fulvous yellow; the costal edge fuscous at base; the veins fuscous except on costal area and towards base. Hindwing fulvous yellow.

♀ rather paler and the wings semihyaline.

Hab. **Mashonaland,** Salisbury, Umtali (Marshall). *Exp.* ♂ 30, ♀ 46 mill. Type in B.M.

(2) Lælia testacea, Wlk. iv. 826 (1855).

Hab. **British East Africa,** Machakos, Usambara, M'gana; **Natal,** Durban (Gueinzius, Gooch, Burrows); **Cape Colony,** Transkei (Miss F. Barrett). *Exp.* ♂ 34, ♀ 46 mill.

(3) Lælia fulvinotata, Butl. P.Z.S., 1893, p. 678.

Hab. **British Central Africa,** Zomba; **Mashonaland,** Salisbury, Umtali (Marshall); **Gazaland,** Mt. Chirinda (Marshall). *Exp.* ♂ 42, ♀ 54 mill.

(4) Lælia adspersa, Herr.-Schäff. Aussereur. Schmett. f. 109 (1854).
,, *prolixa*, Wllgrn. Wien. Ent. Mon. iv. p. 162 (1860).
Hab. **Nigeria**, Lokoja; **Natal**, Malvern (Marshall), Durban (Gooch, Bowker). *Exp.* 30–38 mill.

(5) Lælia setinoides, Holl. Psyche, vi. p. 431 (1893).
Hab. **West Africa**, Cameroons, Congo; **British East Africa**, Kanisa, Shambe; **Natal**, Victoria District (Gooch). *Exp.* 32–40 mill.

(6) Lælia punctulata, Butl. A.M.N.H. (4) xvi. p. 400 (1875).
Hab. **Natal**, Durban (Burrows, Leigh); **Cape Colony** (Sir A. Smith), King William's Town (Lightfoot). *Exp.* 28–36 mill.

(7) Lælia hæmatica, n. sp.

Head and thorax yellow; patagia crimson; abdomen ochreous white. Forewing yellow suffused with crimson except on costal area; a black-irrorated fascia below cell to origin of vein 2; a spot in end of cell or a fascia extending to near termen; a postmedial series of small spots, the one above vein 4 displaced inwards, then running obliquely towards the submedian fascia. Hindwing semi-hyaline white, the cilia tinged with ochreous.

Hab. **British East Africa**, Nairowa, Gwelil (Betton); **Mashonaland**, Salisbury (Marshall, Dobbie). *Exp.* 32 mill. Type in B.M.

(8) Lælia subrosea, Wlk. iv. 801 (1855).
,, *subrufa*, Snell. Tijds. v. Ent. xv. p. 39 (1872), and xxii. p. 105, pl. 8, f. 6 (1879).
,, *rosea*, Schaus, S. Leone Lep. p. 26, pl. 1, f. 3 (1893).
Hab. **Sierra Leone**; **Natal**, Durban (Leigh). *Exp.* ♂ 28, ♀ 36 mill.

(9) Lælia diascia, n. sp.

Head, thorax, and abdomen ochreous white. Forewing ochreous white rather thickly irrorated with fuscous forming indistinct streaks in the interspaces, the streak in discal fold very distinct; an oblique series of four points from median nervure near end of cell to vein 1; a postmedial series of points in the interspaces, running obliquely from below vein 7 near termen to submedian fold with a slight outward curve at middle, then bent inwards towards the medial series, a dark shade on the inner side of the series sometimes present. Hindwing white with a slight yellowish tinge.

Hab. **Abyssinia**, Atbara; **British East Africa**, Kikuyu (Crawshay,

Betton), Numisu (Lord Delamere); **Mashonaland** (Dobbie); **Natal** (Gooch); **Cape Colony**, Transkei (Miss F. Barrett). *Exp.* ♂ 30, ♀ 30–40 mill. Type in B.M.

(10) Lælia xyleutis, n. sp.

♂. Head and thorax pale red-brown; abdomen ochreous white, the ventral surface browner. Forewing pale red-brown sparsely irrorated with fuscous; a series of small black spots in the interspaces from above vein 6 to submedian fold towards which it is bent inwards, and with a slight outward curve at middle. Hindwing very pale pinkish.

♀ ochreous white, the costa of forewing tinged with ochreous.

Hab. **Delagoa Bay** (Junod); **Basutoland,** Masite (Crawshay). *Exp.* 38 mill. Type in B.M.

(11) Lælia bifascia, n. sp.

♂. Head and thorax pale reddish brown often tinged with fuscous; pectus and legs dark brown; abdomen ochreous white, ventrally tinged with rufous. Forewing pale reddish brown irrorated with black; a diffused black fascia on medial nervure and basal half of vein 4; a similar fascia on vein 1 from before middle to beyond middle; a subterminal series of obscure streaks on the veins, often almost obsolete. Hindwing ochreous white.

♀ usually rather redder; forewing with the fasciæ narrower and often shorter.

Hab. **British East Africa,** Machakos (Crawshay); **Zululand,** Lower Tugela (Reynolds); **Natal,** Mooi River, Durban (Leigh); **Cape Colony,** Transkei (Miss F. Barrett), Knysna (Trimen), Kokstad (Mrs. Pringle). *Exp.* 32–38 mill. Type in B.M.

(12) Lælia figlina, Dist. A.M.N.H. (7) iv. p. 361 (1899).

Hab. **Transvaal**; **Natal,** Delvin (Stanger). *Exp.* 40 mill.

Auctorum.

Lælia amabilis, Auriv. Œfv. Vet. Akad. Förh. xxxvi. (7) p. 58 (1879) ... ... Damaraland.

Genus DASYCHIRA.

	Type.
Dasychira, Steph. Ill. Brit. Ent. Haust. ii. p. 58 (1829)	*pudibunda.*
Boreconia, Wlk. xxxii. 459 (1865)	*fusca.*

Sect. I. Abdomen without dorsal crests.

A. Forewing with the basal and medial areas tinged with greenish.
  a. Forewing with subterminal series of small dark lunules .. .. *fusca.*
  b. Forewing without subterminal series of small dark lunules .. *herbida.*
B. Forewing with the basal and medial areas not tinged with greenish.
  a. Forewing with the postmedial line not angled inwards in discal fold .. .. *municipalis.*
  b. Forewing with the postmedial line angled inwards in discal fold.
    a[1]. Hindwing white, the apical area tinged with fuscous.. .. *postpura.*
    b[1]. Hindwing fuscous brown .. .. *postfusca.*

(1) Dasychira fusca, Wlk. vi. 918 (1855) ♂.
Orgyia tephra, Herr.-Schäff. Aussereur. Schmett. f. 387 (1855).
Boreconia subviridis, Wlk. xxxii. 460 (1865) ♀.
Hab. **Cape Colony** (Sir A. Smith), Knysna (Trimen). *Exp.* 40–52 mill.

(2)*Dasychira herbida, Wlk. vii. 1740 (1856).
Hab. **Cape Colony.** *Exp.* 60 mill.

(3) Dasychira municipalis, Dist. A.M.N.H. (6) xx. p. 200 (1897) ♂.
Lacipa diffusa, Dist. A.M.N.H. (6) xx. p. 200 (1897) ♀.
Hab. **British Central Africa,** Chiromo; **Transvaal; Natal; Cape Colony,** Transkei, Annshaw (Miss F. Barrett). *Exp.* 36–40 mill.

(4) Dasychira postpura, n. sp.

♂. Head and thorax white mixed with dark brown; palpi black at sides; tegulæ with black medial line; tarsi banded with black, abdomen white irrorated with brown. Forewing white slightly tinged with brown and thickly irrorated with black; costa black at base; a subbasal black line angled outwards in cell and ending at submedian fold; antimedial line angled outwards below costa, then dentate; orbicular and reniform slightly defined by black, the former irregularly rounded, the latter with fuscous centre; a slight incurved medial shade; postmedial line inwardly oblique at costa, bent outwards below costa, then dentate, angled inwards in discal fold, retracted to near origin of vein 2, then inwardly oblique; two black striæ from costa before apex; a highly crenulate terminal line; cilia grey and black. Hindwing white; a slight discoidal lunule; the terminal area slightly irrorated with brown, more prominently on apical area.

Hab. **Cape Colony,** Stellenbosch. *Exp.* 32 mill. Type in B.M.

(5) Dasychira postfusca, n. sp.

♂. Head and thorax grey-white mixed with brown; palpi

blackish at sides; tegulæ with medial black line; tarsi banded with black; abdomen brown with greyish segmental bands towards extremity, the ventral surface white. Forewing grey suffused with brown especially on medial and terminal areas and irrorated with fuscous; costal edge black at base; subbasal line angled outwards in cell, oblique from submedian fold to vein 1; antemedial line double, strongly dentate; orbicular and reniform defined by black and with brownish centres, the former elliptical; traces of an incurved, waved medial line; postmedial line strongly bent outwards below costa, then irregularly dentate, angled inwards in discal fold and below vein 4 retracted to near origin of vein 2, then outwardly oblique; two oblique black striæ from costa before apex; a series of black and white striæ before termen. Hindwing fuscous brown; the under side paler brown with dark discoidal lunule and curved postmedial line.

Hab. **Cape Colony,** Kowie (Dr. Becker). *Exp.* 34 mill. Type in B.M.

Sect. II. Abdomen with dorsal series of crests.

A. Forewing with the ground colour brownish.
  a. Forewing without whitish spots on costa and in end of cell.
    a^1. Forewing without whitish patches on inner or apical areas.
      a^2. Hindwing white or fuscous.
        a^3. Forewing with the postmedial line placed on an oblique rufous band .. .. *curvivirgata.*
        b^3. Forewing with the postmedial line not placed on an oblique rufous band.
          a^4. Forewing with the lines rufous.. .. .. *rubrifilata.*
          b^4. Forewing with the lines dark.
            a^5. Forewing with the postmedial line outwardly oblique towards costa .. .. .. *ecscota.*
            b^5. Forewing with the postmedial line incurved to costa.
              a^6. Forewing with the subterminal line dark .. .. *extorta.*
              b^6. Forewing with the subterminal line whitish defined by dentate dark marks on inner side .. .. *lunensis.*
      b^2. Hindwing black in male, orange in female .. .. .. *libyra.*
      c^2. Hindwing bright rufous .. .. *metathermes.*
    b^1. Forewing with white patches on inner and apical areas .. *whitei.*
  b. Forewing with whitish spots on costa and in end of cell .. *proleprota.*
B. Forewing with the ground colour grey.
  a. Forewing with medial line .. .. *atrifilata.*
  b. Forewing without medial line.
    a^1. Forewing with the postmedial line not angled inwards in discal fold .. .. *extatura.*
    b^1. Forewing with the postmedial line angled inwards in discal fold .. .. *gwelila.*

C. Forewing with the ground colour white.
  a. Forewing suffused with green .. .. *mascarena*.
  b. Forewing not suffused with green.
    a^1. Forewing with the lines numerous, dark.
      a^2. Forewing with the markings indistinct, fuscous.. .. *georgiana*.
      b^2. Forewing with the markings prominent, black .. .. *octophora*.
    b^1. Forewing with slight yellowish ante- and postmedial lines *confinis*.

(6) Dasychira curvivirgata, Karsch, Ent. Nachr. 1895, p. 373, pl. iv. f. 3.

Hab. **West Africa**, Togo; **British Central Africa**, Nyasaland; **Matabeleland** (Oates). *Exp.* 40 mill.

(7) Dasychira rubrifilata, n. sp.

♀. Head and thorax pale reddish brown; abdomen grey-brown with the dorsal crests black. Forewing pale purplish grey thickly irrorated with fuscous; the lines ferruginous; an indistinct waved subbasal line from costa to submedian fold; a waved antemedial line; a reniform stigma indistinctly defined by ferruginous; oblique waved postmedial and subterminal lines slightly bent inwards between veins 3 and 1; a terminal series of striæ. Hindwing pale greyish fuscous; the under side whitish irrorated with fuscous and with indistinct postmedial line.

Hab. **British Central Africa** (Ambruster); **Rhodesia**, Sabakwe. *Exp.* 42 mill. Type in B.M.

(8) Dasychira ecscota, n. sp.

♂. Head and thorax reddish brown mixed with black; abdomen fuscous, the dorsal crests reddish. Forewing pale grey-brown with some dark irroration, the basal half and postmedial and terminal areas suffused with greenish fuscous; traces of a waved rufous and black subbasal line; an indistinct oblique waved rufous and black antemedial line; the reniform defined at sides by very obscure rufous and black bars; a better defined double, minutely waved postmedial line filled in with rufous, oblique from costa to submedian fold then bent outwards, some blackish suffusion beyond it towards costa; a subterminal series of rufous and fuscous spots; cilia chequered grey and fuscous. Hindwing greyish, thickly irrorated with fuscous brown, the terminal area rather darker; the under side more ochreous irrorated with brown, a slight discoidal spot, postmedial line and diffused subterminal band.

♀. Forewing with the medial and terminal areas paler.

Hab. **Mashonaland**, Salisbury (Marshall). *Exp.* ♂ 30, ♀ 40 mill. Type in B.M.

(9) Dasychira extorta, Dist. A.M.N.H. (6) xx. p. 203.
Lymantria hera, Druce, A.M.N.H. (7) i. p. 209 (1898).
Hab. **British East Africa,** Athi-ya-Mawe; **Mashonaland,** Umtali (Marshall); **Transvaal**; **Natal,** Durban (Queckett, Leigh); **Cape Colony,** Transkei (Miss F. Barrett), Grahamstown. *Exp.* 30–40 mill.

Larva. Fuscous black, the warts with tufts of loose greyish hair; subdorsal pencils of black hair on first somite just behind head; large dorsal brushes of red-brown hair on fourth to seventh somite . . . urticating.

(10) Dasychira lunensis, n. sp.

♂. Head, thorax, and abdomen dark brown mixed with some grey. Forewing pale olive irrorated with brown, the costal area, cell and area from below end of cell to subterminal line suffused with purplish; traces of a subbasal line angled outwards below costa and extending to vein 1; traces of a double irregularly dentate antemedial line; postmedial line minutely dentate, bent outwards below costa, excurved to vein 4, then incurved, an oblique series of dentate white and black marks beyond it between veins 4 and submedian fold, the lowest larger; a subterminal series of black striæ obliquely placed above veins 3 and 2. Hindwing ochreous whitish tinged with fuscous on terminal area.

♀. Forewing with the medial area tinged with greenish; reniform suffused with whitish; a large brownish semilunate patch from below costa to vein 2; a whitish line before the subterminal striæ angled inwards in discal fold and strongly in submedian fold, and with a series of dentate black marks on its inner side.

Hab. **Natal,** Durban (Gooch, Leigh). *Exp.* ♂ 32, ♀ 36 mill.

Larva. Yellow; warts with tufts of long whitish hair; first somite with lateral pencils of long plumose brown hair projecting forward; fourth to seventh somite with dorsal brushes of short whitish hair; a brownish dorsal stripe spotted with yellow, on thoracic somites barred with yellow, defined below by the yellow subdorsal line with crimson marks on it at middle of each segment; lateral line indistinct, yellow; head yellow marked with crimson; prolegs crimson-tipped.

(11)*Dasychira libyra, Druce, A.M.N.H. (6) xvii. p. 352 (1896).
Heteronygmia flammeola, Dist. A.M.N.H. (7) vii. p. 360 (1899).
Hab. **East Africa**; **Transvaal,** Lydenburg. *Exp.* ♂ 42, ♀ 50 mill.

(12) Dasychira metathermes, n. sp.

♂. Head and thorax whitish mixed with brown and tinged with

pale rufous ; tarsi with blackish rings ; abdomen fulvous, the dorsal crests black, the ventral surface tinged with fuscous. Forewing greyish tinged with rufous and thickly irrorated with dark brown ; an indistinct double subbasal line angled inwards in submedian fold and outwards on vein 1 ; antemedial line double, angled inwards in submedian fold, a blackish patch below the cell from it to the slightly incurved black medial line ; postmedial line black defined by whitish on outer side, excurved between veins 7 and 4, then oblique and angled inwards in submedian fold ; subterminal line whitish, excurved at vein 7 and middle, angled inwards in discal and submedian folds ; a series of dark striæ before termen, the one above submedian fold obliquely placed ; cilia chequered fuscous and brown. Hindwing bright fulvous, the apical area suffused with brown ; the under side with slight discoidal spot and curved postmedial line.

Hab. **Cape Colony,** Grahamstown, Kouri River (Dr. Becker). *Exp.* 34 mill. Type in B.M.

(13) Dasychira whitei, Druce, A.M.N.H. (7) i. p. 209 (1898).

Hab. **West Africa,** Old Calabar ; **Natal,** Durban (Bowker, Innes, Marshall). *Exp.* 34 mill.

(14) Dasychira proleprota, n. sp.

♂. Head, thorax, and abdomen dull brown suffused with whitish. Forewing dull brown tinged with grey ; some ill-defined whitish marks at base ; two whitish spots on middle of costa and two towards apex ; reniform narrow, filled in with whitish ; traces of a double waved antemedial line ; postmedial line slightly bent outwards below costa, excurved to vein 4, then angled inwards in submedian fold ; cilia with whitish points at extremity of veins. Hindwing dull reddish brown.

Hab. **Natal,** Durban (Leigh). *Exp.* 32 mill. Type in B.M.

(15) Dasychira atrifilata, n. sp.

♂. Head and thorax grey mixed with black ; metathorax with black bars ; fore and mid tarsi black ; abdomen brownish grey. Forewing grey thickly irrorated with fuscous ; a slight subbasal line, angled outwards below costa and ending on a wedge-shaped black patch below cell with a fuscous shade from its extremity to costa ; antemedial line rather broad, slightly angled outwards below costa, then straight ; a rounded spot defined by black in end of cell with a striga from costa above it ; a medial line from origin of vein 2 incurved to inner margin ; a minutely dentate postmedial line excurved from costa to vein 4, then angled inwards to below end of cell, then

bent outwards again; a fine subterminal line incurved at veins 5, 3, 2. Hindwing white, the termen tinged with fuscous.

♀. Forewing more strongly irrorated with black; antemedial line less distinct; reniform outlined by black and produced upwards, with a wedge-shaped mark defined by black from its inner side to antemedial line; postmedial line not so strongly angled inwards below cell, nor bent outwards again; subterminal line less distinct with an irregular waved black line before it strongly incurved and with a black lunule on it below vein 2 Hindwing more tinged with fuscous; the under side with the costal and terminal areas irrorated with fuscous, a discoidal lunule and diffused sinuous subterminal line.

Hab. **Mashonaland**, Salisbury (Marshall). *Exp.* ♂ 40, ♀ 46 mill. Type in B.M.

Pupa in a thin cocoon of grey and black hair.

(16)*Dasychira extatura, Dist. A.M.N.H. (6) xx. p. 202 (1897).
Hab. **Transvaal**, Pretoria (Distant). *Exp.* ♂ 40, ♀ 50 mill.

(17) Dasychira gwelila, Swinh. Trans. Ent. Soc., 1903, p. 469.
Hab. **British East Africa**, Gwelil, Machakos; **Rhodesia**, Bulawayo (F. Eyles); **Natal**, Durban (Leigh). *Exp.* 36 mill.

(18) Dasychira mascarena, Bull. A.M.N.H. (5) ii. p. 294 (1878).
,, *cangia*, Druce, P.Z.S. 1887, p. 674. Holland, Psyche, vi. p. 567, pl. 10, f. 12.
Hab. **Delagoa Bay**; **Madagascar**. *Exp.* ♂ 50, ♀ 56 mill.

(19) Dasychira georgiana, Fawcett, Tr. Zool. Soc. xv. p. 314, pl. xlix. ff. 19, 20, 21 (1900).
Hab. **Transvaal** (Marshall); **Natal**, Durban (Leigh). *Exp.* ♂ 42, ♀ 72 mill.

(20) Dasychira octophora, n. sp.

♂. Head and thorax white; palpi black except at tips; lower part of frons black; a black bar between antennæ which have black points on shaft in front and blackish branches; tegulæ edged with black behind; thorax with black markings; legs banded with black; abdomen ochreous white with fuscous dorsal and lateral bands. Forewing white; the base of costa black; a subbasal black line from costa to submedian fold, angled outwards in cell; two irregularly dentate antemedial lines, the second arising from an annulus on costa and angled inwards nearly to former in cell; orbicular represented by a small annulus, the reniform by an 8-shaped mark; a striga from middle of costa and a Y-shaped mark on inner margin;

postmedial line irregularly dentate, bent outwards below costa, angled inwards in discal fold, strongly incurved below the cell, then bent outwards again; a wedge-shaped black mark from costa before apex with a white point on it; some irregular subterminal marks; a terminal series of black spots becoming larger and triangular towards tornus, emitting streaks on the cilia except towards tornus. Hindwing white, some fuscous marks at and below apex and a line towards tornus forming part of a subterminal band; a terminal series of black striæ; the under side with fuscous bars from costa before, at, beyond middle and at apex, a black discoidal lunule.

Hab. **Natal,** Durban (Millar); **Cape Colony,** Howie (Dr. Barker), Heald Town (Miss F. Barrett), Grahamstown. *Exp.* 38 mill. Type in B.M.

(21)*Dasychira confinis, Dist. A.M.N.H. (7) iv. p. 360 (1899).

Hab. **Transvaal,** Natal Frontier. *Exp.* 52 mill.

Genus LACIPA.

	Type.
Lacipa, Wlk. iv. 790 (1855)	*picta.*
Microgymna, Wllgrn. K. Vet. Akad. Handl. (2) v. p. 38 (1865)	*picta.*

A. Forewing with the ground colour yellowish .. .. *sarcistis.*
B. Forewing with the ground colour white tinged with fuscous.. *pulverea.*
C. Forewing with the ground colour pure white.
  a. Forewing with the bands defined by black, an irregular medial series of black spots .. .. *picta.*
  b. Forewing with the bands not defined by black; no medial series of black spots.
    a^1. Forewing with terminal series of black points .. .. *quadripunctata.*
    b^1. Forewing with terminal series of yellow spots.
      a^2. Forewing with two or three black points on medial part of postmedial line .. .. *gemmata.*
      b^2. Forewing with complete series of black spots on inner side of postmedial line .. .. *nobilis.*

(1) Lacipa sarcistis, n. sp.

Head, thorax, and abdomen orange-yellow; fore coxæ tinged with fuscous; anal tuft of female fuscous. Forewing flesh yellow irrorated with rough white scales; the costa more orange; traces of a curved orange subbasal line from costa to submedian fold; antemedial line orange, acutely angled on median nervure and oblique towards costa and inner margin; an orange postmedial line arising near apex, very oblique below vein 7. Hindwing orange-yellow.

Under side of forewing except marginal areas suffused with fuscous in male.

Hab. **Natal,** Victoria District, Durban (Queckett). *Exp.* 28 mill. Type in B.M.

(2) Lacipa pulverea, Dist. A.M.N.H. (7) i. p. 117 (1898).
Euproctis pubescens, Swinh. Trans. Ent. Soc., 1903, p. 404.
Hab. **Transvaal**; **Zululand,** Lower Tugela (Reynolds); **Natal,** Malvern (Marshall), Durban (Leigh). *Exp.* 24 mill.

(3) Lacipa picta, Boisd. Delegorgue Voy. Afr. Austr. ii. p. 599 (1847); Herr.-Schäff. Aussereur. Schmett. f. 113.
Hab. **Cape Colony,** Grahamstown, Knysna (Trimen). *Exp.* 28 mill.

(4) Lacipa quadripunctata, Dewitz., Verh. L.C. Akad. xliii. p. 67, pl. iii. f. 4 (1881).
Lacipa sexpunctata, Dist. A.M.N.H. (6) xx. p. 201 (1897).
,, *quinquepunctata*, Dist. A.M.N.H. (7) i. p. 117 (1898).
Hab. **British Central Africa,** Stevenson Road; **Mozambique**; **Mashonaland,** Salisbury (Marshall, Dobbie), Umtali (Marshall); **Southern Rhodesia,** Sebakwe; **Transvaal.** *Exp.* 26–34 mill.

(5) Lacipa gemmata, Dist. A.M.N.H. (6) xx. p. 200 (1897).
Hab. **Transvaal** (Tulloch); **Natal,** Estcourt (Hutchinson), Maritzburg (Burnup); **Cape Colony,** Grahamstown. *Exp.* 32–42 mill.

(6) Lacipa nobilis, Herr.-Schäff. Aussereur. Schmett. f. 388 (1855).
Hab. **Cape Colony,** Knysna (Trimen), Wynberg (Trimen). *Exp.* ♂ 34, ♀ 42 mill.

Genus MICRAROA, nov.

Proboscis absent; palpi short, not reaching beyond the frons and clothed with hair; antennæ of male with long branches; head, thorax, and abdomen clothed with rough hair; hind tibiæ with one pair of spurs. Forewing short and broad, the apex rounded; vein 3 from before angle of cell; 4, 5 from angle; the cell open; 6 from upper angle; 7, 8, 10 stalked, 9 absent, 11 from cell. Hindwing with vein 3 from close to angle of cell; 5 absent; a recurrent vein in cell, the upper part of which is open; 6, 7 stalked.

MICRAROA RUFESCENS, n. sp.

♂. Uniform red-brown, the branches of antennæ black.

Hab. **Natal,** Tugela River, Bond's Drift (Reynolds), Estcourt (Hutchinson), Maritzburg (Burnup). *Exp.* 22 mill. Type in B.M.

GENUS ACLONOPHLEBIA.

	Type.
Aclonophlebia, Butl. P.Z.S., 1898, p. 428 ...	*flavinotata.*

A. Hindwing yellow.
  a. Forewing brown, with medial band formed of white patches .. *mosera.*
  b. Forewing fuscous, with white patch on medial costal area and yellow patches below and beyond cell .. .. *lugardi.*
B. Hindwing pale crimson .. .. *rhodea.*
C. Hindwing white.. .. .. *tessellata.*

(1) ACLONOPHLEBIA MOSERA, Druce, A.M.N.H. (7) i. p. 208 (1898).
Hab. **Delagoa Bay** (Mrs. Monteiro); **Rhodesia,** Bulawayo (Eyles); **Natal,** Durban (Queckett, Leigh). *Exp.* 32–50 mill. *Larva* hairy, brown, strongly urticating. *Pupa* hair-brown (Leigh).

(2) ACLONOPHLEBIA LUGARDI, Swinh. Trans. Ent. Soc., 1903, p. 493.
Hab. **N'Gamiland** (Lugard). *Exp.* ♂ 34, ♀ 44 mill.

(3) ACLONOPHLEBIA RHODEA, n. sp.

♀. Head and thorax brown, area round base of antennæ and sides of neck, some hair behind tegulæ and pectus crimson; antennæ blackish; femora crimson above; abdomen crimson with dorsal series of small black spots, the extremity blackish, the anal tuft yellow. Forewing fuscous, irrorated with white, the veins speckled with pinkish white; subbasal line represented by small crimson spots with black points on their inner side; a white antemedial band oblique from costa to below cell where it becomes confluent with an irregular medial white patch on inner margin interrupted by dark striæ; postmedial line expanding towards costa into a white patch angled outwards at vein 7 where it is met by two obliquely placed spots from apex, angled outwards on veins 4 and 3, then inwards and ending on inner margin; a series of small crimson spots on termen and cilia. Hindwing pale crimson; a pale fuscous terminal band from apex to vein 3, then becoming narrower and subterminal and ending at tornus.

Hab. **Delagoa Bay** (Junod). *Exp.* 40 mill. Type in B.M.

(4) Aclonophlebia tessellata, Dist. A.M.N.H. (6) xx. p. 201 (1897).

Hab. **Mashonaland** (Dobbie); **Transvaal,** Lydenburg. *Exp.* 40 mill.

Auctorum.

Arctia rhodalipha, Feld. Reis. Nov. pl. 100, f. 25 (1874) ... ... Cape Colony

Genus EUPROCTIS.

	Type.
Euproctis, Hübn. Verz. p. 159 (1827) ...	*chrysorrhœa.*
Dulichia, Wlk. iv. 809 (1855)	*fasciata.*
Lopera, Wlk. iv. 919 (1855)	*squamosa.*

A. Forewing with more or less prominent ante- and post-medial lines or bands.
  a. Forewing pale brown, the costal area suffused with white .. *aspersa.*
  b. Forewing orange to white.
    a^1. Abdomen with the extremity black .. .. *terminalis.*
    b^1. Abdomen with the extremity not black.
      a^2. Forewing without red discoidal spot.
        a^3. Forewing with the basal area irrorated with rough black scales .. .. *squamosa.*
        b^3. Forewing with the basal area not irrorated with black scales.
          a^4. Forewing with the ante- and post-medial lines not red.
            a^5. Forewing with subterminal points of black scales .. .. *punctifera.*
            b^5. Forewing without subterminal black points *mesozona.*
          b^4. Forewing with the ante- and post-medial lines more or less red .. .. *fasciata.*
      b^2. Forewing with discoidal red spot .. .. *sanguigutta.*
B. Forewing without ante- and post-medial lines or bands.
  a. Ground colour of male orange .. .. *crocata.*
  b. Ground colour of male ochreous or pale yellow.
    a^1. Forewing with some black scales round the red discoidal spot .. .. *stellata.*
    b^1. Forewing without black scales round the red discoidal spot .. .. *crocosticta.*
  c. Forewing white or yellowish white.
    a^1. Forewing without red subterminal marks .. .. *monosticta.*
    b^1. Forewing with red subterminal marks.
      a^2. Forewing with red marks near tornus.. .. .. .. *hæmodetes.*
      b^2. Forewing with red marks near apex and tornus .. *rufopunctata*

(1) Euproctis aspersa, Feld. Reis. Nov. pl. 100, f. 6 (1872).

Hab. **Cape Colony,** Van Vlyk's Vley (Alston), Deelfontein (Col. Sloggett). *Exp.* 36 mill.

EUPROCTIS TERMINALIS, Wlk. iv. 794 (1855).
Hab. **Natal**, Karkloof (Marshall, Heale); **Cape Colony**, Grahamstown, Knysna (Trimen). *Exp.* ♂ 30–34, ♀ 38 mill.

(3) EUPROCTIS SQUAMOSA, Wlk. iv. 920 (1855).
Hab. **Cape Colony**, Capetown. *Exp.* 34–44 mill.

(4) EUPROCTIS PUNCTIFERA, Wlk. iv. 792 (1855).
Hypogymna melanura, Wllgrn. Wien. Ent. Mon. iv. p. 163 (1860).
Lopera gaudens, Wlk. xxxii. 357 (1865).
Hab. **Delagoa Bay** (Junod); **Natal**, Durban (Gueinzius, Gooch, McKen); **Cape Colony**, Grahamstown. *Exp.* 30–38 mill.

(5) EUPROCTIS MESOZONA, n. sp.
♂. Head and thorax brownish ochreous; abdomen orange, the anal tuft brownish. Forewing pale yellow mostly suffused with pale fulvous; traces of pale ante- and postmedial lines angled outwards at middle; the medial area with large black-tipped rufous scales in end of cell, beyond lower angle and from lower angle to inner margin. Hindwing bright orange.
Hab. **Cape Colony**, Grahamstown. *Exp.* 32 mill.

(6) EUPROCTIS FASCIATA, Wlk. iv. 809 (1855).
Artaxa squamiplaga, Wlk. Proc. Nat. Hist. Soc. Glasg. i. p. 338 (1869):
Euproctis susanna, Stgr. Iris. vii. p. 258, pl. 9 f. 9 (1894).
,, *torrida*, Dist. A.M.N.H. (6) xx. p. 202 (1897).
Hab. **Syria**; **Aden**; **West Africa**, Sierra Leone, Nigeria, Congo; **Mashonaland**, Salisbury (Marshall); **Transvaal**, Murchison Range; **Zululand**, Lower Tugela (Reynolds); **Natal**, Estcourt (Hutchinson). *Exp.* 30–46 mill.

(7) EUPROCTIS SANGUIGUTTA, n. sp.
♂. Bright orange. Forewing with indistinct pale ante- and postmedial lines, the former curved, the latter excurved at middle; a round discoidal blood-red spot on a rather paler medial band which is constricted below cell; an indistinct pale subterminal line, somewhat excurved at middle.
Hab. **Nyasaland**, Konelowi (Crawshay); **Mashonaland** (Dobbie); **Cape Colony**, Knysna (Trimen). *Exp.* 34 mill.

(8) EUPROCTIS CROCATA, Boisd. Voy. Delegorgue, ii. p. 599 (1847); Herr.-Schäff. Aussereur. Schmett. f. 112.

Hypogymna cateja, Wllgrn. Wien. Ent. Mon. iv. p. 163 (1860).
Hab. **Natal,** Estcourt (Hutchinson); **Cape Colony** (Trimen). *Exp.* 36–42 mill.

(9) Euproctis stellata, Dist. A.M.N.H. (6) xx. p. 202 (1897).
Hab. **Mashonaland,** Umtali (Marshall); **Delagoa Bay** (Junod); **Natal,** Karkloof (Marshall), Estcourt (Hutchinson), Durban (Gooch, Burrows, Leigh); **Cape Colony,** Transkei (Miss F. Barrett), Grahamstown. *Exp.* ♂ 30, ♀ 38–44 mill.

(10) Euproctis crocosticta, n. sp.
♂. Ochreous yellow. Forewing with round orange-red discoidal spot.
♀. Rather paler; the anal tuft brown.
Hab. **British Central Africa,** West of Nyasa, Kondowi (Crawshay); **Mashonaland,** Salisbury (Marshall). *Exp.* ♂ 42, ♀ 48–54 mill.

(11) Euproctis monosticta, Butl. P.Z.S., 1898, p. 428, pl. 32, f. 7.
Hab. **British East Africa,** Taru, Machakos; **Natal.** *Exp.* ♂ 26, ♀ 42 mill.

(12) Euproctis hæmodetes, n. sp.
Yellowish white; abdomen with the anal tuft yellow in male, brown in female. Forewing with orange-red discoidal spot surrounded by a few black scales; a similar spot just above tornus with some black scales above and below it; the male with a few dark scales on termen below apex.
Hab. **Cape Colony,** Knysna (Trimen). *Exp.* ♂ 34, ♀ 42 mill.

(13) Euproctis rufopunctata, Wlk. Trans. Ent. Soc. (3) 1, p. 265 (1862).
Hab. **Delagoa Bay** (Junod); **Natal,** Durban (Queckett). *Exp.* 46 mill.

Genus AROA.

	Type.
Aroa, Wlk. iv. 791 (1855)	*discalis.*
Ornithopsyche, Wllgrn. K. Vet.-Akad. Handl. (2) v. (4) p. 35 (1865)	*discalis.*

Sect. I. Forewing with vein 6 from upper angle of cell.

(1) Aroa melanoleuca, n. sp.
♂. Head, thorax, and abdomen black mixed with some white hairs; branches of antennæ brown. Forewing black irrorated with

white; an obliquely curved, rather broad white band from just beyond upper angle of cell to vein 1 near tornus; cilia tipped with white. Hindwing black; an ill-defined oblique white band from costa beyond middle to submedian fold above tornus; cilia tipped with white; the under side with the band rather more defined and joining a diffused white fascia on inner area.

Hab. **Gazaland,** Melsetter, 5,500 ft. (Marshall). *Exp.* 26 mill.

Sect. II. Forewing with vein 6 from well below angle of cell.

(2) Aroa discalis, Wlk. iv. 792 (1855); Waterh. Aid. ii. pl. 178, f. 5.
,, *ochraceata*, Wlk. xxxii. 327 (1865).
,, *signata*, Wlk. xxxii. 328 (1865).
Ornithopsyche hypoxantha, Wllgrn. K. Vet.-Akad. Handl. (2) v. (4) p. 35 (1865); Feld. Reis. Nov. pl. 100, f. 4.

Hab. **British East Africa,** Kikuyu, Munisu, Kilaman'jaro; **Uganda,** Port Ogowe, Marengi, Masevi; **British Central Africa,** Zomba; **Portuguese East Africa,** Quilimane, **Mashonaland,** Salisbury (Marshall); **Delagoa Bay** (Junod); **Zululand,** Lower Tugela (Reynolds); **Natal,** Malvern (Marshall), Durban (Gueinzius, Gooch, Trimen, Heale, Leigh); **Cape Colony,** Grahamstown. *Exp.* ♂ 34, ♀ 42–44 mill.

Larva hairy, nearly black; *Cocoon* whitish. Food plants, grasses (G. F. Leigh).

Auctorum.

Orgyia tricolor, Herr.-Schäff. Aussereur. Schmett. i. f. 472 (1856) ... ... Cape Colony.
Ornithopsyche anthora, Feld. Reis. Nov. pl. 100, f. 3 (1874) ? = *A. discalis* ♂ ... Cape Colony.

Orgyia melaxantha, Wlk. xxxii. 324 (1865) = *pyrrhochroma*, Wlk. xxxii. 329, is from India, not South Africa.

Genus HOMOCHIRA, nov.

Type *H. rendalli*.

Palpi porrect to well beyond frons, the second joint thickly scaled, the third short; antennæ of male with long branches ending in a bristle, of female with shorter branches; legs hairy, the fore tibiæ and tarsal joints fringed with long hair; hind tibiæ with two pairs of spurs; abdomen with dorsal crests on basal segments. Forewing rather short and broad; veins 3 and 5 from near angle of cell; 6 from below upper angle; 7, 8, 9, 10 stalked, 10 from beyond 7;

11 from cell. Hindwing with veins 3, 4 shortly stalked or from angle; 5 from above angle; 6, 7 shortly stalked or from upper angle.

A. Hindwing orange.. .. .. *difficilis.*
B. Hindwing brown .. .. *rendalli.*

(1) Homochira difficilis, Wlk. xxxii. 328 (1865).
Hab. **Natal,** Durban (Gueinzius, Leigh). *Exp.* 40 mill.

(2) Homochira rendalli, Dist. A.M.N.H. (6) xx. p. 203 (1897).
Hab. **Mashonaland,** Salisbury (Marshall), Umtali (Marshall); **Transvaal**; **Natal,** Durban (Bowker). *Exp.* 36 mill.

Genus LYMANTRIA.

	Type.
Lymantria, Hübn. Verz. p. 160 (1827) ...	*monacha.*
Polymona, Wlk. iii. 768 (1855)	*rufifemur.*
Morasa, Wlk. iv. 859 (1855)	*modesta.*
Sarothropyga, Feld. Reis. Nov. p. 8 (1875), non-descr.	*modesta.*

Lymantria modesta, Wlk. iv. 859 (1855).
Sarothropyga rhodopepla, Feld. Reis. Nov. pl. 100, f. 23 (1875).
Hab. **Transvaal** (Leyds); **Natal,** Durban (Gueinzius, Bowker, Gooch, Leigh); **Cape Colony,** Grahamstown. *Exp.* ♂ 36, ♀ 54 mill.

Auctorum.

Liparis subfusca, Boisd. Voy. Delegorgue, ii. p. 598 (1847)...	Zululand.
Liparis lutea, Boisd. Voy. Delegorgue, ii. p. 598 (1847)...	Zululand.

Genus CYMAROA, nov.

Type *C. leptopepla.*

Palpi porrect to well beyond frons and clothed with rather long hair; antennæ of male with moderate branches ending in a bristle, of female with very short branches, the shaft with rough scales above; hind tibiæ with two pairs of spurs; abdomen without dorsal crests. Forewing rather short and broad; veins 3 and 5 from near angle of cell; 6 shortly stalked with 7, 8, 9, 10; 11 from cell. Hindwing with vein 3 from near angle of cell; 4, 5 from angle; 6, 7 from upper angle.

CYMAROA LEPTOPEPLA, n. sp.

♂. Head and thorax fulvous yellow mixed with fuscous; tibiæ and tarsi banded with black; abdomen fulvous yellow slight irrorated with fuscous. Forewing fulvous yellow irrorated with black; subbasal line indistinct, diffused, waved, with more distinct black mark at costa; antemedial line irregularly dentate, bent outwards from subcostal nervure to submedian fold; medial line with black mark on costa, then very indistinct, waved, oblique to lower angle of cell where it is angled; postmedial line waved, oblique to below vein 6, then inwardly oblique, a similar slightly curved line beyond it; a very ill-defined waved subterminal line. Hindwing golden-yellow with small fuscous discoidal spot and ill-defined subterminal line.

♀. Browner, especially the hindwing.

Hab. **Basutoland,** Maseru (Crawshay); **Cape Colony,** Grahamstown (Miss F. Barrett), Capetown. *Exp.* 38–46 mill.

GENUS NAROMA.

	Type.
Naroma, Wlk. vii. 1744 (1856)	*signifera.*
Hysibada, Wlk. xxxii. 497 (1865)	*signifera.*
Zarfa, Wlk. Proc. Nat. Hist. Soc. Glasg. i. p. 338 (1869)	*signifera.*
Wærdenia, Snell. Tijd. v. Ent. (2) vii. p. 40 (1872)	*signifera.*

NAROMA SIGNIFERA, Wlk. vii. 1744 (1856).

Hysibada varipes, Wlk. xxxii. 498 (1865).

Zarfa lunifera, Wlk. Proc. Nat. Hist. Soc. Glasg. i. p. 339 (1869).

Wærdenia weyenberghi, Snell. Tijd. v. Ent. (2) vii. p. 43, pl. 3, ff. 9–12 (1872).

Cnethocampa cadica, Plotz, Stett. Ent. Zeit. xli. p. 85 (1880).

Dasychira mabilli, Rochebr. Bull. Soc. Philom. (7) viii. p. 30 (1884).

Hab. **West Africa,** Sierra Leone, Nigeria, Accra, Old Calabar, Congo; **Uganda,** Karasa; **Mashonaland** Salisbury (Marshall), Umtali (Marshall); **Natal,** Malvern (Marshall), Durban (Gueinzius, Leigh, Miss Heaton). *Exp.* 30–54 mill.

GENUS PTEREDOA, nov.

Type *P. plumosa.*

Palpi porrect to just beyond frons, moderately clothed with hair; antennæ of male with extremely long feathery branches, decreasing

suddenly to apex, of female with short branches; hind tibia with one pair of spurs; abdomen without crests. Forewing rather short and broad; vein 3 from long before angle of cell; 5 from near angle; 7, 8, 9 stalked; 10, 11 from cell. Hindwing with vein 3 from before angle of cell; 6, 7 stalked.

Sect. I. Forewing with vein 6 from angle of cell; hindwing with vein 5 from just above angle.

(1) Pteredoa usebia, Swinh. Trans. Ent. Soc. 1903, p. 382.
Hab. **British Central Africa,** Likoma (de Jersey); **Delagoa Bay** (H. Junod). *Exp.* 34 mill.

Sect. II. Forewing with vein 6 from below angle of cell; hindwing with vein 5 from well above angle; fore tibia with the process long and arising from base.

(2) Pteredoa plumosa, n. sp.
Head, thorax, and abdomen white; vertex of head orange; antennæ of male with the branches brownish; wings uniform white and almost hyaline, clothed with bifurcate hairs.
Hab. **Mashonaland,** Salisbury (Marshall). *Exp.* 30–34 mill.

Genera Auctorum.

Homœomeria flavicapilla, Wllgrn. Wien. Ent. Mon. iv. p. 163 (1860); id. K. Vet. Akad. Handl. (2) 5 (4) p. 36 (1865) ...	Cape Colony.
Pygetera boldingii, Feld. Reis. Nov. pl. 99, f. 8 (1874); Kirby, Cat. Het. p. 446 ...	Cape Colony.
Oreinobia scurrilis, Wllgrn. Wien. Ent. Mon. iv. p. 163 (1860); id. K. Vet. Akad. Handl. (2) v. (4) p. 34 (1865) ...	Cape Colony.
Palasea albimacula, Wllgrn. K. Vet. Akad. Handl. (2) v. (4) p. 35 (1865)	Cape Colony.
Rhypopteryx sordida, Auriv. Œfv. Ak. Förh. xxxvi. (7) p. 57 (1879)	Damaraland.

Family HYPSIDÆ.

Key to the Genera.

A. Forewing with vein 9 from 10 anastomosing with 8 to form the areole.
a. Palpi upturned, the third joint long and somewhat dilated at extremity.
a[1]. Forewing in both sexes on under side, with oblique furrow of ridged membrane with membranous tooth before it above

inner margin towards tornus, coinciding with streak of large scales below costa of hindwing on upper side .. .. .. *Hypsa.*
b^1. Forewing normal .. .. *Digama.*
b. Palpi porrect, projecting about the length of head.
a^1. Mid tibiæ with the spurs well developed.. .. .. *Diota.*
b^1. Mid tibiæ with the spurs minute .. .. *Deilemera.*
B. Forewing with veins 7, 8, 9 stalked.
a. Hindwing with vein 5 from near lower angle of cell .. .. .. *Alytarchia.*
b. Hindwing with vein 5 obsolescent from middle of discocellulars *Callioratis.*

Genus HYPSA.

	Type.
Hypsa, Hübn. Verz. p. 172 (1827)...	*monycha.*
Pseudhypsa, Kirby, Cat. Het. p. 384 (1892)...	*speciosa.*

Sect. I. (*Pseudhypsa*). Antennæ of male bipectinate, the apex simple.

A. Hindwing white.. .. .. *speciosa.*
B. Hindwing orange.
a. Forewing brown with fine white streaks on the veins.
a^1. Hindwing with black terminal band from apex to vein 1 *baumanniana.*
b^1. Hindwing wholly orange or with fuscous apical patch .. *subretracta.*
b. Forewing orange .. .. *conspicua.*

(1) Hypsa speciosa, Drury, Ill. Ex. Ent. ii. pl. 5, f. 2 (1773).
,, *undulifera*, Wlk. vii. 1676 (1856); Snell, Tijd. v. Ent. xxxi. p. 126, pl. 1, f. 2.
Hab. **West Africa,** Sierra Leone, Gold Coast, Old Calabar, Nigeria; ? **South Africa.** *Exp.* 56–70 mill.

(2) Hypsa baumanniana, Karsch. Ent. Nachr. xxi. p. 369, pl. iii., f. 5 (1895).
Hab. **West Africa,** Sierra Leone; **Mashonaland,** Salisbury (Marshall); **Natal.** *Exp.* 54–66 mill.

(3) Hypsa subretracta, Wlk. vii. 1676 (1856).
Aganais aphidas, Hopff. Monatsb. Berlin, 1857, p. 422; Peter's Reise Zool. v. p. 432, pl. 28, f. 8; *larva* Fawcett, Tr. Zool. Soc. xv. p. 315, pl. 47, f. 16.
Hab. **West Africa,** Sierra Leone, Old Calabar, Nigeria; **British East Africa,** Tanga; **Natal,** Durban (Gooch, Leigh); **Cape Colony,** Grahamstown, Brak Kloof. *Exp.* 56–74 mill.

4) Hypsa conspicua, Swinh. A.M.N.H. (7) xi. p. 503 (1903).
Hab. **Transvaal; Natal,** Pinetown (Bowker). *Exp.* 60–74 mill.

Hypsa borbonica is confined to Madagascar and Bourbon.

Genus DIGAMA.

	Type.
Sommeria, Hübn. Zutr. Ex. Schmett. iii. p. 13 (1827), non-descr.	*culta.*
Digama, Moore, Lep. E.I.C. p. 297 (1859)	*hearseyana.*
Homœognatha, Feld. Reis. Nov. p. 5 (1874), non-descr.	*aganais.*

Sect. I. Antennæ of male bipectinate with long branches, the apex simple.

A. Hindwing white .. .. *spilosoma.*
B. Hindwing yellow.
  a. Hindwing with terminal series of fuscous spots from apex to vein 2, or dentate band .. .. *sinuosa.*
  b. Hindwing with more or less developed fuscous band on apical part of termen; vertex of head without spot.. .. .. *culta.*
  c. Hindwing wholly yellow; vertex of head with fuscous spot .. *aganais.*

(1) Digama spilosoma, Feld. Reis. Nov. pl. 106, f. 20 (1874).
Hab. **British East Africa,** Kikuyu; **Cape Colony,** Knysna (Trimen). *Exp.* 40–46 mill.

(2) Digama sinuosa, n. sp.

Head and thorax white; palpi with black bands on each joint; sides of frons above and below with black spots; antennæ black; tegulæ with black spots and black at base and sides; patagia black at shoulders; prothorax with black patch, metathorax with pair of spots; pectus and coxæ with black spots; legs fuscous ringed with white; abdomen orange, ventrally whitish, with dorsal, lateral and sublateral series of black spots. Forewing white; an irregular subbasal black patch on costa with white spot on it, a spot below cell and round spot further from base above inner margin with a pair of spots beyond them; irregular patches on costa at and beyond middle, their lower extremities conjoined by a very irregular somewhat *x*-shaped mark, its lower outer arm reaching inner margin; from the lower extremity of postmedial costal patch arises a loop-shaped black mark connected with the very irregular terminal band, which is grey edged with black on inner side and is more deeply excised above veins 6 and 3. Hindwing pale yellow with terminal series of fuscous spots from apex to vein 2 in male, in female with maculate dentate band.

Hab. **Natal,** Durban (Leigh). *Exp.* 42 mill. Type in B.M.

(3) Digama culta, Hübn. Zutr. Ex. Schmett. iii. p. 13, ff. 433–4 (1827).

Spilosoma marmorata, Wlk. xxxi. 293 (1864).
Hab. **Delagoa Bay** (Mrs. Monteiro); **Cape Colony,** Grahamstown. *Exp.* 30–40 mill.

(4) Digama aganais, Feld. Reis. Nov. pl. 106, f. 21 (1874).
Hab. **Natal,** Durban (Gooch, Queckett, Leigh). *Exp.* 40–42 mill.

Sect. II. Antennæ of male bipectinate with moderate branches on outer side and very short branches on inner.

(5) Digama ostentata, Dist. A.M.N.H. (7) iii. p. 463 (1899).
Hab. **Transvaal; Cape Colony,** Annshaw (Miss F. Barrett). *Exp.* 36 mill.

Genus DIOTA.

	Type.
Diota, Wllgrn. Svensk. Handl. (2) v. (4) p. 46 (1865)	*rostrata.*

A. Forewing with postmedial black spots above and below vein 4; hindwing brown .. .. *basifurca.*
B. Forewing without postmedial black spots; hindwing yellowish .. *rostrata.*

(1) Diota basifurca, Wlk. xxxii. 335 (1865).
Hab. **Cape Colony.** *Exp.* 40 mill.

(2)*Diota rostrata, Wllgrn. Wien. Ent. Mon. iv. p. 161 (1860).
Hab. **Cape Colony.** *Exp.* 30 mill.

Genus DEILEMERA.

	Type.
Deilemera, Hübn. Verz. p. 178 (1827)	*evergista.*

Sect. I. Hind tibiæ of male very short, the spurs nearly as long as the tarsus, the terminal pair ending in some long hairs.

Deilemera leuconoe, Hopff. Monatsb. Akad. Bul., 1857, p. 422; Peter's Reise Mossamb. v. p. 430, pl. 28, f. 3.
Leptosoma fuscipennis, Wllgrn. Wien. Ent. Mon. iv. p. 161 (1860).
Hab. **Abyssinia; Uganda,** Foda, Rusisi; **British East Africa,** Muthambi; **British Central Africa,** Nyasa, Zomba, Blantyre; **Mozambique; Delagoa Bay** (de Jersey); **Natal,** Durban (Trimen, Marshall, Leigh). *Exp.* 50–58 mill.

Genus ALYTARCHIA.

Type.

Alytarchia, Wllgrn. Wien. Ent. Mon. vii. p. 147 (1863) ... ... *amanda.*

Sect. I. Frons smooth; hindwing of male with the tornus produced to a point.

(1) Alytarchia amanda, Boisd. Delegorgue Voy. Afr. Austr. ii. p. 597 (1847).
Deiopeia cingulifera, Wlk. ii. 569 (1854).
,, *ocellina*, Wlk. ii. 571 (1854).
,, *albocincta*, Rambr. Cat. Lep. And. ii. p. 228 (1864).
,, *serrata*, Mab. Le Nat. i. (3) p. 5 (1879).
Hab. **West Africa,** Niger, Congo; **Uganda,** Wadelai, Mulema, Wawamba Co; **British East Africa,** Machakos; **German East Africa,** Tanganyika; **British Central Africa,** Zomba, Fwambo; **Mashonaland,** Salisbury (Marshall); **Gazaland,** Chirinda (Marshall); **Zululand** (Angas); **Natal,** Malvern (Marshall), Durban (Gooch); **Madagascar.** *Exp.* 46–56 mill.

Sect. II. Frons clothed with rough hair; hindwing of male with the tornus rounded.

(2) Alytarchia bellatrix, Dalm. Anal. Ent. p. 50 (1823).
Euchelia pardalina, Herr.-Schäff. Aussereur. Schmett. f. 117 (1854).
Hab. **Uganda,** Toro; **British East Africa,** Kikuyu; **British Central Africa,** Blantyre; **Delagoa Bay** (Marshall); **Natal,** Karkloof (Marshall), Durban (Gooch, Leigh); **Cape Colony,** Grahamstown, Knysna (Trimen). *Exp.* 58–70 mill.

Genus CALLIORATIS.

Type.

Callioratis, Feld. Reis. Nov. p. 2 (1874), non-descr. ... ... *abraxas.*

Proboscis fully developed; palpi porrect not reaching beyond the frons; antennæ almost simple; tibiæ with the spurs short. Forewing with vein 3 from long before angle of cell; 5 from well above angle; 6 from well below upper angle; 7, 8, 9 stalked; 10, 11 from cell. Hindwing with vein 3 from long before angle of cell; 5 almost obsolete from middle of discocellulars; 7 from before upper angle; 8 approximated to cell to middle.

Sect. I. Forewing of male with the under side clothed with large whitish androconia, and a patch of fulvous androconia above and below base of vein 2; hindwing on upper side with a fringe of very long hair from subcostal nervure and vein 6 covering a patch of fulvous androconia in and below lower angle of cell; vein 1 with fringe of long hair, the inner area folded over on under side and the tornus produced to a point; the under side clothed with large whitish androconia.

(1) CALLIORATIS ABRAXIS, Feld. Reis. Nov. pl. 100, f. 17 (1874), ♂.
,, *boisduvalii*, Feld. Reis. Nov. pl. 100, f. 18 (1874), ♀.
Hab. **Natal**; **Cape Colony**, Bashee River (Trimen). *Exp.* 66 mill.

Sect. II. Wings of male normal.

(2) CALLIORATIS MILLARI, n. sp.

Head orange-red, third joint of palpi, lower part of frons and antennæ black; tegulæ orange-red, black at middle; patagia orange-red, the outer edge black; thorax black; fore coxæ in front orange-red; abdomen black with six orange-red bands extending to sub-lateral area and the last band entire, the extremity orange, the anal tuft of male black. Forewing orange-red, the base blue-black with oblique sinuous outer edge and band of whitish scales on it; an oblique sinuous black antemedial band with band of whitish scales on it; an oblique black bar from costa to just below angle of cell; a postmedial black band with band of whitish scales on it, dilated towards costa, oblique to vein 6, then its outer edge produced to five small dentitions and bent outwards to tornus; a series of black spots on termen and cilia, conjoined into a band from apex to vein 6. Hindwing orange-red, the extreme base and basal third of inner area black; an elliptical discoidal spot; a curved postmedial band with waved edges; six spots on termen and cilia; the under side with black fascia on costa to near middle except at base.

Hab. **Natal**, 2,500 ft. (A. D. Millar), 1 ♂, 1 ♀ type. *Exp.* ♂ 68 ♀ 72 mill.

SUPPLEMENT.

SYNTOMIDÆ.

(3*a*) Syntomis endocrossis, Hmpsn. A.M.N.H. (7) xi. p. 338 (1903).
Hab. **Mashonaland,** Salisbury (Marshall). *Exp.* 40 mill.

(2) Epitoxis nigra, Hmpsn. A.M.N.H. (7) xi. p. 239 (1903).
Hab. **Gazaland,** Mt. Chirinda (Marshall). *Exp.* 32 mill.

(1*a*) Metarctia burra, Schaus Lep. S. Leone, p. 23, pl. 1, f. 6 (1893).
Hab. **Sierra Leone; Congo; British East Africa,** M'gana; **Mashonaland,** Salisbury (Marshall). *Exp.* 40 mill.

(1*b*) Metarctia rubripuncta, Hmpsn. Cat. Lep. Phal. B.M. 1, p. 147, pl. v. f. 4 (1898).
Hab. **West Africa,** Gaboon, Congo; **Abyssinia,** Zegi Tsana; **British East Africa,** Ruwenzori; **Mashonaland,** Salisbury (Marshall). *Exp.* 52 mill.

(2*a*) Metarctia benitensis, Holl. Psyche vi. p. 395 (1893).
Hab. **West Africa,** Cameroons, Benita; **Basutoland,** Maseru (Crawshay). *Exp.* ♂ 30, ♀ 42 mill.

ARCTIADÆ.

NOLINÆ.

Genus RŒSELIA.

	Type.
Rœselia, Hübn. Verz. p. 397 (1827)	*togatulalis.*

Rœselia infuscata, Hmpsn. A.M.N.H. (7) xi. p. 342 (1903).
Hab. **Mashonaland,** Umtali (Marshall). *Exp.* 22 mill.

LITHOSIANÆ.

(3) PHRYGANOPSIS ATRESCENS, Hmpsn. A.M.N.H. (7) xi. p. 343 (1903).
Hab. **Cape Colony,** Grahamstown. *Exp.* 22 mill.

(2) MACROSIA CHALYBEATA, Hmpsn. A.M.N.H. (7) viii. p. 179 (1901).
Hab. **British East Africa,** Eb Urru; **Mashonaland,** Salisbury (Marshall). *Exp.* 42 mill.

(5*a*) ILEMA SANGUICOSTA, Hmpsn. A.M.N.H. (7) viii. p. 181 (1901).
Hab. **British East Africa,** Uganda Railway; **Mashonaland,** Salisbury (Marshall). *Exp.* ♂ 46, ♀ 36 mill.

GENUS MICRILEMA.

Type.
Micrilema, Hmpsn. A.M.N.H. (7) xi. p. 343 (1903) ... ... *craushayi.*

MICRILEMA CRAUSHAYI, Hmpsn. A.M.N.H. (7) xi. p. 343 (1903).
Hab. **Basutoland,** Machacha, 10,000 ft. (Crawshay). *Exp.* 20 mill.

GENUS ANAPHOSIA.

Type.
Anaphosia, Hmpsn. A.M.N.H. (7) xi. p. 344 (1903) ... ... *cyanogramma.*

ANAPHOSIA CYANOGRAMMA, Hmpsn. A.M.N.H. (7) xi. p. 344 (1903).
Hab. **Mashonaland,** Mpodzi River (Marshall). *Exp.* 40 mill.

(1*a*) CHIONÆMA CAPENSIS, Hmpsn. A.M.N.H. (7) xi. p. 347 (1903).
Hab. **Cape Colony,** Grahamstown. *Exp.* 22 mill.

(2) EUROSIA FULIGINEA, Hmpsn. A.M.N.H. (7) xi. p. 347 (1903).
Hab. **Natal,** Durban (Leigh); **Cape Colony,** Annshaw (Miss F. Barrett). *Exp.* 18 mill.

GENUS OPSAROA.

Type.
Opsaroa, Hmpsn. A.M.N.H. (7) xv. p. 437 (1905) ... ... *fulvinota.*

OPSAROA FULVINOTA, Hmpsn. A.M.N.H. (7) xv. p. 437 (1905).
Hab. **Cape Colony,** Triangle. *Exp.* 22–24 mill.

ARCTIANÆ.

Genus PHRAGMATOBIA.

Type.

Phragmatobia, Steph. Ill. Brit. Ent. Haust. ii. p. 73 (1828) ... ... *fuliginosa.*

Phragmatobia parvula, Feld. Reis. Nov. pl. 100, f. 24 (1874).
Hab. **Cape Colony,** Hout Bay Road. *Exp.* 28 mill. The locality " N.W. Himalayas " is an error.

(1*a*) Diacrisia punctulata, Wllgrn. Wien. Ent. Mon. iv. p. 161 (1860).
Spilosoma auricinctum, Butl. P.Z.S., 1896, p. 847, pl. 42, f. 6.
Hab. **British Central Africa,** Nyasaland ; **Mashonaland,** Salisbury (Marshall). *Exp.* 48 mill.

(14) Diacrisia euryphlebia, Hmpsn. A.M.N.H. (7) xi. p. 351 (1903).
Hab. **Zululand,** Lower Tugela (Reynolds). *Exp.* 38 mill.

(3) Amsacta grammiphlebia, Hmpsn. Cat. Lep. Phal. B.M. iii. p. 323, pl. 46, f. 4 (1901).
Hab. **Mashonaland,** Salisbury (Marshall). *Exp.* 50 mill.

Genus HYPHANTRIA.

Type.

Hyphantria, Harr. Ins. Mass. p. 255 (1841) ... *cunea.*

Hyphantria strigulosa, Hmpsn. A.M.N.H. (7) viii. p. 185 (1901).
Hab. **Natal.** *Exp.* 40 mill.

(2*a*) Estigmena gynephæa, Hmpsn. A.M.N.H. (7) viii. p. 185 (1901).
Hab. **Mashonaland,** Salisbury (Marshall). *Exp.* ♂ 36, ♀ 38 mill.

(2)*Procanthia distanti, Dewitz. Verh. L.C. Acad. xlii. p. 68, pl. 3, f. 7 (1881).
Hab. **Cape Colony.**

AGARISTIDÆ.

Paida gordoni is the female of Paida pulchra.

(1*a*) Ægocera latreilli, Herr.-Schäff. Aussereur. Schmett. f. 19 (1853).

Hab. **Senegambia,** Casamanca; **British Central Africa,** Zomba; **Matabeleland,** Umfuli River (Marshall). *Exp.* 50 mill.

Ægacera tricolor is a variety of Æ. TRIMENI.

PAIS DECORA, insert (syn) *Pais moldænkii* Dew.

GENUS OMPHALOCEPS.

Type.

Omphaloceps, Hmpsn. Cat. Lep. Phal. B.M. iii. p. 628 (1901) ... ... *triangularis.*

OMPHALOCEPS DARIA, Druce, A.M.N.H. (6) xv. p. 42 (1895).

Ægocera triplagiata, Roths. Nov. Zool. iii. p. 95 (1896).

,, ,, var. *dispar*, Kirby A.M.N.H. (6) xviii. p. 377, pl. xix. f. 1 (1896).

Mitrophrys meraca, Karsch, Ent. Nachr. xxiv. p. 332 (1898).

Hab. **East Africa** Lindi; **Zambesia,** Loangwa River, M'pta; **German South-West Africa.** *Exp.* 54–68 mill.

NOCTUIDÆ.

AGROTINÆ.

(2) RAGHUVA STIGMATIA, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 29 (1903).

Hab. **Basutoland,** Maseru (Crawshay); **Cape Colony,** Transkei (Miss F. Barrett). *Exp.* 30 mill.

(3)*TIMORA TRANSVALICA, Dist. Entom. 1902, p. 212; Hmpsn. Cat. Lep. Phal. B.M. iv. p. 114, pl. 58, f. 12.

Hab. **Transvaal,** Johannesburg. *Exp.* 32 mill.

GENUS POROSAGROTIS.

Type.

Porosagrotis, Smith, Bull. U.S. Nat. Mus. 38, p. 123 (1890) ... ... *vetusta.*

POROSAGROTIS CAFFRA, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 658, pl. 77, f. 29 (1903).

Hab **Natal,** Mooi River. *Exp.* 40 mill

GENUS MICRAGROTIS.

Type

Micragrotis, Hmpsn. Cat Lep. Phal. B.M. iv. p. 148 (1903) ... ... *axylides.*

(1) Micragrotis exusta, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 149, pl. 60, f. 1 (1903).
Hab. **Mashonaland,** Salisbury (Marshall). *Exp.* 34 mill.

(2) Micragrotis rufescens, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 152, pl. 60, f. 2 (1903).
Hab. **Cape Colony,** Annshaw (Miss F. Barrett), Bushman Lake (Alston). *Exp.* 36 mill.

(3) Micragrotis microstigma, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 659, pl. 78, f. 10 (1903).
Hab. **Mashonaland,** Salisbury (Dobbie). *Exp.* 16 mill.

(4) Micragrotis prosarca, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 659, pl. 78, f. 11 (1903).
Hab. **Mashonaland,** Salisbury (Dobbie). *Exp.* 26 mill.

Genus EUXOA.

Type.

Euxoa, Hübn. Verz. p. 209 (1827) ... ... *decora.*

(1) Euxoa longidentifera, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 166, pl. 60, f. 10 (1903).
Hab. **British East Africa,** Muthambi, Machakos, Kikuyu; **Mashonaland,** Salisbury (Marshall); **Natal,** Estcourt (Hutchinson), Durban (Gooch); **Basutoland,** Maseru (Crawshay); **Madagascar,** Diego-Suarez. *Exp.* ♂ 34, ♀ 40 mill.

(2) Euxoa rufomixta, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 661, pl. 78, f. 14 (1903).
Hab. **Cape Colony,** Kokstad (Mrs. Pringle). *Exp.* 30 mill.

(3) Agrotis ypsilon, Rott. Naturf. ix. p. 141 (1776).
Hab. **North and South America; Europe; Egypt; Natal,** Estcourt (Hutchinson); **West Asia; Japan; China; India; Ceylon, Java; Queensland; New Zealand; Hawaii.** *Exp.* 40–50 mill.

(4) Euxoa ruficeps, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 661, pl. 78, f. 12 (1903).
Hab. **Mashonaland,** Salisbury (Dobbie). *Exp.* 36 mill.

(5) Euxoa pronycta, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 324, pl. 67, f. 14 (1903).

Hab. **Mashonaland,** Salisbury (Marshall), Umtali (Marshall). *Exp.* 32 mill.

(6) Euxoa epipyria, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 325, pl. 67, f. 17 (1903).

Hab. **British East Africa,** Athi-ya-Mawe; **Mashonaland,** Salisbury (Marshall). *Exp.* 30–32 mill.

(19*a*) Agrotis annularis, Saalm. Lep. Madag. p. 265 (1891).
Agrotis transjecta, Dist. A.M.N.H. (7) i. p. 220 (1898).
Hab. **Mashonaland,** Salisbury (Marshall); **Transvaal,** Pretoria; **Madagascar,** Betsileo. *Exp.* 24–28 mill.

(19*b*) Agrotis ecstrigata, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 662, pl. 78, f. 13 (1903).
Hab. **Mashonaland,** Salisbury (Dobbie). *Exp.* 28 mill.

Genus LYCOPHOTIA.

	Type.
Lycophotia, Hübn. Verz. p. 215 (1827) ...	*porphyria.*

Lycophotia ecvinacea, Hmpsn. Cat. Lep. Phal. B.M. iv. p. 663, pl. 78, f. 15 (1903).
Hab. **Cape Colony,** Kokstad (Mrs. Pringle). *Exp.* 36 mill.

HADENINÆ.

Genus CRATERESTRA.

	Type.
Craterestra, Hmpsn. Cat. Lep. Phal. B.M. v. p. 17 (1905)	*lucina.*

Craterestra media, Wlk. xi. 756 (1857); Hmpsn. Moths Ind. ii. p. 199; id. Cat. Lep. Phal. B.M. v. p. 19, pl. 78, f. 28.
Hab. **Mashonaland,** Salisbury (Marshall); **India;** **Burma.** *Exp.* 34–36 mill.

Genus POLIA.

	Type.
Polia, Ochs. Schmett. Eur. iv. p. 73 (1816), non descr.; Treit. Schmett. Eur. v. (2), p. 5 (1825)	*cappa.*
Mamestra, Ochs. Schmett. Eur. iv. p. 75 (1816), non descr.; Treit. Schmett. Eur. v. (2), p. 127 (1825)	*pisi.*

(7*a*) Polia fuscirufa, Hmpsn. Cat. Lep. Phal. B.M. v. p. 103, pl. 81, f. 4 (1905).
Hab. **British East Africa,** Athi-ya-Mawe, Kikuyu, Machakos, Quaso, Eb Urru; **Mashonaland,** Salisbury (Marshall). *Exp.* 36–38 mill.

(7*b*) Polia cuprescens, Hmpsn. Cat. Lep. Phal. B.M. v. p. 163, pl. 82, f. 32 (1905).
Hab. **Mashonaland,** Salisbury (Marshall). *Exp.* 34 mill.

(1*a*) Aspidifrontia glaucescens, Hmpsn. Cat. Lep. Phal. B.M. v. p. 451, pl. 91, f. 5 (1905).
Hab. **Mashonaland,** Salisbury (Marshall, Dobbie). *Exp.* 34 mill.

Genus CIRPHIS.

	Type.
Cirphis, Wlk. xxxii. 622 (1865)...	*costalis.*

(1) Cirphis prominens, Wlk. ix. 102 (1856).
Leucania hispanica, Bell. Ann. Soc. Ent. Fr. 1863, p. 421, pl. 9, f. 5.
Hab. **Spain; Algeria; West Africa,** Nigeria, Congo; **British East Africa,** Kikuyu; **Mashonaland** (Dobbie). *Exp.* 28–36 mill.

(2) Cirphis polyrabda, Hmpsn. Cat. Lep. Phal. B.M. v. p. 507, pl. 92, f. 13 (1905).
Leucania albicosta, Hmpsn. Ann. S. Afr. Mus. ii. p. 273 (1902), nec Moore.
Hab. **Natal,** Estcourt (Hutchinson). *Exp.* 38 mill.

(3) Cirphis atrinota, Hmpsn. Cat. Lep. Phal. B.M. v. p. 523, pl. 92, f. 25 (1905).
Hab. **Mashonaland,** Salisbury (Marshall, Dobbie). *Exp.* 30 mill.

(4) Cirphis insulicola, Guen. Noct. i. p. 82 (1852).
Leucania simplaria, Saalm. Lep. Madag. p. 252, f. 160 (1891).
Hab. **West Africa,** Sierra Leone, Gambia, Nigeria; **Natal,** Durban (Gooch); **Madagascar; Bourbon.** *Exp.* 34–36 mill.

(5) Cirphis leucosticha, Hmpsn. Cat. Lep. Phal. B.M. v. p. 541 (1905).

Leucania insulicola, Saalm. Lep. Madag. p. 254, f. 181 (1891), nec Guen.

Hab. **British East Africa**, Eb Urru; **Natal**, Durban (Gooch, Leigh); **Mauritius**. *Exp.* 36 mill.

Genus BOROLIA.

Type.

Borolia, Moore, P.Z.S. 1881, p. 334 ... ... *fasciata*.

(1) Borolia melianoides, Möschl. Verh. z-b. Wien, xxxiii. p. 291, pl. xvi. f. 4 (1884).

Hab. **Abyssinia**, Zegi Tsana; **British East Africa**, Eb Urru, Machakos, Nairowa; **Mashonaland** (Dobbie); **Natal**, Estcourt (Hutchinson); **Cape Colony**, Transkei (Miss F. Barrett), Annshaw (Miss F. Barrett); **Madagascar**, Betsileo. *Exp.* 34–36 mill.

(2) Borolia rubrescens, Hmpsn. Cat. Lep. Phal. B.M. v. p. 563, pl. 94, f. 25 (1905).

Hab. **Natal**, Estcourt (Hutchinson). *Exp.* 38 mill.

(3) Borolia melanostrota, Hmpsn. Cat. Lep. Phal. B.M. v. p. 564, pl. 94, f. 28 (1905).

Hab. **Zululand**, Lower Tugela (Reynolds); **Natal**, Weenen; **Cape Colony**, Transkei (Miss F. Barrett). *Exp.* 32–36 mill.

(4) Borolia phæochroa, Hmpsn. Cat. Lep. Phal. B.M. v. p. 572, pl. 95, f. 9 (1905).

Hab. **Natal**, Estcourt (Hutchinson); **Cape Colony**, Annshaw (Miss F. Barrett), Kokstad (Mrs. Pringle). *Exp.* 34–38 mill.

(5) Borolia persecta, Hmpsn. Cat. Lep. Phal. B.M. v. p. 574, pl. 95, f. 12 (1905).

Hab. **Natal**, Estcourt (Hutchinson). *Exp.* 34 mill.

(6) Borolia micropis, Hmpsn. Cat. Lep. Phal. B.M. v. p. 574, pl. 95, f. 14 (1905).

Hab. **Mashonaland**, Salisbury (Marshall, Dobbie). *Exp.* 28 mill.

(7) Borolia cupreata, Hmpsn. Cat. Lep. Phal. B.M. v. p. 575, pl. 95, f. 15 (1905).

Hab. **Gazaland**, Chirinda Forest (Marshall). *Exp.* 38 mill.

CUCULLIANÆ.

(1*a*) Heliophobus leucogonia, n. sp.

♂. Head and thorax dark reddish brown mixed with greyish; antennæ ochreous white; abdomen reddish brown. Forewing red-brown with some greyish irroration, the veins darker; the basal half from cell to inner margin yellowish irrorated with rufous; a comma-shaped white mark in cell near base; a dark medial line angled in submedian fold, then oblique; an elliptical white spot on end of median nervure conjoined or nearly conjoined to a white discoidal bar, constricted at middle; an obliquely curved postmedial line bent inwards to costa and placed unusually near termen; a dark terminal line. Hindwing white, the costal area tinged with rufous; a brown discoidal spot, curved postmedial line and fine terminal line.

Hab. **Mashonaland** (Dobbie). *Exp.* 32 mill. Type in B.M.

ACRONYCTINÆ.

Genus PROCRATERIA, nov.

Type *P. noloides.*

Proboscis fully developed; palpi porrect extending to well beyond frons, which has a large truncate conical prominence with raised rim and a corneous plate below it; antennæ of female ciliated, head and thorax clothed with scales, the pro- and meta-thorax with spreading crests; abdomen with dorsal crest on basal segment. Forewing with 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. Hindwing with veins 3, 4 from angle of cell; 5 obsolescent from below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

Procrateria noloides, n. sp.

♀. Head, tegulæ, and prothoracic crest black pencilled with dark grey; thorax grey; legs suffused with fuscous; abdomen grey irrorated with fuscous. Forewing grey-white irrorated with fuscous, a large triangular black patch on basal part of costa extending to the indistinct whitish antemedial line which is bent outwards at median nervure, then oblique; orbicular and reniform small, indistinctly defined by fuscous, the former round; the veins of terminal half streaked with black; traces of a very highly dentate postmedial line produced to a series of black and white points on the veins, very

oblique from costa to vein 6 and with some fiery red scales on it, a large black patch on costa from it to apex, its lower edge irregularly rounded and attenuate at extremities; subterminal line represented by some fiery red points on the veins; cilia grey and fiery red. Hindwing whitish suffused with fuscous; the under side with indistinct discoidal spot and curved postmedial line.

Hab. **Mashonaland** (Dobbie). *Exp.* 36 mill. Type in B.M.

(1*a*) Conservula craushayi, n. sp.

♂. Antennæ with uniseriate dentitions. Head and thorax ochreous whitish mixed with rufous; abdomen ochreous tinged with yellow-brown. Forewing ochreous whitish with golden-brown markings; the basal area traversed by streaks in cell, submedian fold and on vein 1; the antemedial line double, angled outwards below costa and inwards in cell, then sinuous; orbicular and reniform slightly defined by brown, the former small, round, the latter large, irregular, pointed above and somewhat excised on inner side, with some fuscous in it at lower angle of cell; an oblique waved line from lower angle of cell to inner margin; the postmedial line double with some golden-brown suffusion on each side of it, arising near apex, obliquely curved to vein 2 then nearly erect; a slightly waved terminal line; cilia brown at tips. Hindwing pale suffused with fuscous; the under side whitish irrorated with fuscous, with dark discoidal spot and oblique postmedial line excurved below costa.

Hab. **Basutoland,** Mahalishoek (Crawshay). *Exp.* 30 mill. Type in B.M.

(4) Acrapex carnea, n. sp.

♂. Head and tegulæ fuscous mixed with grey; thorax flesh-coloured; abdomen ochreous. Forewing flesh-colour; an ochreous fascia in cell bent upwards at extremity to below apex; the veins of costal area with slight pale streaks; a diffused fuscous streak on median nervure; a black point at upper angle of cell and others just before and beyond lower angle; a diffused ochreous fascia in submedian interspace and above vein 2 to near termen; a slight terminal series of black points; cilia brownish with slight pale line through them. Hindwing pale fuscous, the cilia paler.

Hab. **Basutoland,** Machacha (Crawshay). *Exp.* 30 mill. Type in B.M.

EUTELIANÆ.

(5*a*) Eutelia leighi, n. sp.

♂. Head whitish, the base of palpi and tufts on basal joints of antennæ purple-brown; tegulæ and thorax in front purple-brown, the former with white medial line and white tips, mesothorax fuscous and white, metathorax pale brown and white; pectus and legs white, the former crimson in front, the latter with black bands; abdomen blackish with paired dorsal whitish marks on basal segments, the dorsal crests and anal tuft rufous, the ventral surface whitish, rufous towards extremity. Forewing whitish slightly tinged with pink and with olive-green on costal area; a curved red-brown subbasal line from costa to submedian fold; antemedial line double, the inner red-brown, the outer black, excurved at middle; medial area with some red-brown suffusion below the cell; orbicular and reniform red-brown with ill-defined white annuli and both defined by a sinuous red-brown line below; a medial line angled at middle, then oblique; a black streak from reniform to postmedial line which is oblique from costa to vein 6, angled inwards in discal fold and outwards at vein 4, then oblique and irregularly dentate, an oblique fuscous fascia from it to termen below middle and some white points beyond it on costa; an indistinct dentate subterminal line, incurved and defined by fuscous towards inner margin; a terminal series of small lunules; cilia pale rufous. Hindwing whitish with fuscous suffusion in cell and pink beyond it; indistinct minutely waved medial and postmedial lines; terminal area fuscous, narrowing and with white line on it towards tornus; cilia rufous with white line at base; the under side irrorated with fuscous and red, a black discoidal lunule, the lines more prominent.

Hab. **Natal**, Durban (Leigh). *Exp.* 30 mill. Type in B.M.

(11*a*) Eutelia discistriga, Wlk. xxxiii. 823 (1865).

Hab. **British East Africa**, Athi-ya-Mawe, Machakos, Neugia, Taru, Takaunga; **Natal**, Durban (Leigh); **Arabia**, Sheik Otthman, Aden; **India**, Sind, Nilgiris; **Ceylon**. *Exp.* 34 mill.

SARROTHRIPINÆ.

Genus SARROTHRIPA.

	Type.
Sarrothripa, Curt. Brit Ent. i. fig. 29 (1824)...	*revayana.*

Proboscis fully developed; palpi very long, obliquely porrect and thickly scaled; antennæ of male minutely ciliated; forelegs with the

femora and tibiæ fringed with long hair. Forewing with veins 3 and 5 from near angle of cell; 6 from below upper angle; 7 from angle; 8, 9, 10 stalked; 11 from cell. Hindwing with veins 3, 4 stalked or from angle; 5 from or from above angle; 8 anastomosing with the cell before middle.

SARROTHRIPA RUFIMEDIA, n. sp.

♀. Head and thorax grey mixed with black; pectus, legs, and abdomen brownish white, the last dorsally tinged with fuscous. Forewing grey irrorated with black; a double irregularly waved subbasal black line from costa to vein 1; a double irregularly waved antemedial line angled outwards on median nervure and above inner margin and emitting a slight streak in submedian fold; a large pale rufous patch in, below, and beyond lower angle of cell with the brown-outlined reniform on it; a double waved postmedial line obsolete on costal area, angled inwards on vein 2 and outwards in submedian fold, placed near the strong black subterminal line which is angled inwards below costa, outwards at vein 7, and excurved at middle. Hindwing semihyaline white, the veins towards termen tinged with fuscous; the termen fuscous, expanding on apical area; cilia of apical half blackish except at tips.

Hab. **Rhodesia,** Bulawayo (Eyles). *Exp.* 32 mill. Type in B.M.

ACONTIANÆ.

(3) NEAXESTIS RHODA, n. sp.

Head and thorax bright rufous tinged with crimson in front; palpi, pectus, and legs white, the forelegs rufous in front with white rings on tarsi; abdomen white dorsally tinged with fuscous. Forewing bright rufous sometimes tinged with crimson and with slight dark irroration; antemedial line dark, obliquely curved; a slight dark discoidal spot; postmedial line oblique from costa to vein 6 where it is obtusely angled, then inwardly oblique and slightly sinuous. Hindwing semihyaline white, the termen and cilia tinged with yellow. Under side of forewing with the disk tinged with fuscous in female.

Hab. **Rhodesia,** Bulawayo (Eyles). *Exp.* 28 mill. Type in B.M.

(3) ERIZADA ALBIVENA, n. sp.

♂. Head and thorax grey-white, the scales pencilled with red-brown; palpi brown; tarsi banded with black; abdomen whitish. Forewing grey-white, the scales pencilled with red-brown and the

terminal area suffused with brown, a few large black scales scattered over the wing; the veins streaked with white; the costal edge pale rufous; a rather indistinct sinuous antemedial brown line incurved in cell; orbicular and reniform small, deep black with whitish annuli, the former round, the latter elliptical; medial line brown, obliquely excurved from costa to vein 4, then oblique and sinuous; postmedial line formed of black striæ defined by white on outer side, excurved from costa to vein 4, then rather oblique and sinuous; an indistinct minutely dentate whitish subterminal line; a rufous terminal line. Hindwing yellowish white clouded with brown from near base to termen; an indistinct curved postmedial line.

Hab. **Zululand,** Lower Tugela (Reynolds). 1 ♂ type. *Exp.* 34 mill.

CATOCALINÆ.

(1*a*) Homoptera variegata, n. sp.

♂. Head and thorax black-brown, slightly irrorated with grey and ochreous, some ochreous on frons, behind the tegulæ, and on metathorax; abdomen fuscous. Forewing rufous suffused and irrorated with black; a fine white streak on median nervure; a white point at base below cell; subbasal line black defined by white on outer side, from costa to submedian fold; antemedial line black, slightly defined on each side by whitish, angled outwards below costa and inwards on median nervure and vein 1; reniform rather small, black, embraced by a hoop-shaped mark from costa to below cell defined by a sinuous black line on a whitish line; postmedial line black slightly defined by white on outer side, angled slightly inwards below costa, outwards at discal fold, then oblique and crenulate and with a diffused black shade before it, a slight ochreous streak before it below discal fold and a prominent one beyond it above the fold; subterminal line interrupted, whitish, angled outwards at vein 7 and inwards at discal and submedian folds, with some black streaks before it at middle and a whitish patch above vein 1; a terminal series of black and white points; cilia black with white patch below apex. Hindwing fuscous black; cilia with fine pale line at base and white tips; the under side with the costal and terminal areas irrorated with grey, a small discoidal spot, curved medial and postmedial dark lines and sinuous whitish subterminal line.

Hab. **Cape Colony,** Transkei (Miss F. Barrett). *Exp.* 64 mill. Type in B.M.

(6*a*)*Audea subligata, Dist. Entom. 1902, p. 212.
Hab. **Transvaal.** *Exp.* 40 mill.

(1*a*)*Chalciope pretoriæ, Dist. Entom. 1902, p. 212.
Hab. **Transvaal,** Pretoria. *Exp.* 60 mill.

(27*b*) Ophiusa melaconisia, n. sp.

♂. Head and thorax clothed with grey and brown scales with some large black scales mixed; abdomen grey irrorated with brown. Forewing grey very thickly and finely striated with brown and irrorated with some large black-tipped white scales; the veins white; subbasal line white, oblique, from costa to submedian fold; antemedial line white defined by brown on inner side, oblique and slightly excurved below costa; orbicular and reniform elliptical, black defined by white; postmedial line white defined by brown on outer side, excurved from just below costa to vein 4, then incurved, slightly excurved again above inner margin; subterminal line whitish defined on each side by red-brown, some black marks on its inner side below costa, slightly excurved below vein 7, then nearly straight; a fine crenulate red-brown line just before termen; a fine whitish line at base of cilia. Hindwing ochreous suffused with brown, the terminal area suffused with fuscous; a dark terminal line, the cilia pale. Under side of both wings whitish, the terminal areas suffused with fuscous; forewing with the dark orbicular and reniform showing.

Hab. **Mashonaland,** Salisbury (Dobbie). *Exp.* 46 mill. Type in B.M.

Genus EGYBOLIS.

	Type.
Caloptera, Blanch. Hist. Ins. ii. p. 363 (1845), nec Guér. Dipt. 1830	*vaillantina.*
Egybolis, Bois d. Delegorgue Voy. Afr. Austr. ii. p. 595 (1847)	*vaillantina.*

Egybolis vaillantina, Stoll, Suppl. Cram. pl. 31, f. 3 (1790); Saund. Trans. Ent. Soc. (2) iv. p. 59, pl. 14, f. 3 *a–c;* Ang. Kaff. Illustr. pl. 30, f. 19; *larva*, Fawcett, Tr. Zool. Soc. xvii. p. 282, pl. viii. ff. 13, 14.

Caloptera formosa, Blanch. Hist. Ins. ii. p. 376, pl. 17, f. 6 (1845).

Egybolis natalii, Boisd. Delegorgue, Voy. Afr. Austr. ii. p. 595 (1847).

Hab. **Uganda; Zanzibar; British Central Africa,** Blantyre, Nyasa; **Delagoa Bay** (Kenrick); **Zululand** (Angas); **Natal,** Durban (Gooch, Leigh). *Exp.* 52–66 mill.

PLUSIANÆ.

(2*a*) Plusia confusa, Moore, Lep. Atk. p. 149 (1888).
Hab. **Natal**, Durban (Leigh); **India**, Sikhim, Nilgiris; **Ceylon**.
Exp. 42 mill.

NOCTUINÆ.

(1*a*) Catephia diplogramma, n. sp.

♂. Head and thorax reddish brown mixed with black; abdomen greyish suffused with brown, the dorsal crests black. Forewing grey with a purplish tinge, suffused and irrorated with fuscous; subbasal line black, oblique towards costa, strongly excurved at median nervure and ending at vein 1; antemedial line double, slightly waved, oblique from costa to submedian fold, then strongly incurved; reniform defined by black; postmedial line double, angled slightly outwards at veins 6 and 4, then incurved, waved and angled upwards in submedian fold to near antemedial line; subterminal line indistinct, pale defined by fuscous, curved, slightly angled outwards at vein 7 and excurved at middle; the veins streaked with black towards termen; a fine black terminal line. Hindwing white, the veins brownish; a black-brown patch at tornus crossed by a pale striga; the under side with discoidal point and postmedial series of striæ on the veins.

♀. Hindwing with the whole terminal area pale brown.

Hab. **Transvaal**, Potchefstroom District (Ayres), Lydenberg District (Ayres). *Exp.* 38 mill. Type in B.M.

(5*a*) Catephia barrettæ, n. sp.

♂. Head and thorax dark reddish brown, the scales slightly tipped with grey; abdomen grey-brown. Forewing dark reddish brown slightly irrorated with grey, the terminal area paler; the subbasal line indistinct, slightly angled outwards below costa and ending at submedian fold; an oblique black mark on inner margin before middle; the antemedial line indistinct, slightly angled outwards below costa and on median nervure, then incurved and bent outwards again at vein 1; claviform represented by an obscure dark patch; orbicular round, grey defined by brown; reniform elliptical, defined by brown and grey; some grey points on costa towards apex; postmedial line brown defined by grey on inner side, bent outwards below costa, excurved and sinuous to vein 4, then bent inwards and oblique; a small triangular blackish mark from costa

before apex with one or two points below it. Hindwing white, the costal area and terminal half blackish; the under side with the costal area irrorated with grey, a blackish discoidal spot.

Hab. **Cape Colony,** Transkei (Miss F. Barrett). *Exp.* 38 mill. Type in B.M.

Genus COPIFRONTIA, nov.

Type *C. xantherythra.*

Proboscis fully developed; palpi obliquely upturned, the second joint slender and smoothly sealed, the third moderate; frons with vertical ridge-shaped process; eyes smooth, not ciliated; antennæ of male serrate and ciliated; head and thorax clothed with hair and scales mixed, the latter with rather ridge-shaped dorsal crest; hind tibiæ fringed with hair on both sides, the inner spurs very long; abdomen with dorsal crest at base only. Forewing with the termen obliquely curved and the inner margin rounded; 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. Hindwing with veins 3, 4 from angle of cell; 5 fully developed from above angle; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

Copifrontia xantherythra, n. sp.

♂. Head and thorax bright yellow, palpi above, frons and patches on tegulæ, patagia and dorsum of thorax purplish red; antennæ fulvous; abdomen ochreous yellow. Forewing bright yellow; a subbasal purple-red band with the scales pale-tipped, broad and oblique from costa to below cell, then narrowing, with waved edges and not quite reaching inner margin; an antemedial series of small spots, oblique from costa to vein 1, where it is angled and has a small spot before it; orbicular a purplish red annulus connected with a large patch from just below costa expanding in, beyond, and below end of cell, leaving a yellow line on discocellulars and connected with inner margin by some small spots; two postmedial series of small spots from costa to vein 6, the postmedial line only traceable on the purple-red area where it is fine, yellow, and obliquely incurved; the terminal area purple-red except at apex, conjoined between veins 5 and 2 with the medial patch; the subterminal line fine, yellow, waved, dentate inwards on the veins and connected with termen by slight streaks above and below vein 6 and in submedian fold. Hindwing yellowish white.

Hab. **Mashonaland** (Dobbie). *Exp.* 46 mill. Type in B.M.

Genus PLATYJA.

	Type.
Platyja, Hübn. Verz. p. 268 (1827)	*umminea.*

After *Calesia.*

Platyja phæophœnica, n. sp.

♀. Fuscous brown slightly irrorated with bluish white and suffused with purple; palpi white at tips; tarsi with white rings. Forewing with slight interrupted waved white subbasal line from costa to submedian fold; a sinuous rufous antemedial line with white points at costa and veins; a slight discoidal point; a waved rufous postmedial line with white points on it at the veins, slightly excurved from costa to below vein 2 and expanding into a band with waved edges beyond the cell, retracted from below vein 2 to lower angle of cell, and enclosing in its sinus a greenish white figure-of-8-shaped spot, then erect to inner margin; a small subterminal white spot on vein 6 with an oblique striga above it; a series of white points on costa towards apex and termen. Hindwing with waved postmedial rufous line with series of white points on it, obsolescent towards costa; a terminal series of white points.

Hab. **Natal**, Durban (Leigh). *Exp.* 52 mill. Type in B.M.

(2*a*) Acantholipes loxia, n. sp.

♂. Ochreous white; palpi tinged with fuscous at sides; head, thorax, and abdomen sparsely irrorated with black. Forewing irrorated with brown and blackish; two indistinct oblique antemedial lines from cell to inner margin; black points at middle of cell and on discocellulars; an oblique black band from just beyond lower angle of cell to middle of inner margin; an indistinct oblique postmedial line; subterminal line arising from apex and slightly incurved, whitish defined by an indistinct line on inner side and strongly by black on outer; a terminal punctiform line. Hindwing whitish with oblique medial dark bar from cell to submedian fold; a subterminal band from vein 7 to tornus; a terminal punctiform line; the under side irrorated with brown, a discoidal spot, an oblique postmedial line obsolete towards costa and inner margin, a somewhat incurved subterminal band.

Hab. **Natal**, Durban (Leigh). *Exp.* 24 mill. Type in B.M.

ERASTRIANÆ.

(4*a*) Megalodes xanthia, n. sp.

Yellow with a slight olive tinge; head and thorax slightly tinged with rufous and with a few black scales; tibiæ and tarsi banded with

brown. Forewing irrorated with a few rufous scales; subbasal line indistinct, curved from costa to submedian fold; antemedial line rather indistinct, angled outwards in interspaces; the cell and area beyond and just below it suffused with dark reddish-brown on medial area, a patch also on vein 1, the orbicular and reniform remaining yellow, the former round; postmedial line dentate, strongly bent outwards below costa and very strongly incurved below vein 4; some yellow points on costa beyond it; subterminal line only defined by a somewhat dentate rufous line on its inner side, angled outwards at vein 7 and somewhat dentate at veins 3, 4; a terminal series of dark striæ; cilia chequered yellow and brown. Hindwing rather paler yellow slightly irrorated with brown; a fine brown terminal line; the under side with dark discoidal spot and curved postmedial line.

Hab. **Mashonaland**, Salisbury (Dobbie); **Natal**, Deloni (Stanger), Bushman's River (Hutchinson). *Exp.* ♂ 32, ♀ 36 mill. Type in B.M.

(2*a*) Tarache mionides, n. sp.

♂. Frontal prominence with central process, corneous wall and plate below it.

Head and thorax white; palpi at tips, sides of frons and bands on tibiæ and tarsi fuscous, abdomen white tinged with ochreous. Forewing with the basal area white, the costal and inner areas grey with white striæ representing the subbasal and antemedial lines; the rest of the wing grey suffused with olive-green, especially on disk; a small white lunule at upper angle of cell; a white patch on costa from before middle to near apex constricted at vein 7 and ending truncately on vein 5; postmedial line white from vein 2 to inner margin, incurved to vein 1, then angled outwards; three waved whitish lines on disk before the subterminal series of white spot with black points on them developed into two black spots below apex and one above tornus; cilia brownish. Hindwing white with some brown on termen from apex to vein 2; the under side with small discoidal black spot.

Hab. **Cape Colony**, Deelfontein (Colonel Sloggett). 1 ♂ type. *Exp.* 28 mill.

(2*b*) Tarache diopis, n. sp.

♂. Antennæ ciliated; frons with long truncate conical prominence with raised rim at extremity; forewing with the costa concave beyond middle.

Head and thorax black-brown; abdomen dark-brown. Forewing red-brown; orbicular a small round white spot with some brown

scales in centre, reniform a small white lunule, the area between and beyond them dark brown; an indistinct pale obliquely curved postmedial line; terminal area rather darker and irrorated with grey; a fine dark terminal line; cilia brownish white. Hindwing uniform dark brown; cilia dark at base, the tips whitish mixed with brown.

Hab. **Transvaal,** Piet Retief (Crawshay). *Exp.* 22 mill.

(10*a*) Tarache leucotrigona, n. sp.

♀. Head black; thorax pinkish white with some black scales on metathorax; palpi white except at tips; pectus white; legs banded black and white; abdomen white dorsally tinged with brown and with fuscous bands. Forewing pinkish white, the costal area more or less completely olive to beyond middle; subbasal line double, from costa to submedian fold; antemedial line double, waved; a hoop-shaped black discoidal mark, in one specimen with its outer side produced above to a point emitting two black streaks; a triangular white postmedial patch on costa, extending to vein 6 and with the waved black postmedial line arising from it, strongly incurved below vein 4, with a band of slate colour on its inner side and the area beyond it slate colour; a waved sinuous whitish subterminal line with patches of black scales on it, and some white irroration beyond it; a terminal series of black striæ; cilia mostly white from middle to above tornus. Hindwing fuscous brown, rather paler towards base; the cilia mostly white; the under side yellowish white with black discoidal lunule, fuscous spot on middle of costa, waved diffused postmedial line and diffused terminal band.

Hab. **Gazaland,** Melsetter (Marshall), 1 ♀ type; **Zululand,** Lower Tugela (Reynolds), 1 ♀; **Natal,** Maritzburg (Burnup), 1 ♀. *Exp.* 30–36 mill.

Genus STOMAFRONTIA, nov.

Type *S. albifasciata.*

Proboscis absent; palpi very short, porrect, not reaching as far as the large frontal prominence which has a corneous plate below it and ends in a rounded corneous process with raised walls and projecting beak above; antennæ of female with long uniseriate serrations; thorax and abdomen smoothly scaled; tibiæ with the spurs moderate. Forewing with the apex produced and acute, the termen obliquely rounded; vein 3 from long before angle of cell; 5 from above angle; 6 from below upper angle; 7, 8, 9, 10 stalked; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 rather slight from below

middle of discocellulars; 6, 7 strongly stalked; 8 anastomosing with the cell to two-thirds, then approximated to it to angle, then diverging.

STOMAFRONTIA ALBIFASCIATA, n. sp.

♀. Head and thorax white mixed with pale red-brown; legs tinged with fuscous; abdomen brownish ochreous. Forewing white irrorated with red-brown and suffused with golden æneous except on costal and terminal areas; a white fascia in and beyond cell met by an oblique streak from apex; the veins with slight dark streaks. Hindwing nearly pure white; the under side with the costal area tinged with pale brown.

Hab. **Natal,** Mooi River. *Exp.* 38 mill. Type in B.M.

(2*a*) EUBLEMMA TRUNCATA, n. sp.

♂. Forewing with glandular swelling on costa, the apex truncate and the termen obtusely angled at vein 4.

Head and tegulæ white; thorax ochreous white; abdomen brown with white segmental lines, ventrally white irrorated with black. Forewing ochreous brown; indistinct short subbasal and waved antemedial lines with black points at costa; an oblique blackish line from middle of costa to lower angle of cell, then brown and nearly erect; a sinuous postmedial line, oblique from costa to vein 4 where it is sharply angled, then inwardly oblique and incurved between veins 3 and 1, some pink and white on inner side of its costal half; apical area darker brown irrorated with pink and with white points on costa, a white and black subterminal line on costal half with a small white spot on its inner side above vein 6 and black patch below it; a subterminal series of slight fuscous lunules on inner half; termen pink. Hindwing pale brownish, the terminal area tinged with fuscous; cilia of both wings white irrorated with fuscous. Under side whitish; forewing with the disk suffused with fuscous, a curved postmedial line, the apical area rufous with white line on it; hindwing irrorated with fuscous, a minutely dentate postmedial line.

Hab. **Natal,** Durban (Leigh). *Exp.* 18 mill. Type in B.M.

(3) EUBLEMMA RAGUSANA, Frr. Neu. Beitr. Schmett. v. p. 92 (1844).
,, *virginea*, Guen. Noct. ii. p. 248 (1852).

Hab. **Europe,** Dalmatia; **West Africa,** Nigeria, Gold Coast; **British East Africa,** Kikuyu; **Mashonaland** (Dobbie); **Natal,** Tugela River (Reynolds); **Asia Minor**; **Syria**; **India**; **Andamans**; **Java**; **New Guinea**; **Australia.** *Exp.* 22 mill.

(17*a*) Eublemma ecrufa, n. sp.

♀. Head and thorax whitish mixed with grey and slightly tinged with ochreous; abdomen ochreous white. Forewing whitish thickly irrorated with fuscous grey; an indistinct oblique dark medial line from cell to vein 1 defined by white on inner side; a slightly oblique sinuous postmedial line defined by white on outer side and almost obsolete except in submedian interspace; subterminal line whitish, oblique, minutely waved, incurved in submedian interspace, defined on inner side by a broad fuscous shade, the area beyond it suffused with rufous; a terminal punctiform black line. Hindwing pale ochreous with some fuscous irroration especially on apical area.

Hab. **Cape Colony,** Deelfontein (Colonel Sloggett). *Exp.* 18 mill. Type in B.M.

HYPENINÆ.

(2) Alelimma grisea, n. sp.

♂. Antennæ simple; forelegs normal.

Grey tinged with fuscous. Forewing with indistinct antemedial line angled in submedian fold; a slight discoidal bar; the postmedial line indistinct, angled at vein 4, then strongly incurved; an indistinct terminal series of dark points.

Hab. **Basutoland,** Machacha, 10,000 ft. (Crawshay). *Exp.* 20 mill. Type in B.M.

1905. "The moths of South Africa. Part III." *Annals of the South African Museum. Annale van die Suid-Afrikaanse Museum* 3, 389–438.

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