

5. A Classification of the PYRALIDÆ, subfamily HYPOTROPINÆ. By Sir GEORGE HAMPSON, Bart., F.Z.S.

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Proboscis aborted or absent; palpi upturned, oblique or down-curved, the males of the species with the maxillary palpi brush-like and contained in a hollow of the labial palpi usually having the palpi oblique in the male and downcurved in the female; maxillary palpi small and filiform, well developed and more or less dilated with scales at extremity, or brush-like and contained in a hollow of the labial palpi; frons smooth, with tuft of hair, or prominences of various forms; antennæ of male ciliated, laminate, serrate or pectinate with uniseriate branches, the basal joint often dilated and the shaft often downcurved at base with a ridge of scales in its sinus; the build slender; tibiæ with all the spurs present; abdomen smoothly scaled. Fore wing narrow; vein 1 *a* separate from 1 *b*; 1 *c* absent; veins 2, 3 rarely stalked; vein 4 often absent or stalked with 5, 3 and 5 stalked or from the cell; 6 from below upper angle; 7 absent; 8, 9 and often 10 stalked or 9 absent, rarely 10 also absent, 8 given off before or after 10; 11 from cell. Hind wing with the median nervure pectinated on upper side; veins 1 *a*, *b*, *c* present; 2 from near or well before angle of cell; veins 3 and 4 sometimes absent, or 3 and 5 stalked or from the cell, 4 often absent, or 3, 4, 5 all present, 4 stalked with 5 or from cell; 6, 7 stalked or from upper angle of cell; 8 anastomosing with 7 or approximated to it but free.

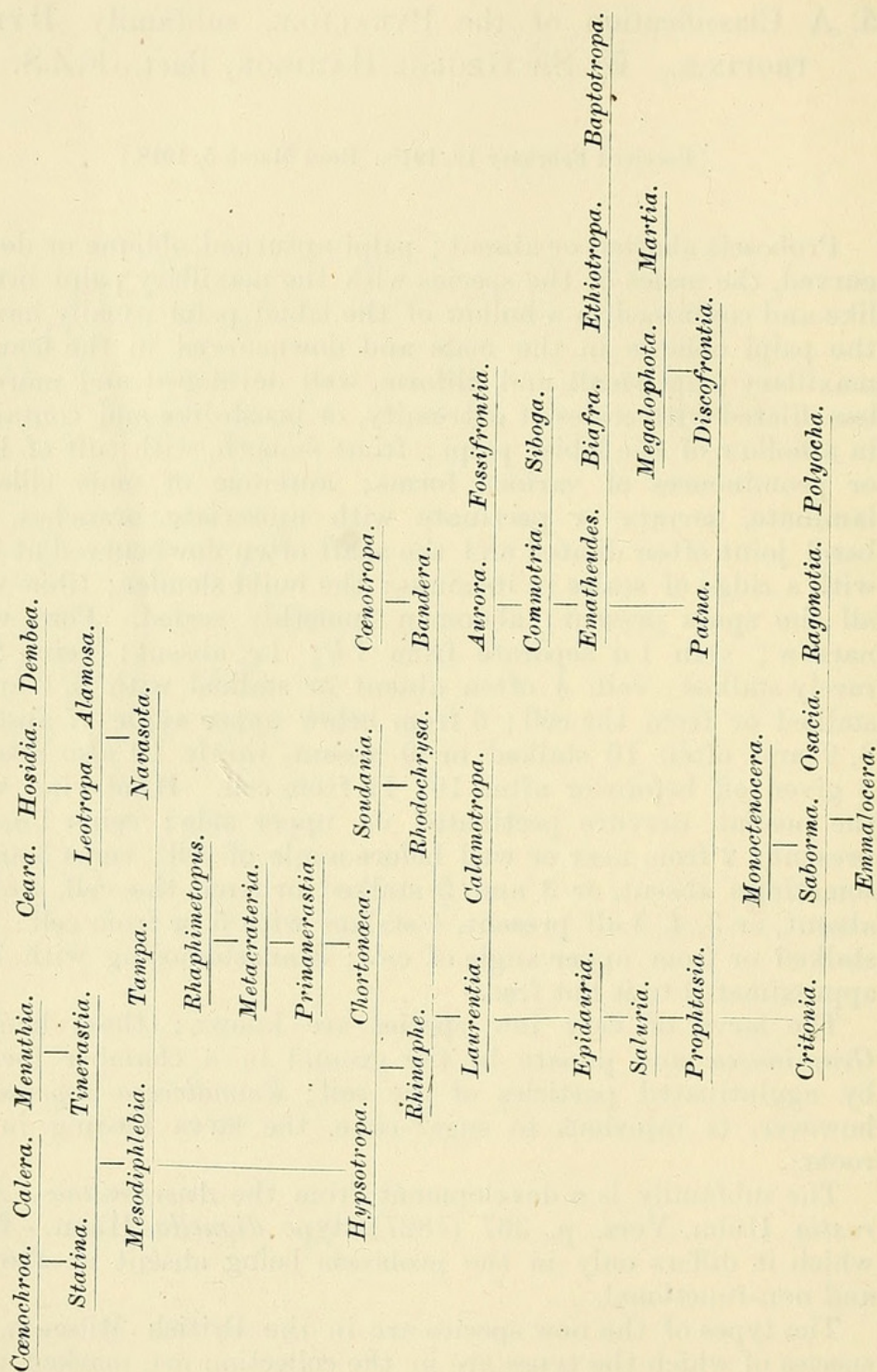
The larvæ of very few species are known; these live on *Graminaceæ* and pupate in the ground in a chamber formed by agglutinated particles of the soil; *Emmalocera depressella*, however, is injurious to sugar-cane, the larva feeding in its roots.

The subfamily is a development from the *Anerastianæ*—*Anerastia* Hübn. Verz. p. 367 (1827), type *dignella* Hübn.—from which it differs only in the proboscis being absent or aborted and non-functional.

The types of the new species are in the British Museum, the species of which the types are in the collection are marked with a †, and those not in the collection with a *.

No quotations from German authors published since Aug. 1st, 1914 are inserted. “*Hostes humani generis.*”

PHYLOGENY OF THE HYPSTROPINÆ.



Key to the Genera.

- A. Hind wing with veins 3 and 4 absent.
- a. Fore wing with vein 8 from 9 before 10, 3 and 5 stalked *Cœnochroma*, [p. 58.]
 - b. Fore wing with vein 8 from 9 after 10.
 - a¹. Fore wing with veins 3 and 5 stalked.
 - a². Palpi upturned *Menuthia*, p. 60.
 - b². Palpi oblique, straight *Calera*, p. 59.
 - c². Palpi downcurved *Statina*, p. 59.
 - b¹. Fore wing with veins 3 and 5 from the cell.
 - a². Palpi upturned *Tinerastia*, p. 61.
 - b². Palpi porrect.
 - a³. Fore wing with vein 9 absent, 11 stalked with 8 and 10 *Cœnotropa*, p. 89.
 - b³. Fore wing with vein 9 present, 11 from cell *Mesodiphlebia*, [p. 61.]
 - c. Fore wing with vein 10 from the cell *Calamotropa*, [p. 91.]
- B. Hind wing with vein 3 present, 4 absent.
- a. Fore wing with vein 4 absent.
 - a¹. Fore wing with veins 9 and 10 absent, 8 from cell, 3 and 5 from cell *Tampa*, p. 62.
 - b¹. Fore wing with vein 9 absent, 10 from cell, 3 and 5 from cell *Bandera*, p. 89.
 - c¹. Fore wing with vein 8 from 9 before 10, 3 and 5 stalked... *Hosidia*, p. 63.
 - d¹. Fore wing with vein 8 from 9 after 10.
 - a². Fore wing with veins 3 and 5 stalked.
 - a³. Palpi upturned.
 - a⁴. Frons with rounded prominence *Dembea*, p. 64.
 - b⁴. Frons without prominence.
 - a⁵. Palpi reaching to above vertex of head, the 2nd joint slenderly scaled *Ceara*, p. 63.
 - b⁵. Palpi not reaching to above vertex of head, the 2nd joint broadly scaled *Leotropa*, p. 64.
 - b³. Palpi oblique or downcurved.
 - a⁴. Frons with corneous plate produced to two slight points in front *Alamosa*, p. 65.
 - b⁴. Frons without corneous plate *Navasota*, p. 65.
 - b². Fore wing with veins 3 and 5 from cell.
 - a³. Hind wing with veins 3 and 5 stalked *Hypsotropa*, [p. 67.]
 - b³. Hind wing with veins 3 and 5 from the cell.
 - a⁴. Palpi upturned *Sudania*, p. 88.
 - b⁴. Palpi downcurved *Rhodochrysa*, [p. 88.]
 - c¹. Fore wing with vein 10 from the cell, 8 and 9 stalked.
 - a². Hind wing with veins 3 and 5 stalked.
 - a³. Frons with flattened corneous plate, rather trifid in front and produced to short lateral points, a corneous plate below the frons [p. 78.]
 - b³. Frons with pointed conical prominence *Raphimetopus*, *Chortonæca*, [p. 80.]
 - c³. Frons with long truncate corneous process with raised rim at extremity *Metacrateria*, [p. 79.]
 - d³. Frons with rounded prominence with raised rim at extremity *Prinanerastia*, [p. 80.]
 - e³. Frons without prominence *Rhinaphe*, p. 82.
 - b². Hind wing with veins 3 and 5 from the cell.
 - a³. Hind wing with vein 8 anastomosing with 7 *Laurentia*, p. 90.
 - b³. Hind wing with vein 8 not anastomosing with 7 *Epidauria*, p. 91.
- b. Fore wing with vein 4 present.
 - a¹. Fore wing with vein 10 stalked with 8.
 - a². Fore wing with veins 4, 5 stalked or from a point.
 - a³. Hind wing with vein 2 from or from close to angle of cell.
 - a⁴. Frons with conical prominence *Fossifrontia*, [p. 107.]
 - b⁴. Frons without prominence.
 - a⁵. Frons with long pointed tuft of hair *Aurora*, p. 106.
 - b⁵. Frons without tuft of hair *Commotria*, [p. 107.]

(2) CÆNOCHROA INSPERGELLA.

Cænochroa inspergella Rag. N. Am. Phyc. p. 20 (1887); id. Rom. Mém. viii. p. 419, pl. 45. f. 10; Dyar, Cat. Lep. N. Am. p. 440.

U.S.A., Texas, Colorado, Arizona.

(3) *CÆNOCHROA CALIFORNIELLA.

Cænochroa californiella Rag. N. Am. Phyc. p. 20 (1887); id. Rom. Mém. viii. p. 420, pl. 45. f. 8; Dyar, Cat. Lep. N. Am. p. 441.

U.S.A., Colorado, California, Arizona; MEXICO, Presidio.

Auctorum.

Cænochroa monomacula Dyar, Pr. U.S. Nat. Mus. xlvii. p. 348 (1913) PANAMA.

Genus CALERA.

Calera Rag. Nouv. Gen. p. 50 (1888) ^{Type.} *punctilimbella*.

Proboscis aborted and minute; palpi downcurved, extending about twice the length of head and smoothly scaled; maxillary palpi minute and filiform; frons smooth; antennæ of male somewhat laminate and ciliated, the basal joint somewhat enlarged and flattened on outer side. Fore wing long and narrow, the apex rounded; vein 2 from near angle of cell; 3 and 5 strongly stalked, 4 absent; 6 from below upper angle; 8, 9, 10 stalked, 8 from beyond 10; 11 from cell. Hind wing with vein 2 from close to angle of cell; 3 and 4 absent; 6, 7 stalked; 8 anastomosing strongly with 7.

CALERA PUNCTILIMBELLA.

Calera punctilimbella Rag. Nouv. Gen. p. 50 (1888); id. Rom. Mém. viii. p. 417, pl. 40. f. 20; Dyar, Cat. Lep. N. Am. p. 441.

U.S.A., N. Carolina, Iowa, Texas.

Genus STATINA.

Statina Rag. N. Am. Phyc. p. 19 (1887) ^{Type.} *roseotinctella*.

Proboscis aborted and minute; palpi downcurved, extending about two and a half times length of head and rather roughly scaled; maxillary palpi minute, filiform; frons with tuft of scales; antennæ of male laminate and ciliated, the shaft thickened with scales above at base, the basal joint long, dilated and flattened. Fore wing long and narrow, the apex rounded; vein 2 from near angle of cell; 3 and 5 strongly stalked, 4 absent; 6 from below upper angle; 8, 9, 10 stalked, 8 from beyond 10, 11 from cell. Hind wing with vein 2 from close to

angle of cell; 3 and 4 absent; 6, 7 from upper angle; 8 anastomosing strongly with 7.

(1) *STATINA GAUDIELLA.

Statina gaudiella Hulst, Trans. Am. Ent. Soc. xvii. p. 216 (1890); Rag. Rom. Mém. viii. p. 415, pl. 51. f. 5; Dyar, Cat. Lep. N. Am. p. 440.

U.S.A., Texas.

(2) STATINA ROSEOTINCTELLA.

Statina roseotinctella Rag. N. Am. Phyc. p. 19 (1887); id. Rom. Mém. viii. p. 416, pl. 47. f. 7; Dyar, Cat. Lep. N. Am. p. 440.

U.S.A., Florida, Texas.

(3) †STATINA PUNCTILINEELLA.

Statina punctilineella Hmps. Rom. Mém. viii. p. 416, pl. 52. f. 13 (1901).

S. BRAZIL.

(4) †STATINA BIFASCIELLA.

Statina bifasciella Hmps. Rom. Mém. viii. p. 416, pl. 52. f. 8 (1901).

U.S.A., Texas.

(5) STATINA RHODOBAPHELLA.

Statina rhodobaphella Rag. Nouv. Gen. p. 50 (1888); id. Rom. Mém. viii. p. 417, pl. 45. f. 6.

CELEBES, Sangir I.; N. GUINEA; QUEENSLAND.

(6) †STATINA ROSINELLA, sp. n.

♀. Head and thorax purplish pink; abdomen whitish suffused with red-brown, dorsally fulvous towards base; antennæ, pectus, and legs whitish tinged with red-brown. Fore wing purplish pink, the veins streaked with white; a brown shade below basal half of cell. Hind wing ochreous white.

N. NIGERIA, Minna (*Macfie*), 1 ♀ type. Exp. 16 mm.

(7) †STATINA CASHMIRALIS.

Statina cashmiralis Hmps. J. Bomb. Nat. Hist. Soc. xv. p. 20 (1901).

KASHMIR.

Genus MENUTHIA.

Menuthia Rag. Nouv. Gen. p. 50 (1888) Type. *nanella*.

Proboscis absent; palpi upturned to far above vertex of head, slender and smoothly scaled; maxillary palpi filiform; frons

smooth; antennæ of female almost simple. Fore wing long and narrow, the apex rounded; vein 2 from angle of cell; 3 and 5 stalked, 4 absent; 6 from below upper angle; 8, 9, 10 stalked, 8 from beyond 10; 11 from cell. Hind wing with the cell short; veins 2 and 5 stalked, 3 and 4 absent; 6, 7 from upper angle; 8 strongly anastomosing with 7.

**MENUTHIA NANELLA*.

Menuthia nanella Rag. Nouv. Gen. p. 50 (1888); id. Rom. Mém. viii. p. 418, pl. 40. f. 22.

ZANZIBAR.

Genus *TINERASTIA*.

Tinerastia Hmps. Rom. Mém. viii. p. 414 (1901)... *fissirella*.
Type.

Proboscis absent; palpi upturned to rather above vertex of head and nearly smoothly scaled; maxillary palpi minute and filiform; frons with rounded prominence; antennæ of male laminate and ciliated, the basal joint rather long. Fore wing rather long and narrow, the apex rounded; vein 2 from towards angle of cell; 3 and 5 from angle, 4 absent; 6 from below upper angle; 8, 9, 10 stalked, 8 from beyond 10; 11 from cell. Hind wing with veins 2 and 5 from angle of cell, 3 and 4 absent; 6, 7 stalked; 8 anastomosing strongly with 7.

(1) †*TINERASTIA DISCIPUNCTELLA*.

Menuthia discipunctella Hmps. Moths Ind. iv. p. 52 (1896); id. Rom. Mém. viii. p. 414, pl. 52. f. 10.

CEYLON.

(2) †*TINERASTIA FISSIRELLA*.

Menuthia fissirella Hmps. Moths Ind. iv. p. 52 (1896); id. Rom. Mém. viii. p. 414, pl. 52. f. 9.

CEYLON.

Genus *MESODIPHLEBIA*.

Mesodiphlebia Zell. Hor. Soc. Ent. Ross. xvi.
p. 251 *crassivenia*.
Type.

Proboscis absent; palpi porrect, about twice the length of head, almost straight and thickly scaled; maxillary palpi well developed and slightly dilated with scales; frons with conical tuft of hair; antennæ of male laminate and ciliated, the shaft somewhat curved at base and thickened with scales in the sinus, the basal joint rather elongate and flattened. Fore wing long and narrow, the apex rounded; vein 2 from near angle of cell; 3 and 5 separate, 4 absent; 8, 9, 10 stalked, 8 from beyond 10; 11 from cell. Hind wing with veins 2 and 5 from angle of cell; 3 and 4 absent; 6, 7 from upper angle; 8 anastomosing strongly with 7.

(1) *MESODIPHLEBIA DELIQUELLA.

Anerastia deliquella Zell. Isis, 1848, p. 861; Rag. Rom. Mém. viii. p. 413, pl. 45. f. 5.

Anerastia trinotella Berg, An. Soc. Arg. 1885, p. 275.

ARGENTINA.

(2) †MESODIPHLEBIA CRASSIVENIA.

Anerastia crassivenia Zell. Hor. Soc. Ent. Ross. xvi. p. 251, pl. xii. f. 52 (1881); Rag. Rom. Mém. viii. p. 415, pl. 40. f. 16.

COLOMBIA.

(3) MESODIPHLEBIA STRICTICOSTELLA.

Mesodiphlebia stricticostella Rag. Ann. Soc. Ent. Fr. 1887, p. 260; id. Rom. Mém. viii. p. 413, pl. 40. f. 15.

N. NIGERIA; SUDAN.

(4) †MESODIPHLEBIA ROSELLA.

Calera rosella Hmpsn. Moths Ind. iv. p. 53 (1896); id. Rom. Mém. viii. p. 412, pl. 52. f. 7.

MADRAS, Nilgiris.

(5) †MESODIPHLEBIA OCHRACEELLA, sp. n.

♀. Head and thorax brownish ochreous; pectus, legs, and abdomen white suffused with brownish ochreous. Fore wing uniform brownish ochreous. Hind wing white with a faint ochreous tinge.

ARGENTINA, Corrientes, Goya (*Perrens*), 1 ♀ type. *Exp.* 20 mm.

Auctorum.

Calera albicostella Grossbeck, Bull. Am. Mus. Nat. Hist. xxxvii. p. 134 (1917) U.S.A., Florida.

Genus TAMPA.

Tampa Rag. N. Am. Phyc. p. 19 (1887) ^{Type.} *dimediatella*.

Proboscis aborted and small; palpi obliquely upturned to well above vertex of head and thickly scaled; maxillary palpi well developed and dilated with scales; frons smooth; antennæ of male ciliated. Fore wing long and narrow; the costa highly arched, the apex rounded, the termen very oblique; vein 2 from close to angle of cell; 3 and 5 separate, 4 absent; 6 from below upper angle; 9 and 10 absent; 11 from close to 8. Hind wing with vein 2 from near angle of cell; 3 and 5 strongly stalked, 4 absent; 6, 7 from upper angle; 8 anastomosing with 7 to near apex.

TAMPA DIMEDIATELLA.

Tampa dimediatella Rag. N. Am. Phyc. p. 20 (1887); id. Rom. Mém. viii. p. 411, pl. 45. f. 4; Dyar, Cat. Lep. N. Am. p. 440.

U.S.A., Florida, Texas.

Genus CEARA.

Ceara Rag. Nouv. Gen. p. 45 (1888) Type. *discinotella*.

Proboscis absent; palpi upturned to rather above vertex of head and moderately scaled; maxillary palpi small and filiform; frons smooth, with large conical tuft of scales; antennæ of male laminate and ciliated, the shaft with small tuft of scales above at base. Fore wing narrow, the apex rounded; vein 2 from angle of cell; 3 and 5 stalked, 4 absent; 6 from below upper angle; 8, 9, 10 stalked, 8 from beyond 10; 11 from cell. Hind wing with vein 2 from near angle of cell; 3 and 5 strongly stalked, 4 absent; 6, 7 stalked; 8 strongly anastomosing with 7.

(1) *CEARA DISCINOTELLA.

Ceara discinotella Rag. Nouv. Gen. p. 45 (1888); id. Rom. Mém. viii. p. 368, pl. 39. f. 3.

S. BRAZIL.

(2) †CEARA ALBIFASCIATA, sp. n.

♂. Head white; thorax white tinged with reddish brown; abdomen white tinged with brown and dorsally with fulvous yellow towards base; pectus and legs white tinged with brown. Fore wing with white costal fascia narrowing to a point before apex and with vein 12 defined above and below by grey-brown, the area below it to just below the cell and vein 2 white suffused with grey-brown, leaving the veins streaked with white; the inner area pale pink with a white streak on vein 1. Hind wing white, tinged with brown except on inner area.

BR. E. AFRICA, Eb Urru (*Betton*), 1 ♂ type. *Exp.* 26 mm.

Genus HOSIDIA.

Hosidia Hmps. Rom. Mém. viii. p. 408 (1901). Type. *ochrineurella*.

Proboscis absent; palpi downcurved, extending about one and a half times length of head and roughly scaled; maxillary palpi minute and filiform; frons smooth, with conical tuft of hair; antennæ of male ciliated, the shaft with sinus and tuft of scales at base. Fore wing narrow, the apex rounded; vein 2 from close to angle of cell; 3 and 4 stalked, 5 absent; 6 from below upper angle; 8, 9, 10 stalked, 8 from before 10; 11 from cell. Hind wing with vein 2 from close to angle of cell; 3 and 5 strongly stalked, 4 absent; 6, 7 stalked; 8 anastomosing strongly with 7.

*HOSIDIA OCHRINEURELLA.

Hosidia ochrineurella Hmpsn. Rom. Mém. viii. p. 409, pl. 45. f. 1 (1901).

NATAL.

Genus DEMBEA.

Dembea Rag. Nouv. Gen. p. 45 (1888) ^{Type.} *venulosella*,

Proboscis aborted and minute; palpi upturned to about vertex of head and thickly scaled; maxillary palpi minute and slightly dilated with scales; frons with large rounded prominence thickly clothed with scales; antennæ of male laminate and ciliated, the shaft with ridge of scales at base. Fore wing narrow, the apex rounded; vein 2 from towards angle of cell; 3 and 5 shortly stalked, 4 absent; 6 from below upper angle; 8, 9, 10 stalked, 8 from beyond 10; 11 from cell. Hind wing with vein 2 from angle of cell; 3 and 5 stalked, 4 absent; 6, 7 stalked; 8 anastomosing strongly with 7.

†DEMBEA VENULOSELLA.

Dembea venulosella Rag. Nouv. Gen. p. 45 (1888); id. Rom. Mém. viii. p. 368, pl. 44. f. 19.

N. NIGERIA; ABYSSINIA; BR. C. AFRICA.

Genus LEOTROPA, nov.

Type, *L. phœnicias*.

Proboscis absent; palpi obliquely upturned to about vertex of head and moderately scaled; maxillary palpi minute and filiform; frons smooth, rounded; antennæ of male laminate and ciliated, with a sinus at base containing a double ridge of scales. Fore wing narrow, the apex rounded; vein 2 from towards angle of cell; 3 and 5 stalked, 4 absent; 6 from below upper angle; 8, 9, 10 stalked, 8 from beyond 10; 11 from cell. Hind wing with vein 2 from just before angle of cell; 3 and 5 very strongly stalked, 4 absent; 6, 7 stalked; 8 strongly anastomosing with 7.

(1) †LEOTROPA PHÆNICIAS, sp. n.

♂. Head and thorax purplish pink; abdomen pale brownish grey dorsally tinged with fulvous; antennæ brownish; pectus, legs, and ventral surface of abdomen, except towards extremity, brownish tinged with purplish pink. Fore wing purplish pink, the veins streaked with white; a dark brown fascia through upper part of cell to apex, the costal area towards apex white. Hind wing brownish white; a slight brown terminal line.

SIERRA LEONE (*Clements*), 1 ♂ type. *Exp.* 22 mm.

(2) †LEOTROPA SARCINA, sp. n.

♂. Head and thorax white mixed with ochreous brown; abdomen white, dorsally faintly tinged with fulvous towards

base; pectus and legs white suffused with brown. Fore wing white tinged with purplish pink, the veins streaked with white; the costal area white narrowing to a point at apex and with vein 12 defined on each side by brown, a brown shade below the costal area. Hind wing white with a faint ochreous brown tinge on costal area and in submedian interspace.

BR. E. AFRICA, Teita (*Jackson*), 1 ♂ type. *Exp.* 16 mm.

(3) †LEOTROPA PAPUANENSIS, sp. n.

♂. Head, thorax, and abdomen whitish suffused with reddish brown, the last dorsally tinged with fulvous towards base. Fore wing whitish irrorated with reddish brown, the costal area rather whiter, narrowing to a point at apex and with slight brown streak below it. Hind wing white slightly tinged with brown, the cilia white.

DUTCH N. GUINEA, Ron I. (*Doherty*), 1 ♂ type. *Exp.* 14 mm.

Genus ALAMOSA.

Alamosa Hmspn. Rom. Mém. viii. p. 369 (1901). Type.
piperatella.

Proboscis aborted and minute; palpi downcurved, extending about twice the length of head and thickly scaled; maxillary palpi minute and filiform; frons with flattened corneous plate produced to two slight points in front and thickly scaled above; antennæ of male laminate. Fore wing narrow, the apex rounded; vein 2 from towards angle of cell; 3 and 5 stalked, 4 absent; 6 from below upper angle; 8, 9, 10 stalked, 8 from beyond 10; 11 from cell. Hind wing with vein 2 from just before angle of cell; 3 and 5 strongly stalked, 4 absent; 6, 7 from upper angle; 8 strongly anastomosing with 7.

(1) ALAMOSA PIPERATELLA.

Alamosa piperatella Hmspn. Rom. Mém. viii. p. 369, pl. 51. f. 25 (1901).

U.S.A., Colorado, New Mexico.

(2) *ALAMOSA BIPUNCTELLA.

Alamosa bipunctella Barnes & McD. Contr. Nat. Hist. Lep. N. Am. ii. 4, p. 184, pl. 1. f. 7 (1913).

U.S.A., Florida.

Genus NAVASOTA.

Navasota Rag. N. Am. Phyc. p. 18 (1887) Type.
hebetella.

Proboscis aborted and minute; palpi extending about the length of head and moderately scaled, the 2nd joint oblique, the 3rd porrect; maxillary palpi minute and filiform; frons smooth with conical tuft of hair; antennæ of male laminate and ciliated,

the shaft with sinus at base containing a ridge of scales. Fore wing narrow, the apex rounded; vein 2 from towards angle of cell; 3 and 5 stalked, 4 absent; 5 from below upper angle; 8, 9, 10 stalked, 8 from beyond 10; 11 from cell. Hind wing with vein 2 from close to angle of cell; 3 and 5 strongly stalked, 4 absent; 6, 7 stalked; 8 anastomosing with 7.

(1) **NAVASOTA HEBETELLA*.

Navasota hebetella Rag. N. Am. Phyc. p. 18 (1887); id. Rom. Mém. viii. p. 369, pl. 39. f. 5; Dyar, Cat. Lep. N. Am. p. 439. U.S.A., Texas.

(2) †*NAVASOTA PERSECTELLA*, sp. n.

♀. Head and thorax purplish red; abdomen white, dorsally suffused with fulvous yellow towards base; pectus and legs white tinged with rufous. Fore wing purplish pink; the costal area creamy white, narrowing to a point at apex, vein 12 defined by the costa above it being purplish red and by a fine streak below, the costal area defined by a red-brown fascia below; veins 4, 3, and 1 slightly streaked with white. Hind wing white slightly tinged with ochreous brown.

TIMOR, Dili (*Doherty*), 1 ♀ type. *Exp.* 16 mm.

(3) †*NAVASOTA HÆMAPHÆELLA*, sp. n.

♀. Head and thorax dusky crimson; abdomen fuscous, the base of dorsal area fulvous. Fore wing dusky crimson with a slightly defined rather paler costal fascia attenuated to a point before apex; a very slight irroration of black scales and traces of a terminal series of points. Hind wing ochreous tinged with pale fuscous.

LOUISIADES, St. Aignan I. (*Meek*), 1 ♀ type. *Exp.* 24 mm.

(4) †*NAVASOTA LEUCONEURELLA*, sp. n.

♂. Head and thorax dusky crimson; abdomen ochreous white. Fore wing crimson; the veins streaked with white, the subcostal and median nervures strongly so and the former defined on lower side by brown suffusion from base to apex. Hind wing yellowish white, the costal area tinged with fuscous.

UGANDA, Kampala (*Ansorge*); TRANSVAAL, White R. (*Cooke*), 1 ♂; NATAL, Estcourt (*Hutchinson*), 1 ♂ type; CAPE COLONY, Transkei (*Miss F. Barrett*), 1 ♂. *Exp.* 24 mm.

(5) †*NAVASOTA CHIONOPHLEBIA*, sp. n.

Head and thorax purplish red mixed with some ochreous white; abdomen rufous, dorsally fulvous yellow on basal half; pectus and legs whitish suffused with rufous. Fore wing purplish pink, the veins strongly streaked with white. Hind wing white tinged with rufous.

S. NIGERIA, Yorubaland, Ogbomoso (*Sir G. Carter*), 1 ♀;
N. NIGERIA, Zungeru (*Simpson, Macfie*), 2 ♀, Minna (*Macfie*),
1 ♂, 1 ♀ type. *Exp.* 16–22 mm.

(6) †NAVASOTA SYRIGGIA, sp. n.

♀. Head and thorax rufous tinged with purplish pink, the metathorax ochreous white; abdomen fulvous yellow; pectus and legs white, the latter tinged with purplish rufous. Fore wing pale purplish pink, the veins slightly streaked with white. Hind wing white with a faint ochreous tinge.

ARGENTINA, Tucuman, Los Vasquez (*Dinelly*), 1 ♀ type. *Exp.* 24 mm.

(7) NAVASOTA DISCIPUNCTELLA, sp. n.

♀. Head, thorax, and abdomen white mixed with brown, the last faintly tinged with fulvous yellow towards base of dorsum. Fore wing white irrorated with fuscous brown and some pale purplish-pink scales; a black discoidal point; a slight blackish postmedial shade from vein 2 to inner margin.

N. NIGERIA, Minna (*Macfie*), 1 ♀ type. *Exp.* 20 mm.

Auctorum.

Navasota myriolecta Dyar, Pr. U.S. Nat. Mus. xlvii. p. 347
(1913) PANAMA.

Genus HYPSTROPA.

	Type.
<i>Hypsotropa</i> Zell. Isis, 1848, p. 591	<i>limbella</i> .
<i>Heosphora</i> Meyr. P. Linn. Soc. N.S.W. vii. p. 158 (1882)	<i>psamathella</i> .
<i>Seleucia</i> Rag. Ann. Soc. Ent. Fr. 1887, p. 259.	<i>semitrosella</i> .
<i>Peoria</i> Rag. N. Am. Phyc. p. 19 (1887)	<i>approximella</i> .
<i>Ambala</i> Rag. Nouv. Gen. p. 45 (1888)	<i>fuscotrigella</i> .
<i>Lymira</i> Rag. Nouv. Gen. p. 46 (1888)	<i>semitrosella</i> .
<i>Tiarra</i> Rag. Nouv. Gen. p. 46 (1888)	<i>pusillella</i> .
<i>Socora</i> Rag. Nouv. Gen. p. 46 (1888)	<i>tenuicostella</i> .
<i>Talamba</i> Rag. Nouv. Gen. p. 47 (1888)	<i>tenuinervella</i> .
<i>Wekiva</i> Hulst, Trans. Am. Ent. Soc. xvii. p. 215 (1890)	<i>luteicostella</i> .
<i>Tinitinoa</i> Dyar, Pr. U.S. Nat. Mus. xlvii. p. 347 (1913)	<i>phyrdes</i> .

Proboscis aborted and minute; palpi typically obliquely upturned to far above vertex of head, the 2nd joint fringed with scales in front; maxillary palpi slightly dilated with scales; frons smooth, with tuft of scales; antennæ of male typically somewhat laminate and ciliated, the shaft slightly curved at base. Fore wing narrow, the apex rounded; vein 2 from towards angle of cell; 3 and 5 separate, 4 absent; 6 from below upper angle; 8, 9, 10 stalked, 8 from beyond 10; 11 from cell. Hind

wing with vein 2 from just before angle of cell; 3 and 5 strongly stalked, 4 absent; 6, 7 shortly stalked; 8 strongly anastomosing with 7.

SECT. I. Palpi of male upturned.

A. Palpi of male hollowed out to contain the brush-like maxillary palpi; the antennæ with sinus and ridge of scales at base of shaft.

a. (*Ambala*). Antennæ of male with rather long uniseriate branches, the apex ciliated.

(1) **HYPSTOTROPA CONTRASTELLA*.

Ambala contrastella Rag. Nouv. Gen. p. 45 (1888); id. Rom. Mém. viii. p. 370, pl. 38. f. 11.

NATAL.

(2) *HYPSTOTROPA FUSCOSTRIGELLA*.

Ambala fuscotrigella Rag. Nouv. Gen. p. 45 (1888); id. Rom. Mém. viii. p. 371, pl. 38. f. 10.

PUNJAB.

(3) *HYPSTOTROPA SUBCOSTELLA*, sp. n.

Head and thorax white, the tegulæ and patagia suffused with red-brown; antennæ red-brown; palpi irrorated with red-brown; abdomen white, usually irrorated with brown and dorsally suffused with fulvous yellow towards base; legs irrorated with brown. Fore wing white with a faint pink tinge, and strongly irrorated with brown; an ochreous-brown fascia through the cell from base to apex, extending to just below the cell. Hind wing white with a faint ochreous tinge.

N. NIGERIA, Zungeru (*Macfie, Simpson*), 1 ♂, 2 ♀ type; BR. E. AFRICA, N. Kavirondo, Maramas Distr., Ilala (*Neave*), 2 ♂. *Exp.* 20–28 mm.

(4) *HYPSTOTROPA PERVITTELLA*, sp. n.

Head and thorax white mixed with red-brown; abdomen white tinged with red-brown and dorsally suffused with fulvous yellow towards base. Fore wing white thickly irrorated with red-brown; a red-brown fascia through the cell from base to apex, the veins below it streaked with white. Hind wing white with the costa tinged with brown towards apex.

PUNJAB, Ajmere, 1 ♂; BOMBAY, Deesa (*Nurse*), 1 ♂, 1 ♀ type. *Exp.* 20 mm.

b. Antennæ of male with uniseriate branches below the sinus only, then serrate.

(5) *HYPSTOTROPA HETEROCERELLA*.

Hypsotropa heterocerella Hmps. Moths Ind. iv. p. 54 (1896); id. Rom. Mém. viii. p. 371, pl. 52. f. 1.

KASHMIR; PUNJAB.

c. Antennæ of male somewhat laminate and ciliated to base.

(6) *HYPSTROPA OCHRACEELLA*, sp. n.

♂. Head and thorax brownish ochreous mixed with some white; abdomen ochreous white, dorsally tinged with fulvous yellow towards base. Fore wing brownish ochreous; a dark brown fascia along median nervure; a diffused antemedial line from cell to inner margin; a diffused dark postmedial line tending to form streaks in the interspaces, oblique to vein 6, then inwardly oblique; a slight dark terminal line. Hind wing white tinged with ochreous brown and with a dark terminal line to submedian fold.

TIMOR, Oinainisa (*Doherty*), 1 ♂ type. *Exp.* 14 mm.

B. Maxillary palpi of male filiform.

a. Antennæ of male with sinus at base of shaft containing a ridge of scales.

a'. (*Socora*). Palpi of male with the 2nd joint obliquely upturned and thickly scaled, the third joint porrect.

(7) **HYPSTROPA TENUICOSTELLA*.

Socora tenuicostella Rag. Nouv. Gen. p. 46 (1888); id. Rom. Mém. viii. p. 374, pl. 39. f. 6.

GAMBIA.

b'. (*Lymira*). Palpi of male slender, the 3rd joint upturned.

(8) **HYPSTROPA SEMIROSELLA*.

Seleucia semiroSELLA Rag. Ann. Soc. Ent. Fr. 1887, p. 259; id. Rom. Mém. viii. p. 373, pl. 38. f. 9; Staud. Cat. Lep. pal. ii. p. 83.

SYRIA.

(9) *HYPSTROPA ILLECTALIS*.

Addyme illectalis Wlk. xxx. 959 (1864); Rag. Rom. Mém. viii. p. 373, pl. 38. f. 8.

Seleucia costatella Rag. Nouv. Gen. p. 46 (1888).

BORNEO; CELEBES.

(10) †*HYPSTROPA BISCRENSIS*, sp. n.

Head and thorax white tinged with red-brown; abdomen creamy white, dorsally suffused with ochreous brown towards base. Fore wing white tinged with ochreous except a white costal fascia narrowing to a point at apex, defined below by a red-brown fascia; the median nervure and veins 5, 3 slightly streaked with white. Hind wing creamy white.

ALGERIA, Biskra (*Walsingham*), 1 ♂, 2 ♀ type, Hammam-es-Salahin (*Walsingham*), 1 ♂. *Exp.* 22–28 mm.

(11) †*HYPSTROPA RHODOCHROELLA*, sp. n.

Head and thorax deep rose-red; abdomen ochreous yellow,

dorsally fulvous yellow towards base; antennæ fulvous yellow; pectus, legs, and ventral surface of abdomen ochreous yellow suffused with brown. Fore wing deep rose-red, the costa and veins strongly streaked with white, the interspaces of costal area tinged with brown. Hind wing ochreous white slightly tinged with brown.

Hab. UGANDA, Mulema (*Doggett*), 1 ♂, Ketoma (*Doggett*), 1 ♂; BR. C. AFRICA, Mt. Mlanje (*Neave*), 7 ♂, 3 ♀ type; TRANS-VAAL, White R. (*Cooke*), 1 ♂; NATAL, Estcourt (*Hutchinson*), 2 ♂. *Exp.* 20–28 mm.

(12) †*HYPSTROPA ALBIVENALIS*.

Ambala albivenalis Hmps. J. Bomb. Nat. Hist. Soc. xxi. p. 1250 (1912).

CEYLON.

b. Antennæ of male without sinus at base of shaft containing a ridge of scales.

a¹. (*Hypstropa*). Palpi long; antennæ of male with the shaft thickened at base.

(13) **HYPSTROPA LUTEICOSTELLA*.

Hypstropa luteicostella Rag. N. Am. Phyc. p. 19 (1887); id. Rom. Mém. viii. p. 376, pl. 39. f. 9; Dyar, Cat. Lep. N. Am. p. 439.

U.S.A., Florida.

(14) †*HYPSTROPA OCHRICOSTELLA*, sp. n.

♀. Head and tegulæ dark red-brown; thorax purplish red; abdomen fulvous yellow; pectus, legs, and ventral surface of abdomen red-brown. Fore wing deep purple-red; a pale ochreous yellow costal fascia narrowing to a point at apex, the costa tinged with purple-red and irrorated with a few dark scales to beyond middle, the costal fascia defined by diffused dark brown below. Hind wing reddish brown.

MASHONALAND (*Dobbie*), 1 ♀ type. *Exp.* 20 mm.

(15) †*HYPSTROPA CHIONORHABDA*, sp. n.

Head and thorax black-brown mixed with some purple-grey, especially on dorsum of thorax; antennæ whitish tinged with red-brown; abdomen pale reddish brown with darker segmental lines; pectus, legs, and ventral surface of abdomen grey suffused with blackish, the tibiæ and tarsi in front white. Fore wing purplish grey irrorated with black-brown; a silvery white costal fascia narrowing to a point at apex and leaving the costal edge black towards base, defined below by a broad black-brown fascia with diffused lower edge. Hind wing grey suffused with reddish brown and with darker terminal line.

S. NIGERIA, Yorubaland (*Sir G. Carter*), 1 ♂, 1 ♀; N. NIGERIA, Zungeru (*Macfie*), 1 ♂; UGANDA, Gondokoro (*Reymes-Cole*), 1 ♂, Ketoma (*Doggett*), 2 ♂; BR. C. AFRICA, Mt. Mlanje

(*Neave*), 5 ♂, 3 ♀, Luchunya R. (*Neave*), 6 ♂, 2 ♀ type, Ruo Valley (*Neave*), 1 ♂. *Exp.* 16–24 mm.

(16) *HYPSTROPA INFUMATELLA*.

Hypsotropa infumatella Hmps. Rom. Mém. viii. p. 377, pl. 39. f. 8 (1901).

TRANSVAAL; NATAL.

(17) **HYPSTROPA UNIPUNCTELLA*.

Hypsotropa unipunctella Rag. Nouv. Gen. p. 47 (1888); id. Rom. Mém. viii. p. 377, pl. 38. f. 12; Staud. Cat. Lep. pal. ii. p. 12. E. SIBERIA, Amurland.

(18) †*HYPSTROPA FUSIFASCIATA*, sp. n.

♀. Head and thorax whitish suffused with red-brown; abdomen fulvous yellow, the ventral surface white tinged with red-brown. Fore wing whitish tinged with red-brown and irrorated with blackish; a white costal fascia irrorated with blackish, rather diffused below, the costal edge blackish towards base; a black discoidal point; the terminal area suffused with blackish except at costa; cilia with a blackish line near base. Hind wing whitish strongly suffused with brown; a fine dark terminal line and line near base of cilia.

CEYLON, Kandy (*Green*), 1 ♀ type. *Exp.* 18 mm.

(19) **HYPSTROPA ZOPHOPLEURA*.

Hypsotropa zophopleura Turner, Pr. R. Soc. Queensl. xviii. p. 117 (1903).

QUEENSLAND.

(20) †*HYPSTROPA PURPURELLA*, sp. n.

Head and thorax purple-pink; antennæ fulvous yellow; palpi tinged with fuscous; abdomen fulvous yellow; pectus, legs, and ventral surface of abdomen greyish suffused with fuscous, the claspers of male white. Fore wing purple-pink irrorated with black, the costa brownish; a black spot in the cell near base; antemedial spots in the cell and on vein 1; obliquely placed spots at upper and lower angles of cell; a subterminal series of four spots, the spot at discal fold further from termen; a terminal series of black points. Hind wing ochreous white; a terminal black line; cilia blackish at tips.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 9 ♂, 3 ♀ type. *Exp.*, ♂ 20, ♀ 22 mm.

(21) *HYPSTROPA LIMBELLA*.

Hypsotropa limbella Zell. Isis, 1848, p. 591; Herr.-Schäff. Eur. Schmett. iv. p. 110, Tin. f. 38; Rag. Rom. Mém. viii. p. 376; Staud. Cat. Lep. pal. ii. p. 12.

S. FRANCE; ITALY; DALMATIA; ASIA MINOR.

(22) *HYPOTROPA SYRIACELLA*.

Hypotropa syriacella Rag. Nouv. Gen. p. 46 (1888); id. Rom. Mém. viii. p. 377, pl. 39. f. 7; Staud. Cat. Lep. pal. ii. p. 12.

SYRIA.

(23) **HYPOTROPA SOLIPUNCTELLA*.

Hypotropa solipunctella Rag. Rom. Mém. viii. p. 377, pl. 43. f. 23 (1901).

JAPAN.

(24) **HYPOTROPA PAUCIPUNCTELLA*.

Hypotropa paucipunctella Rag. Bull. Soc. Ent. Fr. 1895, p. cii; id. Rom. Mém. viii. p. 378, pl. 51. f. 10; Staud. Cat. Lep. pal. ii. p. 13.

ASIA MINOR, Taurus.

(25) **HYPOTROPA ICHORELLA*.

Anerastia ichorella Led. Verh. zool.-bot. Ges. Wien, 1855, p. 221, pl. 3. f. 8; Rag. Rom. Mém. viii. p. 378, pl. 39. f. 10; Staud. Cat. Lep. pal. p. 13.

SYRIA.

(26) *HYPOTROPA VULNERATELLA*.

Epischnia vulneratella Zell. Isis, 1847, p. 769; Rag. Rom. Mém. viii. p. 378, pl. 39. f. 11; Staud. Cat. Lep. pal. ii. p. 13.

Anerastia ostrinella Lah. Bull. Soc. Vaud. vi. Contr. Faun. Sic. p. 396 (1861).

Hypotropa roseostrigella Rag. Rom. Mém. viii. p. 379, pl. 39. f. 12 (1901).

SARDINIA; SICILY; DALMATIA; SYRIA.

(27) †*HYPOTROPA SCELETELLA*.

Anerastia sceletella Zell. Stett. Ent. Zeit. 1867, p. 404; Hmps. Moths Ind. iv. p. 54; Rag. Rom. Mém. viii. p. 379, pl. 44. f. 22.

BENGAL, Calcutta.

(28) *HYPOTROPA VERTHEIMSTEINI*.

Hypotropa wertheimsteini Rebel, Rovart. Lep. xx. p. 171 (1913).

HUNGARY.

(29) †*HYPOTROPA PUNCTINERVELLA*, sp. n.

Head and thorax pale red mixed with whitish; abdomen creamy white, dorsally fulvous yellow towards base; palpi rufous, white below towards base: pectus and legs creamy white, the latter irrorated with some red-brown. Fore wing pale red slightly

irrorated with dark brown, the veins and costal edge white; a minute antemedial black spot on vein 1 and postmedial spots on veins 3, 2, 1; a terminal series of slight blackish points. Hind wing ochreous white.

CEYLON, Haputale (*Alston*), 1 ♂ type, Kegalle (*Alston*), 1 ♀, Hambantota (*Pole*), 1 ♀. *Exp.* 14-16 mm.

(30) *HYPSTROPA ADUMBRATELLA*.

Hypstropa adumbratella Rag. Nouv. Gen. p. 47 (1888); id. Rom. Mém. viii. p. 380, pl. 38. f. 13.

GAMBIA; NATAL; CAPE COLONY.

b. (*Tiarra*). Palpi short; antennæ of male with the shaft curved at base.

(31) **HYPSTROPA PUSILLELLA*.

Tiarra pusillella Rag. Nouv. Gen. p. 46 (1888); id. Rom. Mém. viii. p. 372, pl. 39. f. 4.

ZANZIBAR.

SECT. II. Palpi of male porrect.

A. (*Talamba*). Palpi of male hollowed out to receive the brush-like maxillary palpi; antennæ with sinus at base of shaft containing a ridge of scales.

(32) *HYPSTROPA TENUINERVELLA*.

Talamba tenuinervella Rag. Nouv. Gen. p. 47 (1888); id. Rom. Mém. viii. p. 387, pl. 40. f. 25; Hmps. Moths Ind. iv. p. 55.

PUNJAB, Kangra; MADRAS, Nilgiris.

B. Maxillary palpi filiform.

a. Antennæ of male with sinus at base of shaft containing a ridge of scales.

*a*¹. (*Tinitinoa*). Antennæ of male pectinate with long uniseriate branches to middle.

(33) **HYPSTROPA PHYRDES*.

Tinitinoa phyrdes Dyar, Pr. U.S. Nat. Mus. xlvii. p. 348 (1913).

PANAMA.

b. (*Heosphora*). Antennæ of male laminate.

(34) **HYPSTROPA PAPUASELLA*.

Heosphora papuasella Rag. Nouv. Gen. p. 47 (1888); id. Rom. Mém. xxiii. p. 382, pl. 39. f. 14.

N. GUINEA.

(35) **HYPSTROPA SABULETELLA*.

Anerastia sabulella Zell. Lep. Micr. Caffr. p. 73 (1852); Rag. Rom. Mém. viii. p. 383, pl. 39. f. 18.

CAPE COLONY.

(36) †*Hypsotropa cremoricosta*, sp. n.

♂. Head and thorax ochreous, the head and tegulæ suffused with purplish red; antennæ ochreous yellow; abdomen ochreous, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen purplish red. Fore wing pale flesh-red, deepening in colour towards the costal fascia which is ochreous white, narrowing to a point at apex, slightly defined by brown below and leaving the costal edge brown towards base. Hind wing ochreous white, the costal area and termen except towards tornus deeper ochreous.

U.S.A., Colorado, Colorado Springs (*Cockerell*), 1 ♂ type. *Exp.* 24 mm.

(37) †*Hypsotropa niveicosta*, sp. n.

♀. Head and thorax white suffused with rufous except on dorsum of thorax; abdomen ochreous white, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen white suffused with rufous. Fore wing pale flesh-red irrorated with a few red-brown scales and deepening to rufous towards the costal fascia, which is snow-white narrowing to a point at apex and leaving the costal edge rufous towards base. Hind wing white with a faint ochreous tinge.

ARGENTINA, Gran Chaco, Florenzia (*Wagner*), 1 ♀ type. *Exp.* 20 mm.

(38) †*Hypsotropa periphæa*, sp. n.

♀. Head and tegulæ white tinged with red-brown; thorax pale purplish pink; abdomen white dorsally tinged with fulvous yellow towards base; pectus, legs, and ventral surface of abdomen white tinged with red-brown. Fore wing pale purplish pink; a pure white costal fascia irrorated with a few brown scales towards costa, narrowing to a point at apex and defined below by dark red-brown, diffused below. Hind wing white with a faint ochreous tinge.

N. NIGERIA, Minna (*Macfie*), 2 ♀ type, Borgu, Yelwa Lake (*Migeod*), 1 ♀. *Exp.* 16 mm.

(39) †*Hypsotropa tripartalis*, sp. n.

♀. Head white suffused with rufous; thorax pale purplish pink; abdomen ochreous yellow; pectus and legs ochreous yellow, the fore legs tinged with brown. Fore wing with narrow pure white costal fascia leaving the costal edge brown towards base, the area to discal fold red-brown and the area below it bright purplish pink. Hind wing white with a faint ochreous tinge.

FORMOSA, Takow (*Wileman*), 1 ♀ type. *Exp.* 18 mm.

(40) †*Hypsotropa laterculella*.

Anerastia laterculella Zell. Stett. Ent. Zeit. 1867, p. 403;

Hmps. Moths Ind. iv. p. 55; Rag. Rom. Mém. viii. p. 383, pl. 44. f. 21.

BENGAL.

(41) †HYPSTROPA ROSESCENS, sp. n.

♂. Head and thorax purplish red-brown, the latter with the dorsum grey-brown; abdomen fulvous yellow; pectus, legs, and ventral surface of abdomen whitish tinged with brown. Fore wing pale grey-brown suffused with crimson-red, rather browner towards the costal fascia, which is white slightly irrorated with pale red and narrowing to apex. Hind wing white tinged with ochreous brown.

CEYLON, Nawalapitiya (*Green*), 1 ♂ type. *Exp.* 20 mm.

(42) *HYPSTROPA STEREOSTICHA.

Hypsotropa stereosticha Turner, Pr. R. Soc. Queensl. xix. p. 41 (1905).

QUEENSLAND, Thursday I.

(43) HYPSTROPA ICASMOPIS.

Hypsotropa icasmopis Turner, Pr. R. Soc. Queensl. xviii. p. 116 (1903).

QUEENSLAND.

(44) HYPSTROPA EURYZONA.

Hypsotropa euryzona Meyr. Ent. Mo. Mag. xix. p. 256 (1882); Rag. Rom. Mém. viii. p. 382, pl. 39. f. 13.

S. AUSTRALIA.

(45) HYPSTROPA NIPHOPLEURA.

Hypsotropa niphopleura Turner, Pr. R. Soc. Queensl. xxiv. p. 111 (1913).

N. AUSTRALIA.

(46) †HYPSTROPA DIAPHLEA, sp. n.

♀. Head and thorax black-brown, the frons and metathorax rufous; antennæ rufous; palpi black with a greyish gloss; abdomen grey suffused with brown; pectus, legs, and ventral surface of abdomen grey suffused with blackish. Fore wing whitish; the costal edge black with a flesh-red fascia below it to beyond middle, the area below the cell black with a whitish streak along vein 1. Hind wing whitish strongly suffused with fuscous brown, the cilia whiter with a dark line near base.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♀ type. *Exp.* 24 mm.

(47) HYPSTROPA DYSEIMATA.

Hypsotropa dyseimata Turner, Pr. R. Soc. Queensl. xxiv. p. 112 (1913).

TIMOR LAUT; N. AUSTRALIA.

(48) *HYPSTOTROPA QUADRIPUNCTELLA*.

Hypsotropa quadripunctella Hmps. J. Bomb. Nat. Hist. Soc. xii. p. 307 (1897); id. Rom. Mém. viii. p. 384, pl. 39. f. 16.

PUNJAB, Oude; BORNEO; PULO LAUT.

(49) *HYPSTOTROPA PSAMATHELLA*.

Anerastia psamathella Meyr. Proc. Linn. Soc. N.S.W. iv. p. 234 (1879); Rag. Rom. Mém. viii. p. 384, pl. 39. f. 15.

†*Anerastia nitens* Butl. Trans. Ent. Soc. 1886, p. 440.

QUEENSLAND; N. S. WALES.

(50) †*HYPSTOTROPA MONOSTIDZA*, sp. n.

♀. Head and thorax ochreous with a faint purplish pink tinge; abdomen ochreous with a fulvous yellow tinge; pectus, legs, and ventral surface of abdomen ochreous with a brownish tinge. Fore wing ochreous faintly tinged with purplish pink and irrorated with dark brown; a minute blackish discoidal spot. Hind wing white tinged with ochreous especially towards termen.

SIERRA LEONE (*Clements*), 1 ♀ type. *Exp.* 18 mm.

(51) †*HYPSTOTROPA GRAPTOPHLEBIA*, sp. n.

♂. Head and thorax white mixed with purplish red-brown; abdomen white slightly tinged with brown; pectus, legs, and ventral surface of abdomen white suffused with red-brown. Fore wing white suffused with purplish red-brown and slightly irrorated with dark brown, the veins white defined on each side by fine dark brown streaks. Hind wing white tinged with ochreous brown.

MASHONALAND, Salisbury (*Marshall*), 1 ♂ type. *Exp.* 20 mm.

(52) †*HYPSTOTROPA POLYACTINIA*.

Heosphora polyactinia Hmps. Rom. Mém. viii. p. 384, pl. 52. f. 2 (1901).

UGANDA; MASHONALAND; TRANSVAAL; NATAL.

(53) †*HYPSTOTROPA ENDORHODA*, sp. n.

♀. Head and thorax ochreous suffused with purplish pink; abdomen ochreous white, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen ochreous white suffused with red-brown. Fore wing with the costal half to median nervure and vein 5 ochreous, tinged with purplish pink towards costa and with slight pale streaks on the veins; the inner half purplish pink with slight white streaks on the veins. Hind wing white tinged with ochreous.

N. RHODESIA (*Coryndon*), 1 ♀ type. *Exp.* 24 mm.

(54) *HYPSTOTROPA RAMULOSELLA*.

Heosphora ramulosella Rag. Bull. Soc. Ent. Fr. 1895, p. cii; id.

Rom. Mém. viii. p. 385, pl. 52. f. 3; Staud. Cat. Lep. pal. ii. p. 12.

SYRIA.

(55) *HYPSTROPA LEUCOPHLEBIELLA*.

Heosphora leucophlebiella Rag. Nouv. Gen. p. 47 (1888); id. Rom. Mém. viii. p. 385, pl. 39. f. 17.

BR. C. AFRICA; MASHONALAND; TRANSVAAL; NATAL; CAPE COLONY.

(56) *HYPSTROPA RHODOSTICHA*.

Hypstrophia rhodosticha Turner, Pr. R. Soc. Queensl. xviii. p. 116 (1903).

QUEENSLAND.

b. (*Peoria*). Antennæ of male without sinus and ridge of scales at base of shaft

(57) †*HYPSTROPA POLYSTICTELLA*, sp. n.

♂. Head, thorax, and abdomen whitish suffused with rufous. Fore wing ochreous white suffused with rufous in the interspaces leaving the veins pale; the costal edge black towards base; a slight shade formed by black irroration below the costa to apex; a small antemedial black spot on vein 1, a small spot on lower discocellulars and an oblique postmedial series of four small spots on veins 5, 3, 2, 1; a terminal series of small black spots. Hind wing white tinged with ochreous; a fine fuscous terminal line and slight brown line near base of cilia.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 2 ♂ type. *Exp.* 20 mm.

(58) **HYPSTROPA ACNIDIAS*.

Hypstrophia acnidias Turner, Pr. R. Soc. Queensl. xviii. p. 117 (1903).

QUEENSLAND.

(59) †*HYPSTROPA APPROXIMELLA*.

Eurhodope approximella Wlk. xxxv. 1722 (1866); Rag. Rom. Mém. viii. p. 386, pl. 40. f. 24; Dyar, Cat. Lep. N. Am. p. 439.

Anerastia hæmatica Zell. Verh. zool.-bot. Ges. Wien, 1872, p. 555.

Anerastia roseatella Pack. Ann. N. Y. Lyc. Nat. Hist. x. p. 270 (1870).

U.S.A., Massachusetts, N. York, Pennsylvania, Ohio, Illinois, N. Carolina, Texas, Colorado.

(60) †*HYPSTROPA LEUCOCRASPIS*, sp. n.

♂. Head, thorax, and abdomen white suffused with ochreous brown. Fore wing pale ochreous brown, the costal edge white. Hind wing white tinged with ochreous brown especially on apical area.

ARGENTINA, Corrientes, Goya (*Perrens*), 1 ♂ type. *Exp.* 20 mm.

(61) **Hypsotropa bipartella*.

Peoria bipartella Rag. N. Am. Phyc. p. 19 (1887); id. Rom. Mém. viii. p. 386, pl. 40. f. 33; Dyar, Cat. Lep. N. Am. p. 439. U.S.A., N. Carolina.

Auctorum.

Peoria albidella Hulst, Can. Ent. xxxiii. p. 175 (1900); Dyar, Cat. Lep. N. Am. p. 439 U.S.A., California.

Hypsotropa laropis Turner, Pr. R. Soc. Queensl. xxiv. p. 173 (1913) Queensland.

„ *neurica* Turner, Pr. R. Soc. Queensl. xxiv. p. 113 (1913) N. Australia.

„ *castella* Pag. Zoologica, xxix. p. 163 (1900). Bismarck Arch.

Genus *RAPHIMETOPUS*, nov.

Type, *R. spinifrontella*.

Proboscis aborted and minute; palpi downcurved, extending about three times length of head and thickly scaled; maxillary palpi minute and filiform; frons with long flattened corneous plate, somewhat trifid in front and produced to short lateral processes, a corneous plate below the frons; antennæ of male laminate. Fore wing narrow, the apex rounded, the termen obliquely curved; vein 2 from close to angle of cell; 4 absent; 5 from above angle; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from just before angle of cell; 3 and 5 stalked, 4 absent; 6, 7 shortly stalked; 8 closely approximated to or anastomosing with 7.

(1) *RAPHIMETOPUS SPINIFRONTELLA*.

Anerastia spinifrontella Rag. Nouv. Gen. p. 48 (1888); id. Rom. Mém. viii. p. 399, pl. 40. f. 2; Hmps. Moths Ind. ii. p. 56.

BOMBAY, Sind.

(2) *RAPHIMETOPUS ABLUTELLA*.

Anerastia ablutella Zell. Isis, 1839, p. 17; Herr.-Schäff. Eur. Schmett. iv. p. 109, Tin. f. 89; Rag. Rom. Mém. viii. p. 403; Hmps. Moths Ind. iv. p. 56; Staud. Cat. Lep. pal. ii. p. 12.

†*Anerastia stigmatella* Rag. Nouv. Gen. p. 49 (1888); id. Rom. Mém. viii. p. 403, pl. 40. f. 4.

Anerastia bimaculata Rag. Nouv. Gen. p. 49 (1888); id. Rom. Mém. viii. p. 404, pl. 40. f. 5; Hmps. Moths Ind. iv. p. 56.

Anerastia majorella Roths. Nov. Zool. xx. p. 138 (1913).

SPAIN; SICILY; ALGERIA; N. NIGERIA; CONGO, EGYPT; DAMARALAND; TRANSVAAL; ORANGE R. COLONY; ADEN; ASIA MINOR; PERSIA; W. TURKESTAN; JAPAN; KASHMIR; PUNJAB; MADRAS.

Auctorum.

Anerastia korbi Caradja, Iris, xxiv. p. 117 (1910).

? = *R. ablutella* CASPIAN SEA.

Genus METACRATERIA, nov.

Type, *M. pulverulella*.

Proboscis absent; palpi downcurved, extending about twice the length of head and thickly scaled; maxillary palpi minute and filiform; frons with long truncate corneous prominence with raised rim at extremity, a flattened plate below the frons; antennæ of male laminate and ciliated. Fore wing rather narrow, the apex rounded, the termen evenly curved; vein 2 from near angle of cell; 4 absent; 5 from above angle; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from just before angle of cell; 3 and 5 stalked, 4 absent; 6, 7 shortly stalked; 8 approximated to but not anastomosing with 7.

(1) METACRATERIA METALLACTIS.

Anerastia metallactis Meyr. Trans. Ent. Soc. 1887, p. 622; Rag. Rom. Mém. viii. p. 399, pl. 40. f. 11.

N. S. WALES.

(2) METACRATERIA PULVERULELLA.

Anerastia pulverulella Hmps. Moths Ind. iv. p. 56 (1896); id. Rom. Mém. viii. p. 400, pl. 52. f. 4.

CEYLON.

(3) †METACRATERIA PERIRRORELLA, sp. n.

♀. Head and thorax red-brown tinged with grey and slightly irrorated with fuscous; abdomen grey suffused with red-brown; palpi below, pectus, legs, and ventral surface of abdomen whitish tinged with red-brown. Fore wing whitish suffused with red-brown and thickly irrorated with black; small spots formed by black irroration at upper and lower angle of cell; cilia with a whitish line at base. Hind wing whitish strongly suffused with reddish brown, the cilia whiter.

MASHONALAND (*Dobbie*), 2 ♀ type. *Exp.* 28 mm.

(4) METACRATERIA MIASTICTA, sp. n.

♀. Head, thorax, and abdomen whitish suffused with red-brown. Fore wing whitish suffused with red-brown and slightly irrorated with black, especially on the veins; a small black spot at lower angle of cell. Hind wing white tinged with red-brown.

MEXICO, Presidio (*Forrer*), 1 ♀ type, Godman-Salvin Coll. *Exp.* 24 mm.

Genus PRINANERASTIA*.

Type, *P. lotella*.

Proboscis absent; palpi downcurved, extending about twice the length of head and thickly scaled; maxillary palpi minute and filiform; frons with rounded prominence with slight raised rim at extremity, a corneous plate below the frons; antennæ of male laminate and minutely ciliated. Fore wing narrow, the apex rounded, the termen evenly curved; vein 2 from towards angle of cell; 4 absent; 5 from above angle; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from just before angle of cell; 3 and 5 stalked, 4 absent; 6; 7 shortly stalked; 8 closely approximated to but not anastomosing with 7.

(1) PRINANERASTIA LACTEALIS.

Lymire lactealis Roths. Nov. Zool. xx. p. 138 (1913).

Enosima albicostalis Roths. Nov. Zool. xx. p. 138 (1913).

Lymire strictipennis Roths. Nov. Zool. xxii. p. 237 (1915).

ALGERIA; TUNIS.

(2) PRINANERASTIA NITIDICOSTELLA.

Anerastia nitidicostella Rag. Ann. Soc. Ent. Fr. 1887, p. 259; id. Rom. Mém. viii. p. 399, pl. 40. f. 12; Staud. Cat. Lep. pal. ii. p. 12.

S. RUSSIA.

(3) PRINANERASTIA LOTELLA.

Tinea lotella Hübn. Eur. Schmett., Tin. f. 344 (1817); Dup. Lép. Fr. x. pl. 283. f. 6; Herr.-Schäff. Eur. Schmett. iv. p. 100, Tin. ff. 90-92; Leech, Pyr. pl. 10. f. 3; Rag. Rom. Mém. viii. p. 397; Staud. Cat. Lep. pal. ii. p. 12.

Tinea miniosella Zinck. Germ. Mag. iii. p. 126 (1818).

Tinea pulverella Hübn. Eur. Schmett., Tin. f. 454 (1823).

BRITAIN; FRANCE; GERMANY; AUSTRIA; HUNGARY; SWITZERLAND; W. RUSSIA; ASIA MINOR; PERSIA; W. TURKESTAN.

(4) *PRINANERASTIA INCARNATELLA.

Anerastia incarnatella Rag. Ann. Soc. Ent. Fr. 1887, p. 259; id. Rom. Mém. viii. p. 398, pl. 38. f. 15; Staud. Cat. Lep. pal. ii. p. 12.

S. RUSSIA.

Genus CHORTONÆCA, nov.

Type, *C. leucocraspia*.

Proboscis aborted and minute; palpi of male typically obliquely upturned to above vertex of head and thickly scaled, hollowed out to receive the brush-like maxillary palpi, of female down-

* The type of *Anerastia* Hübn. is *dignella* Hübn.

curved and about twice the length of head; frons with pointed conical prominence; antennæ of male typically with rather long uniseriate branches, the shaft with sinus at base containing a ridge of scales. Fore wing narrow, the apex rounded, the termen evenly curved; vein 2 from towards angle of cell; 3 and 5 from angle, 4 absent; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from just before angle of cell; 3 and 5 stalked, 4 absent; 6, 7 shortly stalked; 8 closely approximated to 7 but not anastomosing with it.

SECT. I. Palpi of male obliquely upturned and hollowed out to receive the brush-like maxillary palpi; antennæ pectinate with uniseriate branches, the shaft with sinus and ridge of scales at base.

(1) †CHORTONÆCA LEUCOCRASPIA, sp. n.

Head and thorax whitish suffused with rufous; abdomen white tinged with rufous and dorsally suffused with fulvous yellow towards base; palpi white in front; pectus, legs, and ventral surface of abdomen white tinged with rufous. Fore wing creamy white slightly tinged with rufous; a white costal fascia, narrowing to a point at apex, slightly irrorated with rufous and defined below by a rather diffused rufous streak; the veins white defined on each side by fine rufous streaks; a fine rufous streak in submedian fold. Hind wing semihyaline white.

ALGERIA, Hammam-es-Salahin (*Walsingham*). 2 ♂, 3 ♀ type. *Exp.* 30–34 mm.

Larva. White with numerous red-brown lines interrupted at the incisures, the head and 1st thoracic somite wholly red-brown. Feeds in the stems of a reed-like grass.

SECT. II. Palpi of male obliquely upturned and not hollowed out to receive the maxillary palpi, which are filiform; antennæ of male laminate and ciliated with slight sinus at base of shaft, but no ridge of scales.

(2) †CHORTONÆCA MINIMELLA.

Meliarpha minimella Hmps. *Rom. Mém.* viii. p. 392, pl. 52. f. 11 (1901).

BORNEO, Pulo Laut; CELEBES, Talaut I.; N. AUSTRALIA.

SECT. III. Palpi of male downcurved and extending about three times length of head, not hollowed out to receive the maxillary palpi which are filiform; antennæ of male laminate and ciliated, with a sinus at base of shaft containing a ridge of scales.

(3) *CHORTONÆCA MINORALIS.

Anerastia minoralis Lower, *Tr. R. Soc. S. Austr.* 1903, p. 52. QUEENSLAND.

(4) CHORTONÆCA EURYSTICHA.

Anerastia eurystica Turner, *Pr. R. Soc. Queensl.* xviii. p. 119 (1903).

PROC. ZOOL. SOC.—1918, No. VI.

Hypsotropha niphosema Turner, Pr. R. Soc. Queensl. xxiv. p. 112 (1913).

QUEENSLAND; N. AUSTRALIA.

Genus RHINAPHE.

Type.

<i>Rhinaphe</i> Berg, Bull. Soc. Imp. Nat. Mosc. xlix. 2, p. 231 (1874)	<i>signaticollis</i> .
<i>Ampycophora</i> Meyr. Pr. Linn. Soc. N.S.W. vii. p. 158 (1882)	<i>apotomella</i> .
<i>Comorta</i> Rag. Nouv. Gen. p. 48 (1888)	<i>nigricostalis</i> .
<i>Maliarpha</i> Rag. Nouv. Gen. p. 48 (1888)	<i>separatella</i> .
<i>Homosassa</i> Hulst, Trans. Am. Ent. Soc. xvii. p. 214 (1890)	<i>ella</i> .
<i>Enosima</i> Rag. Rom. Mém. viii. p. 389 (1901)...	<i>neesimella</i> .
<i>Ampycodes</i> Hmps. Rom. Mém. viii. p. 393 (1901)	<i>pallidicosta</i> .
<i>Erythphlebia</i> Hmps. Rom. Mém. viii. p. 393 (1901)	<i>enervella</i> .

Proboscis absent; palpi typically downcurved, extending about three times length of head and thickly scaled; maxillary palpi filiform; frons smooth and rounded; antennæ of male typically laminate and ciliated. Fore wing narrow, the apex rounded, the termen obliquely curved; vein 2 from near angle of cell; 4 absent; 5 from above angle; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from just before angle of cell; 3 and 5 stalked, 4 absent; 6, 7 shortly stalked; 8 closely approximated to or anastomosing with 7.

SECT. I. Palpi of male hollowed out to receive the brush-like maxillary palpi.

A. Palpi of male upturned.

a. (*Ampycophora*). Antennæ of male uniserrate.

(1) †RHINAPHE APPROXIMELLA, sp. n.

♀. Head and thorax purplish red, the vertex of head and dorsum of thorax whitish tinged with red; abdomen white, dorsally tinged with fulvous yellow towards base; pectus white; legs red-brown. Fore wing whitish suffused with purplish pink, leaving the veins whiter and defined on each side by fine purplish-red streaks; a white costal fascia tinged with purplish pink at costa, narrowing to a point at apex, defined below by a narrow dark brown streak giving off a fine streak above vein 6. Hind wing white, the costal area and termen tinged with brown.

QUEENSLAND, Peak Downs, 1 ♀ type. *Exp.* 24 mm.

(2) RHINAPHE APOTOMELLA.

Pempelia apotomella Meyr. Pr. Linn. Soc. N.S.W. iv. p. 224 (1879); Rag. Rom. Mém. viii. p. 388, pl. 40. f. 17.

PUNJAB; CEYLON; SELANGOR; PHILIPPINES; CELEBES, Sangir I. TIMOR, Oinainisa, Dili; QUEENSLAND.

b. (*Comorta*). Antennæ of male laminate.

(3) *RHINAPHE PLINTHINA.

Anerastia plinthina Turner, Pr. R. Soc. Queensl. xix. p. 43 (1905).

QUEENSLAND; N. AUSTRALIA.

(4) †RHINAPHE CASTANEALIS.

Anerastia castanealis Hmps. J. Bomb. Nat. Hist. Soc. xxi. p. 1251 (1912).

BR. C. AFRICA; TRANSVAAL; CEYLON; BALI.

(5) †RHINAPHE CELSELLA.

Araxes celsella Wlk. xxvii. 193 (1863); Hmps. Moths Ind. iv. p. 55; Rag. Rom. Mém. viii. p. 405, pl. 40. f. 7.

CEYLON; PHILIPPINES.

(6) †RHINAPHE NIGRICOSTALIS.

Trachonitis nigricostalis Wlk. xxvii. 40 (1863); Hmps. Moths Ind. iv. p. 57; Rag. Rom. Mém. viii. p. 389, pl. 39. f. 22.

Comorta atricostella Rag. Nouv. Gen. p. 48 (1888).

GAMBIA; S. NIGERIA; TRANSVAAL; CEYLON; BURMA; ANDAMANS; BORNEO; FIJI.

(7) RHINAPHE HOLOPHÆA.

Ampycophora holophæa Turner, Pr. R. Soc. Queensl. xix. p. 42 (1905).

QUEENSLAND; N. AUSTRALIA.

B. Palpi obliquely upturned.

a. Antennæ of male with short uniseriate branches, the apical part ciliated.

(8) RHINAPHE VECTIFERELLA.

Enosima vectiferella Rag. Rom. Mém. viii. p. 391, pl. 42. f. 24 (1901).

BR. E. AFRICA; UGANDA; BR. C. AFRICA; TRANSVAAL; MADAGASCAR; COMORO IS.

b. (*Enosima*). Antennæ of male laminate.

(9) *RHINAPHE VENELLA.

Enosima venella Hmps. Rom. Mém. viii. p. 391, pl. 40. f. 19 (1901).

COCHIN CHINA.

(10) RHINAPHE NEESIMELLA.

Enosima neesimella Rag. Rom. Mém. viii. p. 390, pl. 43. f. 22 (1901).

JAPAN; COREA.

(11) RHINAPHE FLAVESCENTELLA.

Enosima flavescentella Hmps. Rom. Mém. viii. p. 390, pl. 40. f. 18 (1901).

FORMOSA ; C. CHINA.

c. (*Ampycodes*). Palpi downcurved in both sexes ; antennæ uniserrate and ciliated, with a large sinus at base of shaft containing a ridge of scales.

(12) †RHINAPHE STICTELLA.

Anerastia stictella Hmps. J. Bomb. Nat. Hist. Soc. xviii. p. 259 (1908).

PUNJAB.

(13) †RHINAPHE PALLIDICOSTA.

Anerastia pallididicosta Hmps. Moths Ind. iv. p. 57 (1896) ; id. Rom. Mém. viii. p. 393, pl. 39. f. 23.

ASSAM ; BURMA.

(14) *RHINAPHE HAPLOSHEMA.

Ampycophora haploschema Turner, Pr. R. Soc. Queensl. xviii. p. 117 (1903).

QUEENSLAND.

SECT. II. Palpi of male not hollowed out to receive the maxillary palpi, which are filiform.

A. (*Maliarpha*). Palpi of male obliquely upturned ; the antennæ laminate and ciliated, with a large sinus at base of shaft containing a ridge of scales.

(15) *RHINAPHE SEPARATELLA.

Maliarpha separatella Rag. Nouv. Gen. p. 48 (1888) ; id. Rom. Mém. viii. p. 392, pl. 39. f. 21.

CAMEROONS.

B. Palpi downcurved in both sexes.

a. (*Erythphlebia*). Antennæ of male laminate and ciliated, with a large sinus at base of shaft containing a ridge of scales.

(16) RHINAPHE ENERVELLA.

Erythphlebia enervella Hmps. Rom. Mém. viii. p. 394, pl. 39. f. 24 (1901).

N. GUINEA ; LOUISIADE IS. ; QUEENSLAND ; W. AUSTRALIA.

(17) RHINAPHE VIRGINELLA.

Anerastia virginella Meyr. Proc. Linn. Soc. N.S.W. iv. p. 233 (1879) ; Rag. Rom. Mém. viii. p. 394, pl. 40. f. 8.

QUEENSLAND.

- b. Antennæ of male bipectinate, without sinus and ridge of scales at base of shaft.

(18) RHINAPHE BISERIELLA.

Anerastia biseriella Hmps. Rom. Mém. viii. p. 397, pl. 52. f. 18 (1901).

QUEENSLAND.

- c. (*Rhinapha*). Antennæ of male laminate and ciliated, without sinus and ridge of scales at base of shaft.

(19) †RHINAPHE HEMIRHODELLA.

Anerastia hemirhodella Hmps. Rom. Mém. viii. p. 402, pl. 52. f. 12 (1901).

S. BRAZIL.

(20) RHINAPHE LOTRICELLA.

Anerastia lotricella Zell. Isis, 1848, p. 861; Rag. Rom. Mém. viii. p. 401, pl. 8. f. 21.

S. BRAZIL.

(21) *RHINAPHE LEUCOTENIELLA.

Anerastia leucoteniella Rag. Nouv. Gen. p. 48 (1888); id. Rom. Mém. viii. p. 401, pl. 40. f. 3.

JAPAN.

(22) †RHINAPHE SANGIRENSIS, sp. n.

♀. Head and thorax dark red-brown; abdomen grey tinged with brown and dorsally fulvous yellow towards base; pectus and legs grey suffused with brown. Fore wing deep purple-pink; a white costal fascia narrowing to apex, defined below by diffused dark red-brown and with the costal edge and vein 12 purple-pink. Hind wing whitish tinged with red-brown especially on costal area; a fine brown terminal line except towards tornus.

CELEBES, Sangir I. (*Doherty*), 1 ♀ type. *Exp.* 18 mm.

(23) RHINAPHE BRUNNEOVITTELLA.

Anerastia brunneovittella Rag. Nouv. Gen. p. 49 (1888); id. Rom. Mém. viii. p. 401, pl. 40. f. 6; Hmps. Moths Ind. iv. p. 56.

C. CHINA; PUNJAB; BOMBAY; CEYLON.

(24) †RHINAPHE PHÆOSTROTELLA, sp. n.

♀. Head and thorax creamy white mixed with red-brown; abdomen creamy white, dorsally fulvous yellow towards base; pectus and legs creamy white. Fore wing creamy white irrorated with pinkish brown; a creamy white costal fascia with hardly

any brown irroration on it, narrowing to apex and defined below by diffused brown. Hind wing white.

CEYLON, Puttalam (*Pole*), 1 ♀ type. *Exp.* 22 mm.

(25) RHINAPHE SYSSEMA.

Anerastia syssema Turner, Pr. R. Soc. Queensl. xxiv. p. 114 (1913).

QUEENSLAND; N. AUSTRALIA; W. AUSTRALIA.

(26) †RHINAPHE LATERITIELLA, sp. n.

♀. Head and thorax grey-brown mixed with some white; abdomen whitish suffused with red-brown, the basal segment white. Fore wing reddish brown, darker towards the pure white costal fascia narrowing to apex. Hind wing white slightly tinged with brown.

B. NIGERIA, Yorubaland, Ogbomoso (*Sir G. Carter*), 1 ♀ type. *Exp.* 20 mm.

(27) *RHINAPHE ELLA.

Ephestia ella Hulst, Ent. Am. iii. p. 138 (1887); Rag. Rom. Mém. viii. p. 400, pl. 40. f. 1; Dyar, Cat. Lep. N. Am. p. 440.

U.S.A., Florida.

(28) RHINAPHE TALIELLA.

Anerastia taliella Hmps. Rom. Mém. viii. p. 402, pl. 53. f. 17 (1901).

QUEENSLAND.

(29) †RHINAPHE YENILINEELLA, sp. n.

♀. Head and thorax white irrorated with reddish brown; abdomen white tinged with red-brown, dorsally fulvous yellow towards base. Fore wing white thickly irrorated with reddish brown, the veins white defined on each side by fine brown streaks. Hind wing white.

SUDAN, Port Sudan (*Waterfield*), 1 ♀ type. *Exp.* 24 mm.

(30) *RHINAPHE INFUMELLA.

Anerastia infumella Rag. Ann. Soc. Ent. Fr. 1887, p. 260; id. Rom. Mém. viii. p. 402, pl. 38. f. 16; Staud. Cat. Lep. pal. ii. p. 12.

PERSIA.

(31) *RHINAPHE CONSPERSELLA.

Anerastia conspersella Rag. Rom. Mém. viii. p. 404, pl. 40. f. 13 (1901).

U.S.A., Colorado.

(32) *RHINAPHE SEEBOLDI.

Anerastia seeboldi Rag. Ann. Soc. Ent. Fr. 1894, p. 177; id. Iris, xi. pl. 1. f. 7; Staud. Cat. Lep. pal. p. 12.

SPAIN.

(33) †RHINAPHE ENDONEPHELE, sp. n.

♂. Head, thorax, and abdomen white slightly tinged with red-brown and irrorated with dark scales, the last dorsally fulvous yellow towards base; antennæ brownish. Fore wing white irrorated with blackish and faintly tinged with red-brown; a rather diffused rounded blackish antemedial spot on vein 1; a terminal series of blackish points. Hind wing white faintly tinged with ochreous brown; a slight brown terminal line.

BRAZIL, Rio Janeiro, 2 ♂ type. *Exp.* 20 mm.

(34) †RHINAPHE IGNETINCTA, sp. n.

♀. Head and thorax ochreous white suffused with fiery red; abdomen ochreous. Fore wing ochreous suffused with fiery red and on costal half tinged with purplish pink; oblique diffused antemedial and medial blackish bars on inner area; two slight dark discoidal points; an indistinct oblique brown postmedial line; a terminal series of slight dark points. Hind wing semi-hyaline white tinged with ochreous especially towards termen.

ARGENTINA, Sta. Fé, Ocampo (*Wagner*), 2 ♀ type, Buenos Ayres (*Wilkinson*), 1 ♀. *Exp.* 22 mm.

(35) *RHINAPHE MICTOCHROELLA.

Anerastia mictochroella Rag. Nouv. Gen. p. 49 (1888); id. Rom. Mém. viii. p. 404, pl. 40. f. 10.

ARGENTINA, Goya.

(36) †RHINAPHE FURVIMACULA, sp. n.

♀. Head and thorax ochreous faintly tinged with rufous; abdomen ochreous, dorsally fulvous yellow towards base. Fore wing ochreous faintly tinged with rufous and irrorated with dark brown scales; an oblique slightly sinuous red-brown almost medial line with a conical fulvous-red spot on its outer side in submedian interspace; a small dark brown spot at lower angle of cell; an indistinct brown postmedial line, oblique below vein 5. Hind wing ochreous white suffused with purple-brown especially on terminal half except towards tornus; cilia whiter.

ARGENTINA, Tucuman, Los Vasquez (*Dinelly*), 1 ♀ type. *Exp.* 28 mm.

(37) RHINAPHE SIGNICOLLIS.

Rhinaphe signicollis Berg, Bull. Soc. Imp. Nat. Mosc. xlix. 2, p. 233 (1874); Rag. Rom. Mém. viii. p. 405, pl. 40. f. 9.

ARGENTINA, Gran Chaco, Florenzia, Buenos Ayres.

Auctorum.

- Anerastia wiphimela* Lower, Tr. R. Soc. S. Austr. 1903, p. 52,
nr. *R. castanealis* QUEENSLAND.
- „ *ablepta* Turner, Pr. R. Soc. Queensl. xxiv. p. 114
(1913). ? *Metacrateria*. N. QUEENSLAND ;
N. AUSTRALIA.
- „ *argosticha* Turner, Pr. R. Soc. Queensl. xxiv. p. 115
(1913), nr. *R. enervella* N. AUSTRALIA.
- „ *ancemopsis* Turner, Pr. R. Soc. Queensl. xxiv. p. 116
(1913), ? nr. *R. celsella* N. AUSTRALIA.
- „ *baliora* Turner, Pr. R. Soc. Queensl. xxiv. p. 116
(1913), ? nr. *R. plinthina* QUEENSLAND.
- „ *acrophœa* Turner, Pr. R. Soc. Queensl. xxiv. p. 117
(1913). ? Sect. *Erythphlebia* N. AUSTRALIA.
- „ *pleurochorda*, Turner, Pr. R. Soc. Queensl. xxiv.
p. 117 (1913). ? Sect. *Enosima* ... QUEENSLAND.
- „ *erasmia* Turner, Pr. R. Soc. Queensl. xxiv. p. 117
(1913). ? Sect. *Erythphlebia* QUEENSLAND.
- „ *ephestiella* Viard, Bull. Soc. Ent. Fr. 1913, p. 82.
BASSES ALPES.

Genus SUDANIA.

Type.

Sudania Hmps. Rom. Mém. viii. p. 380 (1901)... *subcostella*.

Proboscis aborted and minute ; palpi upturned to just above vertex of head, the 2nd joint moderately scaled, the 3rd moderate ; maxillary palpi filiform ; frons smooth, with conical tuft of scales ; antennæ of male with short uniseriate branches. Fore wing rather narrow, the apex rounded ; vein 2 from near angle of cell ; 3 and 5 from angle, 4 absent ; 6 from below upper angle ; 8, 9, 10 stalked, 8 from beyond 10 ; 11 from cell. Hind wing with vein 2 from before angle of cell ; 3 and 5 from angle, 4 absent ; 6, 7 stalked ; 8 not anastomosing with 7.

*SUDANIA SUBCOSTELLA.

Sudania subcostella Hmps. Rom. Mém. viii. p. 381, pl. 51.
f. 11 (1901).

GABOON.

Genus RHODOCHRYSA.

Type.

Rhodochrysa Hmps. Rom. Mém. viii. p. 387 (1901). *superbella*.

Proboscis aborted and minute ; palpi downcurved, extending about twice the length of head and thickly scaled ; maxillary palpi filiform ; frons smooth, with conical tuft of scales ; antennæ of male laminate and minutely ciliated, the shaft slightly curved at base but without ridge of scales. Fore wing narrow, the apex rounded, the termen obliquely curved ; vein 2 from towards angle of cell ; 3 and 5 separate, 4 absent ; 6 from below upper angle ; 8, 9, 10 stalked, 8 from beyond 10 ; 11 from cell. Hind wing

with vein 2 from just before angle of cell; 3 and 5 from angle, closely approximated towards origin, 4 absent; 6, 7 shortly stalked; 8 closely approximated to 7 but not anastomosing with it.

RHODOCHRYSA SUPERBELLA.

Rhodochrysa superbella Hmps. Rom. Mém. viii. p. 387, pl. 39. f. 12 (1901).

TRANVAAL; NATAL.

Genus *CÆNOTROPA*, nov.

Type, *C. limitella*.

Proboscis absent; palpi downcurved, extending about three times length of head and thickly scaled; maxillary palpi minute and filiform; frons with rounded prominence; antennæ of female minutely ciliated. Fore wing long and narrow, the apex rounded; vein 2 from towards angle of cell; 4 absent; 5 from above angle; 6 from below upper angle; 8, 10, 11 stalked, 9 absent. Hind wing with vein 2 from towards angle of cell; 3 and 4 absent; 6, 7 from upper angle; 8 anastomosing strongly with 7.

†*CÆNOTROPA LIMITELLA*, sp. n.

♀. Head and thorax red-brown mixed with some flesh-white; abdomen red-brown, dorsally fulvous towards base. Fore wing pale purplish pink; a white costal fascia slightly irrorated with purplish red, narrowing to apex and defined below by a rather diffused dark brown streak. Hind wing semihyaline white tinged with flesh-colour, the costal area suffused with brown.

PARAGUAY, Sapucay (*Foster*), 1 ♀ type. *Exp.* 22 mm.

Genus *BANDERA*.

	Type.
<i>Bandera</i> Rag. N. Am. Phyc. p. 19 (1887).....	<i>binotella</i> .
<i>Osceola</i> Hulst, Smith, List N. Am. Lep. p. 85	
(1891), non descr. nec Baird, Rept. 1853	<i>perlepidella</i> .
<i>Chipeta</i> Hulst, Can. Ent. xxiv. p. 62 (1892).....	<i>perlepidella</i> .

Proboscis aborted and minute; palpi downcurved, extending about twice the length of head and roughly scaled; maxillary palpi well developed, filiform; frons smooth and rounded; antennæ of male minutely ciliated, the shaft slightly curved at base. Fore wing narrow, the apex rounded; vein 2 from towards angle of cell; 3 and 5 from a point or separate; 6 from below upper angle; 9 absent; 10, 11 from cell. Hind wing with vein 2 from just before angle of cell; 3, 5 strongly stalked, 4 absent; 6, 7 from upper angle; 8 anastomosing strongly with 7.

(1) *BANDERA BINOTELLA.*

Anerastia binotella Zell. Verh. zool.-bot. Ges. Wien, 1872, p. 108;

Rag. Rom. Mém. viii. p. 409, pl. 44. f. 23; Dyar, Cat. Lep. N. Am. p. 440.

U.S.A., Texas, New Mexico.

(2) *BANDERA PERLEPIDELLA.

Chipeta perlepidella Hulst, Can. Ent. xxiv. p. 62 (1892); Dyar, Cat. Lep. N. Am. p. 441.

U.S.A., Florida.

(3) BANDERA CUPIDINELLA.

Bandera cupidinella Hulst, Ent. Am. iv. p. 119 (1888); Rag. Rom. Mém. viii. p. 410, pl. 45. f. 3; Dyar, Cat. Lep. N. Am. p. 440.

U.S.A., Colorado, New Mexico.

(4) *BANDERA SUBLUTEELLA.

Bandera subluteella Rag. N. Am. Phyc. p. 19 (1887); id. Rom. Mém. viii. p. 410, pl. 40. f. 21; Dyar, Cat. Lep. N. Am. p. 440.

U.S.A., Colorado, California, New Mexico.

Auctorum.

Bandera virginella Dyar, Proc. Ent. Soc. Wash. x. p. 116 (1908) U.S.A., Washington.

„ *carneella* Barnes & McD. Contr. Nat. Hist. Lep. N. Am. ii. 4. p. 184, pl. i. f. 5 (1913).

U.S.A., Florida.

Genus LAURENTIA.

Laurentia Rag. Nouv. Gen. p. 49 (1888) Type. *inclarella*.

Proboscis absent; palpi of male upturned to vertex of head, thickly scaled and hollowed out to receive the brush-like maxillary palpi, of female long and downcurved; frons smooth, with tuft of scales; antennæ of male ciliated, the shaft with sinus at base of shaft containing a ridge of scales. Fore wing narrow, the apex rounded, the termen obliquely curved; vein 2 from towards angle of cell; 3 and 5 from angle, 4 absent; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from before angle of cell; 3 and 5 from angle, closely approximated towards base, 4 absent; 6, 7 shortly stalked; 8 anastomosing with 7.

(1) †LAURENTIA ALBIVENELLA, sp. n.

♂. Head and thorax creamy white mixed with some red-brown; abdomen white, dorsally tinged with fulvous yellow towards base; legs tinged with brown. Fore wing creamy white irrorated with some dark brown, the veins white defined

on each side by fine dark brown streaks, the median nervure more strongly streaked with white; a dark brown shade through upper part of cell and thence to termen below apex; the interspaces between veins 4 and 2 shaded with brown; cilia chequered with brown except at base. Hind wing white, the costal area and termen tinged with brown.

FORMOSA, Takow (Wileman), 1 ♂ type. *Exp.* 22 mm.

(2) *LAURENTIA INCLARELLA.

Laurentia inclarella Rag. Nouv. Gen. p. 49 (1888); id. Rom. Mém. viii. p. 408, pl. 38. f. 14.

JAVA.

Genus CALAMOTROPA, nov.

Type, *C. pulverivena*.

Proboscis absent; palpi downcurved, about two and a half times length of head and thickly scaled; maxillary palpi well developed and slightly dilated with scales; frons with large pointed conical prominence clothed with rough scales; antennæ of female minutely ciliated. Fore wing long and narrow, the apex rounded; vein 2 from towards angle of cell; 3 and 5 separate, 4 absent; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from just below angle of cell; 3 and 4 absent; 6, 7 shortly stalked; 8 not anastomosing with 7.

†CALAMOTROPA PULVERIVENA, sp. n.

♀. Head and thorax ochreous slightly tinged with brown; pectus, legs, and abdomen ochreous white. Fore wing ochreous with diffused fuscous irroration along the veins except on costal area; a slight black point at lower angle of cell. Hind wing ochreous white, the costal area and termen tinged with brown.

W. AUSTRALIA, Sherlock R. (Clements), 3 ♀ type. *Exp.* 24 mm.

Genus EPIDAURIA.

Type.

Epidauria Rag. Rom. Mém. viii. p. 405

(1901) *transversariella*.

Proboscis absent; palpi downcurved, extending about three times length of head and thickly scaled; maxillary palpi filiform; frons smooth, with tuft of scales; antennæ of male laminate. Fore wing narrow, the apex rounded, the termen evenly curved; vein 2 from towards angle of cell; 4 absent; 5 from above angle; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from before angle of cell; 3 and 5 from angle; 4 absent; 6, 7 from upper angle; 8 approximated to but not anastomosing with 7.

(1) †*EPIDAURIA PERFASCIELLA*, sp. n.

♀. Head and thorax whitish suffused with rufous; abdomen whitish suffused with rufous and with obscure dark dorsal segmental bands. Fore wing whitish suffused with pale purplish red and slightly irrorated with blackish, the costal area rather whiter; a rather diffused black fascia from base through upper part of cell to termen below apex, forking in end of cell on vein 5 to well beyond the cell; vein 1 white at middle with rather diffused short black streaks above and below it; the postmedial line represented by a slight black mark above vein 6, a very oblique line between veins 5 and 2 and a short streak above vein 1; a terminal series of minute rather V-shaped black marks. Hind wing whitish suffused with reddish brown; cilia ochreous white with a slight brown line near base.

SIERRA LEONE (*Clements*), 1 ♀ type. *Exp.* 28 mm.

(2) **EPIDAURIA TRANSVERSARIELLA*.

Anerastia transversariella Zell. Isis, 1848, p. 588; Herr.-Schäff. Eur. Schmett. iv. p. 109. Tin. f. 33; Rag. Rom. Mém. viii. p. 406, pl. 38. f. 17; Staud. Cat. Lep. pal. ii. p. 12.

DALMATIA; CORFU; ASIA MINOR.

(3) †*EPIDAURIA CHIONOCRASPIS*, sp. n.

♀. Head white tinged with purplish red; thorax pale purplish red; pectus, legs, and abdomen white tinged with brown. Fore wing with narrow silvery white costal fascia, the area below it dark chocolate-brown to median nervure and on terminal area diffused on its lower side; the rest of wing pale purplish red. Hind wing white with a slight ochreous tinge, the costa tinged with brown.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♀ type. *Exp.* 24 mm.

(4) *EPIDAURIA PHENICEELLA*.

Epidauria phoeniceella Rag. Bull. Soc. Ent. Fr. 1895, p. ciii; id. Rom. Mém. viii. p. 407, pl. 52. f. 5; Staud. Cat. Lep. pal. ii. p. 12.

ASIA MINOR; SYRIA.

(5) **EPIDAURIA DISCELLA*.

Epidauria discella Rag. Rom. Mém. ii. p. 407, pl. 40. f. 14 (1901); Staud. Cat. Lep. pal. ii. p. 12.

MESOPOTAMIA.

(6) **EPIDAURIA STRIGOSA*.

Anerastia strigosa Staud. Hor. Soc. Ent. Ross. xv. p. 225 (1879); Rag. Rom. Mém. viii. p. 407, pl. 45. f. 2; Staud. Cat. Lep. pal. ii. p. 12.

DALMATIA; ASIA MINOR; SYRIA; E. SIBERIA.

(7) †EPIDAURIA SUBCOSTELLA, sp. n.

♀. Head, thorax, and abdomen whitish mixed with brown, the last dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen whitish suffused with dark brown. Fore wing whitish suffused with ochreous brown, the costa with a white streak below it to beyond middle defined below by a dark brown streak extending to apex. Hind wing whitish suffused with brown, the inner area whiter.

YUNNAN, Teng Yeuk (*Hobson*), 1 ♀ type. *Exp.* 26 mm.

Genus SALURIA.

	Type.
<i>Saluria</i> Rag. Ann. Soc. Ent. Fr. 1887, p. 258.	<i>maculivittella</i> .
<i>Poujadia</i> Rag. Nouv. Gen. p. 42 (1888)	<i>sepicostella</i> .
<i>Baroda</i> Rag. Nouv. Gen. p. 42 (1888)	<i>paucigraphella</i> .
<i>Goya</i> Rag. Nouv. Gen. p. 43 (1888)	<i>albivenella</i> .
<i>Pectinigeria</i> Rag. Nouv. Gen. p. 43 (1888, Apr.)	<i>macrella</i> .
<i>Cayuga</i> Hulst, Ent. Am. iv. p. 116 (1888, Sept.)	<i>gemmatella</i> .
<i>Atascosa</i> Hulst, Trans. Am. Ent. Soc. xvii. p. 210 (1890)	<i>glareosella</i> .
<i>Parramatta</i> Hmps. Rom. Mém. viii. p. 366 (1901)	<i>ensiferella</i> .
<i>Ollia</i> Dyar, J. N. Y. Ent. Soc. xii. p. 107 (1904)	<i>santaritella</i> .
<i>Eumooorea</i> Dyar, Insec. Inscit. Meustr. v. p. 91 (1917)	<i>anchridis</i> .

Proboscis aborted and minute; palpi of male typically down-curved, extending about three times length of head and thickly scaled, the 3rd joint moderate; maxillary palpi filiform; frons smooth with slight tuft of hair; antennæ of male typically with long uniseriate branches and without sinus and ridge of scales at base of shaft. Fore wing long and narrow, the apex rounded, the termen evenly curved; vein 3 from close to angle of cell; 4, 5 strongly stalked; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from close to angle of cell; 3 and 5 strongly stalked, 4 absent; 6, 7 shortly stalked; 8 typically not anastomosing with 7.

SECT. I. Palpi of male hollowed out to receive the brush-like maxillary palpi.

A. Antennæ of male with a sinus at base of shaft containing a ridge of scales.

a. Antennæ of male pectinate with long uniseriate branches.

a'. Palpi of male oblique.

(1) SALURIA ERODELLA.

Poujadia erodella Rag. Nouv. Gen. p. 48 (1888); id. Rom. Mém. viii. p. 347, pl. 37. f. 5; Hmps. Moths Ind. iv. p. 59.

Poujadia parvipilumella Hmps. Moths Ind. iv. p. 59 (1896).

PUNJAB; BENGAL; MADRAS; CEYLON.

b'. (*Baroda*). Palpi of male downcurved.

(2) *SALURIA CTENUCHA*.

Poujadia ctenucha Turner, Pr. R. Soc. Queensl. xxiv. p. 118 (1913).

N. AUSTRALIA.

(3) **SALURIA FLAMMELLA*.

Baroda flammella Hmps. Rom. Mém. viii. p. 348, pl. 51. f. 12 (1901).

GAMBIA.

(4) †*SALURIA CAENESCENS*, sp. n.

Head and thorax pale rufous; abdomen white tinged with rufous, dorsally fulvous yellow towards base; pectus and legs whitish suffused with rufous. Fore wing with the inner half pale purplish pink shading to rufous towards the white costal fascia, narrowing to apex; the costal edge pale purplish red on basal half. Hind wing white with an ochreous tinge.

ARGENTINA, Sta. Fé, Ocampo (*Wagner*), 1 ♂ type, Gran Chaco, Florenzia (*Wagner*), 1 ♀. *Exp.* 28–30 mm.

(5) †*SALURIA PSAMMATELLA*, sp. n.

♂. Head, thorax, and abdomen white tinged with ochreous brown; antennæ red-brown, white towards base. Fore wing white tinged with ochreous brown, the costal area rather whiter. Hind wing white faintly tinged with ochreous on costal half; a fine dark terminal line.

♀. Fore wing more strongly suffused with ochreous brown leaving a distinct white costal fascia narrowing to apex.

ALGERIA, Hammam-es-Salahin (*Walsingham*), 1 ♂, 1 ♀ type. *Exp.* 26–32 mm.

(6) †*SALURIA PAUCIGRAPHELLA*.

Baroda paucigraphella Rag. Nouv. Gen. p. 48 (1888); id. Rom. Mém. viii. p. 348, pl. 38. f. 5; Hmps. Moths Ind. iv. p. 60.

BENGAL, Calcutta; BOMBAY, Kutch; MADRAS.

b. Antennæ of male pectinate with short uniseriate branches; palpi oblique.

(7) †*SALURIA HEMIPHÆALIS*.

Saluria hemiphæalis Hmps. J. Bomb. Nat. Hist. Soc. xxi. p. 1251 (1912).

CEYLON.

(8) †*SALURIA SEMIROSELLA*, sp. n.

Head whitish suffused with rufous; thorax pale purplish pink

with some rufous on shoulders; abdomen white tinged with red-brown, dorsally fulvous yellow towards base; pectus and legs white tinged with red-brown. Fore wing with the inner half pale purplish pink, the veins finely streaked with white; the cell and area beyond it red-brown below the white costal fascia narrowing to apex; the costal edge red-brown towards base, then pale pink to beyond middle. Hind wing white tinged with red-brown, the cilia whiter with a red-brown line near base.

SIERRA LEONE (*Clements*), 1 ♂, 2 ♀; UGANDA, Nakwai Hills (*Lowe*), 1 ♂, Gondokoro (*Reymes-Cole*), 1 ♂ type. *Exp.* 16–20 mm.

c. Antennæ of male strongly serrate; palpi downcurved.

(9) †*SALURIA MINUTELLA*.

Saluria minutella Hmps. J. Bomb. Nat. Hist. Soc. xv., p. 20 (1903).

BOMBAY; CEYLON, sp. n.

(10) †*SALURIA NILGIRIENSIS*, sp. n.

♂. Head and thorax pale rufous; abdomen white tinged with rufous; antennæ with some black in the ridge of scales; pectus, legs, and ventral surface of abdomen brown. Fore wing with the inner half creamy white suffused with rufous varying to purplish pink; the upper part of cell and area beyond it brown below the white costal fascia narrowing to apex; the costal edge brown towards base, then irrorated with rufous; a rather oblique post-medial series of short dark streaks on veins 6 to 1 and a terminal series of slight dark points. Hind wing white tinged with brown especially on costal area, the cilia whiter with a slight brown line near base.

MADRAS, Nilgiris, Pykara (*Andrewes*), 4 ♂ type. *Exp.* 26–28 mm.

d. (*Poujadia*). Antennæ of male laminate; palpi oblique.

(11) *SALURIA SEPICOSTELLA*.

Poujadia sepicostella Rag. Nouv. Gen. p. 42 (1888); id. Rom. Mém. viii. p. 345, pl. 36. f. 2; Hmps. Moths Ind. iv. p. 58.

FORMOSA; PUNJAB; BORNEO, Pulo Laut.

(12) *SALURIA CLARICOSTELLA*.

Poujadia claricostella Rag. Nouv. Gen. p. 42 (1888); id. Rom. Mém. viii. p. 345, pl. 36. f. 26.

GOLD COAST; BR. C. AFRICA.

(13) †*SALURIA GLAREOSELLA*.

Anerastia glareosella Zell. Verh. zool.-bot. Ges. Wien, 1872,

p. 553; Rag. Rom. Mém. viii. p. 345, pl. 37. f. 19; Dyar, Cat. Lep. N. Am. p. 438.

U.S.A., Texas.

(14) †*SALURIA STICTOPHORA*, sp. n.

Head and thorax reddish brown; abdomen whitish tinged with brown, dorsally fulvous yellow towards base; antennæ of male with the ridge of scales black; pectus, legs, and ventral surface of abdomen white mixed with brown. Fore wing whitish suffused with brown and thickly irrorated with dark brown; a white costal fascia slightly irrorated with dark brown and rather diffused below; a small round black discoidal spot; an indistinct rather diffused blackish postmedial line not quite reaching the costa; cilia with a fine white line at base. Hind wing whitish suffused with brown.

MASHONALAND, Salisbury (*Marshall*), 1 ♂, 1 ♀ type. *Exp.* 20 mm.

(15) *SALURIA SPURCELLA*.

Poujadia spurcella Rag. Nouv. Gen. p. 42 (1888); id. Rom. Mém. viii. p. 346, pl. 37. f. 4; Hmps. Moths Ind. iv. p. 59.

PUNJAB; BOMBAY; MADRAS; BURMA; LABUAN.

(16) †*SALURIA INFICITA*.

Acrobasis inficita Wlk. xxvii. 30 (1863); Hmps. Moths Ind. iv. p. 58; Rag. Rom. Mém. viii. p. 346, pl. 44. f. 18.

TRANSVAAL; MADRAS; CEYLON.

(17) †*SALURIA FLAVICOSTA*, sp. n.

Head rufous; thorax grey-brown, the tegulæ dorsally rufous; abdomen grey-brown, the 2nd and 3rd segments dorsally fulvous yellow, the anal segment pale yellow; antennæ brown; palpi yellow with black patch on 2nd segment above; pectus, legs, and ventral surface of abdomen grey-brown and whitish. Fore wing dark brown glossed with grey; a narrow pale yellow costal fascia, the costal edge dark towards base. Hind wing pale grey-brown, the cilia whitish with a brown line near base.

SIERRA LEONE (*Clements*), 1 ♂; N. NIGERIA, Zungeru (*Macfie*), 1 ♂ type. *Exp.* 16 mm.

(18) **SALURIA FLOSCCELLA*.

Atacoea floscella Hulst, Trans. Am. Ent. Soc. xvii. p. 210 (1890); Rag. Rom. Mém. viii. p. 346, pl. 51. f. 4; Dyar, Cat. Lep. N. Am. p. 438.

U.S.A., Texas.

(19) †*SALURIA STICTELLA*, sp. n.

♂. Head and thorax brownish ochreous; abdomen ochreous

white, dorsally fulvous yellow towards base; palpi white below towards base; pectus, legs, and ventral surface of abdomen white, the legs tinged with brown. Fore wing white tinged with ochreous brown except the costal area to discal fold, irrorated with black scales, the costal and inner areas less irrorated; small obliquely placed black antemedial spots in and below the cell and a discoidal spot; a postmedial series of black points on veins 6 to 1 and a terminal series of slight black points. Hind wing white tinged with ochreous brown.

BAHAMAS, Andros (*Bonhote*), 1 ♂ type. *Exp.* 16 mm.

(20) *SALURIA OCHRIDORSELLA*.

Poujadia ochridorsella Rag. Nouv. Gen. p. 42 (1888); id. Rom. Mém. viii. p. 347, p. 37. f. 1; Hmps. Moths Ind. iv. p. 58.

PUNJAB; BENGAL; CEYLON.

(21) †*SALURIA ROSELLA*.

Poujadia rosella Hmps. Moths Ind. iv. p. 59 (1896); id. Rom. Mém. viii. p. 347, pl. 51. f. 20.

MADRAS, Nilgiris.

(22) †*SALURIA VERECUNDELLA*.

Poujadia verecundella Rag. Rom. Mém. viii. p. 347, pl. 37. f. 2 (1901).

COLOMBIA; S. BRAZIL; ARGENTINA.

(23) †*SALURIA LENTISTRIGELLA*, sp. n.

Head and thorax white, the tegulæ except dorsally and the patagia slightly tinged with rufous; abdomen white slightly tinged with rufous, dorsally fulvous yellow towards base. Fore wing chalky white, the veins defined by slight streaks of red-brown scales and the inner area slightly irrorated with red-brown; a faint rufous shade below median nervure; a small rather diffused round blackish spot on vein 1 and slight obliquely placed postmedial spots on veins 2 and 1; a fine punctiform blackish terminal line; cilia chequered with blackish near base except towards tornus. Hind wing white with fine brown terminal line except towards tornus.

SIERRA LEONE (*Clements*), 1 ♂; GOLD COAST, Bibianaha (*Spurrell*), 2 ♂, 1 ♀ type. *Exp.* 22–24 mm.

(24) †*SALURIA DESERTELLA*, sp. n.

♀. Head and thorax white faintly tinged with rufous; abdomen white, dorsally fulvous yellow towards base. Fore wing white tinged with ochreous, the cilia whiter. Hind wing white.

N. AUSTRALIA, Alexandria (*Stalker*), 3 ♀; W. AUSTRALIA, Sherleck R. (*Clements*), 1 ♀ type. *Exp.* 22–32 mm.

PROC. ZOOL. SOC.—1918, No. VII.

B. (*Eumoorea*). Antennæ of male laminate, without sinus and ridge of scales at base of shaft.

(25) **SALURIA ANCHRIDIS*.

Eumoorea anchridis Dyar, Insec. Inscit. Mentr. v. p. 91 (1917).
BR. GUIANA.

(26) †*SALURIA FLAVIPURPURELLA*, sp. n.

♂. Head and thorax rufous mixed with ochreous; abdomen ochreous rufous, dorsally fulvous yellow towards base; pectus and legs white suffused with brown; ventral surface of abdomen brown, whitish at base. Fore wing with creamy white costal fascia narrowing to apex, the costal edge blackish at base, defined below by dark brown followed by deep purple-pink to just below the cell and vein 4, the inner half of wing yellow. Hind wing ochreous white, the apical area tinged with brown.

PARAGUAY, Sapucay (*Foster*), 1 ♂ type. *Exp.* 16 mm.

SECT. II. Maxillary palpi of male filiform.

A. Antennæ of male with a sinus at base of shaft containing a ridge of scales.

a. Antennæ of male pectinate with rather long uniseriate branches to about half length; palpi downcurved.

(27) †*SALURIA PARANENSIS*.

Pectinigeria paranensis Hmps. Rom. Mém. viii. p. 355, pl. 55.
f. 6 (1901).

S. BRAZIL.

(28) **SALURIA MUSÆELLA*.

Pectinigeria musæella Schaus, A. M. N. H. (8) xi. p. 239 (1913).
COSTA RICA.

(29) †*SALURIA TENUICOSTA*, sp. n.

Head and thorax rufous tinged with pale pink; abdomen ochreous, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen whitish suffused with red-brown. Fore wing pale purplish red sparsely irrorated with black; a narrow white costal fascia defined below by blackish to beyond middle; a terminal series of slight dark points. Hind wing white, tinged with ochreous brown on costal area and termen.

PARAGUAY, Sapucay (*Foster*), 1 ♂, 1 ♀ type. *Exp.* 18 mm.

(30) *SALURIA PLEUROSTICHA*.

Hypsotropa pleurosticha Turner, Pr. R. Soc. Queensl. xviii.
p. 115 (1903).

QUEENSLAND.

(31) †*SALURIA NEURICELLA*, sp. n.

Head and thorax rufous mixed with some whitish; abdomen

ochreous white, dorsally fulvous yellow towards base; pectus and legs white suffused with brown. Fore wing rufous tinged with purplish pink, the veins streaked with white. Hind wing whitish suffused with ochreous brown, the cilia whiter.

QUEENSLAND, Peak Downs, 1 ♂, 1 ♀ type. *Exp.* 22 mm.

b. Antennæ of male laminate and ciliated.

a'. (*Goya*). Palpi oblique, the 3rd joint porrect.

(32) *SALURIA ALBIVENELLA*.

Goya albivenella Rag. Nouv. Gen. p. 43 (1888); id. Rom. Mém. viii. p. 349, pl. 37. f. 6.

S. BRAZIL; ARGENTINA.

(33) **SALURIA VARICOSELLA*.

Goya varicosella Rag. Nouv. Gen. p. 43 (1888); id. Rom. Mém. viii. p. 350, pl. 37. f. 7.

GAMBIA.

(34) †*SALURIA PROLEUCELLA*, sp. n.

♂. Head and thorax white suffused with red-brown; abdomen white tinged with red-brown, dorsally fulvous yellow towards base. Fore wing white tinged and irrorated with red-brown, the veins finely streaked with white; a white costal fascia slightly irrorated with red-brown, narrowing to apex. Hind wing creamy white, the costal area faintly tinged with brown.

GOLD COAST, Accra (*Sir G. Carter*), 1 ♂ type. *Exp.* 22 mm.

(35) †*SALURIA GRAMMIVENA*, sp. n.

Head, thorax, and abdomen white suffused with red-brown; pectus, legs, and ventral surface of abdomen white irrorated with red-brown. Fore wing white thickly irrorated with red-brown, the veins strongly streaked with white and defined on each side by fine red-brown streaks; cilia whitish. Hind wing white tinged with red-brown.

N. AUSTRALIA, Alexandria (*Stalker*), 1 ♂; W. AUSTRALIA, Sherlock R. (*Clements*), 1 ♀ type. *Exp.* 26 mm.

b'. (*Pectinigeria*). Palpi downcurved.

(36) *SALURIA NIGRITELLA*.

Pectinigeria nigritella Rag. Rom. Mém. viii. p. 353, pl. 37. f. 13 (1901).

GABOON; N. RHODESIA.

(37) **SALURIA ARDIFERELLA*.

Altoona ardiferella Hulst, Ent. Am. iv. pl. 118 (1888); Rag. Rom. Mém. viii. p. 506, p. 24. f. 14; Dyar, Cat. Lep. N. Am. p. 439.

Aurora nigromaculella Hulst, J. N. Y. Ent. Soc. viii. p. 224 (1900); Dyar, Cat. Lep. N. Am. p. 438.

U.S.A., Texas, Colorado, California, N. Mexico, Arizona.

(38) *SALURIA DEVYLDERI*.

Pectinigeria devylderi Rag. Nouv. Gen. p. 43 (1888); id. Rom. Mém. viii. p. 354, pl. 37. f. 10.

N. RHODESIA; DAMARALAND; NATAL.

(39) *SALURIA ARCTICOSTELLA*.

Pectinigeria arcticostella Rag. Nouv. Gen. p. 43 (1888); id. Rom. Mém. viii. p. 354, pl. 37. f. 9.

N. NIGERIA; ZANZIBAR.

(40) **SALURIA FURVELLA*.

Pectinigeria furvella Rag. Nouv. Gen. p. 43 (1888); id. Rom. Mém. viii. p. 355, pl. 37. f. 11.

MADAGASCAR.

(41) *SALURIA MACRELLA*.

Pectinigeria macrella Rag. Nouv. Gen. p. 44 (1888); id. Rom. Mém. viii. p. 355, pl. 37. f. 16.

BR. C. AFRICA; NATAL.

(42) *SALURIA SUBCARNELLA*.

Pectinigeria subcarnella Rag. Nouv. Gen. p. 44 (1888); id. Rom. Mém. viii. p. 356, pl. 37. f. 15.

N. NIGERIA; TRANSVAAL; NATAL; CAPE COLONY.

(43) *SALURIA GEMMATELLA*.

Spermatophora gemmatella Hulst, Ent. Am. iii. p. 134 (1887); Rag. Rom. Mém. viii. p. 356, pl. 37. f. 12; Dyar, Cat. Lep. N. Am. p. 438.

U.S.A., Illinois, Colorado, California.

(44) †*SALURIA RHODOPHÆA*, sp. n.

♀. Head and thorax vinous purple; abdomen fulvous tinged with brown except dorsally towards base; palpi, pectus, legs, and ventral surface of abdomen red-brown. Fore wing vinous purple with a slight whitish streak on subcostal nervure tending to fork at extremity and defined below by a dark fascia extending through the cell to apex. Hind wing ochreous white tinged with brown especially towards costa.

TRANSVAAL (*Pead*), 1 ♀ type. *Exp.* 24 mm.

(45) †*SALURIA SUBCOSTELLA*, sp. n.

♀. Head and thorax deep rufous mixed with some whitish especially on metathorax; abdomen fulvous with slight whitish

segmental lines and the extremity whitish; pectus, legs, and ventral surface of abdomen whitish suffused with red-brown. Fore wing whitish tinged with red-brown; the costal edge dark brown to well beyond middle; a white costal fascia narrowing to apex, defined below by a dark brown fascia. Hind wing ochreous white tinged with brown especially towards costa.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♀ type. *Exp.* 30 mm.

(46) †*SALURIA DISTICTELLA*, sp. n.

♂. Head and thorax whitish, the vertex of head, tegulæ and patagia suffused with red-brown; antennæ tinged with dark brown; palpi with some blackish scales at side of 2nd joint; abdomen white, dorsally fulvous yellow towards base; legs tinged with red-brown. Fore wing white tinged with flesh-pink; a pure white costal fascia narrowing to apex and defined below by rufous which is rather diffused below; an antemedial red-brown point on vein 1 and medial point in submedian fold. Hind wing white.

QUEENSLAND, Brisbane, 1 ♂ type *Exp.* 20 mm.

(47) †*SALURIA RUFELLA*, sp. n.

♀. Head and thorax rufous; abdomen whitish suffused with brown, dorsally fulvous yellow towards base; pectus and legs whitish suffused with rufous. Fore wing uniform rufous. Hind wing ochreous white.

BENGAL, Oudh (*Pilcher*), 1 ♀ type. *Exp.* 26 mm.

(48) †*SALURIA OPIFICELLA*.

Anerastia opificella Zell. Stett. Ent. Zeit. 1867, p. 406; Hmps. Moths Ind. iv. p. 60; Rag. Rom. Mém. viii. p. 357, pl. 44. f. 16.

KASHMIR; BENGAL; CEYLON; BURMA.

(49) **SALURIA BREVICULELLA*.

Saluria breviculella Hmps. J. Bomb. Nat. Hist. Soc. xii. p. 308 (1898); id. Rom. Mém. viii. p. 358, pl. 37. f. 14.

BOMBAY.

B. Antennæ of male without sinus and ridge of scales at base of shaft.

a. (*Parramatta*). Hind wing with vein 8 anastomosing with 7; antennæ of male laminate and ciliated.

(50) *SALURIA DICHROELLA*.

Saluria dichroella Rag. Ent. Am. v. p. 113 (1889); id. Rom. Mém. viii. p. 363, pl. 39. f. 1; Dyar, Cat. Lep. N. Am. p. 439.

U.S.A., Texas.

(51) **SALURIA NEOTOMELLA*.

Eucarphia neotomella Meyr. Proc. Linn. Soc. N. S. W. iv. p. 226 (1879); Rag. Rom. Mém. viii. p. 363, pl. 37. f. 25.

N. S. WALES.

(52) **SALURIA OSTREELLA*.

Saluria ostreella Rag. N. Am. Phyc. p. 18 (1887); id. Rom. Mém. viii. p. 362, pl. 38. f. 6; Dyar, Cat. Lep. N. Am. p. 438.
U.S.A., Arizona.

(53) †*SALURIA TETRADELLA*.

Anerastia tetradella Zell. Verh. zool.-bot. Ges. Wien, 1872, p. 552; Rag. Rom. Mém. viii. p. 362, pl. 42. f. 23; Dyar, Cat. Lep. N. Am. p. 439.
U.S.A., Texas, Colorado.

(54) *SALURIA HOLOCHROA*.

Poujadia holochroa Turner, Pr. R. Soc. Queensl. xviii. p. 121 (1903).
W. AUSTRALIA; VICTORIA.

(55) **SALURIA CANCELLIELLA*.

Saluria cancelliella Rag. Nouv. Gen. p. 44 (1888); id. Rom. Mém. viii. p. 363, pl. 37. f. 23.
BRAZIL.

(56) **SALURIA ENSIFERELLA*.

Eucarphia ensipherella Meyr. Proc. Linn. Soc. N.S. W. iii. p. 209 (1878); Rag. Rom. Mém. viii. p. 366, pl. 39. f. 2.
N. S. WALES.

b. Hind wing with vein 8 not anastomosing with 7.

a'. (*Saluria*). Antennæ of male pectinate with long uniseriate branches.

(57) **SALURIA PECTIGERELLA*.

Saluria pectigerella Rag. Ann. Soc. Ent. Fr. 1887, p. 259; id. Rom. Mém. viii. p. 360, pl. 37. f. 24; Staud. Cat. Lep. Pal. ii. p. 13.

W. TURKESTAN.

(58) *SALURIA MACULIVITTELLA*.

Saluria maculivittella Rag. Ann. Soc. Ent. Fr. 1887, p. 258; id. Rom. Mém. viii. p. 361, pl. 38. f. 7; Staud. Cat. Lep. pal. ii. p. 13.

Saluria armeniella Rag. Nouv. Gen. p. 44 (1888).

ALGERIA; TUNIS; ARMENIA; CYPRUS; W. TURKESTAN; CEYLON.

(59) †*SALURIA PULVEROSA*.

Poujadia pulverosa Hmps. Moths Ind. iv. p. 60 (1896); id. Rom. Mém. viii. p. 361, pl. 37. f. 3.
SIND.

(60) **SALURIA MAGNESIELLA*.

Saluria magnesiella Rag. Nouv. Gen. p. 44 (1888); id. Rom. Mém. viii. p. 360, pl. 37. f. 18; Staud. Cat. Lep. pal. ii p. 13

W. TURKESTAN.

b'. Antennæ of male serrate and ciliated.

(61) †*SALURIA MESOMELANELLA*, sp. n.

♀. Head purple-red and black-brown; thorax purple-red and whitish; abdomen whitish suffused with brown, dorsally rufous towards base; pectus, legs, and ventral surface of abdomen whitish suffused with red-brown and dark brown. Fore wing whitish tinged with purplish pink, the costa and termen deep purple-crimson, the medial area suffused with black except at costa, and the costa defined below by black; an antemedial black point on vein 1 with a purple-pink shade below it on inner margin; the inner edge of the medial black area obliquely curved and its outer edge bent inwards below submedian fold; cilia pale fuscous. Hind wing white tinged with brown especially at termen, the cilia with a fine brown line near base.

TRANSVAAL, White R. (Cooke), 1 ♀ type. Exp. 28 mm.

(62) *SALURIA TRIPARTELLA*.

Saluria tripartella Rag. Rom. Mém. viii. p. 359, pl. 39. f. 19 (1901).

TRANSVAAL; NATAL; BASUTOLAND.

(63) *SALURIA CALLIRHODA*.

Poujadia callirhoda Turner, Pr. R. Soc. Queensl. xviii. p. 120 (1903).

QUEENSLAND.

(64) †*SALURIA INTERPUNCTELLA*, sp. n.

Head, thorax, and abdomen ochreous suffused with rufous; pectus, legs, and ventral surface of abdomen reddish ochreous mixed with brown. Fore wing ochreous suffused with rufous; the veins white defined on each side by fine black-brown streaks, the submedian fold and vein 1 defined by fine rufous streaks; the costal edge black towards base; an antemedial black point on vein 1, a point in lower angle of cell, an oblique postmedial series in the interspaces, incurved below submedian fold and a terminal series. Hind wing ochreous with a fine brownish terminal line except towards tornus.

MASHONALAND (*Dobbie*), 2 ♂, 2 ♀ type; TRANSVAAL, Kranspruit (*Janse*), 1 ♀, Pretoria (*Distant*), 1 ♀. Exp. 20–24 mm.

(65) †*SALURIA INSIGNIFICELLA*, sp. n.

♀. Head and thorax white mixed with red-brown; abdomen white tinged with brown, dorsally fulvous yellow towards base.

Fore wing whitish tinged with red-brown, especially towards costa; the costa narrowly white. Hind wing white tinged with red-brown.

PARAGUAY, Sapucay (*Foster*), 1 ♀ type *Exp.* 18 mm.

Auctorum.

- Atascosa quadricolorella* Dyar, Proc. Ent. Soc. Wash. vi. p. 114 (1904). Sect. *Poujadia* U.S.A., N. Mexico.
Poujadia pimella Dyar, J. N. Y. Ent. Soc. xiv. p. 31 (1906).
 U.S.A., Arizona.
Pectinigeria pamponerella Dyar, Proc. Ent. Soc. Wash. x. p. 107 (1908) U.S.A., Colorado.
Ollia parvella Dyar, J. N. Y. Ent. Soc. xiv. p. 31 (1906). Sect. *Saluria* U.S.A., Texas.
Ollia honoponerella Dyar, Proc. Ent. Soc. Wash. x. p. 107 (1908). Sect. *Saluria* U.S.A., Arizona.
Ollia santaritella Dyar, J. N. Y. Ent. Soc. xii. pp. 107-8 (1904).
 Sect. *Saluria* U.S.A., Arizona.
Poujadia leuconeura Turner, Pr. R. Soc. Queensl. xxiv. p. 118 (1913). ? Sect. *Paramatta* N. AUSTRALIA.
Pectinigeria violodis Dyar, Pr. U. S. Nat. Mus. xlvii. p. 347 (1913) PANAMA.
Poujadia cyttarella Dyar, Pr. U. S. Nat. Mus. xlvii. p. 347 (1913) PANAMA.

Genus PROPHTASIA.

Type.

Prophtasia Rag. Ann. Soc. Ent. Fr. 1887, p. 259... *platycerella*.

Proboscis aborted and minute; palpi typically obliquely upturned, the 3rd joint porrect; maxillary palpi filiform; frons smooth, with slight tuft of scales; antennæ of male typically laminate, the shaft slightly curved at base and without distinct ridge of scales. Fore wing long and narrow, the apex rounded, the termen evenly curved; veins 2 and 3 typically from angle of cell; 4, 5 stalked; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from well before angle of cell; 3 and 5 from angle, typically approximated for some distance, 4 absent; 6, 7 shortly stalked; 8 typically not anastomosing with 7.

SECT. I. Fore wing with veins 2, 3 from a point at angle of cell; hind wing with vein 8 not anastomosing with 7.

(1) PROPHTASIA PLATYCERELLA.

Prophtasia platycerella Rag. Ann. Soc. Ent. Fr. 1887, p. 259; id. Rom. Mém. viii. p. 252, pl. 37. f. 8; Staud. Cat. Lep. pal. ii. p. 13.

ARMENIA.

SECT. II. Fore wing with vein 2 from well before angle of cell, 3 from before angle; hind wing with veins 3 and 5 not approximated towards base.

- A. Hind wing with vein 8 anastomosing with 7; palpi obliquely upturned and hardly reaching to vertex of head, the maxillary palpi filiform; antennæ of male with the shaft slightly curved at base and without distinct ridge of scales.

(2) †PROPHTASIA SPHALMATELLA, sp. n.

♂. Head and thorax black-brown tinged with grey; abdomen brownish ochreous, dorsally fulvous yellow towards base, ventrally grey-brown. Fore wing black-brown mixed with some grey, especially on inner area; a pure white fascia on costal area, leaving the costa black-brown and not reaching the apex; an indistinct diffused dark antemedial spot on vein 1 and oblique postmedial line. Hind wing whitish suffused with brown; a darker terminal line and white line at base of cilia.

MASHONALAND, Salisbury (*Marshall*), 1 ♂ type. *Exp.* 28 mm.

(3) †PROPHTASIA EPITEUXIS, sp. n.

♂. Head and thorax glossy black-brown; abdomen grey suffused with brown; palpi white below towards base; pectus, legs, and ventral surface of abdomen black-brown, the femora and tibiæ streaked with white. Fore wing glossy black-brown, the inner area tinged with grey; a pure white costal fascia, narrowing to apex; an indistinct diffused dark antemedial line from cell to inner margin and oblique postmedial line. Hind wing grey suffused with fuscous; a slight punctiform dark terminal line and white line at base of cilia.

BURMA, Hsipaw (*de Nicéville*), 2 ♂ type. *Exp.* 24–28 mm.

(4) †PROPHTASIA GLAUCOPHÆA, sp. n.

Head and thorax grey-brown tinged with white; abdomen white suffused with grey-brown; palpi white in front except towards tips; pectus, legs, and ventral surface of abdomen white mixed with some brown. Fore wing pale grey-brown, black-brown towards the rather broad white costal fascia which does not narrow to apex. Hind wing creamy white slightly tinged with brown.

KASHMIR (*Pilcher*), 1 ♂; PUNJAB, Kangra (*Dudgeon*), 1 ♂, Moghal Sarai (*Betton*), 1 ♂; BENGAL, Oudh (*Pilcher*), 1 ♂; SIND, Karáchi (*Swinhoe*), 1 ♀; MADRAS, Belgaum (*Watson*), 1 ♂ type. *Exp.* 18–22 mm.

(5) †PROPHTASIA AMPHICHEA, sp. n.

Head and thorax grey-brown mixed with white; abdomen white tinged with brown; pectus and legs white mixed with brown. Fore wing pale purplish brown mixed with white, the costal area broadly white with slight brown irroration; indistinct diffused dark curved ante- and postmedial lines except towards

costa; two slight blackish discoidal spots. Hind wing white tinged with brown; a slight dark spot at upper angle of cell and fine terminal line; cilia whiter.

SIERRA LEONE (*Clements*), 1 ♂, 4 ♀; N. NIGERIA, Minna (*Macfie*), 1 ♂ type, Zungeru (*Simpson*), 1 ♀. *Exp.* 16–20 mm.

B. Hind wing with vein 8 not anastomosing with 7.

a. Palpi of male obliquely upturned to above vertex of head and hollowed out to receive the brush-like maxillary palpi, the 3rd joint porrect; antennæ serrate with sinus at base of shaft containing a large ridge of scales.

(6) †PROPHTASIA PYROSTROTA, sp. n.

♂. Head and thorax creamy white suffused with rufous; abdomen, pectus, and legs creamy white. Fore wing ochreous white irrorated with fiery red, the costal fascia only defined by a red-brown fascia below it from base to apex; minute antemedial black streaks on median nervure and vein 1 and an oblique post-medial series; two slight black discoidal spots; a terminal series of black points. Hind wing creamy white.

PUNJAB, Kangra Valley, 4500' (*Dudgeon*), 1 ♂ type. *Exp.* 26 mm.

b. Palpi of female downcurved and extending about three times length of head.

(7) PROPHTASIA BISTRIATELLA.

Cayuga bistriatella Hulst, Trans. Am. Ent. Soc. xvii. p. 209 (1890); Dyar, Cat. Lep. N. Am. p. 438.

Peoria discostrigella Dyar, Proc. Ent. Soc. Wash. vi. p. 115 (1904).

U.S.A., N. Mexico, Arizona.

Genus AURORA.

Aurora Rag. N. Am. Phyc. p. 18 (1887)..... Type. *longipalpella*.

Proboscis aborted and minute; palpi porrect, extending about four times length of head, thickly fringed with hair, the 2nd joint slightly downcurved; maxillary palpi slight and filiform; frons smooth, with long pointed tuft of hair; antennæ of female minutely ciliated. Fore wing long and narrow, the apex rounded, the termen obliquely curved; vein 3 from close to angle of cell; 4, 5 strongly stalked; 6 from below upper angle; 8, 9, 10 stalked; 11 from cell. Hind wing with vein 2 from close to angle of cell; 3 and 5 stalked, 4 absent; 6, 7 shortly stalked; 8 anastomosing with 7.

†AURORA LONGIPALPELLA.

Aurora longipalpella Rag. N. Am. Phyc. p. 18 (1887); id. Rom. Mém. viii. p. 337, pl. 44. f. 2; Dyar, Cat. Lep. N. Am. p. 437.

U.S.A.

Genus FOSSIFRONTIA.

Type.

Fossifrontia Hmps. Rom. Mém. viii. p. 388
(1901) *leuconeurella*.

Proboscis absent; palpi upturned to about middle of frons, thickly scaled and hollowed out to receive the brush-like maxillary palpi; frons with truncate conical prominence hollowed out in front; antennæ of male uniserrate and ciliated, the shaft with large sinus and ridge of scales at base; fore femora with tuft of hair above, the mid tibiæ fringed with long hair on outer side. Fore wing narrow, the apex rounded, the termen evenly curved; vein 3 from before angle of cell; 4, 5 stalked; 6 from below upper angle; 8, 9, 10 stalked; 11 from cell; the male with small fold on underside from medial part of costa fringed with large scales and with some androconia below it above, in and below the cell. Hind wing with vein 2 from towards angle of cell; 3 and 5 from angle and closely approximated for some distance, 4 absent; 6, 7 shortly stalked; 8 closely approximated to 7 but not anastomosing with it.

FOSSIFRONTIA LEUCONEURELLA.

Fossifrontia leuconeurella Hmps. Rom. Mém. viii. p. 339, pl. 52. f. 19 (1901).

QUEENSLAND, Cooktown, Cedar Bay.

Genus COMMOTRIA.

Type.

Commotria Berg, An. Soc. Arg. xix. p. 278
(1885) *invenustella*.
Mangala Rag. Nouv. Gen. p. 41 (1888)..... *crassiscapella*.
Tolima Rag. Nouv. Gen. p. 41 (1888) *oberthuri*.
Altoona Hulst, Ent. Am. iv. p. 116 (1888) ... *opacella*.
Volusia Hulst, Trans. Am. Ent. Soc. xvii.
p. 206 (1890), nec Rob. Desv. Dipt. 1830 ... *roseopennella*.
Trivolusia Dyar, Cat. Lep. N. Am. p. 438
(1902)..... *roseopennella*.

Proboscis absent; palpi downcurved, extending about three times length of head and thickly scaled; maxillary palpi slight and filiform; frons rounded and with short tuft of hair; antennæ of male typically unipectinate, the apical part ciliated, the shaft with ridge of scales above at base. Fore wing long and narrow, the apex rounded, the termen obliquely curved; vein 3 from angle of cell; 4, 5 stalked; 6 from below upper angle; 8, 9, 10 stalked; 11 from cell. Hind wing with vein 2 from angle of cell; 3 and 5 strongly stalked, 4 absent; 6, 7 shortly stalked; 8 anastomosing with 7.

SECT. I. (*Commotria*.) Antennæ of male unipectinate, the apical part ciliated.

(1) *COMMOTRIA MESIELLA*, sp. n.

Head and thorax purple-pink mixed with some whitish; abdomen pale fulvous yellow, ochreous white at base and extremity; pectus, legs, and ventral surface of abdomen whitish tinged with purple. Fore wing purple-pink, the veins white defined on each side by fine brown streaks, the white on median nervure stronger and more strongly defined by black-brown below; a minute black-brown spot at upper angle of cell and point at lower angle. Hind wing whitish tinged with ochreous brown.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 9 ♂, 3 ♀ type. *Exp.* 20–22 mm.

(2) *COMMOTRIA LATICOSTELLA*.

Commotria laticostella Hmps. Rom. Mém. viii. p. 343, pl. 52. f. 14 (1901).

BRAZIL, Amazons.

(3) *COMMOTRIA INVENUSTELLA*.

Commotria invenustella Berg, An. Soc. Arg. xix. p. 278 (1885); Rag. Rom. Mém. viii. p. 343, pl. 36. f. 24.

S. BRAZIL; ARGENTINA.

(4) *COMMOTRIA ARRHABDELLA*, sp. n.

♀. Head and thorax pale red-brown; abdomen whitish tinged with red-brown, dorsally fulvous yellow towards base; pectus and legs whitish tinged with red-brown. Fore wing pale flesh-red slightly irrorated with dark scales; a terminal series of slight dark points.

PERU, R. Pachaya, 1 ♀ type. *Exp.* 24 mm.

SECT. II. (*Tolima*.) Antennæ of male serrate.

(5) **COMMOTRIA ROSEOPENNELLA*.

Volusia roseopennella Hulst, Trans. Am. Ent. Soc. xvii. p. 206 (1890); Rag. Rom. Mém. viii. p. 340, pl. 51. f. 3; Dyar, Cat. Lep. N. Am. p. 438.

U.S.A., Florida.

(6) **COMMOTRIA OBERTHURI*.

Tolima oberthurii Rag. Nouv. Gen. p. 41 (1888); id. Rom. Mém. viii. p. 341, pl. 38. f. 4.

COLOMBIA.

(7) **COMMOTRIA OPACELLA*.

Anerastia opacella Hulst, Ent. Am. iii. p. 138 (1887); Rag. Rom. Mém. viii. p. 341, pl. 36. f. 23; Dyar, Cat. Lep. N. Am. p. 438.

U.S.A., Texas.

(8) †COMMOTRIA PHYCITELLA.

Tolima phycitella Rag. Nouv. Gen. p. 41 (1888); id. Rom. Mém. viii. p. 341, pl. 44. f. 17.

GOLD COAST.

SECT. III. (*Mangala*.) Antennæ of male laminate and ciliated.

(9) †COMMOTRIA TRIPARTELLA, sp. n.

♀. Head and thorax purple-pink; abdomen white, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen white tinged with purplish pink; anal tuft yellow below. Fore wing with white costal fascia narrowing to apex leaving the costal edge dark towards base, then pinkish, defined below by a dark reddish-brown fascia, the inner half of wing rose-pink, whiter towards inner margin. Hind wing white.

N. CHINA, Pekin (*Hughes*), 1 ♀ type. *Exp.* 20 mm.

(10) †COMMOTRIA NEURIAS, sp. n.

Head and thorax white suffused with red-brown; abdomen white, dorsally tinged with fulvous yellow towards base; pectus and legs white tinged with brown. Fore wing white tinged with reddish brown, the veins white defined on each side by slight dark brown streaks; the costal area defined below by a brown shade; obliquely placed almost medial dark brown points in submedian fold and on vein 1; a dark point just above lower angle of cell; obliquely placed postmedial dark points on veins 6 to 2 and in submedian fold and a point nearer the termen on vein 1; a terminal series of black points. Hind wing white slightly tinged with ochreous brown.

N. NIGERIA, Zungeru (*Macfie*), 1 ♂; BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂, 1 ♀ type. *Exp.* 16 mm.

(11) †COMMOTRIA ERYTHROGRAPTA, sp. n.

♂. Head and thorax white tinged with rufous; abdomen white tinged with ochreous yellow; pectus and legs white mixed with red-brown. Fore wing white tinged with rufous, the veins and submedian fold white defined on each side by slight rufous streaks; the costal area defined below by a dark brown streak and a dark streak below basal half of median nervure; obliquely placed almost medial dark points below the cell and on vein 1; a dark point just above lower angle of cell and obliquely placed postmedial dark points on veins 6 to 2. Hind wing white with a slight ochreous tinge.

BR. C. AFRICA, Katungas (*de Jersey*), 1 ♂ type. *Exp.* 20 mm.

(12) †COMMOTRIA RUFIMEDIA, sp. n.

♂. Head and thorax white tinged with red-brown; abdomen creamy white. Fore wing white faintly tinged with rufous and irrorated with fuscous; a rufous shade below median nervure;

a minute antemedial black spot on vein 1 and minute discoidal spot; an oblique postmedial series of black points on veins 4 to 2 and a point on vein 1; a terminal series of black points. Hind wing white tinged with ochreous.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂ type. *Exp.* 16 mm.

(13) †COMMOTRIA RHODONEURA, sp. n.

♀. Head and thorax rufous; abdomen whitish tinged with rufous; palpi whitish below; fore legs red-brown; mid and hind legs whitish tinged with rufous. Fore wing yellowish white, the veins streaked with purplish pink and the costal area suffused with purplish pink; a black antemedial point on vein 1, a discoidal point and postmedial points on veins 4, 2, 1; a terminal series of black points. Hind wing white tinged with ochreous rufous.

TRANSVAAL, White R. (*Cooke*), 1 ♀ type. *Exp.* 20 mm.

(14) †COMMOTRIA RUFIDELINEATA, sp. n.

Head and thorax whitish suffused with rufous; abdomen creamy white, dorsally fulvous yellow towards base; pectus and legs white tinged with red-brown. Fore wing ochreous white, the veins defined on each side by fine rufous streaks, the costal area defined below by a slight rufous shade; two antemedial blackish points on vein 1 and obliquely placed postmedial points on veins 4 to 1; a terminal series of black points. Hind wing ochreous white.

BR. E. AFRICA, Nairobi (*Anderson*), 1 ♀ type; BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂. *Exp.* 24 mm.

(15) †COMMOTRIA MIOSTICTA, sp. n.

♂. Head and thorax white tinged with rufous; abdomen creamy white, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen white suffused with brown. Fore wing white tinged with rufous, the veins white defined on each side by fine rufous streaks; the costal edge blackish towards base; the costal area defined below by a slight red-brown shade; a black point just above lower angle of cell. Hind wing white slightly tinged with ochreous.

SIERRA LEONE (*Clements*), 1 ♂ type. *Exp.* 22 mm.

(16) *COMMOTRIA CRASSISCAPELLA.

Mangala crassiscapella Rag. Nouv. Gen. p. 41 (1888); id. Rom. Mém. viii. p. 342, pl. 37. f. 17.

SUDAN.

(17) †COMMOTRIA PHENICIAS, sp. n.

♂. Head and thorax whitish suffused with rufous; abdomen yellowish white; pectus and legs whitish suffused with brown. Fore wing white very thickly irrorated with deep purple-pink,

the lower part of cell and the area just beyond it much whiter, the costa tinged with brown; a small black-brown discoidal spot; the veins towards termen with slight brown streaks. Hind wing yellowish white, the costa tinged with brown towards apex.

N. NIGERIA, Zungeru (*Macfie*), 1 ♂; UGANDA, Katesa (*Betton*), 1 ♂ type. *Exp.* 20–22 mm.

(18) †COMMOTRIA ROSELLA, sp. n.

Head and thorax bright rose-pink; abdomen ochreous; pectus whitish; legs and abdomen pink. Fore wing bright rose-pink mixed with some whitish except on costal area, the median nervure and veins beyond the cell with fine deep pink streaks; a small deep pink spot on upper discocellular; cilia fuscous at apex. Hind wing pale ochreous, the costa and cilia at apex tinged with pink.

Ab. 1. Fore wing with a dark reddish-brown shade along subcostal nervure and thence to apex, the spot on upper discocellular dark brown.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 4 ♂, 5 ♀ type. *Exp.* 22–26 mm.

(19) †COMMOTRIA ALBINERVELLA, sp. n.

♀. Head and thorax pale purplish pink; abdomen ochreous white, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen whitish tinged with pink. Fore wing pale purple-pink, the veins streaked with white; the costal area white tinged with pink, narrowing to apex and defined below by a slight brown shade; a slight dark point at upper angle of cell. Hind wing white with a slight ochreous tinge.

RHODESIA, Bulawayo (*Eyles*), 1 ♀ type. *Exp.* 20 mm.

(20) †COMMOTRIA VENOSELLA, sp. n.

♂. Head, thorax, and abdomen whitish suffused with rufous; fore femora and tibiæ black-brown in front. Fore wing whitish suffused with purplish rufous and slightly irrorated with blackish in the interspaces; the veins prominently streaked with white. Hind wing ochreous whitish, with a slight reddish-brown terminal line except towards tornus.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂ type. *Exp.* 30 mm.

(21) †COMMOTRIA RHODOCHROA, sp. n.

♂. Head and thorax pale rose-pink; abdomen ochreous white, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen whitish suffused with red-brown. Fore wing pale rose-pink, the costal area with a slight red-brown tinge; the veins streaked with white and defined on each side by fine deeper pink streaks. Hind wing ochreous white.

NATAL, Tugela R., Bonds' Drift (*Reynolds*), 1 ♂ type. *Exp.* 26 mm.

(22) †COMMOTRIA CASTANEIPARS, sp. n.

♀. Head, thorax, and abdomen deep red-brown; hind tibiae white towards base. Fore wing with narrow white costal fascia narrowing to a point before apex, the area below it deep chestnut-brown to median nervure and vein 2, the inner area purplish pink. Hind wing red-brown.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♀ type. *Exp.* 22 mm.

(23) †COMMOTRIA PROPHÆELLA, sp. n.

♀. Head and thorax pale flesh-red; abdomen ochreous; palpi tinged with brown; pectus and legs whitish suffused with brown. Fore wing pale flesh-red, the costal area broadly suffused with brown, extending on basal half to median nervure; the veins beyond the cell finely streaked with brown. Hind wing ochreous white.

BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♀ type. *Exp.* 22 mm.

(24) †COMMOTRIA PHLEBICELLA, sp. n.

♀. Head and thorax pale flesh-pink mixed with some whitish; abdomen whitish, dorsally tinged with fulvous-yellow towards base; pectus, legs, and ventral surface of abdomen white tinged with brown. Fore wing pale flesh-pink, the costal area broadly suffused with brown, extending to the median nervure towards base; the costal edge and veins finely streaked with white. Hind wing ochreous white.

MASHONALAND, Salisbury (*Marshall*), 2 ♀ type. *Exp.* 26 mm.

(25) †COMMOTRIA ENERVELLA, sp. n.

♂. Head and thorax whitish suffused with pale flesh-red; abdomen ochreous white. Fore wing whitish suffused with pale purplish pink and the costal half tinged with brown; the veins, except on inner area, streaked with white and defined on each side by fine brown streaks. Hind wing white tinged with brown except towards base and inner margin.

FORMOSA, Takow (*Wileman*), 1 ♂ type. *Exp.* 18 mm.

Genus SIBOGA.

Siboga Hmps. Rom. Mém. viii. p. 338 (1901)..... ^{Type.} *falsella*.

Proboscis aborted and minute; palpi upturned, the 2nd joint reaching to vertex of head and hollowed out to receive the brush-like maxillary palpi, the 3rd joint moderate and porrect; frons with conical prominence; antennæ of male typically serrate and ciliated, the basal joint elongate, the shaft with double ridge of scales at base above enclosing a hollow. Fore wing long and narrow, the apex rounded, the termen obliquely curved; vein 3 from close to angle of cell; 4, 5 strongly stalked; 6 from below upper angle; 8, 9, 10 stalked; 11 from cell. Hind wing with

vein 2 from well before angle of cell ; 3 and 5 stalked, 4 absent ; 6, 7 shortly stalked ; 8 not anastomosing with 7.

SECT. I. Antennæ of male unipectinate with moderate branches, the apical part ciliated.

(1) *SIBOGA ALBIMEDIELLA*, sp. n.

Head and thorax white tinged with pink and brown ; abdomen ochreous, the first three segments ochreous on dorsum. Fore wing pale pink, the veins streaked with white ; the costal area tinged with brown ; a white fascia from base to termen above median nervure and vein 5. Hind wing white slightly tinged with ochreous especially towards termen.

PUNJAB, Simla, 1 ♂ type. *Exp.* 26 mm.

SECT. II. (*Siboga*.) Antennæ of male serrate and ciliated.

(2) **SIBOGA FALSELLA*.

Hypstropa falsella Snell. Midden-Sumatra Lep. p. 82 (1880) ; Rag. Rom. Mém. viii. p. 338, pl. 38. f. 3.

SUMATRA.

SECT. III. Antennæ of male laminate and almost simple.

(3) †*SIBOGA DIALEUCELLA*, sp. n.

♂. Head and thorax white, suffused with rufous except on vertex of head and dorsum of thorax ; abdomen creamy white, dorsally fulvous yellow towards base ; palpi white in front ; pectus and legs white slightly tinged with red-brown. Fore wing white suffused with rufous ; the veins white defined on each side by fine rufous streaks, the median nervure defined below by a rufous fascia ; a white fascia through the cell, then narrower along discal fold to termen. Hind wing ochreous white.

KASHMIR, Goorais Valley (*Leech*), 1 ♂ type. *Exp.* 24 mm.

(4) †*SIBOGA ZEAVORA*, sp. n.

♀. Head, thorax, and abdomen whitish suffused with rufous, the last dorsally fulvous yellow towards base. Fore wing whitish tinged with rufous, the veins defined on each side by streaks formed of red-brown scales, the cell with two streaks in it ; the inner margin irrorated with red-brown ; a terminal series of prominent black points. Hind wing ochreous white with a terminal series of brown striæ except towards tornus.

MALAY STATES, 1 ♀ type. *Exp.* 30 mm.

Larva feeds on maize.

Genus EMATHEUDES.

Ematheudes Zell. Stett. Ent. Zeit. 1867, p. 385 ... ^{Type.} *punctella*.

Proboscis aborted and minute; palpi downcurved, extending about three times length of head and thickly scaled; maxillary palpi minute and filiform; frons with large tuft of scales; antennæ of male minutely serrate and ciliated. Fore wing narrow, the apex rounded, the termen evenly curved; vein 3 from close to angle of cell; 4, 5 stalked; 6 from below upper angle; 8, 9, 10 stalked; 11 from cell. Hind wing with vein 2 from well before angle of cell; 3 and 5 stalked, 4 absent; 6, 7 shortly stalked; 8 not anastomosing with 7.

(1) EMATHEUDES PUNCTELLA.

Chilo punctella Treit. Schmett. Eur. ix. 2, p. 268 (1833); Dup. Lép. Fr. pl. 273. f. 4; Herr.-Schäff. Eur. Schmett. iv. p. 108, Tin. f. 85; Rag. Rom. Mém. viii. p. 333; Staud. Cat. Lep. pal. ii. p. 13.

S. FRANCE; SPAIN; CORSICA; ITALY; SICILY; MOROCCO; GREECE; TURKEY; CYPRUS; ASIA MINOR; SYRIA.

(2) *EMATHEUDES PSEUDOPUNCTELLA.

Ematheudes pseudopunctella Rag. Nouv. Gen. p. 40 (1888); id. Rom. Mém. viii. p. 334, pl. 36. f. 22; Staud. Cat. Lep. pal. ii. p. 13. SYRIA. Probably an aberration of *E. punctella*.

(3) EMATHEUDES STRAMINELLA.

Ematheudes straminella Snell. Tijd. v. Ent. 1872, p. 107, pl. 8. f. 9.

GAMBIA; SIERRA LEONE; ANGOLA; BR. C. AFRICA; PORTUGUESE E. AFRICA.

(4) †EMATHEUDES LENTISTRIGALIS.

Emmatheudes lentistrigalis Hmpsn. Tr. Zool. Soc. xix. p. 134, pl. iv. f. 65 (1909).

GOLD COAST; N. NIGERIA; BR. E. AFRICA; UGANDA; BR. C. AFRICA.

(5) EMATHEUDES PALEATELLA.

Ematheudes puleatella Rag. Nouv. Gen. p. 40 (1888); id. Rom. Mém. viii. p. 334, pl. 36. f. 20.

BR. E. AFRICA; UGANDA; BR. C. AFRICA; MASHONALAND; TRANSVAAL; NATAL; BASUTOLAND; CAPE COLONY.

(6) EMATHEUDES TUNESIELLA.

Ematheudes tunesiella Rag. Iris, v. p. 298 (1892); id. Rom. Mém. viii. p. 335, pl. 42. f. 22; Staud. Cat. Lep. pal. ii. p. 13.

S. ITALY; TUNIS; SYRIA; W. TURKESTAN.

(7) *EMATHEUDES CRASSINOTELLA*.

Ematheudes crassinotella Rag. Nouv. Gen. p. 41 (1888); id. Rom. Mém. viii. p. 335, pl. 35. f. 26.

ZANZIBAR; BR. E. AFRICA; MASHONALAND; NATAL.

(8) **EMATHEUDES VARICELLA*.

Ematheudes varicella Rag. Ann. Soc. Ent. Fr. 1887, p. 258; id. Rom. Mém. viii. p. 336, pl. 35. f. 27; Staud. Cat. Lep. pal. ii. p. 13.

ARMENIA; W. TURKESTAN.

(9) **EMATHEUDES VITELLINELLA*.

Ematheudes vitellinella Rag. Ann. Soc. Ent. Fr. 1887, p. 258; id. Rom. Mém. viii. p. 336, pl. 49. f. 22; Staud. Cat. Lep. pal. ii. p. 13.

ASIA MINOR, Georgia.

(10) **EMATHEUDES EUCHLYTELLA*.

Ematheudes euchlytella Rag. Nouv. Gen. p. 41 (1888); id. Rom. Mém. viii. p. 337, pl. 36. f. 21.

ARGENTINA.

Genus *BIAFRA*.

Biafra Rag. Nouv. Gen. p. 40 (1888)..... Type.
concinnella.

Proboscis aborted and minute; palpi downcurved, extending about three times length of head and moderately scaled; maxillary palpi slightly dilated with scales; frons smooth, with large pointed tuft of hair; antennæ of male minutely serrate and ciliated, the basal joint rather long, the shaft with double ridge of scales at base enclosing a hollow. Fore wing very narrow, the apex rounded, the termen obliquely curved; vein 3 from near angle of cell; 4, 5 separate; 6 from below upper angle; 8, 9, 10 stalked; 11 from cell. Hind wing with vein 2 from near angle of cell; 3 and 5 stalked, 4 absent; 6, 7 shortly stalked; 8 anastomosing with 7.

(1) *BIAFRA CONCINNELLA*.

Biafra concinnella Rag. Nouv. Gen. p. 40 (1888); id. Rom. Mém. viii. p. 330, pl. 38. f. 2.

N. NIGERIA; BR. C. AFRICA; MASHONALAND; TRANSVAAL; NATAL.

(2) †*BIAFRA RHODINELLA*.

Biafra rhodinella Rag. Nouv. Gen. p. 40 (1888); id. Rom. Mém. viii. p. 381, pl. 44. f. 20.

GOLD COAST; N. NIGERIA; MASHONALAND; TRANSVAAL.

Genus ETHIOTROPA, nov.

Type, *E. pyromerella*.

Proboscis aborted and minute; palpi porrect and slightly downcurved, extending about twice the length of head, the 2nd joint fringed with rough scales below, the 3rd moderate; maxillary palpi strongly dilated with scales; frons smooth, with pointed tuft of hair above; antennæ of male somewhat laminate and minutely ciliated, the basal joint long, the shaft with ridge of scales above at base. Fore wing long and very narrow, the apex rounded, the termen obliquely curved; veins 3, 4 stalked on one side of the specimen from a point on the other; 5 separate; 6 from below upper angle; 8, 10, 11 stalked, 9 absent. Hind wing with vein 2 from well before angle of cell; 3 and 5 from angle and approximated for some distance, 4 absent; 6, 7 shortly stalked; 8 anastomosing with 7.

ETHIOTROPA PYROMERELLA, sp. n.

♂. Head, tegulæ, and base of patagia fiery red, the rest of thorax brownish ochreous; abdomen ochreous white, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen whitish suffused with brown. Fore wing with whitish costal fascia narrowing to apex, the costal edge fiery red to beyond middle, defined below by a black-brown fascia; the rest of wing fiery red. Hind wing white tinged with ochreous brown.

N. NIGERIA, Akassa (*Lugard*), 1 ♂ type. *Exp.* 22 mm.

Genus BAPTOTROPA, nov.

Type, *B. tricolorella*.

Proboscis aborted and minute; palpi porrect and slightly downcurved, extending about three times length of head, the 2nd joint fringed with rough scales above, the 3rd moderate; maxillary palpi minute and filiform; frons smooth and rounded, without tuft of hair; antennæ of male strongly uniserrate, the basal joint long, the shaft with double ridge of scales at base enclosing a hollow. Fore wing narrow, the apex rounded, the termen evenly curved; vein 3 from before angle of cell; 4, 5 from angle; 6 from below upper angle; 8, 9, 10 stalked; 11 from cell. Hind wing with vein 2 from well before angle of cell; 3 and 5 from angle, 4 absent; 6, 7 shortly stalked; 8 anastomosing with 7.

†BAPTOTROPA TRICOLERELLA.

Patna tricolorella Hmps. J. Bomb. N. H. Soc. xii, p. 308 (1899); Rag. Rom. Mém. viii. p. 340, pl. 52. f. 15.

ASSAM, Khâsis.

Genus PATNA.

Patna Rag. Nouv. Gen. p. 39 (1888)..... ^{Type.} *eboricostella*.

Proboscis absent; palpi porrect and almost straight, extending about three times length of head, the 2nd joint slightly fringed with hair above towards extremity, the 3rd moderate; maxillary palpi small and filiform; frons smooth and rounded, without tuft of hair; antennæ of female almost simple. Fore wing rather narrow, the costa typically almost straight, the apex rounded, the termen evenly curved; vein 3 from near angle of cell; 4, 5 from angle and approximated for a short distance; 6 from below upper angle; 8, 9, 10 stalked; 11 from cell. Hind wing with vein 2 from well before angle of cell; 3 and 5 from angle, 4 absent; 6, 7 from upper angle; 8 not anastomosing with 7.

(1) PATNA EBORICOSTELLA.

Patna eboricostella Rag. Nouv. Gen. p. 39 (1888); Hmps. Moths Ind. iv. p. 57; Rag. Rom. Mém. viii. p. 330, pl. 38. f. 1.

SIKHIM; BHUTÁN.

(2) †PATNA VENATELLA, sp. n.

♀. Head and thorax pale rufous; palpi whitish except above; pectus, legs, and abdomen whitish tinged with red-brown. Fore wing white, the veins, discal fold in the cell and the submedian fold defined by fine purplish-pink streaks; a minute dark brown spot just above lower angle of cell; a terminal series of black points. Hind wing white slightly tinged with ochreous.

BR. E. AFRICA, Tagas (*Betton*), 1 ♀, Aios (*Betton*), 1 ♀ type. *Exp.* 32 mm.

(3) †PATNA BRUNNEICOSTELLA, sp. n.

♀. Head and thorax pale flesh-pink; abdomen ochreous white; palpi, pectus, legs, and ventral surface of abdomen whitish suffused with red-brown. Fore wing white, the costal area tinged with brown, the area below the cell and vein 2 suffused with pale pink; the veins white, those beyond the cell defined on each side by fine pink streaks, the median nervure and vein 2 defined below by stronger streaks; a dark point in lower angle of cell. Hind wing ochreous white.

TRANSVAAL, White R. (*Cooke*), 1 ♀ type. *Exp.* 32 mm.

Genus MEGALOPHOTA, nov.

Type, *M. leonella*.

Proboscis absent; palpi obliquely upturned, the 2nd joint reaching to above vertex of head, dilated and hollowed out to receive the brush-like maxillary palpi, the 3rd minute; frons

with long truncate conical prominence; antennæ of male pectinate with rather long uniseriate branches to near apex, the shaft with large sinus at base containing a double ridge of scales enclosing a hollow. Fore wing rather long and narrow, the apex rounded, the termen evenly curved; vein 2 from well before angle of cell; 3 from before angle; 4, 5 from angle; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from well before angle of cell; 3 and 5 stalked, 4 absent; 6, 7 shortly stalked; 8 not anastomosing with 7.

MEGALOPHOTA LEONELLA, sp. n.

♂. Head and thorax ochreous white with a slight red-brown tinge on shoulders, the antennal tufts black on inner side; abdomen ochreous; pectus and legs ochreous white tinged with red-brown. Fore wing ochreous white irrorated with brown, the costal area slightly irrorated to near apex. Hind wing ochreous white.

SIERRA LEONE (*Dudgeon*), 1 ♂ type. *Exp.* 20 mm.

Genus MARTIA.

<i>Martia</i> Rag. N. Am. Phyc. p. 18 (1887)	Type. <i>arizonella</i> .
<i>Urula</i> Hulst, Can. Ent. xxxii. p. 175 (1900)	<i>arizonella</i> .

Proboscis absent; palpi with the 2nd joint porrect, extending about twice the length of head, the 3rd rather oblique, long, slender, and somewhat acute at extremity; maxillary palpi slight and filiform; frons with large truncate conical prominence; antennæ of male minutely serrate and with fascicles of long cilia. Fore wing rather narrow, the apex rounded, the termen evenly curved; vein 2 from long before angle of cell; 3 from before angle; 5 from above angle; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from long before angle of cell; 3 and 5 from angle, approximated for a short distance, 4 absent; 6, 7 from upper angle; 8 not anastomosing with 7.

MARTIA ARIZONELLA.

Martia arizonella Rag. N. Am. Phyc. p. 18 (1887); id. Rom. Mém. viii. p. 367, pl. 38. f. 20; Dyar, Cat. Lep. N. Am. p. 439.

Urula incongruella Hulst, Can. Ent. xxxii. p. 175 (1900); Dyar, Cat. Lep. N. Am. p. 437.

U.S.A., Colorado, Arizona.

Genus DISCOFRONTIA.

<i>Discofrontia</i> Hmps. Rom. Mém. viii. p. 350 (1901).	Type. <i>normella</i> .
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Proboscis aborted and minute; palpi upturned, the 2nd joint reaching to vertex of head and moderately scaled and flattened,

the 3rd moderate; maxillary palpi slight and filiform; frons broad, with a disk of concentric white scales converging to middle; antennæ of male strongly serrate, with a large sinus and ridge of scales at base of shaft. Fore wing rather narrow, the apex rounded, the termen evenly curved; vein 2 from well before angle of cell; 3 from before angle; 4, 5 from angle: 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from before angle of cell; 3 and 5 from angle, 4 absent; 6, 7 from upper angle; 8 not anastomosing with 7.

*DISCOFRONTIA NORMELLA.

Discofrontia normella Hmps. Rom. Mém. viii. p. 350, pl. 52. f. 20 (1901).

NATAL.

Genus CRITONIA.

Type.

Critonia Rag. Bull. Soc. Ent. Fr. 1890, p. ccxiv. *subconcinella*.

Singhalia Hmps. J. Bomb. Nat. Hist. Soc. xii.

p. 309 (1898); id. Rom. Mém. viii. p. 351

(1901) *sarcoglaucia*.

Proboscis aborted and minute; palpi typically downcurved, extending about three times length of head and moderately scaled; maxillary palpi small and filiform; frons smooth and with slight tuft of hair; antennæ of male typically serrate and fasciculate, the shaft with sinus at base containing a large ridge of scales. Fore wing rather long and narrow, the apex rounded, the termen evenly curved; vein 3 from before angle of cell; 4, 5 from just above angle; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell, 10 approximated to 8, 9. Hind wing with veins 3 and 5 from angle of cell and approximated for a short distance, 4 absent; 6, 7 shortly stalked; 8 not anastomosing with 7.

SECT. I. Palpi of male obliquely upturned, the 2nd joint hollowed out to receive the brush-like maxillary palpi, the 3rd short; antennæ laminate, with large sinus and ridge of scales at base of shaft.

(1) †CRITONIA PHÆONEURA, sp. n.

♂. Head and thorax whitish suffused with red-brown; abdomen ochreous white, dorsally fulvous yellow towards base; pectus and legs whitish tinged with brown. Fore wing whitish tinged with red-brown, the veins except on inner area blackish defined on each side by fine white streaks; the costal area white, narrowing to apex and defined below by a red-brown shade, the costal edge brown to beyond middle and the veins on costal area finely streaked with black; a minute antemedial black spot on vein 1, a point at middle of submedian fold and minute post-medial streaks above vein 2 and on vein 1; cilia flesh-white with

series of minute black streaks near base except towards tornus. Hind wing whitish tinged with brown especially on costal area and at termen.

FORMOSA, Banshorio (*Wileman*), 1 ♂ type. *Exp.* 18 mm.

(2) †CRITONIA PROMELÆNA.

Critonia promelæna Hmpsn. J. Bomb. Nat. Hist. Soc. xii. p. 309 (1898); id. Rom. Mém. viii. p. 366, pl. 51. f. 23.

SIKHIM.

(3) †CRITONIA PURPUREOTINCTA.

Critonia purpureotincta Hmpsn. Moths Ind. iv. p. 61 (1896); id. Rom. Mém. viii. p. 365, pl. 51. f. 22.

SIKHIM; BHUTÁN.

(4) †CRITONIA HOLORHODA.

Critonia holorhoda Hmpsn. J. Bomb. Nat. Hist. Soc. xviii. p. 259 (1908).

CEYLON.

SECT. II. Maxillary palpi of male filiform.

A. (*Critonia*). Antennæ of male serrate, with larger sinus and ridge of scales at base of shaft; palpi downcurved and about three times length of head.

(5) *CRITONIA SUBCONCINNELLA.

Critonia subconcinella Rag. Bull. Soc. Ent. Fr. 1890, p. ccxiv; id. Rom. Mém. viii. p. 365, pl. 6. f. 20.

BURMA.

(6) †CRITONIA LEUCOPLEURA, sp. n.

♂. Head and thorax whitish suffused with purplish pink; abdomen whitish suffused with ochreous brown; antennæ with the tuft blackish; palpi, pectus, and legs whitish tinged with brown. Fore wing whitish suffused with purplish pink, the veins streaked with blackish, vein 1 only towards termen; the costal area pure white, narrowing to apex and defined below by a blackish shade; the costal edge dark to beyond middle and the interspaces of terminal area with slight dark streaks except towards tornus. Hind wing whitish, the costal area broadly suffused with brown.

BASUTOLAND, Maseru (*Crawshay*), 1 ♂ type. *Exp.* 26 mm.

(7) †CRITONIA ROSEISTRIGELLA.

Critonia roseistrigella Hmpsn. Moths Ind. iv. p. 61 (1896); id. Rom. Mém. viii. p. 365, pl. 51. f. 21.

MADRAS, Nilgiris; PHILIPPINES, Luzon.

(8) CRITONIA OCHRACEALIS.

Critonia ochracealis Hmps. J. Bomb. Nat. Hist. Soc. xxi. p. 1251 (1912).

PUNJAB, Kangra ; MADRAS, Nilgiris.

(9) *CRITONIA HILGERTI.

Pectinigeria hilgerti Roths. Nov. Zool. xxii. p. 236.

ALGERIA.

B. Antennæ of male laminate and without sinus and ridge of scales at base of shaft.

a. (*Singhalia*.) Palpi of male with the 2nd joint obliquely upturned to vertex of head and thickly scaled, the 3rd porrect, long and blunt.

(10) †CRITONIA SARCOGLAUCA.

Critonia sarcoglaucæ Hmps. Moths Ind. iv. p. 60 (1896); id. Rom. Mém. viii. p. 351, pl. 51. f. 24.

CEYLON.

b. Palpi of male downcurved and extending about three times length of head.

(11) CRITONIA RHODESSA.

Saluria rhodessa Turner, Pr. R. Soc. Queensl. xviii. p. 120 (1903).

QUEENSLAND.

(12) †CRITONIA SARCOIDA, sp. n.

Head and thorax purplish pink, the head and shoulders tinged with brown; abdomen ochreous white, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen ochreous tinged with brown. Fore wing purplish pink, the costal area tinged with brown; the veins, discal fold in the cell, and submedian fold white defined on each side by fine purplish-pink streaks, the median nervure rather more strongly streaked with white and with a brown streak below it. Hind wing ochreous white, the costal area tinged with brown.

BR. E. AFRICA, Njora (*Cholmley*), 1 ♂; BR. C. AFRICA, Mt. Mlanje (*Neave*), 3 ♀; PORTUGUESE E. AFRICA, Kola Valley (*Neave*), 3 ♀; MASHONALAND, Salisbury (*Marshall*), 1 ♀; TRANSVAAL (*Pead*), 1 ♂ type. *Exp.* 28–34 mm.

Genus MONOCTENOCERA.

Type.

Monoctenocera Hmps. J. Bomb. Nat. Hist. Soc. xii.

p. 310 (1898); id. Rom. Mém. viii. p. 311 (1901). *brachiella*.

Proboscis aborted and minute; palpi obliquely upturned, the 2nd joint reaching to just above vertex of head and hollowed out to receive the brush-like maxillary palpi, the 3rd short and

thickly scaled; frons smooth, with large tuft of hair; antennæ of male unipectinate, typically with very short branches, the apical part serrate, the shaft with large sinus and ridge of scales at base; mid and hind tibiæ typically fringed with long hair. Fore wing narrow, the apex rounded, the termen evenly curved; vein 3 from close to angle of cell; 4, 5 strongly stalked; 6 from below upper angle; 8, 9, 10 stalked; 11 from cell. Hind wing with vein 3 closely approximated to 4, 5 for some distance; 4, 5 strongly stalked; 6, 7 shortly stalked; 8 anastomosing with 7.

SECT. I. Antennæ of male with the branches long; mid tibiæ fringed with hair at base only, the hind tibiæ at extremity only.

(1) MONOCTENOCERA LEUCANIA.

Catagela leucania Feld. Reis. Nov. pl. 137. f. 13 (1874); Hmps. Moths Ind. iv. p. 63; id. Rom. Mém. viii. p. 312, pl. 51. f. 17.

Hab. MADRAS, Nilgiris; TRAVANCORE; CEYLON.

SECT. II. Antennæ of male with short branches towards base, then serrate: mid and hind tibiæ fringed with long hair throughout.

(2) MONOCTENOCERA BRACHIELLA.

Polyocha brachiella Hmps. J. Bomb. Nat. Hist. Soc. xii. p. 310 (1898); id. Rom. Mém. viii. p. 312, pl. 36. f. 6.

Hab. SIKKIM; BENGAL, Calcutta; BORNEO.

Genus SABORMA.

Saborma Rag. Nouv. Gen. p. 37 (1887) ^{Type.} *forcipella*.

Proboscis aborted, minute; palpi of male upturned to about vertex of head, slender, typically hollowed out to contain the brush-like maxillary palpi; frons smooth; antennæ of male typically strongly serrate, with sinus and large double ridge of scales at base. Fore wing narrow, the apex rounded, the termen evenly curved; vein 3 from close to angle of cell; 4, 5 strongly stalked; 6 from below upper angle; 8, 9, 10 stalked; 11 from cell. Hind wing with vein 3 approximated for some distance to 4, 5 which are strongly stalked; 6, 7 shortly stalked; 8 not anastomosing with 7.

SECT. I. Palpi of male with the 2nd joint hollowed out to receive the brush-like maxillary palpi; antennæ serrate.

(1) *SABORMA FORCIPELLA.

Saborma forcipella Rag. Nouv. Gen. p. 37 (1888); id. Rom. Mém. viii. p. 310, pl. 35. f. 22.

SUMATRA.

(2) *SABORMA VICINA.

Anerastia vicina Saalm. Ber. Senck. Ges. 1879, p. 307; id. Lep. Madag. p. 511; Rag. Rom. Mém. viii. p. 309, pl. 42. f. 21.

MADAGASCAR.

SECT. II. Maxillary palpi of male filiform; antennæ laminate and ciliated.

(3) †SABORMA PAPUACOLA, sp. n.

♂. Head and thorax whitish tinged with red-brown; abdomen whitish tinged with brown, dorsally fulvous yellow towards base; antennæ with the tuft blackish on inner side; pectus and legs whitish tinged with brown. Fore wing white tinged with ochreous brown, the veins, discal fold in the cell, and the submedian fold white defined on each side by streaks formed of blackish scales; a terminal series of black points. Hind wing ochreous white with terminal series of dark points and striæ.

DUTCH N. GUINEA, Mimika R. (*Wollaston*), 3 ♂ type. *Exp.* 26–30 mm.

Genus OSACIA.

Osakia Rag. Rom. Mém. viii. p. 318 (1901) Type. *lineolella*.

Proboscis aborted and minute; palpi obliquely upturned to about vertex of head, moderately scaled; maxillary palpi each a minute brush of scales; frons smooth and rounded; antennæ of male ciliated, the shaft with sinus and double ridge of scales at base; tibiæ fringed with hair. Fore wing rather narrow, the apex rounded, the termen evenly curved; veins 2 and 3 stalked from before angle of cell; 4, 5 separate; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 3 from angle of cell; 4 and 5 strongly stalked; 6, 7 strongly stalked; 8 not anastomosing with 7.

*OSACIA LINEOLELLA.

Osakia lineolella Rag. Rom. Mém. viii. p. 319, pl. 43. f. 21 (1901).

JAPAN.

Genus RAGONOTIA.

Ciris Rag. N. Am. Phyc. p. 17 (1887), nec Grote, Type.
Lep. 1863 *dotalis*.
Ragonotia Grote, Can. Ent. xx. p. 75 (1888)..... *dotalis*.

Proboscis aborted and minute; palpi downturned, about three times length of head and rather broadly fringed with scales below; maxillary palpi filiform; frons with small rounded prominence with corneous plate below it; antennæ of male ciliated, the basal joint large. Fore wing long and narrow, the apex rounded, the termen obliquely curved; vein 2 from towards angle of cell; 3 and 5 from close to angle; 6 from below upper

angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from close to angle of cell; 3 approximated for some distance to 4, 5 which are strongly stalked, or 4 rarely absent; 6, 7 stalked; 8 not anastomosing with 7.

RAGONOTIA DOTALIS.

Anerastia dotalis Hulst, Trans. Am. Ent. Soc. xiii. p. 164 (1886); Rag. Rom. Mém. viii. p. 329, pl. 38. f. 19; Dyar, Cat. Lep. N. Am. p. 437.

Ciris discigerella Rag. N. Am. Phyc. p. 17 (1887).

U.S.A., Colorado, Arizona.

Genus POLYCHA.

	Type.
<i>Polyocha</i> Zeller, Isis, 1848, p. 876.....	<i>sanguinariella</i> .
<i>Polyochodes</i> Chretien, Bull. Soc. Ent. Fr. 1911, p. 13.....	<i>stipella</i> .

Proboscis aborted and minute; palpi typically downcurved, extending about three times length of head, the 2nd joint moderately scaled, the 3rd rather long and naked; maxillary palpi dilated with scales; frons smooth, with tuft of scales; antennæ of male typically laminate and without sinus and ridge of scales at base. Fore wing long and narrow, the apex rounded, the termen obliquely curved; vein 3 from close to angle of cell; 4, 5 strongly stalked; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing with vein 2 from close to angle of cell; 3 approximated for some distance to 4, 5 which are strongly stalked; 6, 7 shortly stalked; 8 not anastomosing with 7.

SECT. I. Palpi of male obliquely upturned; antennæ serrate, with sinus and ridge of scales at base of shaft.

(1) †POLYCHA PLINTHOCHROA, sp. n.

Head and thorax bright rufous mixed with some ochreous; abdomen ochreous, dorsally fulvous yellow towards base; antennæ ochreous. Fore wing bright rufous with a faint purplish gloss, some ochreous in lower part of cell and below and just beyond the cell, the veins remaining rufous; a narrow yellowish-white costal fascia, tapering to a point just before apex. Hind wing ochreous white, the costal area and termen tinged with red-brown.

TRANSVAAL, Karina (*Cooke*), 1 ♂ type, White R. (*Cooke*), 1 ♀. *Exp.* 26 mm.

(2) †POLYCHA LEUCOPLEURELLA.

Emmalocera leucopleurella Rag. Nouv. Gen. p. 38 (1888); id. Rom. Mém. viii. p. 317, pl. 44. f. 15.

GOLD COAST; S. & N. NIGERIA; KASHMIR; MADRAS.

(3) †POLYOCHA GENSANALIS.

Emmalocera gensanalis South, Trans. Ent. Soc. 1901, p. 405, pl. xiv. f. 30.

COREA.

SECT. II. Palpi of male downcurved; antennæ without sinus and ridge of scales at base of shaft.

A. (*Polychodes*). Antennæ of male pectinate with uniseriate branches.

(4) *POLYOCHA STIPELLA.

Polychodes stipella Chretien, Bull. Soc. Ent. Fr. 1911, p. 13.

ALGERIA.

B. (*Polyocha*). Antennæ of male laminate.

(5) †POLYOCHA CINERELLA.

Polyocha cinerella Hmps. Moths Ind. iv. p. 62 (1896); id. Rom. Mém. viii. p. 328, pl. 55. f. 4.

PUNJAB; BENGAL.

(6) POLYOCHA VENOSA.

Epischnia venosa Zell. Isis, 1847, p. 31; Herr.-Schäff. Schmett. Eur. iv. p. 109; Rag. Rom. Mém. viii. p. 327; Staud. Cat. Lep. pal. ii. p. 13.

CYPRUS; SYRIA.

(7) POLYOCHA SANGUINARIELLA.

Polyocha sanguinariella Zell. Isis, 1848, p. 876; Rag. Rom. Mém. viii. p. 327, pl. 8. f. 20.

BR. C. AFRICA; MASHONALAND; TRANSVAAL; MADAGASCAR.

(8) POLYOCHA VESCULELLA.

Polyocha vesiculella Rag. Nouv. Gen. p. 39 (1888); id. Rom. Mém. viii. p. 323, pl. 36. f. 11; Hmps. Moths Ind. iv. p. 63.

MADRAS, Palni Hills; TRAVANCORE.

(9) *POLYOCHA FLAGRANTELLA.

Polyocha flagrantella Rag. Rom. Mém. viii. p. 323, pl. 44. f. 24 (1901).

MADAGASCAR.

(10) †POLYOCHA STRIGIVENELLA.

Polyocha strigivenella Hmps. J. Bomb. Nat. Hist. Soc. xii. p. 310 (1898); id. Rom. Mém. viii. p. 322, pl. 51. f. 19.

BURMA.

(11) *POLYOCHA NEUROPTERELLA.

Polyocha neuropterella Rag. Ann. Soc. Ent. Fr. 1887, p. 258; id. Rom. Mém. viii. p. 322, pl. 35. f. 23; Staud. Cat. Lep. pal. ii. p. 13.

W. TURKESTAN.

(12) *POLYOCHA FOUCARTI.

Polyocha foucarti Rag. Ann. Soc. Ent. Fr. 1887, p. 258; id. Rom. Mém. viii. p. 322, pl. 35. f. 24; Staud. Cat. Lep. pal. ii. p. 13.

ALGERIA.

(13) †POLYOCHA ACHROMATELLA, sp. n.

♀. Head and thorax white tinged with ochreous; abdomen white, dorsally fulvous yellow towards base; pectus and legs ochreous white. Fore wing pale ochreous, the veins white, less distinctly so on costal area. Hind wing white.

N. S. WALES, Broken Hill (*Lower*), 3 ♀ type. *Exp.* 28 mm.

(14) *POLYOCHA DETRITELLA.

Polyocha detritella Rag. Nouv. Gen. p. 39 (1888); id. Rom. Mém. viii. p. 326, pl. 36. f. 14; Hmps. Moths Ind. iv. p. 63.

PUNJAB.

(15) †POLYOCHA FUSCICOSTELLA, sp. n.

♀. Head and thorax glossy fuscous brown; abdomen fuscous brown, pale red-brown at sides and extremity; pectus and legs pale red-brown, the tarsi fuscous brown. Fore wing pale red-brown, the costal area broadly glossy fuscous brown and the inner basal area tinged with fuscous brown. Hind wing ochreous white, the costal area tinged with brown.

N. NIGERIA, Zungeru (*Macfie*), 2 ♀ type. *Exp.* 24 mm.

Genus EMMALOCERA.

	Type.
<i>Emmalocera</i> Rag. Nouv. Gen. p. 38 (1888).....	<i>leucocincta</i> .
<i>Lodiana</i> Rag. Nouv. Gen. p. 38 (1888)	<i>umbrivittella</i> .
<i>Papua</i> Rag. Bull. Soc. Ent. Fr. 1889, p. cxx...	<i>latilimbella</i> .

Proboscis aborted and minute; palpi of male typically obliquely upturned to above vertex of head, the 2nd joint hollowed out to receive the brush-like maxillary palpi, the 3rd short and porrect; frons smooth, obliquely flattened; antennæ of male typically with short uniseriate branches, the basal joint large, the shaft with large sinus and ridge of scales at base. Fore wing rather long and narrow, the apex rounded, the termen evenly curved; vein 3 from near angle of cell, 5 from just above angle; 6 from below upper angle; 8, 9 stalked; 10, 11 from cell. Hind wing

with vein 2 from well before angle of cell; 3 approximated for some distance to 4, 5 which are strongly stalked; 6, 7 shortly stalked; 8 not anastomosing with 7.

SECT. I. Palpi of male upturned, the 2nd joint hollowed out to receive the brush-like maxillary palpi; antennæ with sinus and ridge of scales at base of shaft.

A. Antennæ of male with rather long uniseriate branches.

(1) †EMMALOCERA ORNATELLA.

Polyocha ornatella Hmps. J. Bomb. Nat. Hist. Soc. xv. p. 21 (1903).

PUNJAB.

(2) †EMMALOCERA PULVEREALIS.

Polyocha pulverealis Hmps. J. Bomb. Nat. Hist. Soc. xv. p. 20 (1903).

ASSAM.

(3) †EMMALOCERA ENDOPYRELLA, sp. n.

♂. Head ochreous tinged with purplish pink, the antennæ ochreous; thorax bright purplish pink; abdomen fulvous yellow; pectus and legs ochreous tinged with red-brown. Fore wing with narrow pure white costal fascia, the rest of wing bright purplish pink, suffused with red-brown to median nervure and veins 4. Hind wing ochreous white, the costa slightly tinged with brown.

ASSAM, Khâsis, 1 ♂ type. *Exp.* 26 mm.

(4) EMMALOCERA LONGIRAMELLA.

Emmalocera longiramella Hmps. Rom. Mém. viii. p. 315, pl. 52. f. 16 (1901).

QUEENSLAND.

(5) *EMMALOCERA RADIATELLA.

Emmalocera radiatella Hmps. Rom. Mém. viii. p. 315, pl. 52. f. 21 (1901).

QUEENSLAND.

(6) †EMMALOCERA ACTINOLEUCA, sp. n.

♂. Head and thorax pale purplish pink mixed with white; abdomen creamy white, dorsally fulvous yellow towards base; antennæ white; frons, palpi, pectus, and legs white suffused with rufous. Fore wing pale purplish pink, the veins, two streaks in the cell and one in submedian fold white. Hind wing white faintly tinged with ochreous.

SIERRA LEONE (*Clements*), 1 ♂ type. *Exp.* 24 mm.

(7) †EMMALOCERA DEPRESSELLA.

Melissoblastes depressella Swinh. P. Z. S. 1885, p. 876, pl. 57. f. 5; Hmpsn. Moths Ind. iv. p. 63; id. Rom. Mém. viii. p. 324, pl. 36. f. 12.

Polyocha saccharella Dudgeon, J. Bomb. Nat. Hist. Soc. xvi. p. 405 (1905).

ADEN; PUNJAB; BENGAL; BOMBAY. The larva feed on the roots of sugar-cane.

(8) †EMMALOCERA STRIGICOSTELLA.

Polyocha strigicostella Hmpsn. P. Z. S. 1896, p. 270; id. Rom. Mém. viii. p. 315, pl. 31. f. 18.

ADEN.

B. (*Emmalocera*). Antennæ of male with short uniseriate branches.

(9) †EMMALOCERA LEUCOCINCTA.

Crambus leucocinctus Wlk. xxvii. 169 (1863); Hmpsn. Rom. Mém. viii. p. 316, pl. 36. f. 9.

Emmalocera crenatella Rag. Nouv. Gen. p. 38 (1888).

SINGAPORE; BORNEO; PHILIPPINES.

C. (*Papua*). Antennæ of male laminate, serrate towards base.

(10) †EMMALOCERA SANGUIFUSALIS.

Polyocha sanguifusalis Hmpsn. P. Z. S. 1910, p. 493, pl. xl. f. 9.

N. RHODESIA.

(11) †EMMALOCERA AURIFUSELLA.

Crambus aurifusellus Wlk. xxxv. 1756 (1866); Hmpsn. Moths Ind. iv. p. 62; id. Rom. Mém. viii. p. 317, pl. 36. f. 18.

KASHMIR; PUNJAB; BOMBAY; MADRAS.

(12) EMMALOCERA BIFIDELLA.

Polyocha bifidella Wileman, Trans. Ent. Soc. 1911, p. 357, pl. 31. f. 22.

JAPAN.

(13) †EMMALOCERA POLYCHROELLA, sp. n.

Head and thorax ochreous mixed with fiery red; abdomen ochreous; antennæ of male with the tuft blackish on inner side; palpi, pectus, legs, and ventral surface of abdomen ochreous tinged with red-brown. Fore wing with narrow creamy white costal fascia leaving the costal edge red-brown towards base, defined below by a fiery rufous streak to beyond middle, the area below it red-brown to median nervure and vein 4; the inner

half of wing yellow thickly irrorated with fiery red, the terminal half of inner margin tinged with brown.

W. AFRICA (*Dudgeon*), 1 ♂, 1 ♀; S. NIGERIA, Mama (*Dudgeon*), 1 ♂ type. *Exp.*, ♂ 22, ♀ 28 mm.

(14) EMMALOCERA UMBRICOSTELLA.

Emmalocera umbricostella Rag. *Nouv. Gen.* p. 38 (1888); id. *Rom. Mém.* viii. p. 316, pl. 36. f. 10; *Hmps. Moths Ind.* iv. p. 62.

COREA; C. CHINA; SIKHIM; BORNEO, Pulo Laut; PHILIPPINES; JAVA; FLORES; BALI.

(15) EMMALOCERA LUCIDICOSTELLA.

Emmalocera lucidicostella Rag. *Nouv. Gen.* p. 38 (1888); id. *Rom. Mém.* viii. p. 316, pl. 35. f. 20; *Hmps. Moths Ind.* iv. p. 62.

PUNJAB; BENGAL; CEYLON; SUMATRA.

(16) EMMALOCERA ANERASTICA.

Nephoptyx anerastica Snell. *Veth's Midden-Sumatra, Lep.* p. 81 (1880); Rag. *Rom. Mém.* viii. p. 317, pl. 36. f. 8.

SIERRA LEONE; FORMOSA; PUNJAB; NICOBARS; JOHORE; SELANGOR; SINGAPORE; SUMATRA; BORNEO, Pulo Laut; PHILIPPINES; LOUISIADE Is., St. Aignan I.

(17) EMMALOCERA LATILIMBELLA.

Papua latilimbella Rag. *Bull. Soc. Ent. Fr.* 1889, p. ccxx; id. *Rom. Mém.* viii. p. 313, pl. 36. f. 7.

Polyocha rhabdota Turner, *Pr. R. Soc. Queensl.* xviii. p. 122 (1903).

Polyocha achrosta Turner, *Pr. R. Soc. Queensl.* xviii. p. 122 (1903).

N. GUINEA; QUEENSLAND.

D. Antennæ of male laminate, not serrate towards base.

(18) EMMALOCERA LAMINELLA.

Emmalocera laminella *Hmps. Rom. Mém.* viii. p. 318, pl. 51. f. 8 (1901).

SIERRA LEONE; BR. E. AFRICA; BR. C. AFRICA.

SECT. II. Palpi of male downcurved; maxillary palpi filiform.

A. Antennæ of male with sinus and ridge of scales at base of shaft.

a. Antennæ of male with long uniseriate branches.

(19) EMMALOCERA VARIEGATELLA.

Polyocha variegatella Rag. *Nouv. Gen.* p. 39 (1888); id. *Rom. Mém.* viii. p. 326, pl. 36. f. 16; *Hmps. Moths Ind.* iv. p. 63.

PUNJAB.

(20) †EMMALOCERA TRICOLORALIS.

Polyocha variegatella Hmpsn. J. Bomb. Nat. Soc. Hist. xii p. 320 (nec Rag.).

Polyocha tricoloralis Hmpsn. J. Bomb. Nat. Hist. Soc. xv. p. 20 (1903).

SIKKIM; PHILIPPINES.

(21) EMMALOCERA DIVERSELLA.

Polyocha diversella Hmpsn. J. Bomb. Nat. Hist. Soc. xii. p. 310 (1898); Rag. Rom. Mém. viii. p. 324, pl. vi. f. 21.

MADRAS, Nilgiris.

(22) *EMMALOCERA COSTELLA.

Polyocha costella Rag. Nov. Gen. p. 39 (1888); id. Rom. Mém. viii. p. 326, pl. 36. f. 15.

GAMBIA.

(23) EMMALOCERA CREMORICOSTA.

Polyocha cremoricosta Rag. Bull. Soc. Ent. Fr. 1895, p. cii; id. Rom. Mém. viii. p. 325, pl. 51. f. 9; Staud. Cat. Lep. pal. ii. p. 13.

ASIA MINOR; SYRIA.

(24) †EMMALOCERA ERYTHRINELLA.

Polyocha erythrinella Rag. Nouv. Gen. p. 38 (1888); id. Rom. Mém. viii. p. 323, pl. 44. f. 14.

N. NIGERIA; ABYSSINIA; BR. E. AFRICA; BR. C. AFRICA.

(25) *EMMALOCERA CARNATELLA.

Polyocha carnatella Rag. Nouv. Gen. p. 39 (1888); id. Rom. Mém. viii. p. 325, pl. 35. f. 25; Hmpsn. Moths Ind. iv. p. 63.

PUNJAB.

(26) *EMMALOCERA MONOCHROMELLA.

Polyocha monochromella Rag. Nouv. Gen. p. 39 (1888); id. Rom. Mém. viii. p. 325, pl. 36. f. 13; Staud. Cat. Lep. pal. ii. p. 13.

(27) †EMMALOCERA EREMOCHROA, sp. n.

♀. Head and thorax whitish suffused with ochreous brown; abdomen creamy white, dorsally fulvous yellow towards base; pectus, legs, and ventral surface of abdomen white tinged with brown. Fore wing pale ochreous, the costal half and terminal area suffused with brown, the cell and veins beyond it with some whitish irroration, the interspaces beyond the cell with

slight ochreous streaks, the area below the cell with slight red-brown irroration. Hind wing creamy white.

W. AUSTRALIA, Sherlock R. (*Clements*), 1 ♀ type. *Exp.* 44 mm.

b. (*Lodiana*). Antennæ of male serrate.

(28) EMMALOCERA UMBRIVITTELLA.

Lodiana umbrivittella Rag. Nouv. Gen. p. 38 (1888); id. Rom. Mém. viii. p. 319, pl. 35. f. 19; Hmpsn. Moths Ind. iv. p. 62.

Polyocha venosella Wileman, Trans. Ent. Soc. 1911, p. 357.

JAPAN, Yezo; PUNJAB; SIKKIM; ASSAM.

(29) EMMALOCERA ALBICOSTALIS.

Lodiana albicostalis Hmpsn. Trans. Ent. Soc. 1900, p. 375; Staud. Cat. Lep. pal. ii. p. 13.

PALESTINE; PUNJAB.

B. Antennæ of male without sinus and ridge of scales.

(30) EMMALOCERA SUBFASCIATELLA.

Polyocha subfasciatella Rag. Ann. Soc. Ent. Fr. 1887, p. 258; id. Rom. Mém. viii. p. 328, pl. 36. f. 17; Staud. Cat. Lep. pal. ii. p. 13.

ARMENIA; PERSIA.

Auctorum.

Polyocha rhodesiae Strand, Archiv. f. Naturg. 75. 1, 3, p. 384 (1909)..... N. RHODESIA.

GENERA AUCTORUM.

Barberia affinitella Dyar, Proc. Ent. Soc. Wash. vii. p. 39 (1905), nr. *Rhinaphe* U.S.A., Texas.
Cabnia myronella Dyar, J. N. Y. Ent. Soc. xii. p. 108 (1904), nr. *Saluria*..... U.S.A., Washington.
Fondoukia translucidella Chretien, Bull. Soc. Ent. Fr. 1911, p. 11, nr. *Dembea* ALGERIA.
Schenectadia merilesella Dyar, Pr. U.S. Nat. Mus. xlvii. p. 349 (1913), nr. *Tinerastia*..... PANAMA.
Sabormania pia Strand, Arch. Naturg. 78. A. Hft. 12, p. 80 1913. ?=*Monoctenocera*..... SPANISH GUINEA.



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