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VIII.—*Descriptions of New Pyralidæ of the Subfamilies Crambinæ and Siginæ.* By Sir GEORGE F. HAMPSON, Bart., F.Z.S., &c.

[Continued from vol. iii. p. 547.]

(24) *Diatræa flavilinealis*, sp. n.

♂. Head, thorax, and abdomen white mixed with dark brown, the last with some fulvous yellow on dorsum towards base; palpi, pectus, legs, and ventral surface of abdomen suffused with dark brown. Fore wing white tinged with brown and irrorated with rather large black-brown scales; an orange-yellow line curved from costa beyond middle to lower angle of cell, then oblique to middle of inner margin; an orange-yellow subterminal line; cilia white at base, with fuscous line near base, the tips yellowish mixed with dark brown. Hind wing whitish suffused with pale reddish brown, the cilia whiter. Underside suffused with pale red-brown.

*Hab.* BR. C. AFRICA, Mlanje Plateau, 6500' (*Neave*), 1 ♂ type. *Exp.* 16 mm.

(26) *Diatræa perpulverea*, sp. n.

♂. Head and thorax white mixed with some dark reddish brown; abdomen white tinged with brown; antennæ brown, white above; palpi reddish brown mixed with black. Fore wing white tinged with reddish brown and thickly irrorated with dark brown; indistinct curved dark medial and subterminal lines; a terminal



series of black points. Hind wing glossy white with a fine dark terminal line to vein 2. Underside of fore wing and costal area of hind wing suffused with reddish brown.

*Hab.* N. NIGERIA, Minna (*Macfie*), 3 ♂ type. *Exp.* 20 mm.

(28) *Diatræa argyrolepia*, sp. n.

♂. Head and thorax fulvous yellow tinged with dark brown; abdomen whitish tinged with ochreous brown; palpi suffused with dark brown; pectus, legs, and ventral surface of abdomen suffused with ochreous brown. Fore wing fulvous yellow irrorated with black-brown and metallic silver scales; some dark brown suffusion on basal costal area and more or less distinct dark streaks on basal area above and below discal and submedian folds; a more or less complete medial series of small black spots with metallic silver scales on them defined on outer side by a fulvous line, excurved to lower angle of cell, then incurved; the postmedial area with black streaks in the interspaces or black suffusion irrorated with silver scales except towards costa and inner margin; a curved fulvous yellow subterminal line defined on outer side by black points with silver scales on them; a terminal series of small black spots intersected by yellow on the veins; cilia fuscous suffused with metallic silver. Hind wing creamy white faintly tinged with brown; a terminal series of slight black striæ to vein 2. Underside suffused with dark reddish brown except on inner area of hind wing.

♀. Fore wing yellow diffused with rufous and irrorated with dark brown, without the dark suffusion and streaks, the medial series of spots sometimes almost obsolete, the subterminal series and the terminal series of points distinct; the underside of fore wing and costal area of hind wing suffused with pale red-brown except on terminal area.

*Hab.* GOLD COAST, Bibianaha (*Spurrell*), 1 ♂, 3 ♀, Kumasi (*Sanders*), 1 ♀; S. NIGERIA (*Dudgeon*), 1 ♀; BR. E. AFRICA, Victoria Nyanza, Port Ugowe (*Johnston*), 1 ♀; BR. C. AFRICA, Mt. Mlanje (*Neave*), 2 ♂, 4 ♀ type; PORTUGUESE E. AFRICA, Port Amelia (*Beste*), 1 ♂, Kola Valley (*Neave*), 2 ♀, Ruvo Valley (*Neave*), 1 ♀; NATAL, 1 ♀, Weenen, 1 ♂, Durban (*Leigh*), 1 ♀; CAPE COLONY, Annshaw (*Miss F. Barrett*), 1 ♂, 1 ♀. *Exp.*, ♂ 20, ♀ 20-30 mm.

(29) *Diatræa mesoplagalis*, sp. n.

Head and thorax pale ochreous, the patagia irrorated with black; abdomen creamy white tinged with ochreous; antennæ blackish except above; palpi with black mixed; legs irrorated with black. Fore wing pale ochreous irrorated with black, the inner and terminal areas less strongly irrorated, the costal area tinged with rufous; a curved maculate medial band from just below costa to submedian fold irrorated with silver defined by black and with a patch of black suffusion beyond it; two slight black discoidal spots



and the veins beyond the cell defined by slight black streaks; a curved punctiform silver subterminal line; a terminal series of minute black lunules; cilia with fuscous and silvery scales mixed and with a slight black line near base. Hind wing silvery white. Underside of fore wing and costal area of hind wing tinged with red-brown.

*Hab.* SIERRA LEONE (*Clements*), 2 ♂ type; N. NIGERIA, Ilorin (*Macfie*), 1 ♀, Zungeru (*Macfie*), 3 ♀; UGANDA, Gondokoro (*Reymes-Cole*), 1 ♀. *Exp.*, ♂ 22, ♀ 26 mm.

(31) *Diatræa argentisparsalis*, sp. n.

Head and thorax yellow mixed with red-brown; abdomen creamy white, the ventral surface yellowish. Fore wing yellow tinged with red-brown and irrorated with a few black-brown and silver scales; a small black discoidal spot and two minute brown and silver spots below end of cell with a fulvous bar on their outer side; an indistinct curved fulvous subterminal line; a terminal series of minute black spots; cilia blackish mixed with silver. Hind wing glossy white slightly tinged with ochreous. Underside of fore wing and the costal area of hind wing suffused with red-brown.

*Hab.* BR. C. AFRICA, Mt. Mlanje (*Neave*), 3 ♂, 1 ♀ type; MASHONALAND (*Dobbie*), 1 ♀. *Exp.*, ♂ 18, ♀ 20-22 mm.

(32) *Diatræa perfusalis*, sp. n.

♀. Head and thorax yellowish suffused with deep red-brown; abdomen brownish white; pectus, legs, and ventral surface of abdomen suffused with red-brown. Fore wing yellowish strongly suffused with deep red-brown; two small almost conjoined black discoidal spots with a diffused dark brown fascia from them to the indistinct rather diffused curved dark subterminal line; a terminal series of minute black spots. Hind wing creamy white with a slight brown terminal line to submedian fold. Underside of fore wing and the costal area of hind wing suffused with red-brown.

*Hab.* S. NIGERIA, Yorubaland, Ogbomoso (*Sir G. Carter*), 2 ♀ type. *Exp.* 26 mm.

(33) *Diatræa costifusalis*, sp. n.

Head and thorax creamy white mixed with black; abdomen creamy white, the ventral surface brown; pectus and legs suffused with red-brown. Fore wing creamy white tinged with rufous, the costal area broadly suffused with bright red-brown; the basal area below the cell sparsely irrorated with large dark brown and silvery scales and the inner margin towards tornus irrorated with black-brown; a small spot formed by blackish and silvery scales in middle of cell and a curved medial series of similar spots between subcostal nevure and vein 1; two small black discoidal spots; a



subterminal series of minute silver and black spots, hardly traceable on costal half; a terminal series of small black spots; cilia black mixed with whitish. Hind wing glossy white. Underside of fore wing and costal area of hind wing suffused with red-brown.

*Hab.* BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂, 1 ♀ type. *Exp.* 26 mm.

#### Genus CHILOPSIS, nov.

Type, *C. squamata*.

Proboscis small; palpi obliquely porrect, extending about the length of head and thickly scaled; maxillary palpi triangularly dilated with scales; frons smooth, with small tuft of hair; antennæ of male minutely serrate and fasciculate; tibiæ fringed with rather long hair. Fore wing narrow, the costa slightly arched, the apex somewhat produced, the termen obliquely curved; vein 3 from well before angle of cell; 5 from just above angle, the discocellulars curved; 6, 7 very shortly stalked or from cell; 8, 9 stalked; 10, 11 from cell; the cell on underside clothed with long scales. Hind wing with vein 3 from close to angle of cell; 4, 5 from angle or stalked; the discocellulars angled; 6, 7 from from upper angle, 7 anastomosing with 8.

#### *Chilopsis squamata*, sp. n.

♂. Head and thorax ochreous suffused with red-brown, the patagia with a few black scales; abdomen red-brown to beyond middle, then ochreous suffused with red-brown, the ventral surface ochreous irrorated with brown. Fore wing ochreous suffused with red-brown and irrorated with large raised black-tipped scales, the costal area browner; an indistinct diffused slightly sinuous and very oblique brown line from just beyond the cell to inner margin before middle; a more distinct diffused oblique postmedial brown line, slightly excurved below veins 7 and 2; a terminal series of minute black spots; cilia tipped with black except towards tornus. Hind wing ochreous whitish tinged with brown, the inner area suffused with deep red-brown; a brown postmedial shade; a brown terminal line; cilia with a brown line through them; the underside with small black-brown discoidal spot, the postmedial line obsolescent below vein 5.

*Hab.* PERU, Yahuar Mayo, 1 ♂ type. *Exp.* 64 mm.

*Doratoperas vinasella*, Schaus, from Costa Rica, belongs to the same genus, also *Chilo incanellus*, Hampson, from Brazil, and *C. nigristigmellus*, Hampson, from Brazil.

#### (1 b) *Chilo albimarginalis*, sp. n.

♀. Head, thorax, and abdomen pale rufous; pectus, legs, and ventral surface of abdomen whitish tinged with rufous, the last with subventral series of dark brown points except towards extremity. Fore wing whitish suffused with pale rufous and



sparsely irrorated with large dark brown scales, the costal area rather whiter, the terminal area white irrorated with dark brown; black points at middle of costa, at upper angle of cell, and middle of discocellulars; a postmedial series of blackish striæ, oblique to vein 7, excurved to below vein 5, then very oblique to middle of inner margin with a slight angle inwards at submedian fold; a subterminal series of blackish striæ, bent outwards below costa, forming a short streak to the postmedial series at discal fold, and strongly incurved below vein 3; a terminal series of black points. Hind wing whitish suffused with pale red-brown, the costal area white to near apex; a terminal series of dark brown striæ except towards tornus; cilia white. Underside of fore wing whitish suffused with brown except on inner area, the subterminal series of striæ present but almost obsolete below vein 3; hind wing white slightly tinged with brown, a brownish subterminal line to vein 2, bent inwards to costa where there is a black point.

*Hab.* PERU, Yahuarmayo, 1 ♀ type. *Exp.* 44 mm.

(1 c) *Chilo diffusifascia*, sp. n.

♀. Head and thorax pale glossy yellow, the sides of head and tegulæ and the patagia suffused with brown; abdomen glossy yellow, with subdorsal tufts of white hair at base; antennæ brown; palpi suffused with red-brown; pectus and legs whitish tinged with brown. Fore wing glossy ochreous yellow irrorated with brown; a diffused red-brown fascia from base in and below the cell to termen where it extends from just below apex to submedian fold; a minute black-brown discoidal spot slightly irrorated with white and defined on outer side by some white; traces of a curved brown postmedial line; a terminal series of dark points with white points beyond them at base of cilia, which are deep glossy red-brown. Hind wing glossy white faintly tinged with ochreous; a slight brownish terminal line to vein 2. Underside white, the fore wing and costal area of hind wing tinged with red-brown except on terminal area.

*Hab.* URUGUAY, Monte Video (*de la Garde*), 1 ♀ type. *Exp.* 52 mm.

(10 b) *Chilo pyrocaustalis*, sp. n.

Head and thorax fiery red; abdomen white, the 2nd and 3rd segments dorsally fulvous; pectus, legs, and ventral surface of abdomen whitish suffused with red. Fore wing fiery red, the veins whitish; the medial area with two slight brownish spots below the cell and two on vein 1; two faint oblique brownish striæ from middle of costa to and to beyond upper angle of cell, then an oblique postmedial series of minute dentate marks on the veins; a subterminal series of minute dentate brownish marks on the veins; cilia with a dark line near base, the tips silvery white. Hind wing silvery white. Underside of fore wing and costal area of hind wing suffused with rufous.



*Hab.* W. AFRICA (*Dudgeon*), 2 ♀ ; S. NIGERIA, Lagos (*Bray*), 1 ♂ ; N. NIGERIA, Minna (*Macfie*), 1 ♂, 1 ♀ type, Zungeru (*Macfie*), 3 ♀. *Exp.*, ♂ 20-22, ♀ 26-30 mm.

(10 d) *Chilo rufulalis*, sp. n.

♀. Head, thorax, and abdomen ochreous tinged with brownish rufous, the last with the 2nd and 3rd segments dorsally suffused with fulvous. Fore wing ochreous uniformly suffused with brownish rufous, the inner area with slight dark irroration; the cilia brown. Hind wing ochreous white with a slight brownish tinge; a faint brownish terminal line to vein 2.

*Hab.* UP. BURMA, Kinyua (*Bingham*), 1 ♀ type. *Exp.* 36 mm.

(11 a) *Chilo mesostrigalis*, sp. n.

Head white; thorax and abdomen whitish tinged with red-brown; antennæ, palpi, pectus, legs, and ventral surface of abdomen white tinged with brown. Fore wing white slightly tinged with reddish brown and sparsely irrorated with blackish scales; a series of five black striæ, arising at discal fold just beyond the cell, angled outwards beyond lower angle, then very oblique to middle of submedian fold; a rather interrupted black postmedial line, strongly excurved below costa, then obliquely curved; a terminal series of black points. Hind wing white slightly tinged with brown. Underside white slightly tinged with brown.

*Hab.* PORTUGUESE E. AFRICA, Kola Valley (*Neave*), 1 ♂, Ruo Valley (*Neave*), 1 ♀ type. *Exp.* 36 mm.

(15 a) *Chilo submedianalis*, sp. n.

♂. Head, thorax, and abdomen ochreous white tinged with red-brown. Fore wing ochreous white suffused with red-brown, the terminal half of costa whiter; some darker brown suffusion in and beyond end of cell and in basal half of submedian fold interrupted by a medial white spot; an indistinct narrow whitish subterminal band. Hind wing white tinged with red-brown, the cilia whiter. Underside ochreous white tinged with red-brown.

*Hab.* CEYLON, Batticaloa (*Green*), 1 ♂ type. *Exp.* 24 mm.

(15 c) *Chilo ascriptalis*, sp. n.

Head and thorax white tinged with reddish brown; abdomen white; pectus and legs white faintly tinged with brown. Fore wing white tinged with reddish brown; a minute black discoidal point and terminal series of slight black points. Hind wing glossy white. Underside of fore wing and the costal area of hind wing tinged with red-brown.

*Hab.* N. NIGERIA, Minna (*Macfie*), 1 ♀ ; UGANDA, Gondokoro (*Reymes-Cole*), 3 ♂, 8 ♀ type; BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♀. *Exp.*, ♂ 20-24, ♀ 22-28 mm.



(15 d) *Chilo gemininotalis*, sp. n.

♀. Head and thorax red-brown with a greyish tinge; abdomen whitish tinged with red-brown; palpi irrorated with dark brown; pectus, legs, and ventral surface of abdomen white, the legs slightly tinged with red-brown. Fore wing greyish suffused with red-brown and irrorated with large blackish scales except on basal and terminal areas and in submedian fold; a diffused blackish fascia along median nervure; a terminal series of small black spots bisected with white; cilia red-brown at base, whitish glossed with silver at tips. Hind wing glossy white. Underside white, the fore wing and costal area of hind wing faintly tinged with rufous.

*Hab.* CACHAR, Kanny Koory, 1 ♀ type. *Exp.* 30 mm.

(25 a) *Chilo strigatellus*, sp. n.

White; sides of palpi and antennæ and streaks on tegulæ cupreous brown. Fore wing with the veins, except on costal and inner areas, and also the submedian fold streaked with brown, sometimes reduced in places to series of scales; a discoidal spot; a fine terminal line and a line through the cilia. Hind wing slightly tinged with brown; a fine terminal line.

*Hab.* W. AUSTRALIA, Sherlock R. (*Clements*), 3 ♂, 1 ♀ type. *Exp.*, ♂ 16, ♀ 20 mm.

(25 d) *Chilo argyrostola*, sp. n.

♀. Head, thorax, and abdomen silvery white, the sides of frons and palpi except at base red-brown; legs tinged with red-brown. Wings uniform silvery white, the underside of fore wing tinged with red-brown except on inner and terminal areas.

*Hab.* VENEZUELA (*Dyson*), 1 ♀ type. *Exp.* 22 mm.

(26 b) *Chilo phlebitalis*, sp. n.

♂. Head and thorax white tinged with red-brown at sides; abdomen white, the 2nd and 3rd segments dorsally rufous; antennæ red-brown except above; palpi, pectus, and legs tinged with red-brown. Fore wing silvery white irrorated with red-brown, the scales forming slight streaks defining the veins above and below, the costal area tinged with red-brown leaving the costal edge white; a black discoidal point; a slight dark terminal line; cilia white with fine dark lines near base and tips. Hind wing silvery white with a slight dark terminal line to vein 2. Underside of fore wing and the costal area of hind wing tinged with red-brown.

*Hab.* ARGENTINA, Gran Chaco, Florenzia (*Wagner*), 1 ♂, Ocampo, Santa Fé (*Wagner*), 2 ♂ type. *Exp.* 16–20 mm.



(26 c) *Chilo calamistis*, sp. n.

♀. Head, thorax, and abdomen brownish white; palpi slightly irrorated with brown. Fore wing whitish tinged with red-brown and slightly irrorated with brown; faint white streaks irrorated with black in discal and submedian folds; a black discoidal point; a terminal series of black points, the point above tornus rather larger. Hind wing white tinged with brownish ochreous. Underside tinged with red-brown, the inner area of hind wing white.

*Hab.* MEXICO, Presidio (*Forrer*), 1 ♀, Godman-Salvin Coll.; ARGENTINA, Gran Chaco, Florenzia (*Wagner*), 4 ♀ type. *Exp.* 22–28 mm.

(26 d) *Chilo leptigrammalis*, sp. n.

Head, thorax, and abdomen white faintly tinged with red-brown; palpi strongly irrorated with brown. Fore wing white tinged with reddish brown and rather thickly irrorated with black; the costa whiter, the discal and submedian folds and interspaces beyond the cell with white streaks irrorated with black; a black discoidal point; traces of a dark postmedial line angled outwards at discal and submedian folds; a fine double dark subterminal line filled in with white, strongly bent inwards to costa, then closely approximated to the termen and minutely waved; a terminal series of rather lunulate black points slightly defined on inner side by white; cilia with a dark line near base, the tips browner. Hind wing glossy white slightly tinged with ochreous brown except on inner area; a fine dark terminal line to vein 2. Underside of fore wing and costal area of hind wing suffused with red-brown, the terminal area whiter.

*Hab.* ARGENTINA, Gran Chaco, Florenzia (*Wagner*), 4 ♂, 2 ♀ type. *Exp.* 24–32 mm.

(26 e) *Chilo leucocraspis*, sp. n.

♀. Head and thorax white, tinged with rufous at sides; abdomen white, the 2nd to 4th segments dorsally suffused with rufous; antennæ rufous; palpi irrorated with brown; pectus, legs, and ventral surface of abdomen white tinged with red-brown. Fore wing pale rufous, the inner area white slightly irrorated with brown; the costal edge white on terminal half; a black discoidal point and slight oblique brown striga above it from costa; a curved white subterminal line slightly defined on inner side by brown; a terminal series of black points; cilia with a dark line near base, the tips pure white except at tornus. Hind wing silvery white; a terminal series of slight black points to vein 2. Underside of fore wing and costal area of hind wing suffused with pale red-brown, the hind wing with blackish discoidal point.

*Hab.* ARGENTINA, Gran Chaco, Florenzia (*Wagner*), 1 ♀ type. *Exp.* 28 mm.



(28) *Chilo argentifascia*, sp. n.

♀. Head ochreous white, pale rufous at sides and behind; thorax pale rufous, the patagia silvery white; abdomen white tinged with brownish ochreous; antennæ tinged with rufous; pectus and legs white tinged with brownish ochreous. Fore wing pale rufous; the costal edge silvery white, expanding into a narrow fascia from before middle to apex; a broad silvery white fascia edged by slight dark brown lines from base, where it extends to the inner margin, in and below the cell and thence to the termen below apex and to the cilia. Hind wing silvery white, the inner area faintly tinged with brown. Underside glossy white, the costal area of both wings faintly tinged with rufous.

*Hab.* W. AUSTRALIA, Sherlock R. (*Clements*), 2 ♀ type. *Exp.* 30 mm.

(2) *Leucargyra xanthocephs*, sp. n.

Head, tegulæ, and some of the hair on prothorax orange-yellow, the rest of thorax white; abdomen white tinged with orange-yellow, the 2nd and 3rd segments dorsally fulvous; antennæ with the shaft white above; palpi fuscous brown; pectus, legs, and ventral surface of abdomen white, the fore legs fuscous brown in front, the coxæ yellow and white at base. Wings uniform silvery white above and below.

*Hab.* PERU, Yahuarmayo, 2 ♂, 1 ♀ type. *Exp.*, ♂ 50, ♀ 74 mm.

(6a) \**Eschata irrorata*, sp. n.

♀. Pure white; palpi blackish except at tips; antennæ brown; fore tibiæ orange fringed with white; tarsi orange ringed with white; abdomen with dorsal orange patch on 2nd and 3rd segments; wings silvery white. Fore wing with faint traces of a sinuous golden medial line from vein 2 to inner margin; a curved subterminal golden line, the area on its inner side broadly irrorated with large black scales, extending on inner area to the medial line; cilia reddish golden.

*Hab.* ASSAM, Khâsis, type in Coll. Rothschild. *Exp.* 52 mm.

(2) *Doratoperas fulvescens*, sp. n.

♂. Head, thorax, and abdomen whitish suffused with red-brown, the head whiter in front, the thorax irrorated with dark brown; pectus, legs, and ventral surface of abdomen white tinged with red-brown. Fore wing whitish suffused with fulvous brown and sparsely irrorated with large black scales, the costal area rather whiter to beyond middle; the medial area with oblique rufous shade from subcostal nervure to vein 1; a black discoidal point; an indistinct rather diffused brownish postmedial line, arising below the costa, excurved to vein 4, then very oblique to middle of inner



margin; an indistinct curved slightly waved brownish subterminal line; a terminal series of black points. Hind wing whitish suffused with red-brown, the costal area whiter to near apex; a terminal series of black points to submedian fold. Underside whitish tinged with rufous, the costal area of both wings slightly irrorated with black.

*Hab.* PERU, Yahuarmayo, 3 ♂ type. *Exp.* 36-42 mm.

(3) *Doratoperas xanthotherma*, sp. n.

♂. Head brownish white, the antennæ brown, the palpi fulvous yellow; thorax dorsally brownish white, the tegulæ with brown subdorsal stripes, the tegulæ at sides and patagia chrome-yellow tinged with rufous and with brown stripe above; abdomen dorsally blackish brown, the anal tuft white; pectus, legs, and ventral surface of abdomen white, the fore tibiæ with tufts of blackish hair, the tarsi fulvous. Fore wing chrome-yellow, the inner area suffused with rufous from before middle, expanding to vein 2 beyond the postmedial line and at termen to vein 3, the rest of wing irrorated with a few brown scales; a minute red-brown discoidal spot; the postmedial line represented by slight obliquely placed rufous spots on veins 4 and 3 and a rather diffused red-brown line angled inwards below vein 2 near its origin and below vein 1 bent inwards to inner margin before middle; a terminal series of dark red-brown points; cilia pure white at base, dark brown at tips, wholly brown towards tornus. Hind wing pale yellow, the apical area whitish, the inner area tinged with red-brown; a terminal series of slight dark points to below vein 3; cilia white, tinged with red-brown towards tornus. Underside white with a slight rufous tinge on costa of fore wing and inner area of both wings.

*Hab.* PERU, Yahuarmayo, 1 ♂ type. *Exp.* 66 mm.

(1 d) *Mesolia albimaculalis*, sp. n.

♀. Head and thorax black-brown mixed with some white; abdomen red-brown; pectus, legs, and ventral surface of abdomen white, the legs with some blackish scales and the tarsi banded with black. Fore wing cupreous red-brown; a diffused white ante-medial shade with a short blackish streak beyond it above vein 1; a white spot at middle of costa and diffused sinuous line from discal fold to inner margin; a triangular white spot from costa at end of cell, its apex indenting a blackish discoidal spot with a minute white point at lower angle of cell and some silvery scales beyond it; a subterminal white bar from costa and series of small dentate white marks on veins 6 to 2 defined on outer side by minute black spots; a white bar from costa before apex, its outer edge indented and a series of small conical spots on termen from below vein 6 to above tornus; cilia white with a black line near base and dark tips towards apex, then cupreous brown. Hind wing glossy grey-brown, the cilia with dark line near base and white tips



to discal fold. Underside grey-brown, the costa of fore wing white towards apex.

*Hab.* N. NIGERIA, Zungeru (*Macfie*), 1 ♀ type. *Exp.* 18 mm.

(2 a) *Masolia presidialis*, sp. n.

*Mesolia plurimella*, Druce, Biol. Centr.-Am., Het. ii. p. 297 (part.), nec Wlk.

Antennæ of male with short branches.

Head and thorax red-brown mixed with grey; abdomen whitish suffused with red-brown, the extremity whiter; palpi with some white at base; pectus, legs, and ventral surface of abdomen white faintly tinged with brown, the tarsi banded with brown. Fore wing red-brown mixed with grey; a diffused antemedial dark brown patch on vein 1; an obscure diffused dark medial line, arising at median nervure, angled outwards at submedian fold and inwards at vein 1; postmedial line diffused dark red-brown, oblique and defined on inner side by whitish to vein 6, where it is angled outwards, angled outwards and forming diffused dentate patches above vein 1 and inner margin, a dark point beyond it above vein 6; subterminal line silvery whitish defined on each side by red-brown, curved, a small white spot beyond it on costa and patch at middle with oblique black streak above it and longitudinal streak below it; an oblique white subapical streak and striga on termen below apex; cilia red-brown to the hook with a white striga below apex and streak above the hook, then white tinged with red-brown. Hind wing whitish suffused with brown, the cilia white. Underside of fore wing red-brown.

*Hab.* MEXICO, Presidio (*Forrer*), 1 ♂, 1 ♀ type, Godman-Salvin Coll. *Exp.*, ♂ 20, ♀ 22 mm.

(2 b) *Mesolia diaperatalis*, sp. n.

*Mesolia plurimella*, Druce, Biol. Centr.-Am., Het. ii. p. 297 (part.), nec Wlk.

♀. Head, thorax, and abdomen red-brown; palpi white at base; pectus, legs, and ventral surface of abdomen white tinged with red-brown. Fore wing red-brown slightly mixed with whitish; postmedial line deep red-brown, arising below the costa, waved to submedian fold, then strongly incurved and forming a small diffused patch on inner area, veins 6 to 2 beyond it with obscure dark streaks; subterminal line white defined on each side by red-brown, oblique to discal fold and with an oblique white streak beyond it across apical area, incurved below discal fold and waved below vein 3; a bilunulate white mark before middle of termen; cilia white to the hook with a black line at middle, then white at base, brown at tips. Hind wing whitish strongly suffused with red-brown, the cilia whiter. Underside whitish suffused with red-brown, the fore wing with the costa white towards apex.

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



(2c) *Mesolia jamaicensis*, sp. n.

Antennæ of male serrate.

♂. Head and thorax red-brown mixed with grey; antennæ blackish; abdomen whitish suffused with brown; pectus, legs, and ventral surface of abdomen white. Fore wing red-brown variegated with white; an incurved medial white line from cell to inner margin with a diffused dark patch beyond it in submedian interspace; a red-brown postmedial line, bent inwards to costa; subterminal line silvery white defined on each side by red-brown, bent inwards to costa, a white patch beyond it between discal and submedian folds with short black streaks above and below it and one at middle; an oblique dentate white subapical mark; a red-brown terminal line; cilia pure white with blackish lines near base and at tips to the hook, then red-brown with some white at base. Hind wing white tinged with red-brown. Underside white, the fore wing and costal area of hind wing suffused with red-brown.

*Hab.* JAMAICA (*Gosse*), 1 ♂ type, Mandeville (*Cockerell*), 1 ♂. *Exp.* 16 mm.

(1b) *Prionopteryx sinensis*, sp. n.

Antennæ of male serrate and fasciculate.

♂. Head, thorax, and abdomen red-brown slightly mixed with whitish; palpi red-brown and white; pectus, legs, and ventral surface of abdomen white tinged with red-brown. Fore wing red-brown mixed with some white, especially on inner area; an antemedial patch of black-brown scales above inner margin; postmedial line red-brown, oblique to discal fold where it is angled outwards, then incurved and angled outwards at submedian fold; subterminal line white defined on each side by red-brown, very oblique to discal fold, then incurved and excurved below vein 2, a whitish patch beyond it before middle of termen with small dentate blackish mark on it at vein 4 and short streaks below veins 3 and 2. Hind wing red-brown with a greyish tinge. Underside red-brown tinged with grey.

*Hab.* W. CHINA, Chang-Yang (*Pratt*), 1 ♂ type. *Exp.* 18 mm.

(4b) *Prionopteryx brevivittalis*, sp. n.

Head and thorax dark reddish brown mixed with grey-white; abdomen white slightly tinged with red-brown; antennæ with the branches black; palpi with black mixed; pectus and legs white tinged with brown, the tarsi brown tinged with white. Fore wing with the costal half red-brown mixed with white, the inner half white irrorated with red-brown; a subbasal series of slight oblique black marks in and below the cell and above inner margin, the last met by a streak from base; a slight black mark above middle of median nervure; a dentate white medial line defined on inner side by two small black lunules in the cell and on outer by red-brown



and black; two slight black spots beyond the cell; subterminal line white defined on each side by red-brown with slight black marks before it below costa and at middle, obliquely excurved to discal fold, then incurved and slightly angled outwards at vein 1, a series of white spots beyond it from costa to vein 2 with short black streaks between them; the terminal area red-brown finely pencilled with white; cilia white with a red-brown line through them and red-brown tips to the hook, then white with the tips tinged with red-brown. Hind wing white slightly tinged with red-brown; a red-brown terminal line to submedian fold; cilia pure white. Underside of fore wing brown with a series of diffused white spots before termen; hind wing with the costal area tinged with brown.

*Hab.* TRANSVAAL, Gemsbokfontein (*Janse*), 1 ♂, Rietfontein (*Janse*), 2 ♂, 1 ♀ type, Van der Merwe's farm (*Janse*), 1 ♂; NATAL, Durban (*Leigh*), 1 ♂, 1 ♀; Orange R. Colony, Bloemfontein (*Eckersley*), 2 ♂. *Exp.* 24–26 mm.

(4c) *Prionopteryx mesozonalis*, sp. n.

♀. Head and thorax pale red-brown mixed with white; abdomen white dorsally tinged with red-brown towards base; palpi with some blackish mixed; pectus, legs, and ventral surface of abdomen white tinged with red-brown, the tarsi red-brown ringed with white. Fore wing white mostly suffused with red-brown and irrorated with blackish; an oblique red-brown antemedial line, arising below the costa and with some black before it in the cell; a white medial line defined on outer side by black and on inner by a diffused black band, angled outwards in the cell and waved below it; a black discoidal point; postmedial line white, defined on inner side by blackish and with a black patch beyond it on costa, angled outwards at discal fold, then incurved and angled inwards at vein 1; a highly dentate white subterminal line with short black streaks beyond it in the interspaces from below costa to vein 1; cilia white with a line near base, black to the hook, then red-brown, and blackish line near tips. Hind wing silvery white with a very faint red-brown tinge. Underside of fore wing and costal area of hind wing tinged with red-brown.

*Hab.* ARGENTINA, Gran Chaco, Florenzia (*Wagner*), 1 ♀ type. *Exp.* 26 mm.

(4g) *Prionopteryx albirufalis*, sp. n.

♀. Head and thorax white mixed with some red-brown; abdomen white slightly tinged with red-brown; antennæ ringed with blackish; pectus, legs, and ventral surface of abdomen white, the fore tibiæ and the tarsi banded with red-brown. Fore wing white irrorated with red-brown; some black irroration on antemedial area from below costa to inner margin, somewhat angled outwards in the cell; a somewhat dentate white medial line defined on outer



side by a diffused dark red-brown band; subterminal line white defined on each side by red-brown, oblique to discal fold, then incurved and minutely dentate, a small black spot beyond it below costa; a fine red-brown terminal line with two minute black spots before it at middle; cilia white with a fine red-brown line near base to submedian fold and the tips tinged with red-brown at middle. Hind wing silvery white faintly tinged with red-brown, the cilia pure white. Underside white, the fore wing tinged with red-brown on costal half.

*Hab.* SUDAN, Port Sudan (*Waterfield*), 1 ♀ type. *Exp.* 18 mm.

(4h) *Prionopteryx rubricalis*, sp. n.

♀. Head and thorax rufous slightly mixed with whitish; abdomen whitish suffused with rufous; antennæ blackish ringed with white; palpi red-brown mixed with white, blackish at extremity; pectus, legs, and ventral surface of abdomen whitish suffused with red-brown, the tarsi red-brown ringed with white. Fore wing rufous irrorated with white; a small antemedial white spot above inner margin; small medial white spots on costa and in cell and above and below vein 1; diffused blackish spots in and beyond end of cell with a white spot between them on the discocellulars; a postmedial series of small white spots, somewhat incurved below the costa and excurved beyond the cell; a terminal series of small blackish spots defined on inner side by a lunulate white line; cilia red-brown and white. Hind wing whitish tinged with rufous, the cilia white with a red-brown line near base and some red-brown at tips. Underside whitish suffused with rufous.

*Hab.* N. NIGERIA, Zungeru (*Macfie, Simpson*), 5 ♀ type. *Exp.* 20 mm.

(5b) *Prionopteryx microdentalis*, sp. n.

Antennæ of male uniserrate; hind wing with veins 4, 5 stalked.

Head and thorax red-brown mixed with some white; abdomen white, dorsally tinged with red-brown towards base; antennæ blackish; palpi banded with blackish; pectus and legs white tinged with red-brown, the fore tibiae and the tarsi banded blackish and white. Fore wing red-brown mixed with whitish, a whitish fascia in submedian interspace; a blackish subbasal mark above inner margin with traces of the angled whitish antemedial line on its outer side; a rather diffused curved red-brown postmedial line, interrupted at submedian fold and with short blackish fascia before it on vein 1, defined on inner side by a white bar from costa; subterminal line whitish, very oblique and defined on inner side by red-brown to discal fold, then dentate and defined on inner side by minute dentate black marks, the area beyond it blackish below discal fold, the apical area red-brown with a sinuous white streak across it; a fine black terminal line defined on inner side by white



below the hook; cilia white at base, red-brown at tips and with black line near base to the hook. Hind wing white faintly tinged with red-brown. Underside suffused with red-brown.

*Hab.* SIERRA LEONE, Mano (*Dudgeon*), 1 ♀; GOLD COAST (*Dudgeon*), 1 ♂; S. NIGERIA, Lagos (*Dudgeon*), 2 ♀, Old Calabar (*Miss Kingsley, Sampson*), 2 ♂, 1 ♀, Warri Distr. (*Claydon*), 1 ♀; N. NIGERIA, Borgu, Yelwa L. (*Migeod*), 1 ♀. *Exp.* 18–22 mm.

#### Genus PARANCYLA, nov.

Type, *P. argyrothysana*.

Proboscis fully developed; palpi downcurved, extending about the length of head and thickly scaled; maxillary palpi dilated with scales; frons smooth, with ridge of scales above; antennæ of male laminate and minutely ciliated. Fore wing rather long and narrow, the apex rounded, the termen somewhat excised below discal fold; vein 3 from well before angle of cell; 4, 5 from angle; 6 from below upper angle; 7 from angle; 8, 9 stalked; 10, 11 from cell, the latter becoming coincident with 12. Hind wing with veins 3 and 5 from angle of cell, 4 absent; 6 obsolescent from well below upper angle; 8 anastomosing with 7.

In key differs from *Surattha* in vein 11 becoming coincident with 12.

#### *Parancyla argyrothysana*, sp. n.

♂. Head white, the antennæ blackish except above, the palpi tinged with brown and slightly irrorated with black, the tips black; thorax white tinged with red-brown and slightly irrorated with black; abdomen white tinged with red-brown; pectus, legs, and ventral surface of abdomen white tinged with red-brown. Fore wing white tinged with red-brown and irrorated with black; a small rather annulate blackish discoidal spot; a metallic silver subterminal line defined on inner side by a pale rufous line, slightly excurved below costa; the terminal area rather whiter with a terminal series of black points; cilia metallic silver, tinged with brown at tips. Hind wing white tinged with red-brown, the cilia whiter. Underside white tinged with red-brown.

♀. More strongly suffused with red-brown.

*Hab.* BR. C. AFRICA, Mt. Mlanje (*Neave*), 4 ♂, 4 ♀ type, Ruu Valley (*Neave*), 1 ♀. *Exp.*, ♂ 22, ♀ 32–38 mm.

#### (1a) *Surattha africalis*, sp. n.

♂. White irrorated with fuscous; branches of antennæ blackish. Fore wing with a subbasal series of patches of black scales between the veins; a medial sinuous white line defined by black on either side; a prominent white discoidal spot with black suffusion between it and the medial line; a subterminal minutely waved black line obtusely angled at middle and with a diffused brown line parallel



to its inner edge; some terminal fuscous suffusion and a series of black points. Hind wing white with a fine fuscous terminal line.

Ab. 1. Fore wing strongly tinged with ochreous.

♀. Fore wing with the area between the medial and postmedial lines suffused with black.

*Hab.* SUDAN, Port Sudan (*Waterfield*), 1 ♂; BR. E. AFRICA, Athi-ya-Mawe (*Betton*), 1 ♀; "GERM. E. AFRICA," Dar-es-Salaam, 1 ♂ type; TRANSVAAL, Rietfontein (*Janse*), 1 ♂. *Exp.* 22-26 mm.

(1 b) *Surattha selenalis*, sp. n.

♂. Head, thorax, and base of abdomen white faintly tinged with rufous, the rest of abdomen strongly suffused with rufous; antennæ with the branches black; palpi suffused with brown; pectus and legs white, the tibiæ and tarsi banded with brown. Fore wing pale red-brown slightly irrorated with whitish, the postmedial part of costal area white slightly irrorated with rufous; antemedial line whitish, defined on outer side by a slight blackish mark at costa, then indistinct to submedian fold where it is angled outwards, then oblique and defined on each side by blackish; medial line whitish defined on each side by blackish, angled outwards in submedian fold; a pure white discoidal lunule; subterminal line white, excurved at middle and slightly waved towards costa and inner margin; a fine white line just before termen, defined on outer side by slight blackish points; cilia white with a rather interrupted red-brown line near base and some red-brown at tips. Hind wing silvery white. Underside of fore wing except the inner area and the costal area of hind wing tinged with red-brown.

*Hab.* ABYSSINIA, Taddecha Mullka (*Degen*), 1 ♂ type. *Exp.* 28 mm.

(3 b) *Surattha soudanensis*, sp. n.

Head, thorax, and abdomen white tinged with fulvous yellow, the thorax irrorated with black; antennæ of male with the branches black; palpi suffused with rufous; pectus, legs, and ventral surface of abdomen white tinged with rufous. Fore wing white suffused with pale fulvous and irrorated with black in the interspaces, those of postmedial area rather more thickly irrorated; a diffused curved whitish antemedial band defined on inner side by pale fulvous; a narrow white medial band defined on outer side by pale fulvous, its edges slightly waved; a rounded white discoidal spot defined by blackish; a narrow white postmedial band defined on inner side by pale fulvous, its outer edge slightly dentate, somewhat excurved beyond the cell; a lunulate white subterminal line defined on outer side by a series of black points; cilia white mixed with brownish. Hind wing white faintly tinged with reddish brown, the cilia pure white. Underside white faintly tinged with rufous.

*Hab.* SUDAN, Port Sudan (*Waterfield*), 4 ♂, 1 ♀ type. *Exp.* 22-26 mm.

[To be continued.]





Hampson, George Francis. 1919. "Descriptions of new Pyralidae of the subfamilies Crambinae and Siginae." *The Annals and magazine of natural history; zoology, botany, and geology* 4, 53–68.

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