

Head rather large; frons at vertex a little less than one-third of the head width, widened to anterior margin; each orbit with two upper forwardly directed bristles and about six incurved inner marginal bristles; inner verticals much longer than outer pair, the latter about as long as the ocellars; orbits with few hairs; profile as Figure 3; parafacials with short hairs; vibrissae comparatively weak and short. Thorax with sparse short hairs on dorsum; one short and one long presutural and two long postsutural pairs of acrostichals; the usual dorsocentrals, and only two bristles on the presutural area, the posterior sublateral and outer posthumeral lacking, prealar very short; posterior postalar twice as long as anterior one; no hairs at anterior extremity of the suprasquamal ridge; sternopleurals 1 + 1. Second tergite with a pair of short central apical bristles, third with an apical series of bristles. Legs as in preceding species, the anterodorsal setulae on fore tibia not distinct. Bend of fourth vein rather broad, but not evenly rounded, the apical section almost straight; first posterior cell ending close to wing tip, narrowly open. — Length, 4.5 mm. — Type, Fort de Kock, 1925.

### Fauna sumatrensis.

(Beitrag Nr. 50).

#### *Diptera Muscoidea III.*

By Charles H. T. Townsend Ph. D.

*Hemipyrellia orientalis* (n. sp.) — Bl,  $7\frac{1}{2}$  mm; wl, 6 mm. 1 ♀. Fort de Kock, 1922.

H silvery, frl & an blackish; plp blackish, fulvous on tip; less than posterior  $\frac{1}{2}$  pfrl & whole b metallic dull olive-green with flecks of bright green in places & with thin coat of silvery bloom; 4 faintly defined bright green thv, iv narrow; l blackish; w clear; sq white with yellowish edges.

*Calirrhoe fulvipes* (n. sp.) — Bl, 10 mm; wl,  $8\frac{1}{2}$  mm. 3 ♀, Fort de Kock.

This is the ♀ described under the name *malayana* in Part II, pp. 25—26. It is a heavier species, l fulvous except t, pfrl with black micro-hairs, vrw rather  $\frac{1}{2}$  hw, hs hardly over  $1\frac{1}{2}$  x hh, ab ferruginous except broad mv blackish & isgs slightly blackish on sides at hind margin, w faintly yellowish along veins, sq sordip-tawny.

*Calirrhoe malayana* TT — Bl, 8 mm; wl, 7 mm. 1 ♀, Fort de Kock, 1925.

Agrees with the ♂ in length of p, col of l, micro-hairs of pfrl yellowish & smaller size. Vrw considerably less than  $\frac{1}{3}$  hw; ab dull fulvous beneath the silvery pollen, no distinct mv; w clear; sq glassy-white.

*Dolichocoxys* n. gen. (Genotype, *Dolichocoxys femoralis* n. sp.)

Differs from *Opsoleskia* as follows: Plp very slender, straight, not thk at tip; 2 an somewhat elongate; ar longer than 3 an, long pb to tip, thk only at extreme base, bjs short; ♂ vrw  $\frac{1}{9}$  hw, fr eql on hind  $\frac{2}{3}$  & then widening to  $\frac{1}{4}$  hw at ba; fc  $\frac{1}{2}$  hw below; 1 or 2 closely-placed frs below ba; ♂ frl pinched to line on forward  $\frac{1}{2}$  & completely obliterated on hind  $\frac{1}{2}$ ; ocs very weak; pfc narrowed to a sharp point below; ch scarcely  $\frac{1}{4}$  el; 1 pi & pra, no pa, 2 ls; no cs, R1 terminating opposite R6; cb arc oa, very widely rounded,  $\frac{1}{6}$  ww from hwm; M1 faintly arc inward, parallel to hwm; fex over  $\frac{1}{2}$  ff, mf & hf elongate ♂, t long; ♂ ab fully 2 x th, very slender-cylindric, 4sg short-caudate; 3sg & 4sg each with 1 mm.

*Dolichocoxys femoralis* (n. sp.) — Bl,  $6\frac{3}{4}$  mm; wl, 5 mm. 1 ♂, Tandjungadag, 1200 m, Feb. 1926.

H thinly silvery-white, black fascia on anterior  $\frac{1}{4}$  of fr; an & plp fulvescent, 3 an & thin portion of ar dusky; th & ab black, showing silvery-white oblique band on plr, broad silvery mv on prsc, pr of narrow silvery vittae on psc seen from behind but changing to single broad one viewed from before, last 3sgs with well-defined silvery-white bases; silvery of msc leaves 2 broad shining black thy; l yellow, tb brownish, t blackish; w very faintly smoky, broadly yellowish on costa; sq glassy, faintly yellowish.

*Medinodexia* n. gen. (Genotype, *Medinodexia fulviventris* n. sp.)

Differs from *Urodexia* as follows: Frp flat, somewhat sloped, not over fep; el 2 x cw; fcl cil  $\frac{1}{3}$  w, straight, cordlike, not parallel; ba high above em; ♂ 3 an 4 x 2 an, eql, not wide; ♂ vrw hardly  $\frac{1}{6}$  hw, fr eql on hind  $\frac{1}{2}$  & then widening to little over  $\frac{1}{4}$  hw at ba; fc in middle scarcely over  $\frac{1}{2}$  hw; e not quite reaching vl; 3 closely-set frs below ba ♂, 5 behind ba; no pfro ♂; frl ♂ wide, somewhat narrowed posteriorly, 2 x pfrw; ch scarcely  $\frac{1}{4}$  el; th as wide as h, wider than ab; 2 strong ps & 1 very short weak between; 2 pra; prsc shorter than psc; 4ls, hls widely div & next ls very weak; cb widely rounded oa, hardly  $\frac{1}{6}$  ww from hwm; M1 arc inward; M3 nearly straight, almost in middle; ♂ mf & hf very elongate, fex very long; ♂ ab nearly 2 x th, conicocylindric, 4sg not caudate; mr of 6 to 8 on 3sg, dr on 4sg.

*Medinodexia fulviventris* (n. sp.) — Bl,  $8\frac{1}{2}$  mm; wl, 7 mm. 2 ♂, Tandjungadag, 1200 m, Feb. 1926.

H thinly silvery, fp blackish; frl & an black; plp fulvous; plr, prsc & postscutellum silvery; disk of prsc showing brown thy as blotchlike ov, the iv coalesced in quadrangle & narrowly separated from ov; seen from before the quadrangle shows narrow rusty-brown iv on outer edges & a wider mv of same color between, all perceptible over the dull brown

ground-color; hind margin of both prsc & psc broadly silvery, the latter more thinly so; sc & rest of psc blackish; ab fulvous, with blackish on extreme base & median triangle of 1sg, median triangles & hind margins of isgs & all of 4sg, the blackish rather ill-defined & fading more or less gradually at borders; isgs narrowly silvery-white on bases, 4sg broadly thinly silvery on base; l brownish-black, cx tinged with rufous; w lightly yellowish, faintly smoky on tip; sq yellowish.

*Eutethairosoma chaetopygiale* TT — 1 ♂, Anai Kloof, 500 m, 1926; 1 ♀, Fort de Kock, 1926.

The ♀ characters are vrw  $\frac{1}{4}$  hw, 2 pfro, 2 vrs, ft not widened, no hairbrushes on sides of 4sg. Col same as ♂.

*Thelaira sumatrana* (n. sp.) — Bl, 10 to 11 mm; wl, 9 to 10 mm. 1 ♂ & 1 ♀, Harau Kloof, 550 m, June 1926; & Anai Kloof, 500 m, 1926.

H silvery-white by oblique view, leaden by direct view; frl & an black; plp deep fulvous; plr silvery-white; msc & sc thinly silvery, with tinge of rusty in ♂; ab fulvous ♂, subrufous ♀, black on broad mv, hollow of 1sg, all of 4sg, hind border of 3sg & narrow mv of vn; broad bases of last 3sgs ♀ very thinly silvery-white, pollen scarcely visible on 4sg; ♂ with very narrow bases isgs silvery, basal  $\frac{1}{2}$  of 4sg well silvered; l black, under edge t yellowish; w lightly smoky-yellowish in most part; sq whitish, rusty-yellow on borders in ♂.

*Prosophia* n. gen. (Genotype, *Prosophia kloofia* n. sp.)

Differs from *Eutorocca* as follows: C gently depressed, scarcely narrowed above, cl  $1\frac{1}{4}$  x cw; fcl short-cil fully  $\frac{1}{2}$  w; vx very little less than anx; hs  $\frac{1}{5}$  hh, not as long as the large lb; ♂ 3 an  $2\frac{1}{2}$  x 2 an, narrow, base curved upward in profile; ar longer than an, short-pl to tip; ♂ fr wider than lenght 2 an; 2 vrs ♂, ivrs as strong as frs & not dec, ovs only a little longer than ocf; ♂ frlw over pfrw, little narrowed posteriorly; ost small, well developed, subelliptic; pfcl not narrowed to line below; ch nearly  $\frac{1}{8}$  el; 3 pra, mls & hls extralong; 2 moderate ds; prsc little shorter than psc; 5R widely open  $1\frac{1}{2}$  x mw before wt; sq large, not ovate, ic rounded & scarcely over ra; ab only slightly narrower than th.

*Prosophia kloofia* (n. sp.) — Bl, 11 mm; wl, 9 mm. 1 ♂ Anai Kloof, 500 m, 1926.

H deep golden, lighter on occ, more silvery on loo, ch, fp & fel; frl deep velvety brownish-black, banjs same color, 3 an brownish with rufous tinge on base; plp rufofulvous with faint silvery bloom; stplr, mplr on over hind  $\frac{1}{2}$ , humeri & nplr golden pol; msc metallic bronze-green, sc metallic deep green; 4 brownish thv faintly defined; ab velvety brownish-black, wide bases of last 3sgs golden pol, the pollen of 4sg

silvery on sides & that of 3sg silvery on vn; l brownish-black; w smoky, tinged with yellow on basal  $\frac{1}{2}$  of costa; sq & basal ww yellowish.

*Eomintho equatorialis* TT. — 1 ♂, Padang, 1913. This species was originally recorded from Singapore (Philipp. Jn. Sci. XXIX, 533).

*Lophosioxyptera* n. gen. (Genotype, *Lophosioxyptera lophosioides* n. sp.)

Differs from *Eocypteryla* as follows: Frp faintly arc, not greatly sloped,  $\frac{3}{4}$  fcp; orp arc upward behind & nearly same before; c flush, long & wide, cl little over 2x cw; ep cut very short, wide, full width, warped; fel flattened into cpl; v slightly below moml; plp ♂ a little thk at tip; 2an somewhat elongate; 3an 3x 2an, wide, somewhat widened to tip, dished on upper edge & bulged on under edge; e heavily oblique, pushed far forward below; 1 or 2 closely-placed frs below ba, 2 strong & 2 weak behind ba; oct rounded anteriorly; ch nearly  $\frac{1}{2}$  el; chg occupying whole width of ch; no st; R1 terminating far before R6; 5R pet, stalk eq R6, in line of R5 & ending quite far before wt; cb subang ra to slightly oa, over  $\frac{1}{4}$  ww from hwm; M1 bent abruptly inward before tip; M3 nearly straight,  $\frac{1}{2}$  its length from cb, parallel to M1; ♂ cls nearly or quite eq ltj; ♂ ab slender bottleshaped, 1sg long, 4sg short.

*Lophosioxyptera lophosioides* (n. sp.) — Bl, 8 mm; wl, 6  $\frac{1}{2}$  mm, 1 ♂, Fort de Kock, 1926.

H silvery including chg, pfrl & uoce showing blackish through pollen; frl deep brown; an fulvous, 3an shading dusky toward tip, thin part of ar black; plp fulvous; th black, the stplr, pplr, humeri, mplr, & lateral & hind edges of msc thinly silvery including base of sc; middle of prsc thinly silvery, leaving 4 indistinct black thv, iv linelike; postscutellum thinly silvery; ab black, bases of isgs thinly silvery; l fulvous, t blackish; w clear; sq glassy, rims whitish.

*Philippolophosia sumatrensis* (n. sp.) — Bl, 12 mm; wl, 9  $\frac{1}{2}$  mm. 1 ♀, Tandjunggadang, 1000 m, 1926.

H silvery-white, pfrl & ooc pale golden, with some faint reflections of golden on fc; frl dark brown; an fulvous, outer-upper portion of an & thin part of ar blackish; plp fulvous; th blackish plr silvery with faint tinge of golden; humeri golden, msc thinly silvery, 4 indistinct blackish thv, iv narrow; sc pallid on tip, thinly silvery; ab blackish 1 st 3 sgs mostly silvery on tergum with faint golden tinge, becoming more golden on vn especially on 3sg; l fulvous-yellow, t blackish; w broadly golden on costa, smoky on tip; sq glassy.

*Sumatrotachina* n. gen. (Genotype *Sumatrotachina facialis* n. sp.)

Differs from *Microtropesa* as follows: Frp flat, sloped, eq fcp; c flush, cl hardly 2x cw; ep subnasute, rather gently warped forward, epl fully  $\frac{1}{4}$  epw; fel flattened to cpl, bare, felw  $\frac{2}{3}$  cw; v strongly dec, long; hs

swollen, not  $\frac{1}{2}$  hh; plp flattened & widened at tip ♂; ba somewhat above em; ♂ 3 an  $\frac{3}{4}$  2 an, 2x as long as wide; ar thk nearly to tip, 2 ar 2x as long as wide; e somewhat oblique, reaching tips an; ♂ vrw fully  $\frac{1}{4}$  hw, fr widening to fully  $\frac{1}{2}$  hw at ba, fe in middle  $\frac{5}{7}$  hw; 10 frs in frr, 2 below ba, frr widely arc outward; 1 pfro & 1 rfro ♂, both strong; ♂ frl  $\frac{2}{3}$  pfrw, very wide at ba & strongly narrowed posteriorly; pfrl wide, little narrowed posteriorly, rather steeply sloped, thickly black-hairy; pfcl fulvorufous-hairy, pfew not eq felw; ch  $\frac{3}{4}$  el; chg pol, indistinct, inner portion hairy; 3 st, 1 long strong ptl, 1 pri, 6 hm, 3 pa, 4 prsa; prsc nearly eq psc; ppl pilose; umpp well developed; 4 ls, bls much shorter; moderately long dec aps, eq bls; 3 short appressed ds; R 1 terminating far beyond R 6; R 5 brst  $\frac{1}{4}$  w to R 6; cb V-like, aa; M 1 strongly bent in at base, parallel to hwm; long wr at cb; M 3 hardly  $\frac{1}{2}$  its length from cb, parallel to M 1; sq greatly widened behind, ic quite ang; htb & mtb with 6 very long heavy brs, ftb pc with shorter brs, htb short-cil besides; hmtt nearlū eq fjs, others short; ♂ cls over ltj; 4 sg gently emarginate ♂; 1 mm sep spines on 2 sg, mr 10—12 spines on 3 sg; 4 sg with mr & submr brs, & dr 14 spines.

*Sumatrotachina facialis* (n. sp.) — Bl, 14 mm, wl, 12  $\frac{1}{2}$  mm. 1 ♂, Tandjunggadang, 1000 m, April, 1926.

H deep buff-yellow; frl fulvous, darker posteriorly; an fulvorufous, 3 an brownish on upperterminal portion; plp rufous; plr faintly silvery humeri & front edge prsc faintly brassy, msc & sc metallic dark green & thinly silvery; 4 narrow blackish thv; ab dark metallic greenish, last 3 sgs faintly silvery on basal  $\frac{1}{2}$  more or less, 4 sg on over  $\frac{1}{2}$ ; l black; w smoky, yellow costobasally; sp dull white.

*Biomyopsis* n. gen. (Genotype, *Biomyopsis sumatrensis* n. sp.)

Differs mainly *Biomya* as follows: H only a little wider than high; cl 2x cw; epl  $\frac{1}{5}$  epw; plp slender, cylindric, length 3 an, well brst, little thk tip ♀; 2 an somewhat elongate; 3 an ♀ little over 2x 2 an, widened some beyond middle; ar little longer than an, nearly bare, thk nearly  $\frac{1}{2}$  w, 2 ar scarcely 2x as long as wide; ♀ vrw  $\frac{1}{3}$  hw; frl eql, rather over pfrw; pfew not  $\frac{1}{2}$  cw; 4 ps, 3 pra; aps rather long, dec; cs moderately strong; 5 R open far before wt; cb fully  $\frac{2}{5}$  ww from hwm, marked wr at cb; M 3 nearly its length from cb; sq straight on outer side, almost arc on inner side, ic widely rounded; ♀ cls pb, fully eq ltj; ab longovoconic, weak mr & strong dr on 4 sg.

*Biomyopsis sumatrensis* (n. sp.) — Bl, 8 mm; wl, 6 mm. 1 ♀, Baso, 800 m, March, 1926.

H silvery, pfrl faintly brassy; frl dark brown; an blackish, 2 an dull silvery; plp blackish, tips fulvous; th blackish, silvery pol, thinly so on dorsum; 4 black thv, iv narrow & stopping on front  $\frac{1}{3}$  psc, faint

mv on psc in some lights; ab blackish, last 3 sgs silvery pol except broad hind margins; l black; w slightly smoky-yellowish on base & costa to tip R 3; sq whitish.

*Phorocerosoma* n. gen. (Genotype, *Phorocerosoma forte* n. sp.)

Differs from *Macromeigenia* as follows: Fcp straight, receding; c well depressed, cl little over 2x cw; ep cut quite short; fcl subparallel, wide, oblique; v on moml; vx rather over  $\frac{4}{6}$  anx; plp stout-clavate; ar long, bare, thk hardly  $\frac{1}{3}$  w; e fully reaching vl; ♂ vrw scarcely over  $\frac{1}{3}$  hw, fr eql on hind  $\frac{1}{3}$  & then widening to  $\frac{1}{3}$  hw at ba; 2 frs below ba; 4 weak rfro ♂; weak prel ocs ♂; pfcl but little narrowed below, little wider than fel; ch over  $\frac{1}{6}$  el; 2 st; prsc nearly eq psc; cb arc ra; M 1 sin, well bent inward at base; sq large, subquadrate, ic subang; ab long-ovate; ♂ hy quite large, stu V moderately developed.

*Phorocerosoma forte* (n. sp.) — Bl,  $9\frac{1}{2}$  mm; wl,  $6\frac{3}{4}$  mm. 1 ♂, Fort de Kock, 1926.

H silvery; pfrl, pfcl & uoo golden; ocs pale golden on upper  $\frac{1}{2}$ ; frl & an blackish; plp blackish-brown; plr & sc silvery, msc & humeri pale brassy; 5 blackish thv, iv & mv before ts narrow, mv heavy behind ts; ab blackish-brown, isgs silvery except hind borders, faint suggestion of brassy on tergum; l blackish; w nearly clear; sq whitish.

*Frontiniellopsis* n. gen. (Genotype, *Frontiniellopsis sumatrensis* n. sp.)

Differs from *Frontiniella* as follows: Frp nearly flat, strongly sloped, less than fcp; c well sunken, subeql, cl  $2\frac{1}{2}$  x cw; ep cut short, full width, rim warped; plp moderately stout, somewhat widened at tip ♂; ar thk  $\frac{1}{4}$  w, micro-pb; e thinly short-hairy, reaching short of vl; ♂ vrw fully  $\frac{1}{4}$  hw, fr eql on hind  $\frac{2}{6}$  & then widening to over  $\frac{1}{3}$  hw at ba; fc in middle over  $\frac{1}{2}$  hw; ♂ frl eql, nearly 2x pfwr; pfcl nearly eql, pfew nearly eq fclw; aps eq ls, dec; cs distinct, very short; 5 R moderately open; cb hardly  $\frac{1}{6}$  ww from hwm; sq moderately large, somewhat widened, ic subang; ♂ cls very long.

*Frontiniellopsis sumatrensis* (n. sp.) — Bl,  $5\frac{1}{2}$  mm; wl,  $4\frac{1}{2}$  mm. 1 ♂, Fort de Kock, 1925.

H leaden-silvery, pfrl golden posteriorly; frl & an blackish, plp dull fulvous; plr faintly pol; msc blackish, thinly pale brassy; 4 blackish thv, iv heavy & joined in black square on front  $\frac{1}{2}$  psc; sc blackish with wide golden margin; ab blackish, last 2 sgs golden pol on irregular front  $\frac{1}{2}$ , 2 sg narrowly golden on front margin; 1 blackish; w nearly clear, with faint smoky tinge on costa; sq pale smoky-yellowish.

*Epixorista* n. gen. (Genotype, *Epixorista episcopa* n. sp.)

Differs from *Zygocarcelia* as follows: Ar thk  $\frac{1}{2}$  w; e nearly bare, nearly reaching vl; ♀ vrw  $\frac{1}{4}$  hw, fr widening to  $\frac{1}{3}$  hw at ba; fc

subeq, over  $\frac{2}{5}$  hw; frs 2 below ba, 2 behind ba ♀; 2 pfro ♀; frl eq,  $\frac{2}{3}$  pfrw; ocs distinct, prel; ch scarcely  $\frac{1}{5}$  el; 4 st; ls 3 long & 1 weak; aps dec,  $\frac{1}{2}$  length hls; 1 ds, nearly eq aps; R5 brst nearly  $\frac{1}{3}$  w to R6; cb  $\frac{1}{5}$  ww from hwm; M3 not parallel to hwm; mmtt eq fjs; 1 strong mm on 1 sg.

*Epixorista episcopa* (n. sp.) — Bl, 8 mm; wl,  $6\frac{1}{2}$  mm. 1 ♀, Fort de Kock, 1926.

H dull silvery, pfrl with faintest tinge of brassy, frl & an blackish; plp fulvous, blackish on base; plr & humeri silvery; th blackish, msc & sc silvery pol with scarcely a brassy tinge; 5 black thv, iv stopping on front  $\frac{1}{3}$  psc, mv confined to psc; ab blackish, reddish on sides, isgs silvery on basal  $\frac{3}{5}$ , 4 sg on basal  $\frac{1}{2}$ ; 1 black; w nearly clear; sq nearly white.

*Epixorista ocellaris* (n. sp.) — Bl,  $7\frac{1}{2}$  mm; wl, 6 mm. 1 ♀, Fort de Kock, 1926.

Differs from *E. episcopa* by no ocs, R5 hb, R6 nearer tip S2 than tip R1, e thinly pilose, cb subang, ltj lf ♀ much longer than preceding, ch fully  $\frac{1}{5}$  el; dish msc distinctly brassy, sc testaceous except the blackish base.

*Leiosiopsis* n. gen. (Genotype, *Leiosiopsis aristalis* n. sp.)

Differs from *Sturmiodoria* as follows: Hw over  $1\frac{1}{3}$  x hh; c distinctly but only faintly depressed; fel faintly oblique, evenly coalesced with c, ironed into the shallow curve of cpl; vx  $\frac{3}{4}$  anx, rather over  $\frac{2}{3}$  hh, anx hardly over  $\frac{1}{2}$  hh; ar longer than an, thin, faintly thk  $\frac{1}{3}$  w, pb over  $\frac{1}{2}$  w; e thinly pilose, a little oblique; ♀ vrw  $\frac{1}{4}$  hw, fr widening to  $\frac{3}{8}$  hw at ba; fc slightly widened below,  $\frac{3}{7}$  hw; frs 1 or 2 below ba, 4 or 5 in all; 2 rfro ♀; frl a little narrowed posteriorly, nearly  $\frac{2}{3}$  pfrw; ocs very fine, hairlike, prel; pfcl narrowed below to  $\frac{1}{3}$  upper width; 2 strong st (3d small on 1 side); R5 with 4 or 5 strong brs closely set, extending not  $\frac{1}{3}$  w to R6; 5 R moderately wide mw; cb fully  $\frac{1}{5}$  ww from hwm; sq moderately widened behind; htb pe, with 1 longer br; mmtt eq fjs, hmtt nearly so; ♀ ft distinctly widened; ab ovoconic; 1 mm on 1 sg, nearly as strong as on 2 sg.

*Leiosiopsis aristalis* (n. sp.) — Bl, 8 mm; wl,  $6\frac{1}{2}$  mm. 1 ♀, Fort de Kock, 1926.

H silvery, pfrl & ch with a faint brassy tinge; frl & an very dark brown; plp fulvous; plr & humeri silvery, msc with scarcely a brassy tinge; 4 black thv, iv narrow & stopping on front  $\frac{1}{3}$  psc; sc blackish on base, rest silvery; ab blackish, bases last 3 sgs rather broadly silvery pol, the pollen covering about basal  $\frac{1}{2}$  of 3 sg; 1 blackish; w faintly smoky along costal region; sq tinged with tawny.

*Phoriniophylax* n. gen. (Genotype, *Phoriniophylax phoeda* n. sp.)

Differs from *Argyrophylax* as follows: B narrow; hw  $1\frac{1}{2}$  x hh; frp gently arc, considerably over fcp; c very shallow; rim of ep somewhat warped; fcl bare, fused with c; ♀ 3 an  $2\frac{1}{2}$  x 2 an, eql, moderately wide; e not oblique; ♀ vrw  $\frac{1}{4}$  hw, fr widening evenly to little over  $\frac{1}{3}$  hw at ba; fc eql, little over  $\frac{1}{3}$  hw; frs 2 or 3 below ba, 2 or 3 behind ba ♀; frl slightly narrowed posteriorly,  $\frac{1}{2}$  pfrw; ch  $\frac{1}{12}$  el; 2 strong st & 3 d weak below; aps dec, eq mls; R1 terminating a little beyond R6; 5 R open 3 x mw before wt; cb oa, not  $\frac{1}{4}$  ww from hwm; M1 nearly straight; sq wide, ic subround; htb pc, with several longer brs; mtt sq fjs.

*Phoriniophylax phoeda* (n. sp.) — Bl, 7 mm; wl, 6 mm. 2 ♀, Fort de Kock, 1925.

H silvery, pfrl pale brassy; frl & an black; plp fulvous, th & sc silvery pol, faint brassy tinge on dorsum; 5 blackish thv, iv stopping on front  $\frac{1}{3}$  psc, mv confined to psc; ab blackish, fulvous on vn & sides, isgs silvery except narrow hind margins, basal  $\frac{1}{4}$  of 4 sg silvery, brassy tinge to pollen of tergum; 1 blackish; w faintly smoky along costa; sq sordid whitish.

*Senexorista* n. gen. (Genotype, *Senexorista sumatrana* n. sp.)

Differs from *Senometopia* as follows: Fcp straight, receding; c almost flush, narrowed upward, cl  $1\frac{1}{2}$  x cw; ep full width, faintly elongate, distinctly warped; fcl bare, wide, nearly eql, flattened nearly into cpl; vx  $\frac{2}{3}$  anx, latter little over  $\frac{1}{2}$  hh; 2 an somewhat elongate; ♂ 3 an 3 x 2 an, widening somewhat toward tip; e reaching below vl; ♂ vrw nearly  $\frac{1}{6}$  hw, fr eql on posterior  $\frac{1}{2}$  & then widening to less than  $\frac{1}{3}$  hw at ba; fc in middle considerably over  $\frac{1}{3}$  hw; 3 rfro ♂; frl  $\frac{2}{3}$  pfrw, slightly narrowed posteriorly; ch  $\frac{1}{6}$  el; 2 st, 3 pi, 4 ps, 3 pra, pa & ls; aps quite long, dec; 1 ds, eq aps; 5 R widely open 3 x mw before wt; cb subang ra or slightly oa, not  $\frac{1}{3}$  ww from hwm; M3 strongly bent in before tip, long, not its length from cb; htb thinly cil with curved brs, with 1 longer br; mtt not eq fjs; ♂ ab ovate, narrowly truncate at tip; 1 strong mm on 1sg, many strong erect brs simulating md on isgs.

*Senexorista sumatrana* (n. sp.) — Bl,  $7\frac{1}{2}$  mm; wl,  $6\frac{1}{2}$  mm. 1 ♂, Fort de Kock, 1925.

H silvery, pfrl golden to lowest frs; frl & an blackish; plp fulvous; plr thinly silvery, humeri & sides of msc slightly golden, rest of msc thinly silvery; 5 black thv, iv moderately heavy & stopping on front  $\frac{1}{3}$  psc, mv confined to psc; sc testaceous, narrowly blackish on base; ab abscreely reddish on sides & vn, tergum blackish, last 3 sgs silvery pol except irregular hind margins; 1 blackish, tb tinged, reddish-brown; w dilute smoky on irregular costal  $\frac{1}{2}$ ; sq pale yellowish.



*Sumatrodoria* n. gen. (Genotype, *Sumatrodoria summaria* n. sp.)

Differs from *Philippodoria* as follows: Epl  $\frac{1}{5}$  epw; vx  $\frac{4}{5}$  anx, latter fully  $\frac{2}{3}$  hh; 2 an slightly elongate; ♂ 3 an 3 x 2 an, ♀ 2  $\frac{1}{2}$  x; ♂ vrw nearly  $\frac{1}{3}$  hw, fr widening on over anterior  $\frac{1}{2}$  to more than  $\frac{1}{3}$  hw at ba; ♀ vrw not  $\frac{1}{3}$  hw, fr widened to  $\frac{1}{3}$  hw at ba; fc in middle  $\frac{1}{2}$  hw ♀, over  $\frac{1}{2}$  ♂; 2 frs below ba, 1 strong dec at ba, 3 weaker behind ba, 5 or 6 shorter in 2d fr outside; 1 vrs ♂; frl slightly narrowed posteriorly, rather over pfrw ♂ & under ♀; pfcw  $\frac{1}{2}$  cw; ch little over  $\frac{1}{6}$  el; cb subround ra,  $\frac{1}{4}$  ww from hwm; M3 sin,  $\frac{2}{3}$  its length from cb; htb cil & 1 longer br; ♂ mmtt eq fjs, all mtt ♀ eq fjs; ♂ cls long; 1 very weak mm on 1 sg; 4 sg short, covered with brs.

*Sumatrodoria summaria* (n. sp.) — Bl, 7  $\frac{1}{2}$  to 9  $\frac{1}{2}$  mm; wl, 6 to 7 mm. 4 ♂ & 1 ♀, Fort de Kock, 1925 & 1926.

H silvery, pfrl brassy, frl brown, an blackish; plp blackish, tips testaceous; th blackish, thinly silvery-gray pol with faint tinge of brassy; 5 black thv, iv stopping on front  $\frac{1}{3}$  psc, mv confined to psc; lateral edge psc between psa & wb (wall of prealar callus) pale brassy; sc testaceous on tip; ♂ ab blackish, faintly reddish on sides, last 3 sgs silvery pol on basal  $\frac{1}{2}$ ; ♀ ab without tinge of reddish, pollen of tergum faintly brassy; 1 blackish; w clear, sq nearly white.

*Zygocarcelia* n. gen. (Genotype, *Zygocarcelia cruciata* n. sp.)

Differs from *Senexorista* as follows: Frp arc, rather over fcp; ♂ 3 an little over 2  $\frac{1}{2}$  x 2 an, upper edge dished in profile beyond ar; ba hardly above em; e thinly hairy, faintly oblique, reaching vl; ♂ vrw  $\frac{1}{4}$  hw, fr eql on hind  $\frac{1}{3}$  & then widening to  $\frac{1}{3}$  hw at ba; frs 2 or 3 below ba, 6 behind ba ♂, 1 fr; vrs 1 ♂, ivrs dec; 2 rfro ♂; frl little less than pfrw; no ocs; 5 R open 4 x mw before wt; cb ang oa, nearly  $\frac{1}{4}$  ww from hwm; M3 sin, parallel to hwm; mtt eq fjs; ♂ cls little over ltj; ♂ ab ovate, large long-villous spots on vn 3 sg.

*Zygocarcelia cruciata* (n. sp.) — Bl, 8  $\frac{1}{2}$  mm; wl, 7  $\frac{1}{2}$  mm. 1 ♂, Air Njuruk Bempo, 1400 m, August 1916, yellow label "66/64".

H faintly brassy; fp, fel & loo silvery; frl & an blackish; plp fulvous, dusky on base; plr silvery, msc faintly brassy; 5 blackish thv, iv stopping on front  $\frac{1}{3}$  psc, mv confined to psc; sc blackish, broad margin subttestaceous & brassy-silvery pol; ab blackish-brown, sides & vn to base of 3 sg fulvous; 2 sg brassy-silvery on basal  $\frac{1}{2}$ , 3 sg same on over basal  $\frac{1}{2}$  & 4 sg on less than basal  $\frac{1}{2}$ ; 1 brownish-black; w pale smoky on costa; sq pale smoky-yellowish.

*Carcelia albifacies* (n. sp.) — Bl, 10  $\frac{1}{2}$  mm; wl, 8 mm. 1 ♀, Gunung Singgalang, 1800 m, 1925.

Differs from *C. sumatrana* in pfl wider below, ♀ vrw  $\frac{1}{6}$  hw, fr widening evenly to  $\frac{1}{3}$  hw at ba, fc widening to  $\frac{3}{7}$  hw at vl; fc & loo

silvery-white; pollen of b light golden, more silvery on vn; tergum blackish-brown on middle  $\frac{1}{3}$  of 1st 2 sgs, nearly all 3sgs & middle  $\frac{1}{2}$  of 4sg; sides of 1st 2sgs rufous on tergum; narrow bases isgs golden pol, widening on sides; 4 sg broadly golden on sides; 1 fulvous-yellow, t dusky except inner surface of 1st 2 js of ht; w faintly smoky especially along wv; sq yellowish-smoky.

*Carcelia aurata* (n. sp.) — Bl, 8 to  $9\frac{1}{2}$  mm; wl, 7 to  $8\frac{1}{2}$  mm. 1 ♂ & 2 ♀, Fort de Kock, 1925.

Differs from *C. kockiana* by ♂ vrw well over  $\frac{1}{5}$  hw, ♀ little over  $\frac{1}{6}$  to over  $\frac{1}{5}$  hw; pollen of upper parts deeply golden ♂ especially on tergum, that of ♀ less deeply golden & less extent of golden on pfrl; w smoky-yellowish on costal border & along main wv.

*Carcelia kockiana* (n. sp.) — Bl,  $7\frac{1}{2}$  to  $8\frac{1}{2}$  mm; wl,  $6\frac{1}{2}$  to  $7\frac{1}{2}$  mm. 2 ♂ & 2 ♀, Fort de Kock, 1925.

H silvery, pfrl pale golden, uocc more or less brassy ♂; frl black; an blackish, 2 an at times slightly tinged with rufous, 3 an with grayish bloom in oblique view; plp fulvous; plr & basal  $\frac{1}{2}$  vn silvery, tergum & dorsum of th pale golden to brassy pol; usual 5 thv but mv dim, disk of msc more silvery, base of sc blackish together with 1 sg & broad hind margins of last 3 sgs, sides of ab obscurely reddish; 1 dark brown; w clear, faintly yellowish along main wv; sq watery-whitish to faintly tanwy. Vrw ♂ hardly  $\frac{1}{5}$  hw, ♀ over  $\frac{1}{4}$  hw.

*Carcelia singgalangia* (n. sp.) — Bl, 8 mm; wl, 7 mm. 1 ♂, Gunung Singgalang, 1600 m, August 1925.

Differs from *C. kockiana* by ♂ vrw  $\frac{1}{4}$  hw, pollen of all upper

*Carcelia sumatrana* (n. sp.) — Bl,  $10\frac{1}{2}$  mm; wl, 9 mm. 1 ♂, parts distinctly golden including pfrl & disk of msc.

Suban Ajam, July 1916, yellow label „66/36“.

H light golden pol, pfrl deeply golden; fp, fel & loo silvery, golden of pfel becoming dilute below; frl dark brown; an blackish; plp fulvous-yellow; ocb pale brassy; th pale golden pol; humeri, sc, lateral & hind margins msc testaceous-fulvous beneath pollen; 5 dark thv, mv dimly showing on prsc; ab fulvous-yellowish, 4sg & middle of tergum of 1 sg brown, some brownish on middle of isgs, tergum of last 3 sgs pale golden pol, vn silvery; 1 brown, tb yellowish; w very faintly smoky on wv, yellowish on costa; sq yellowish. Vrw ♂  $\frac{1}{6}$  hw, fr widening to less than  $\frac{1}{3}$  hw at ba, fc  $\frac{1}{3}$  hw at vl, 1 or 2 brs at base R5, R6  $\frac{1}{2}$  w between tips of S2 & R1.

*Carcelia tjibodana* (n. sp.) — Bl, 12 mm; wl, 10 mm. 1 ♂, Tjibodas, Java, Feby. 1916, yellow label „66/37“.

Differs from *C. sumatrana* by ♂ vrw  $\frac{1}{5}$  hw, hind  $\frac{1}{3}$  fr eql & fr then widening to  $\frac{1}{3}$  hw at ba, fc  $\frac{3}{7}$  hw at vl; htb thickly cil without

longer br; ab rufous, isgs broadly black on middle, bases of t more or less yellowish, w nearly clear, sq yellowish; 1 br at base R5 above & below, R6 much nearer tip of S2. This species is not a true *Carcelia* and will probably need a new genus for its reception. The specimen is too damaged to describe properly.

*Carceliopsis* n. gen. (Genotype, *Carceliopsis sumatrensis* n. sp.)

Differs from *Eocarceliopsis* as follows: Frp arc, over  $1\frac{1}{2} \times$  fcp, steeply sloped; c shallowly depressed, cl little over  $1\frac{1}{2} \times$  cw; ep cut rather short, epl  $\frac{1}{6}$  epw; fcl flat-oblique, inner edges nearly parallel; v little above moml; vx  $\frac{4}{5}$  anx; ba little above em; 3 an ♂ hardly  $3 \times 2$  an, ♀  $2\frac{1}{2} \times$ ; vrw ♀ nearly  $\frac{1}{4}$  hw, fr widening to nearly  $\frac{1}{3}$  hw at ba; fc eql,  $\frac{1}{3}$  hw ♀ & little wider ♂; frs 3 or 4 below ba, 9 or 10 behind ba ♂ & 6 behind ♀; very weak ovsr ♂; frl faintly narrowed posteriorly, eq pfrw ♂ & hardly that ♀; strong dec aps, shorter than hls; 1 ds, shorter than aps; cb subround oa,  $\frac{1}{4}$  ww from hwm; sq large, ic ang; mmtt ♂ eq fjs, all ♀ eq fjs; ♂ cls little over ltj; ♂ ab oblong-ovate, little longer than broad; no mm on 1 sg, 1 short weak mm on 2 sg, 4 sg thickly covered with long brs.

*Carceliopsis sumatrensis* (n. sp.) — Bl, 8 to 9 mm; wl, 7 to  $7\frac{1}{2}$  mm. 2 ♂ & 1 ♀, Fort de Kock, Dec. 1920.

H silvery, frl & an blackish, plp fulvous; th blackish, thinly silvery; 5 blackish thv, iv stopping on front  $\frac{1}{3}$  psc & mv confined to psc; sc wholly pale testaceous, very faintly pol; ab blackish, last 3 sgs silvery pol except narrow hind borders, sides & vn ab rufofulvous; l blackish, tb paler; w clear; sq whitish. The ♀ has sides ab & vn only slightly rufous & pollen with faint suggestion of brassy especially on pfrl.

*Catacarcelia* n. gen. (Genotype, *Catacarcelia kockiana* n. sp.)

Differs from *Calocarcelia* as follows: B narrowed; c considerably depressed, narrow, eql, cl nearly  $3 \times$  cw; 2 an somewhat elongate; ♀ 3 an  $3 \times 2$  an, eql; ♀ vrw  $\frac{1}{4}$  hw, fr widening to  $\frac{1}{3}$  hw at ba; fc eql, hardly  $\frac{2}{5}$  hw; 3 or 4 ps; aps long & strong, dec, shorter than ls; R1 terminating a little beyond R6; sq well rounded behind; htb pc with 2 longer brs; ab narrow-ovate.

*Catacarcelia kockiana* (n. sp.) — Bl, 7 mm; wl, 6 mm. 2 ♀, Fort de Kock.

H silvery; pfrl pale golden behind, including oet & vr; frl & an black, plp pale fulvous; plr & humeri silvery, msc & sc pale golden pol; 4 blackish thv, iv narrow & stopping on front  $\frac{1}{3}$  psc; ab blackish, last 3 sgs pale golden pol on basal  $\frac{1}{2}$ , the pollen silvery on sides & vn; 1 alack, w clear, sq nearly white.

*Sisyropa sumatrana* (n. sp.) — Bl, 8 mm; wl,  $7\frac{1}{2}$  mm. 1 ♂, Suban Ajam, July 1916, yellow label „66/43“.

H pale golden, pfrl deeply so; fp, fcl, loo & locc silvery; ocb whitish; plr & vn 1st 3 sgs silvery; whole upper b light golden, base sc & usual 5 thv blackish; ab rufofulvous, 4sg black & golden pol on basal  $\frac{2}{3}$ ; narrow mv of vn & narrow hind margin 3sg on vn black; broad hind margin 3sg on tergum polished black, triangle on middle 2sg black, hollow of 1sg black; 1 black; w faintly smoky-yellowish on base & costa; sq tinged with yellowish.

*Calozenillia* n. gen. (Genotype, *Calozenillia auronigra* n. sp.)

Differs from *Zygozenillia* as follows: Frp nearly flat, nearly eq fep; cl rather over  $1\frac{1}{2}$  x cw; ep cut off a little below v, full width, well warped; v a little above oml; plp slenderclavate ♀; 2an short; 3an ♀ 4x 2an, eql, moderately broad; ar thk nearly  $\frac{1}{3}$  w, micro-pb, 2ar nearly 2x as long as wide; e moderately pilose, oblique, nearly reaching vl; ♀ vrw  $\frac{1}{4}$  hw, fr widening evenly to little over  $\frac{1}{3}$  hw at ba; fc in middle fully  $\frac{1}{2}$  hw; 2 frs below ba & 2 behind ♀; vrs 1 ♀, 2 pfro & rfro ♀; frl slightly narrowed posteriorly, less than pfrw; pfcl a little wider than fel, much widened at ba; aps slender, dec; 1 ds; 5R very narrowly open considerably before wt; cb rounded oa,  $\frac{1}{5}$  ww from hwm; 1 md on isgs, dr of 8 on 4sg.

*Calozenillia auronigra* (n. sp.) — Bl,  $6\frac{3}{4}$  mm; wl,  $5\frac{3}{4}$  mm. 1 ♀, Tandjunggadang, 1200 m, Dec. 1925.

H deep golden, including uoo; fp, fcl, occ & ch dull silvery; frl & an black; plp dull fulvorufous; stplr silvery; msc, humeri & hind  $\frac{1}{2}$  mplr deep golden; 4 heavy black thv, iv confluent in black quadrangle on front  $\frac{1}{2}$  psc with irregular hind border; sc black on over basal  $\frac{1}{2}$ , rest & umpp deep golden; ab black, narrow base of 2sg & wider bases of last 2 sgs deep golden, the pollen becoming silvery on vn; l black; w black on costal border to tip R3; sq pale yellow, sql whitish.

*Isosturmia* n. gen. (Genotype, *Isosturmia inversa* n. sp.)

Differs from *Zygozenillia* as follows: Frp gently arc, strongly sloped, considerably over fep; c only slightly sunken; ba a little above em; ♂ 3an hardly 3x 2an, narrow, nearly eql; ar slightly thk  $\frac{1}{4}$  w & tapered; e thinly pilose, not oblique, reaching below vl; ♂ vrw  $\frac{1}{5}$  hw, fr eql on hind  $\frac{1}{3}$  & then widening to less than  $\frac{1}{3}$  hw at ba; fc in middle hardly  $\frac{2}{5}$  hw; frs 2 or 3 below ba, 5 or 6 behind ba ♂, 1 frr; vrs 1 ♂, ivrs dec; 2 strong rfro; frl nearly eq pfrw; no ocs; ch  $\frac{1}{6}$  el; cb subang slightly oa,  $\frac{1}{6}$  ww from hwm; htb cil & no longer br; ♂ cls moderately long.

*Isosturmia inversa* (n. sp.) — Bl, 9 mm; wl, 7 mm. 1 ♂, Tandjunggadang, 1000 m, 1926.

H faintly brassy, fp & fcl silvery, occ more grayish; frl blackish, an brownish-black; plp brownish basally, tips fulvous; plr thinly silvery,

mse & sc faintly brassy pol; 5 blackish thv, iv narrow & stopping on front  $\frac{1}{3}$  psc, mv as wide as ov & confined to psc; sc with fulvous tinge on tip, blackish on base; ab blackish-brown, last 3 sgs pale brassy pol on base above & more silvery on vu, sides of ab obscurely rufous, black-haired spots of vu 3sg large; 1 blackish; w nearly clear, faintly smoky on proximal  $\frac{1}{2}$  costa; sq pale tawny-smoky.

*Isosturmia intermedia* (n. sp.) — Bl, 9 mm; wl, 7 mm. 1 ♂, Fort de Kock, 1925.

Differs from *I. inversa* by ♂ vrw nearly  $\frac{1}{4}$  hw, h silvery, pfrl faintly brassy, plp fulvous, mse & sc silvery, mv narrow like iv, hardly a brassy tinge to pollen of ab, w nearly clear, sq watery-white.

*Macrozenillia* n. gen. (Genotype, *Macrozenillia aurescens* n. sp.)

Differs from *Eozenillia* as follows: C well depressed; fel flat-oblique, wide as pfel, strongly cil  $\frac{2}{3}$  w with long brs, crests bowed; vx  $\frac{5}{6}$  anx, latter  $\frac{3}{4}$  hh; 2an somewhat elongate; ♂ 3an  $2\frac{1}{2} \times 2$ an, narrow, rounded at tip; ar eq length an, thk a little over  $\frac{1}{3}$  w & tapered; e densely pilose, a little oblique, reaching short of vl; ♂ vrw little over  $\frac{1}{5}$  hw, eql on hind  $\frac{1}{3}$  & then widening to  $\frac{1}{3}$  hw at ba, fe in middle over  $\frac{1}{2}$  hw; frs 3 or 4 below ba, 6 or 8 behind ba ♂, 1 frr; vrs 1 short ♂, not dec; no pfro ♂, 1 rfro; frl narrowed posteriorly, finely hairy; pfel eql, pfew not  $\frac{1}{2}$  cw; ch  $\frac{1}{3}$  el, nearly all invaded by ocar; thw eq hw & nearly eq abw; prsc a little shorter than psc on ml; cb rounded ra to slightly oa, nearly  $\frac{1}{4}$  ww from hwm; M1 gently arc inwardly; no wr at cb; M3 long, sin, not its length from cb, nearly parallel to M1 but not to hwm; sq well widened, ic ang; mmtt nearly eq fjs; ♂ els elongate; 1 weak hairlike mm on 1sg.

*Macrozenillia aurescens* (n. sp.) — Bl, 11 mm; wl, 9 mm. 1 ♂, Tandjungadang, 1000 m, Oct. 1925.

H faintly brassy, c & fel leaden; frl, an & plp dark brown or blackish; ch & oec more silvery; th blackish, subsilvery; 5 blackish thv, iv linelike & stopping on front  $\frac{1}{4}$  psc, mv heavy & confined to psc; ab blackish, last 2 sgs rather deeply rusty-gold pol, 2sg more silvery, hind borders isgs irregularly blackish, ab faintly reddish on sides of 2sg; 1 dark brown, htb paler on terminal  $\frac{2}{3}$ ; w clear; sq pearly-whitish.

*Phryxosturmia* n. gen. (Genotype, *Phryxosturmia jacobsoni* n. sp.)

Differs from *Polychnomyia* as follows: Ep well warped; ♂ 3an  $2 \times 2$ an; ar thk  $\frac{2}{3}$  w & tapered; ♂ vrw well over  $\frac{1}{4}$  hw, fr at ba almost  $\frac{1}{2}$  hw; 3 to 6 frs below ba, closely set, 2d incomplete frr ♂; 2 to 3 strong rfro ♂; ch well over  $\frac{1}{4}$  el; 2 to 3 st, 4 long strong equal ls; short strongly dec aps; M3 much nearer cb; 1 strong erect mm on 2sg.

*Phryxosturmia jacobsoni* (n. sp.) — Bl,  $12\frac{1}{2}$  to  $13\frac{1}{2}$  mm; wl,  $9\frac{1}{2}$  to

10 mm. 3 ♂, Harau Kloof, Nov. 1913; Gunung Singgalang 1000 m, July 1925; & Fort de Kock, 1924.

H silvery-whitish, pfrl showing blackish posteriorly; frl & an blackish-brown, at times 3an faintly reddish on base; plp deep fulvous, dusky on base; b thinly silvery, usually with faint brassy tinge; 5 blackish thv of usual pattern, iv a little narrower; sc black on arc base in some lights but wholly pol in others; ab black, isgs widely pol on base, 4sg over  $\frac{1}{2}$  pol basally; l black; w tinged on veins in costobasal region; sq whitish, more or less tinged with tawny.

*Prosturmia* n. gen. (Genotype, *Prosturmia profana* n. sp.)

Differs from *Sturmia* as follows: Frp less than fcp, flat, sloping; c well depressed, narrow, nearly eql, cl nearly  $3 \times$  cw; epl  $\frac{1}{5}$  epw; fel brst  $\frac{1}{4}$  w, oblique, subparallel, felw eq pfew &  $\frac{1}{2}$  cw; 2an a little elongate; ♂ 3an  $2\frac{1}{2} \times$  to little over  $3 \times$  2an, narrow & usually narrowed on middle; ♂ vrw  $\frac{1}{4}$  hw, fr eql on hind  $\frac{1}{3}$  or so & then widening to rather over  $\frac{1}{3}$  hw at ba; fc in middle  $\frac{1}{2}$  hw; 4 or 5 frs below ba, 5 or 6 behind ba ♂, imperfect 2d weaker frr; pfel finely micro-haired on upper  $\frac{1}{2}$ , eql; ch  $\frac{1}{4}$  el, nearly all occupied by oear; 4 long strong equal ls; short dec aps; htb cil & 1 slightly longer br below middle; ♂ cls long; practically no mm on 1sg, at most weak & scarcely longer than adjacent hairs.

*Prosturmia profana* (n. sp.) — Bl, 9 to 10 mm; wl,  $6\frac{1}{2}$  to  $7\frac{1}{2}$  mm. 4 ♂, Fort de Kock.

H leaden-silvery, pfrl brassy; frl dark brown; an blackish, 3an with bloom in some lights; plp fulvous; th & ab dark brown, sc testaceous except base, plr leaden-silvery, msc thinly pol; 4 equally heavy blackish thv, iv stopping in middle psc; last 3 sgs silvery pol on basal  $\frac{1}{2}$  more or less; l dark brown or blackish, ff pol on outside; w clear, sq sordid-whitish.

*Prosturmia subanajama* (n. sp.) — Bl,  $8\frac{1}{2}$  to 9 mm; wl,  $6\frac{1}{2}$  to 7 mm. 2 ♂, Suban Ajam, July 1916.

Differs anatomically from *P. profana* by frp eq fcp, cl  $2\frac{1}{2} \times$  cw, felw eq pfew but not  $\frac{1}{2}$  cw, eq slightly narrowed from c, ♂ 3an  $3 \times$  2an, ♂ vrw little over  $\frac{1}{5}$  hw, fr at ba not  $\frac{1}{3}$  hw, fc not  $\frac{1}{2}$  hw, 2 or 3 frs below ba & 3 behind ♂, no 2d frr, ♂ frl over pfrw, ch little over  $\frac{1}{5}$  el, cb rather rounded oa to ra, mm of 2sg very weak, & black-hairy areas of vn 3sg large. Col same save ab more distinctly reddish on sides & 1 ♂ shows no brassy on fr.

*Pseudokea sumatrana* (n. sp.) — Bl, 9 mm; wl,  $7\frac{1}{2}$  mm. 1 ♂, Gunung Singgalang, 1600 m, Aug. 1925.

Differs from *P. neowinthemioides* by ar thk nearly  $\frac{1}{2}$  w, mls very weak, aps nearly eq bls, ch  $\frac{1}{5}$  el, 3 frs below ba, sc & broad sides ab

fulvous-yellowish; middle  $\frac{1}{2}$  of 1st 2 sgs, all of 4sg & all but front corners 3sg black, isgs pale brassy pol on basal  $\frac{1}{2}$  or less, 4sg on narrow base; l black, w clear, sq tinged with yellowish.

*Sumatrosturmia* n. gen. (Genotype, *Sumatrosturmia orbitalis* n. sp.)

Differs from *Ugimyia* as follows: Ep gently to strongly warped, epl  $\frac{1}{4}$  to  $\frac{1}{3}$  epw; plp eq 3 an ♂; 2 an rather long; ♂ 3 an 3 x 2 an, narrow, eql; ar longer than an, thin, a little thk  $\frac{1}{3}$  w; ♂ vrw  $\frac{1}{4}$  hw; 2 frs below ba; vrs 2 strong ♂, ivrs not dec; 2 strong pfro ♂; pfcf well setose or haired on upper  $\frac{1}{3}$  below frs; ch  $\frac{1}{3}$  el; 2 st; aps minute, straight; R6 oblique, a little beyond termination of S2; cb  $\frac{1}{5}$  ww from hwm; ♂ cls short.

*Sumatrosturmia orbitalis* (n. sp.) — Bl, 11  $\frac{1}{2}$  to 13 mm; wl, 8 to 10  $\frac{1}{2}$  mm. 6 ♂, 4 Tandjunggadang, 1000—1200 m; 1 Anai Kloof 500 m; & 1 Fort de Kock; Dec. 1925 to Feb. 1926.

H pale dull brassy; frl, an & plp black; th faintly brassy, rather more silvery; 5 black thv, iv narrower, mv broadened; sc with disappearing blackish area at base; ab blackish, last 3 sgs pale to deep golden pol on basal  $\frac{1}{2}$  or more, leaving mv widest on 2sg & narrowest on 4sg or at times obsolete on 4sg; pollen of vn fading to silvery on 2sg; l black, w faintly smoky-tinged along ww, sq tinged with smoky.

*Ugimyia jacobsoni* (n. sp.) — Bl, 10 mm; wl, 8  $\frac{1}{2}$  mm. 1 ♂, Tandjunggadang, 1000 m, Oct. 1925.

Differs from *U. sericariae* by 3 frs below ba, ch  $\frac{2}{5}$  el, 2 vrs ♂ but ovs very weak, 2 pi or 3 & front 1 very weak, 2 d ls eq aps, 5 R open 3 x mw before wt, cb  $\frac{1}{5}$  ww from hwm. H silvery, pfrl & pfcf brassy; frl, an & plp black; pollen of b silvery; th black, thinly pol; 4 narrow black thv, a mv faintly showing; sc broadly testaceofulvous on border; ab black, fulvousyellowish on sides & vn of 2sg & base of vn of 3sg, isgs broadly pol on bases, 4sg pol except tip; l black; w clear, ww black; sq faintly smoky. Large black-pilose spots on vn 3sg.

*Eoparachaeta* n. gen. (Genotype, *Eoparachaeta orientalis* n. sp.)

Differs from *Proparachaeta* as follows: B more narrowed; hw scarcely over hh ♂, somewhat over ♀; frp rather over fep; ocp little bulged below; e only slightly oblique; ♂ fr somewhat over  $\frac{1}{3}$  hw at ba; ♀ vrw rather over  $\frac{1}{4}$  hw, fr  $\frac{1}{2}$  hw at ba; 3 frs below ba ♀, 4 below ♂ & 1 fr; 2 vrs ♀; 1 rfro ♂; ♂ frl little less than pfrw, ♀ over  $\frac{1}{2}$  pfrw; ocs rather strong ♀; pfcf scarcely narrowed below ♂, somewhat narrowed ♀,  $\frac{2}{3}$  cw, well setose below frs, lower  $\frac{1}{2}$  bare; 3 st ♂, 4 ♀; 2 pi ♂, 3 ♀; 3 ls; ♂ mmtt & ♀ mmtt & hmtt eq fjs; ♂ ab scarcely wider than th, longer than wide; ♀ ab subsquare, scarcely longer than wide; mr spinelike on 3sg.

*Eoparachaeta orientalis* (n. sp.) — Bl, 12 to 14 mm; wl, 11  $\frac{1}{2}$  to

12  $\frac{1}{2}$  mm. 2 ♂ & 2 ♀, Air Njuruk, Dempu, 1400 m, August 1916, yellow label „66/38“; Sungai Kumbang, Sept. 1915, yellow label „66/39“; & Gunung Singgalang, 1800 m, 1925.

H golden pol, locc paler, pfrl darker behind; frl & an blackish-brown; plp brown; th blackish with faint silvery bloom ♂, more pronounced ♀; 5 narrow black thv, mv showing on both prsc & psc; sc testaceous; ab black, isgs narrowly silvery on bases, 4sg slightly more brassy on base & widening on sides; l blackish; w black or brown on costobasal portion, extending about to tip R3; sq blackish-infusate.

*Eoparaachaeta sturmioides* (n. sp.) — Bl, 10  $\frac{1}{2}$  to 14  $\frac{1}{2}$  mm; wl, 9  $\frac{3}{4}$  to 11  $\frac{3}{4}$  mm. 4 ♂, Tandjungadang, 1000 to 1200 m, 1 Nov. & 1 Dec. 1925, other 2 1926; & 2 ♀, Fort de Kock, 1925.

Black; h silvery-ashy to silvery ♂, silvery-white ♀; pfrl & pfl golden ♂, only pfrl golden ♀; in 1 ♂ fcl & fp tinged with golden; frl, an & plp black, last pale on tips; th & ab thinly silvery-whitish pol; 4 equally heavy & rather narrow black thv, also mv more or less distinct; sc blackish on base, more or less testaceous on border beneath pollen; last 3 sgs pol on bases, spreading more widely on vn, pollen of tergum at times with faint brassy tinge; ab faintly reddish-tinged on sides; 3sg with large black-hair patches on vn & partly extending on sides; l black; w deeply black on broad costobasal portion, following most of wv; sq pale smoky ♂, whitish ♀, rusty to yellowish on outer margins especially ♂. The pollen of ab covers  $\frac{1}{2}$  or less of isgs & over  $\frac{1}{2}$  of 4sg on sides, thinning posteriorly.

*Gaediogonia* n. gen. (Genotype, *Gaediogonia jacobsoni* n. sp.)

Differs from *Salmacia* as follows: ♂ 2 an somewhat elongate; ♂ 3 an 5 x 2 an; ♂ vrw  $\frac{2}{5}$  hw, fr widening to over  $\frac{1}{2}$  hw at ba; fc not narrowed from fr, eql, over  $\frac{1}{2}$  hw; no pfr ♂, 2 rfr; frl  $\frac{2}{3}$  pfrw; pfcw eq cw; ch  $\frac{1}{3}$  el; R5 bb; M3 not parallel to hwm; ♂ els eq ltj.

*Gaediogonia jacobsoni* (n. sp.) — Bl, 11 mm; wl, 7  $\frac{1}{2}$  mm. 1 ♂ Fort de Kock, 1925.

H silvery, uoc faintly brassy; frl fulvous; an blackish-brown, 3 an with brownish bloom; plp brownish-rufous; plr silvery; msc faintly brassy in places, especially on humeri, nplr & praw; 5 subequal blackish thv, iv stopping on front  $\frac{1}{8}$  psc & mv confined to psc; sc testaceous, blackish on extreme base, thinly brassy-silvery, umpp pale brassy pol; ab blackish isgs mostly brassy-silvery except irregular hind margins, 4sg golden on irregular basal  $\frac{1}{2}$ ; l blackish, w nearly clear, sq whitish.

*Xanthoerigone* n. gen. (Genotype, *Xanthoerigone oralis* n. sp.)

Differs from *Parerigone* as follows: Fcp strongly receding; c arched on ml, wide, cl 1  $\frac{1}{2}$  x cw; ep full width, nasutely warped at 45 degrees to long axis of h, epl fully  $\frac{1}{3}$  epw; plp very slender, straight, not thk



at tip,  $\frac{3}{5}$  length of 3 an, with several very short & 1 very long brs at tip; ♂ 3 an  $2\frac{1}{2} \times 2$  an, wide, nearly eql; ar bare, longer than an, thk nearly to tip but tapered; e thickly long-pilose, faintly oblique, reaching far short of vl; ♂ vrw less than  $\frac{1}{5}$  hw, fr eql on hind  $\frac{1}{3}$  & then widening to  $\frac{1}{3}$  hw at ba; fc in middle  $\frac{3}{5}$  hw; 1 vrs ♂, dec; 2 rfro; frl strongly narrowed posteriorly, nearly eq pfrw; ch  $\frac{1}{2}$  el, ocar occupying all but narrow upper strip; 3 st, pi, ps, pra & pa; 3 ls, mls shorter; aps dec, nearly eq hls; 1 sep ds, eq mls; plr & vn with yellow-gray pile; msc & sc with black pile; cb ang ra, not  $\frac{1}{4}$  ww from hwm; M 1 gently & evenly arc in; short stp at cb in line of M 2; no mm on 1 sg, no md on 2 sg; 1 mm, 1 md & 2 lm on 3 sg; mr of 12, 1 md & 3 ld on 4 sg.

*Xanthoerigone oralis* (n. sp.) — Bl, 9 to  $9\frac{1}{2}$  mm; wl, 8 to  $8\frac{1}{2}$  mm 4 ♂, 3 Gunung Singgalang, 1800 m, 1925; & 1 Fort de Kock, 1925.

H straw-silvery, pfrel shading dark with light incidence; frl brown an blackish, plp pale to obscure fulvous; plr leaden-silvery, prsc lighter silvery, humeri & psc golden-silvery, sc pale testaceous & silvery; 4 equally heavy blackish thv, iv stopping on front  $\frac{1}{3}$  psc; ab light fulvous-yellow, mv & portion behind middle of 3 sg blackish, tergum & after  $\frac{1}{2}$  vn silvery pol in oblique view; 1 dark brown, tb fulvous-brown; w nearly clear, slightly yellowish on base & somewhat along wv; sq whitish-glassy, sql yellowish-glassy.

Type specimens of all the species described in this paper and in the preceding papers of this series are to be deposited in the Museum of „Natura Artis Magistra“ at Amsterdam.

#### Abbreviations of Muscoid Characters.

The following additions to the abbreviations given in Part II of this series (Suppl. Entom. XIV, p. 39—42) bring the list up to date:

|                                       |   |
|---------------------------------------|---|
| abw (width of abdomen)                | hytg (hypopygial tergite)                               |
| bsc (basal section of costa)          | ic (inner hind corner of squamae)                       |
| bsg (first actual abdominal segment)  | ifrel (infraclinate)                                    |
| epc (epicephalon)                     | ipr (inferior proximal process of remigium, "subcosta") |
| epp (epistomal profile)               | iv (inner pair of thoracic vittae)                      |
| ept (epaulet)                         | lbe (lower border of eye)                               |
| fed (facial depression)               | locc (lower occiput)                                    |
| frls (striae of frontalia)            | loo (lower occipital orbits)                            |
| fts (prothoracic spiracle)            | mms (median mesopleural bristles)                       |
| ga (greater ampulla of epipleura)     | mplr (mesopleura)                                       |
| hex (hind coxae)                      | ms (mesopleural bristles — vertical row on hind edge)   |
| hst (hind sternopleural bristle)      | mw (mouth width — of 5 R)                               |
| hts (mesothoracic spiracle)           |   |
| htsv (valve of mesothoracic spiracle) |   |

|  |   |
|--|---|
| np (notopleural bristles)                    | sqj (outer margin of junction of squama and squamula) |
| nplr (notopleura)                            | sqplr (squamopleura)                                  |
| ocb (occipital beard)                        | stplr (sternopleura)                                  |
| ocf (occipital fringe)                       | typ (tympanic pit)                                    |
| oo (occipital orbits)                        | tyr (tympanic ridge)                                  |
| ov (outer pair of thoracic vittae)           | umpp (upper section of median post-scutellar plate)   |
| paw (outer vertical wall of postalar callus) | ums (upper mesopleural bristles — on upper edge)      |
| plr (pleura)                                 | uocc (upper occiput)                                  |
| posc (postscutellum)                         | uoo (upper occipital orbits)                          |
| pplr (propleura)                             |   |
| praw (wall of prealar callus)                |   |
| prep (preepaulet)                            |   |
| pslr (peristomal row of bristles)            | (Capital letters)                                     |
| ptplr (pteropleura)                          | 3 M (discal cell)                                     |
| sa (smaller ampulla of pteropleura)          | R3 (third radial or second vein)                      |
| sept (subepaulet)                            | S1 (first subcostal or humeral cross-vein)            |
| sprel (supraclinate)                         | S2 (second subcostal or auxiliary vein)               |
| sqf (squamal fringe)                         |   |

## A d d e n d a.

*Dolichocolon orientale* (n. sp.) — Bl, 10 mm; wl, 7 mm. 1 ♂, Anai Kloof, 500 m, 1925.

Differs anatomically from *D. paradoxum* by a thinly short-hairy, ep well warped, ♂ 3 an 6 or 7 x 2 an, 2 ar  $\frac{1}{2}$  length of thk part of 3 ar, 4 frs below ba, 1 fr ♂, cb less than  $\frac{1}{3}$  ww from hwm. Blackish; h silvery-whitish, frl & an black, plp fulvous; th silvery, the usual 5 blackish thv equally heavy; sc pale testaceous with blackish base; ab reddish on sides of isgs, last 3 sgs silvery-whitish leaving blackish hind margins pollen changeable; l black; w clear; sq nearly white with yellowish margins.

The following determined specimens should be recorded to make the list of Mr. Jacobson's Sumatran muscoid material complete to date:

*Phumosia abdominalis* RD — 1 ♀, Fort de Kock, 1924.

*Calotheresia sumatrensis* TT — 1 ♂, Anai Kloof, 500 m, 1926.

*Orectocera beelzebub* W — 1 ♂, Lubuksikaping, 450 m, 1926.

*Exorista japonica* TT — 1 ♀ & 4 ♂, Gunung Singgalang, 1800 m, July 1925.

*Exorista larvarum* L — 1 ♂, Fort de Kock. 1925.

*Thrycolyga bombycis* Behr — 1 ♀, Fort de Kock, 1924.

## Synopsis Table of the New Sumatran Muscoid Genera.

The 59 new genera described in the 3 papers of this series may be separated by the following table:

|                                 |   |
|---------------------------------|---|
| 1. Umpp not developed . . . . . | 2 |
|---------------------------------|---|

|  |                        |
|--|------------------------|
| Umpp developed . . . . .   | 3                      |
| 2. Mw 5 R full width of cell; ep full width . . . . .                                    | <i>Cypselopteryx</i>   |
| Mw 5 R far narrower than greatest width of cell; ep strongly narrowed. . . . .           | <i>Tephramobia</i>     |
| 3. Ep no wider than 2 an . . . . .   | <i>Eodexiosoma</i>     |
| Ep far wider than 2 an . . . . .   | 4                      |
| 4. Ar pl, length of hairs at least over 3 x greatest diameter of ar . . . . .            | 5                      |
| Ar at most pb, length of hairs scarcely over 2 x greatest diameter of ar . . . . .       | 15                     |
| 5. 3 st . . . . .  | 6                      |
| 2 st & 3 ps . . . . .  | 8                      |
| 6. 1 or more mm on 1 sg; no fcc; ♂ 4 sg caudate . . . . .                                | <i>Uromedina</i>       |
| No mm on 1 sg; fcc present; ♂ 4 sg not caudate . . . . .                                 | 7                      |
| 7. 5 R closed; R 1 terminating extra far beyond R 6; no rfro ♀ . . . . .                 | <i>Malayodimera</i>    |
| 5 R narrowly open; R 1 terminating a little beyond R 6; 1 rfro ♀ . . . . .               | <i>Tylodexia</i>       |
| 8. Fel short-cil at least nearly $\frac{1}{2}$ w . . . . .                               | 9                      |
| Fel not cil, brs not extending over $\frac{1}{4}$ w . . . . .                            | 10                     |
| 9. 1 mm on 1 sg & md on isgs . . . . .   | <i>Prosophia</i>       |
| No mm on 1 sg & no md on isgs . . . . .  | <i>Sumatrodexia</i>    |
| 10. Ch about $\frac{1}{15}$ el; ♀ ft compressed & cls minute . . . . .                   | <i>Promintho</i>       |
| Ch at least fully $\frac{2}{5}$ el . . . . .   | 11                     |
| Ch little more or less than $\frac{1}{6}$ el . . . . .                                   | 13                     |
| 11. Fcc at base not wider than fel . . . . .   | <i>Eomyocropsis</i>    |
| Fcc at base very distinctly wider than fel . . . . .                                     | 12                     |
| 12. Ab ovo-subcylindric, ♂ ab $1\frac{1}{2}$ x th, ♀ distinctly longer than th . . . . . | <i>Phasioidexia</i>    |
| Ab ovoconic, not longer than th . . . . .  | <i>Calotheresia</i>    |
| 13. No md on isgs; felw nearly $\frac{1}{2}$ cw . . . . .                                | <i>Xanthopteromyia</i> |
| Md on isgs; fel narrow . . . . .   | 14                     |
| 14. 2 ls; aps long hairlike & strongly dec; cs short . . . . .                           | <i>Stenodexiopsis</i>  |
| 3 ls; aps very fine & not dec; cs long & strong . . . . .                                | <i>Eophyllophila</i>   |
| 15. Epl at least $\frac{1}{5}$ epw . . . . .   | 16                     |
| Epl not over $\frac{1}{6}$ epw . . . . .   | 33                     |
| 16. Md at least on 3 sg . . . . .  | 17                     |
| No md on isgs . . . . .  | 19                     |
| 17. 1 st; several mm spines on 1 sg . . . . .  | <i>Eristaliomyia</i>   |
| At least 2 & usually 3 st; no mm on 1 sg . . . . .                                       | 18                     |
| 18. Ar long-pb to tip . . . . .  | <i>Dexiomimops</i>     |
| Ar bare . . . . .  | <i>Xanthoerigone</i>   |
| 19. Fel strongly cil at least $\frac{2}{3}$ w . . . . .                                  | 20                     |

|  |                         |
|--|-------------------------|
| Fcl at most with brs $\frac{1}{3}$ w . . . . .   | 21                      |
| 20. E densely pilose; ocs long & strong . . . . .  | <i>Macrozenillia</i>    |
| E practically bare; ocs very weak . . . . .  | <i>Phryxosturmia</i>    |
| 21. 2 st . . . . .   | 22                      |
| At least 3 st . . . . .  | 26                      |
| 22. E pilose . . . . .   | <i>Oxyrutilia</i>       |
| E bare . . . . .   | 23                      |
| 23. 3 ps & no pra; no pfro ♀ . . . . .   | <i>Malayocyptera</i>    |
| 4 ps, pra present; ♀ with pfro . . . . .   | 24                      |
| 24. No mm on 1 sg . . . . .  | <i>Sumatrosturmia</i>   |
| Mm on 1 sg . . . . .   | 25                      |
| 25. Sc with straight spines on after $\frac{1}{2}$ ; lsc C1 short; erect short yellow pile on b. . . . . | <i>Servilliodes</i>     |
| Sc with only curved brs; lsc C1 over $\frac{1}{3}$ preceding; no such pile . . . . .                     | <i>Kurintjimyia</i>     |
| 26. No mm on 1 st 2 sgs . . . . .  | <i>Eoparachaeta</i>     |
| Mm at least on 2 sg . . . . .  | 27                      |
| 27. 3 st . . . . .   | 28                      |
| 4 st . . . . .   | 31                      |
| 28. Both barjs elongate . . . . .  | <i>Acuphocera</i>       |
| 1 ar not elongate . . . . .  | 29                      |
| 29. Ch $\frac{3}{4}$ el; mach ab spinelike . . . . .   | <i>Sumatrotachina</i>   |
| Ch not over $\frac{1}{4}$ el; mach ab not spinelike . . . . .  | 30                      |
| 30. 3 ps . . . . .   | <i>Thelairoleskia</i>   |
| 4 ps . . . . .   | <i>Biomysopsis</i>      |
| 31. Ocs rel . . . . .  | <i>Gaediogonia</i>      |
| Ocs prcl, at times weak . . . . .  | 32                      |
| 32. Pfc1 eql; frp less than fcp . . . . .  | <i>Prosturmia</i>       |
| Pfc1 narrowed below; frp eq fcp . . . . .  | <i>Sumatrodoria</i>     |
| 33. E distinctly pilose . . . . .  | 34                      |
| E at most with very short scattered hairs . . . . .  | 44                      |
| 34. Fcl cil at least $\frac{1}{2}$ w . . . . .   | 35                      |
| Fcl with brs not over $\frac{1}{4}$ w . . . . .  | 37                      |
| 35. 5 R long-pet . . . . .   | <i>Phrynactia</i>       |
| 5 R open . . . . .   | 36                      |
| 36. 3 ps; md on isgs . . . . .   | <i>Prosopofrontina</i>  |
| 4 ps; no md on isgs . . . . .  | <i>Frontiniellopsis</i> |
| 37. No mm on 1 sg . . . . .  | <i>Carceliopsis</i>     |
| Distinct mm pr on 1 sg . . . . .   | 38                      |
| 38. 4 ls besides the dec aps . . . . .   | <i>Leiosiopsis</i>      |
| 3 ls besides the dec aps . . . . .   | 39                      |
| 39. At least 3 st . . . . .  | 40                      |

|   |                         |
|---|-------------------------|
| 2 st . . . . .  | 41                      |
| 40. Md on isgs . . . . .  | <i>Calozenillia</i>     |
| No md on isgs . . . . .   | <i>Isosturmia</i>       |
| 41. Ch about $\frac{1}{10}$ el; R 1 terminating a little beyond R 6 . . . . .   | <i>Catacarcelia</i>     |
| Ch at least $\frac{1}{6}$ el; R 1 terminating well to far beyond R 6 . . . . .  | 42                      |
| 42. No ocs; frp arc, longer than fcp; R 1 terminating far beyond R 6 . . . . .  | <i>Zygocarcelia</i>     |
| Ocs present; frp eq fcp, flat; R 1 terminating moderately beyond R 6 . . . . .  | 43                      |
| 43. C well depressed; prsc nearly eq psc; ocs weak . . . . .                    | <i>Phorocerosoma</i>    |
| C almost flush; prsc much shorter than psc; ocs long & strong . . . . .         | <i>Senexorista</i>      |
| 44. 4 ps . . . . .  | 45                      |
| Not over 3 ps . . . . .   | 48                      |
| 45. 4 st . . . . .  | <i>Epixorista</i>       |
| Not over 3 st . . . . .   | 46                      |
| 46. R 5 brst far beyond R 6 . . . . .   | <i>Eogymnophthalma</i>  |
| R 5 bb . . . . .  | 47                      |
| 47. No mm on 1 sg or vestigial & no easily differentiated; 5 R closed . . . . . | <i>Malayodoria</i>      |
| Long mm on 1 sg; 5 R open . . . . .   | <i>Phoriniophylax</i>   |
| 48. 5 R pet . . . . .   | 49                      |
| 5 R open . . . . .  | 50                      |
| 49. No st; M 3 nearer cb; prsc eq psc; no md on isgs . . . . .                  | <i>Lophosiocyptera</i>  |
| 2 st; M 3 in middle; prsc much shorter than psc; md on isgs . . . . .           | <i>Malayomedina</i>     |
| 50. Ch quite lacking, e reaching psl; R 1, R 5 & C 1 brst . . . . .             | <i>Anaperistommyia</i>  |
| Ch at least $\frac{1}{8}$ el; C 1 bare . . . . .                                | 51                      |
| 51. Lsc C 1 long; 2 ar elongate . . . . .                                       | <i>Aphantoraphopsis</i> |
| Lsc C 1 very short; 2 ar short . . . . .  | 52                      |
| 52. R 1 brst on stigmal section . . . . .                                       | <i>Myobiomima</i>       |
| R 1 bare . . . . .  | 53                      |
| 53. 3 st . . . . .  | 54                      |
| 2 st . . . . .  | 55                      |
| 54. 2 ls; no aps . . . . .  | <i>Brachymeropsis</i>   |
| 3 ls; dec aps . . . . .   | <i>Aphrimyobia</i>      |
| 55. Ch $\frac{1}{8}$ el; frs stopping ba . . . . .                              | <i>Minthocyptera</i>    |
| Ch about $\frac{1}{4}$ el; frs 1 to 3 below ba . . . . .                        | 56                      |
| 56. R 1 terminating opposite R 6; no md on isgs . . . . .                       | <i>Dolichocoxys</i>     |
| R 1 terminating at least considerably beyond R 6; md on isgs . . . . .          | 57                      |
| 57. Fcl cil $\frac{1}{3}$ w; plp straight, slender . . . . .                    | <i>Medinodexia</i>      |
| Fcl with brs extending not over $\frac{1}{6}$ w; plp bowed, stout . . . . .     | <i>Euthelairosona</i>   |