

Fauna sumatrensis.

(Beitrag No. 25).

Diptera Muscoidea II.

By Charles H. T. Townsend, Ph. D., Lima (Peru).

The following forms were all collected by Mr. Edward Jacobson; the types etc. are in the collection of the author, in that of Mr. Jacobson and in the Leyden Museum.

Craticulina malayana (n. sp.): Bl, 8 to $8\frac{1}{2}$ mm; wl, 5 to $5\frac{1}{2}$ mm. 3 ♀, Pasir Ganting, Oct., 1915.

H silvery-white, pfrl faintly golden posteriorly; ep, pts & frl amber; plp & banjs reddish-yellow, 3 an brownish; ar paler on basal half, only a little shorter than 3 an, 2 ar about $\frac{1}{6}$ length of 3 ar; upper occ & whole dorsum of th & ab faintly brassy over the grayish pollen; 5 thv rather indistinct; tip sc pale; ab with 3 brown spots on hind margin of each sg, the outer ones sometimes obsolete on 1 sg; 1 blackish, f & tb partly reddish & silvery-white pol; w glassy; sq pearly-whitish, with yellowish rims.

Tephramobia n. gen. Genotype, *Tephramobia trivina* (n. sp.).

H somewhat wider than high; frp flat, sloping. fully $1\frac{1}{2}$ x fep, latter slightly concave; orp rather long, arc; ocp slightly bulged below; c very shallow, cl 2 x cw; fec vestigial, showing narrow sharp crest on ml above; ep strongly narrowed, faintly receding, extended little below vl, scarcely longer than wide; fcl bare, flattened-oblique, wide, ironed into c; v dec, above om; vx a little less than anx, latter $\frac{3}{4}$ hh; ba on em; 2 an somewhat elongate; 3 an ♀ little over 2 x 2 an; ar micro-pb whole length, thk $\frac{1}{3}$ w, bjs short; p short & stout, lb large; plp rather long, clavate, brst; e practically bare, slightly oblique, not quite reaching vl; vrw ♀ rather over $\frac{1}{3}$ hw, fr slightly widening anteriorly on posterior $\frac{2}{3}$ & strongly on anterior $\frac{1}{3}$; fc nearly $\frac{2}{3}$ hw in middle; frs stopping ba; vrs ♀ 2, ivrs convergent; pfro ♀ 3, rfro 1; frl wide, eql, frlw equal to pfrw; oct triangular, front angle not sharp; ocs 1 pre-div; pfrl narrowed somewhat posteriorly, with micro-hairs; pfcl nearly eql, wider than c, with fco row of short brs running obliquely down inside & 2 shorter rows of hairs outside; pts not reaching vl; ch $\frac{1}{2}$ el, extensively invaded by ocar; chg large subquadrate, with arm running under e & another extending up inside pfcl; no gno; th narrower than h & ab; prse very much shorter than psc; 5 thv, black; st 3, pi 2, ps 3, pra 0, pa 2, ls 3 strong, aps 0, ds 2 in transverse line; w rather long, not very wide; cs very short; R1 bare, terminating but little beyond R6, latter oblique; R5 brst not quite $\frac{1}{2}$ w to R6; 5 R narrowly open well before wt; cb ra or faintly acute, angular, $\frac{2}{5}$ ww from hwm; M1 well arc in at origin & then straight, strong stp & wr at cb; M3 rather steep, faintly sin,

its length from cb; C1 bare, lsc less than $\frac{1}{2}$ preceding; sq very wide behind, triangular, rather wider than long; l not long; ltb short-pe, with a slightly longer br; mmtt equal fjs, fmmtt nearly equal fjs; ft ♀ not widened; ab short-ovate; no mm on 1 st 2 sgs, mr of 10 or 12 on 3 sg, mr of 8 or 10 on 4 sg; hy ♀ regular, caudal, without awllike tip.

Tephromobia trixina (n. sp.): Bl, 10 $\frac{1}{2}$ mm; wl, 9 mm. 1 ♀, Fort de Koek, 1925.

H dull silvery, pfrl & pfel brassy; frl, an & plp blackish; th & sc silvery; 5 black thv, median one extending on sc & narrowing anteriorly, inner pr narrow & not reaching back of anterior $\frac{1}{3}$ of psc; ab black, 4 silvery triangles on 2 sg; 3 sg golden except 3 irregular black vittae, the outer ones nearly broken across middle; 4 sg wholly golden save small black fleck on ml; l black; w clear; sq nearly white.

Eodexiosoma n. gen. (Genotype, *Eodexiosoma sumatrense* n. sp.).

Differs from *Dexiosoma* as follows: C rather deep, cl not 2 x cw; ep nearly as long as c, rather narrower than length of 2 an, little narrowed below; ocs small but distinct, div; occs exactly div; pvr dec; ch nearly $\frac{2}{3}$ el; st 3, the front one weaker, the middle scarcely lower; pra 1, usually well developed but at times lacking ♀; pa 1; 5R very narrowly open just before exact wt to closed & neck-pet, cell much narrowed at tip; cb slightly aa, $\frac{1}{4}$ ww from hwm; ab ♀ narrow long-ovate & little longer than th, ♂ more elongate & narrowed & well over length of th; hy ♂ caudoventral, 1 hysg large; hy ♀ anal, telescoped, ending in lips.

Eodexiosoma sumatrense (n. sp.): Bl, 8 $\frac{1}{2}$ to 12 mm; wl, 8 to 11 mm. 1 ♂ & 5 ♀, Gunung Singgalang, 1,800 meters, Juli, 1925.

Blackish; golden pol, with cupreous tinges on dorsum th; frl brown; whole an & plp fulvous; 4 black thv, inner narrower & giving out in middle of psc; dorsum th ♂ showing silvery pollen largely interspersed with the golden, ♀ without silvery; sc concolorous with th, in ♂ silvery edged with golden; ab black, last 3 sgs broadly silvery on base, rather golden above in ♀; isgs ♂ with cupreous pol triangle on posterior half; l fulvous-yellow, t dusky; w yellow on costa & base, smoky-yellowish on veins; sq yellowish.

Anaperistommyia n. gen. (Genotype, *Anaperistommyia optica* n. sp.).

Differs from *Halidaya* as follows: Hp flattened-subsemicircular; frp nearly 3 x fcp, latter very short; cl scarcely over $1\frac{1}{2}$ x cw; ep cut off short, not warped; v on om, dec, & 1 pr not dec in middle of psl; plp not very long; ba fully on lower $\frac{1}{3}$ e; 3 an ♂ hardly 2 x 2 an; e extending far below vl, not narrowed below nor excavated on posterior border; vrw ♂ $\frac{1}{4}$ hw, fr widening slightly to ba; fc above as wide as fr at ba, narrowing below to little over vrw, at vl $\frac{1}{4}$ hw; frs stopping

ba, 1 weak convergent pr not dec at ln, & 3 strong dec behind same; frl ♂ very narrow but not nearly linelike, eql, hardly over $\frac{1}{4}$ pfrw; pts not apparent; ch absolutely lacking, e reaching psl, chg nonexistent; th nearly as wide as h, slightly wider than ab; prsc much shorter than psc; st 1 strong, & at times a weak 2d in front; R 1 brst to tip, terminating far beyond R 6; R 5 brst to R 6 & some scattered brs beyond to opposite M 3; 5 R open little but very distinctly before wt; cb over $\frac{1}{4}$ ww from hwm; C 1 brst $\frac{1}{6}$ w to M 3; sq quite large & produced downward on sides of th; sql very small; all mtt about equal fjs; ab showing only 4 sgs; 3 sg with mr of 14 forming complete circle above & below; 4 sg with mr & dr; hy ♂ caudoventral, not very large, retracted.

Anaperistomyia optica (n. sp.): Bl, $7\frac{1}{2}$ mm; wl, 6 mm. 1 ♂, Fort de Kock.

This is the species quite fully described by Bezzi in Bull. Ent. Res. XVI, pt. 2, pp. 121—122, under name of *Halidayia luteicornis* Wk. Bezzi's specimens were from the Straits Settlements, & he had seen other specimens from China. Walker's species from Gilolo is probably distinct, & may even not belong in this genus. *Halidayia argentea* Egg. probably belongs here.

Cypselopteryx n. gen. (Genotype, *Cypselopteryx mima* n. sp.).

H scarcely wider than high; frp arc, strongly sloped, rather longer than fcp, latter slightly receding; orp rounded up anteriorly; ocp evenly arc, convex; c faintly depressed, little longer than wide; no fcc; ep full width, cut off short at v, not warped; fel bare, rather narrow & flattened-cordlike, a few short brs next v, latter strong & dec; vx equal to anx, latter rather over $\frac{2}{3}$ hh; p short & stout, hs $\frac{1}{2}$ hh, haustellar theca evidently articulating with fulcrum, l b well developed; plp length of hs, subcylindric, rather stout, brst; ba on em; 2 an not long; 3 an ♀ wide, hardly 2×2 an; ar thinly pl to tip; e bare, subelliptic, not reaching oml; vr ♀ well over $\frac{1}{3}$ hw, fr slightly widening anteriorly; fc only slightly wider than fr; frs stopping ba, 6 or 7, of which 4 or 5 are very strong & close to frl; ovs absent; no pfro ♀; 1 small rfro; frl very broad, lateral sutures distinct, median suture lost, over $2 \times$ pfrw, faintly widened posteriorly; oct small, round, oc distinct; ocs absent; pfrl narrowing posteriorly; pfel fully $\frac{1}{2}$ cw, a little narrowed below, bare; no fco; pts about reaching vl; ch $\frac{2}{5}$ el; chg large; gno 3 next below chg; prsc a little shorter than psc; sc subtriangular; ts distinct but not impressed in middle; postalar callus distinct; postscutellum large but without suture; st 3, pi 2 but front one small, ps 3, no pra nor pa, no pst, 1 ph, 2 pp but front one shorter, 1 msp, 1 prsa, 2 psa but hind one small, no pri, 2 pal, 3 short hpl almost in row, no ptl, 2 ls but basal one small, aps long & dec, 1 small ds; w moderately long

& narrow, cs long & strong; R 1 bare, terminating before R 6; R 5 brst not at all, ending in wt; 5 R full width in wm; cb oa in wm; R 6 bearing vein fragment externally in both w; M 1 wholly in wm; M 2 straight to wm; M 3 nearly straight, $\frac{1}{2}$ as far from R 6 as from cb; C 1 bare, lsc short; sq of good size, small-ovate Moriniine type, much longer than sql, latter little over $\frac{1}{2}$ sq; 1 long, t very elongate; ltb not pc, mtt not equal to fjs; ft ♀ not widened; cls ♀ moderately long but less than ltj; ab long, narrow & subcylindric, 5 visible sgs from above, true 1 sg $\frac{1}{2}$ length of true 2 sg but completely fused with it, mach long & strong; 1 sg with 1 mm, 2 lm, 4 or 5 ld in row with hairs at each end in continuation of row; 2 sg with mr of 8 strong but interrupted, 1 weak md, 2 ld; 3 sg with mr of 8 strong & dr of 6 or 8 weak; 4 sg with mr of 12 rather strong & dr of 6 or 8 weaker; hy ♀ telescopic, caudal.

Cypselopteryx mima (n. sp.): Bl, $6\frac{1}{2}$ mm; wl, $5\frac{1}{2}$ mm. 1 ♀, Kurintji Peak, August 1915.

This species is same form & color as *Ochroameigenia ormioides* TT, only the ab is narrower. Wholly brownish-yellow, pfcf & pfcl silvery, last 3 sgs shading dusky above, t brown to blackish-brown, w broadly yellow on costa, sq yellowish-infusate.

Though this form has a facies rather foreign to the Muscoidea, it is provisionally included here on its total characters.

Urodexia panicillum OS. — Bl, nearly 7 mm; wl, $5\frac{1}{2}$ mm. 1 ♀, Buo, Pad. Bev., February 1914.

Differs from *U. siamensis* TT by fcl obliterated on over posterior $\frac{1}{2}$, pfcl contiguous on over posterior $\frac{2}{3}$; 3 an hardly over 3×2 an; costa without any yellow tinge, entirely clear. In *siamensis* the fcl are distinct throughout in both sexes & 3 an is longer, also the costa is entirely yellow in both sexes.

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

Very long & narrow; h scarcely wider than high; frp somewhat arc, much sloped, a little less than $2 \times$ fep, latter somewhat receding; orp straight below, well bevelled up anteriorly; ocp somewhat bulged below; c very shallow, nearly flush, cl $1\frac{1}{2} \times$ cw; no fec; ep cut short, wide, faintly warped; fcl bare, flattened-convex, slightly oblique; v dec, on om; vx a little less than aux, latter over $\frac{1}{2}$ hh; p stout, hs scarcely $\frac{1}{2}$ hh, lb large; plp stout-cylindric, as long as hs, not thk at tip; ba a little below em; 2 an not long; 3 an ♂ hardly $3\frac{1}{2} \times 2$ an, narrow; ar moderately long-pl to tip; e practically bare, oblique, pushed forward below & shaved behind on lower extent, reaching to vl; vr ♂ $\frac{1}{13}$ hw, fr eql on posterior $\frac{1}{2}$ & then widening; fc widening at same angle, $\frac{1}{2}$ hw below; frs stopping ba, 10 or 12, long & slender; vrs 1 ♂; no pfro ♂;

about 3 weak rfro; frl much narrowed posteriorly ♂, over 2 x pfrw; ocs long, precl; pfrl very narrow, obliquely on edge, bare, narrowed posteriorly; pfcf bare, narrowed below, equal fcl reversed; no fco; pts nearly reaching vl; ch $\frac{1}{6}$ el, chg curved-tacklike, no gno; th not as wide as h, much wider than ab; prsc much shorter than psc; st 2 strong, pi 3 weak, ps 3, pra 1, pa only long hairs, ls 2, aps long hairlike & strongly dec, ds many long hairs; w long & narrow; cs distinct but short; R 1 bare, terminating somewhat beyond R 6; R 5 brst $\frac{1}{4}$ w to R 6; 5 R narrowly open a little before wt; cb nearly ra, subangular, not $\frac{1}{6}$ ww from hwm; M 1 slightly arc in, cb with micro-stp or none; M 3 strongly & regularly sin, its length from cb; C 1 bare, lsc very short; sq ovate-round behind; l long, t long, mf & lf long; htb with an irregular whorl of brs; mmtt & hmtt equal to fjs; cls ♂ very long, straight & pb; ab slender-cylindric ♂, nearly 2 x length of th; 1 mm on 1 sg, 1 mm & 1 md on 2 sg, mr & 1 md on 3 sg, mr & 1 md on 4 sg; hy ♂ caudoventral, moderate size.

Stenodexiopsis sumatrensis (n. sp.): Bl, 10 mm; wl, 9 mm. 1 ♂, Gunung Singgalang, 1,800 meters, 1925.

Black, h silvery bluish-white; frl, an & plp black; pleura & th, sc included, thinly silvery; thv almost obsolete, 4 faintly showing before ts, inner pr narrow, & 3 behind ts, middle one wide; ab black, broad bases isgs & nearly all 4 sg thinly silvery; l black; w quite infuscate, yellow costobas-ally; sq smoky-yellow.

Uromedina n. gen. (Genotype, *Uromedina caudata* n. sp.)

Very narrow & slender; h rather flattened longitudinally, little wider than high; frp arc, $1\frac{1}{2}$ x fcp, latter somewhat receding; orp short, very gently & evenly arc; ocp bulged below; c flush, cl $1\frac{1}{2}$ x cw; no fcc; ep ehort, full width, not warped; fcl straight, bare, flattened, a little wider below than pfcf; v dec, on om; vx nearly $\frac{5}{6}$ aux, latter $\frac{1}{2}$ hh; p very short, lb very large; plp slender-cylindric, subfiliform; ba slightly below em; 2 an short; 3 an ♂ rather over 3 x 2 an, narrow; ar short-pl, hairs not appressed & rather thickly set; e bare, oblique, pushed forward below, reaching vl; vr ♂ scarcely $\frac{1}{6}$ hw, fr widening on anterior $\frac{1}{8}$; fc widening at same angle, in middle scarcely $\frac{2}{5}$ hw; frs stopping ba, 1 in advance of exact center ba, all erect; vrs 2 weak ♂; no pfro nor rfro ♂; frl narrow, eql, a little over pfrw; oct very small, narrow-triangular; ocs weak & fine, precl; pfrl narrow, bare, gradually narrowed posteriorly; pfcf narrow, eql, bare, hardly as wide as lower end fcl; no fco; ch hardly over $\frac{1}{8}$ el; chg very small, tacklike; no gno; th width of h, much wider than base ab; prsc a little shorter than psc; st 3, the lower shorter; pi 2, ps 3, pra 2 quite strong but not very long, no pa, front psa very long, ls 2, no aps nor ds; w long & narrow ♂; cs very short; R 1 bare, terminating far beyond R 6; R 5 with only 1 very short

& fine br at base; 5R open practically in wt, narrowed at tip; cb very oa, rounded, hardly over $\frac{1}{6}$ ww from hwm; M1 are in before tip; no wr at cb; M3 near middle, long & sin; C1 bare, lsc very short; sq moderate size, well rounded behind; l long, t elongate; htb not pc; mtt not equal to fjs; cls ♂ long; ab subcylindric ♂, 1st 3 sgs equal length, 4 sg with long cylindric tail; 1 sg with 1 mm or mr, about 4 weaker brs each side the central pr; 2 sg with 1 mm or mr, about 3 weaker each side; mr of 12 on 3 sg, 4 sg brst in closely-set whorls; hy ♂ moderately large, retracted in oblique-profile slit in base 4 sg.

Uromedina caudata (n. sp.): Bl, $6\frac{1}{2}$ mm; wl, $6\frac{1}{2}$ mm. 1 ♂, Fort de Kock, 1925.

Blackish; pfri, pfel, ch & orbits silvery-white; c & fel rather more thinly silvery; fri black; an blackish, thinly silvery, base 3 an faintly yellowish; plp pale yellowish; pleura & prsc silvery-white; 4 black thv before ts, inner pr narrower; psc showing silvery only from behind, eaving 3 short black thv, middle one very broad; sc black, without pollen; ab black, bases of last 3 sgs rather narrowly silvery-white pol, posterior limits of the pollen well defined; l blackish; w & sq lightly smoky.

Eophyllophila n. gen. (Genotype, *Eophyllophila elegans* n. sp.).

Very narrow & elongate; h only a little wider than high; frp faintly arc, strongly sloped, longer than fcp, latter slightly receding; orp nearly straight & nearly equal to fcp; ocp somewhat bulged below; c distinctly but lightly depressed, subtriangular, hardly $1\frac{1}{4}x$ as long as lower width; no fcc; ep cut off to a mere rim, latter not warped, full width; fel bare, flattened-cordlike, diverging downward; v strong, dec, on lateral oml but below moml; vx less than anx, latter fully $\frac{1}{2}$ hh; p $\frac{1}{2}$ hh, lb large; plp length of 3 an, slender ♂; ba on em; 2 an short; 3 an ♂ hardly $3x$ 2 an, narrow; ar rather thickly thort-pl to tip; e almost imperceptibly haired, not reaching vl, strongly shaved off behind on lower $\frac{1}{2}$; vr ♂ hardly $\frac{1}{7}$ hw, fr eql on posterior $\frac{1}{2}$ & then widening rapidly to nearly $3x$ vrw at ba; fc in middle $\frac{1}{2}$ hw; frs thin, long, erect, thickly set, 2 below ba, 12 or 14 in all; yrs ♂ 2 hairlike, ivrs convergent to subdec; no pfro nor rfro ♂; fri ♂ narrowed posteriorly, over $3x$ pfrw, taking up most of posterior $\frac{1}{2}$ of fr; oct small & ill defined; ocs prel; pfri nearly pinched out on hind $\frac{1}{2}$; pfel bare, narrow & greatly narrowed below, peglike, not as wide as fel reversed; no fco; pts scarcely reaching vl; ch nearly $\frac{1}{2}$ el; chg curved tacklike, head small; no gno; th not quite as wide as h; prsc shorter than psc; st 2, ph 1, pi 3, ps 3, pra 2 weak, pa 1 or 2 weak, ls 3 long but basal somewhat shorter, aps very fine hairlike & parallel, ds 1 hairlike; w long & moderately wide; cs long & strong; R1 bare; R5 with none

or 1 almost imperceptible hair at base; 5R open in exact wt; cb a gently curved oa, little over $\frac{1}{5}$ ww from hwm; M 1 bent in before tip; no wr at cb; M 3 straight, over its length from cb; C 1 bare, strong to wm, lsc very short; sq subround, well widened behind; sql hardly $\frac{1}{4}$ sq; l long & slender, t little over tb; htb with some long brs; mmtt & hmtt nearly equal fjs; cls ♂ very long; ab ♂ long & slender-conic, 2x length of th, all 4 sgs equal length; 1 sg with 1 mm, 2 sg & 3 sg with mr & 1 md, 4 sg with mr & dr; all sgs with long sparse hairs above & below shorter than the mach; hy ♂ small & concealed, 4 sg obliquely shaved off below to tip in profile.

Eophyllophila elegans (n. sp.): Bl, $7\frac{1}{2}$ to 8 mm; wl, 6 to $6\frac{1}{2}$ mm. 4 ♂, Sungai Kumbang, Sept. 1915.

H black; lower $\frac{2}{3}$ of occipital orbits, fc & anterior part of pfrl silvery-white; frl, an & plp black; occ, th & ab deep black; pleura & sc silvery leaving 3 heavy black thv, the median one widest; bases of last 3 sgs silvery; l black; w & sq well infuscate.

Medina fumipennis (n. sp.): Bl, $7\frac{1}{2}$ mm; wl, $6\frac{1}{2}$ mm. 1 ♂, Air Njuruk Dempu, 1400 meters, Aug. 1916.

Blackish; plp faintly tawny; pleura, occ, fc, sides & hind border of prsc silvery; 5 closely approximated & subconfluent black thv on prsc; 1st 3 sgs reddish on sides, last 3 sgs silvery on base but interrupted on ml; l black; w deeply smoky; sq yellowish-smoky.

Mollia malayana (n. sp.): Bl, $5\frac{1}{2}$ mm; wl, 5 mm. 1 ♂, Gunung Singgalang, 1800 meters, July 1925.

Black; fc & pfrl thinly silvery to ashy; frl & an black; plp faintly tinged with reddish; pleura & prsc thinly silvery, 4 indistinct black thv before ts; pollen on ml of prsc tawny; psc & sc shining black; ab subshining blackish, sides of isgs at base faintly reddish; last 3 sgs silvery on base, narrowly so above but widening on sides & vn; l blackish; w very faintly suffused with yellowish-smoky; sq smoky-yellowish.

This form is closely related to *Arrhinomyia*, and is here tentatively referred to *Mollia* RD.

Malayomedina n. gen. (Genotype, *Malayomedina petiolata* n. sp.).

Differs from Bezzi's description of *Phytorophaga* as follows: Orp gently arc; c gently depressed; ar thk $\frac{1}{3}$ w, gen, 2 ar longer than wide; fr prominent; frs 2 in advance ba, not reaching base ar; R 6 not on middle of discal cell; M 3 in middle, bisinuate; sq irregularly subovate, rounded on outer side; hy ♂ rather large & exerted, stn X short & stout-hooklike.

Malayomedina petiolata (n. sp.): Bl, $5\frac{3}{4}$ mm; wl, $4\frac{3}{4}$ mm. 1 ♂, Fort de Kock, Dec. 1920.

H silvery; frl & an black; plp reddish-yellow; th & sc black, pleura

silvery; prsc with silvery border on sides & behind, the thv subconfluent; psc faintly silvery on hind edge but not on sides; ab black, 1 sg except hind edge, front $\frac{1}{2}$ of 2 sg & front $\frac{1}{3}$ of 3 sg brick-red, bases of last 3 sgs thinly silvery over the ground color; l black; w & sq faintly smoky-yellow.

Dexiomimops n. gen. (Genotype, *Dexiomimops longipes* n. sp.).

Elongate & narrow; h no wider than high; frp nearly flat, strongly sloping, $1\frac{1}{2}$ x fcp, latter nearly vertical & projected below; orp long, straight, gently bevelled up anteriorly; ocp somewhat bulged below; c flush, narrow, cl hardly over $1\frac{1}{2}$ x cw; no fcc; ep full width, $\frac{1}{2}$ as long as wide, strongly warped forward; fel bare, flattened to epl; v long, above om, tips nearly meeting; vx slightly over anx, latter nearly $\frac{2}{3}$ hh; hs $\frac{2}{3}$ hh & brst, lb good size; plp slender-cylindric, $\frac{1}{2}$ hh, not thk at tip ♂; ba distinctly above em; 2 an short; 3 an ♂ hardly over $2\frac{1}{2}$ x 2 an, narrow; ar long-pb to tip, thk only at base; e pilose, oblique, faintly shayed behind on lower part, reaching vl; vr ♂ $\frac{1}{11}$ hw, fr faintly narrowed in middle, fc $\frac{1}{2}$ hw below; frs 12 closely set, 1 in advance of ba; vrs ♂ 2 long hairlike; occipital fringe very long; no ppro nor rpro ♂; frl narrowed posteriorly ♂, equal anteriorly to pfrw; oct narrow; ocs long, slender, precl; pfrl narrowed to line on posterior $\frac{1}{2}$; pfel bare, a little wider than fel, a little narrowed below, very oblique to epl; no fco; pts reaching vl; ch nearly $\frac{1}{4}$ el; chg tacklike; gno 2 very small & short; th as wide as h, wider than base ab; prsc a little shorter than psc; st 3 but lower one weak, pi 2 weak, ps 3, pra 2, pa 0; ls 2, hind pr convergent & not very long; no aps nor ds; w long & narrow; no cs; R1 bare, terminating a little beyond R6; R5 bb; 5R open just before wt; cb very oa, rounded, close to hwm; M1 bent in gently before tip; no wr at cb; M3 sin, its length from cb; C1 bare, lsc very short; sq well rounded behind & a little widened; l very long, ht more than 2 x htb; hf with 3 very long brs on inside behind middle; htb ♂ thk below middle, not pc, with 1 whorl of brs; mtt very long but not equal to fjs; all t much elongated, especially ht; ♂ cls long; ab over $1\frac{1}{2}$ x th ♂, much narrowed on hind $\frac{1}{2}$ but tapered; no mm on 1 sg, 1 mm & 1 md on 2 sg, mr of 4 to 6 & 1 md on 3 sg, mr of 8 & 1 md on 4 sg; the mach erect, long, thin or hairlike, stronger in mr of 3 sg & 4 sg, accompanied by long hairs; hy ♂ rather large, in oblique-profile slit of 4 sg.

Dexiomimops longipes (n. sp.): Bl, 7 mm; wl, $6\frac{1}{2}$ mm. 1 ♂, Fort de Kock, 1925.

H silvery; frl, an & plp black; th black, pleura & msc thinly silvery; 4 black thv, inner pr narrower & symmetric but subconfluent behind ts, where they terminate; sc black; ab yellow, mv both ventral

& dorsal, all of 4 sg, dorsal base of 1 sg, & dorsal hind borders of 2 sg & 3 sg black, 4 sg thinly silvery; l wholly black; w faintly yellowish costobasally; sq yellow, nearly same shade as yellow of ab.

Myobiomima n. gen. (Genotype, *Myobiomima longimana* n. sp.).

Very narrow & elongate; h little wider than high; frp strongly to feebly arc, $1\frac{1}{2}$ x fcp, latter slightly concave; orp straight & bevelled up anteriorly; ocp produced conically below in peristomal section; c practically flush, roundly arched on ml, cl $1\frac{1}{2}$ x cw; no fec; ep short, wide, slightly warped in curve of c; fcl bare, absolutely straight, narrow & little widened below, flattened-cordlike; v dec, on om; vx equal to anx, latter $\frac{2}{3}$ hh; hs equal to hh, brst, lb moderate size; plp clavate, rather longer than an; ba on em; 2 an short; 3 an ♂ 3 x 2 an, narrow; ar very short-pl; e bare, large, descending below vl, strongly pushed forward below; vr ♂ $\frac{1}{6}$ hw, fr eql on posterior $\frac{3}{4}$ & then widening a little; fc $\frac{1}{8}$ hw in middle; frs stopping ba, about 14 thickly set; vrs ♂ 2 outer weaker, inner not dec; no pfro nor rfro ♂; frl wide, eql, 2 x pfrw; oct small & rounded; ocs precl, nearly as strong as frs; pfrl a little narrowed posteriorly; pfcl bare, eql, scarcely wider than fcl; no fco; pts reaching slightly below vl; ch $\frac{1}{8}$ el; chg slender tacklike; no gno; th nearly width of h, wider than base of ab; prsc much shorter than psc; st 3 but lower one weak, pi 3, ps 3, pra 2, pa 1; ls 2, hind pr reaching 2 sg & convergent; no aps, 1 weak ds; w very narrow & elongate, a little less than 4 x as long as wide ♂; no cs; R 1 brst on stigmal section, terminating little beyond R 6; R 5 bb; 5 R narrowed at tip, narrowly open in wt; cb very oa, faintly bent & rounded, close to hwm; M 1 bent in before tip; no wr at cb; M 3 sin, a little nearer cb; C 1 bare, lsc very short; sq not large, subangular on inner corner, eql, sq $\frac{1}{6}$ sq; l very long, t very elongate; htb not pc, mmtt equal fjs; ft ♂ nearly 3 x ftb, mt & ht 2 x their tb; cls ♂ long; ab 2 x th ♂, slender & tapered, isgs equal & longer than others; no mm on 1 st 2 sgs, or only vestigial on 2 sg; mr of 4 strong on 3 sg, mr of 6 strong on 4 sg; hy ♂ ventrocaudal, concealed in slit showing ar profile.

Myobiomima longimana (n. sp.): Bl, 8 to $9\frac{1}{2}$ mm; wl, $7\frac{1}{2}$ to 9 mm. 4 ♂, 3 Fort de Kock & 1 Tandjunggadang, 1000 meters, Oct. 1925.

H & pleura silvery-white, pfrl & msc golden; frl blackish, with silvery bloom; an & plp yellow, ar & most of 3 an blackish; 4 black thv, inner pr narrow & stopping before middle of psc, where they are replaced by a single broader mv; sc black, except extreme tip; hind angles of psc black; ab yellow, 4 sg & posterior $\frac{1}{2}$ more or less of 3 sg black; irregular hind margin of 2 sg black, at times reduced to a median & lateral spots; l yellow, t blackish, htb & tips of hf blackish; w smoky-blackish, yellowish costobasally; sq well infusate.

Thelairoleskia n. gen. (Genotype, *Thelairoleskia bicolor* n. sp.).

Rather stout but somewhat narrowed; h not much wider than high; frp arc, slightly longer than fcp, latter concave; orp straight, bevelled up anteriorly; ocp little bulged; c flush, wide below, cl $1\frac{1}{2}$ x cw; no fec; ep wide, elongate, strongly warped, subnasute; fel bare, flattened nearly to cpl, wider below than pfel; v strong, dec, well above om; vx fully anx, latter $\frac{3}{5}$ hh; p short & stout, ls with setae & hardly $\frac{1}{2}$ hh, lb large; plp laterally compressed, wide, bowed; ba little above em; 2 an somewhat elongate; 3 an ♀ $2\frac{1}{2}$ x 2 an, broad; ar finely pb, hairs rather longer than diameter of ar, bjs short, ar much longer than an, thk $\frac{1}{5}$ w & tapered; e bare, somewhat oblique, descending below vl; vr ♀ $\frac{3}{13}$ hw; fc below not $\frac{1}{2}$ hw; frs 1 below ba, abnormally 2 close together; vis ♀ 2 strong, ivrs dec; pfro ♀ 2 strong; rfro ♀ 3, middle weak, hind div; frl ♀ eql, equal to pfrw; ocs weak, slender, prel; pfel bare, only faintly narrowed below; no fec; ch ♀ $\frac{1}{7}$ el posteriorly, widened anteriorly; no gno; th not as wide as h, as wide as ab; prsc shorter than psc; st 3, pi 3, ps 3, pra 2, pa 3, ls 2 long, aps shorter & dec, ds 1; w wide, not very long; no cs; R 1 bare, terminating far beyond R 6; R 5 brst $\frac{1}{2}$ w to R 6; 5 R well open a little before wt; cb rounded oa, hardly over $\frac{1}{7}$ ww from hwm; M 1 faintly bent in; no wr at cb; M 3 sin, not its length from cb; C 1 bare, lsc very short; sq moderately wide, inner corner rounded-angular; l long, t very elongate; ltb ♀ very short-pe, with 2 longer brs; mtt equal fjs; ft ♀ not widened; ab ovate ♀, 1 mm on 1 st 2 sgs, mr of 8 on last 2 sgs; hy ♀ in caudoventral cavity, with terminal lips.

Thelairoleskia bicolor (n. sp.): Bl, $9\frac{1}{2}$ mm; wl, 9 mm. 1 ♀, Fort de Kock, 1925.

H silvery-white; frl blackish-brown; banjs rufofulvous, 3 an blackish; plp fulvous; th & sc black, very thinly silvery-white pol, 4 narrow black thv; ab black, 1 st 2 sgs & base 3 sg rufous-yellow; 4 sg silvery-white except tip; l fulvous, tb brown or faintly rufous, t blackish; w very faintly smoky, yellow on costa & base; sq tinged with tawny-yellowish.

Promintho n. gen. (Genotype, *Promintho sungayana* n. sp.).

Narrow & elongate; h markedly wider than high; frp gently arc, considerably longer than fcp, latter short & receding; orp short & faintly arc, not as long as fep; ocp a little bulged below; c faintly but distinctly depressed, narrow, cl 2 x cw; no fec; ep full width, cut off short, rim distinctly warped; fel bare, well flattened, faintly oblique; v strong, dec, on om; vx shorter than anx, latter $\frac{1}{2}$ hh; p short, stout, lb very large; plp clavate; ba on em; 2 an short; 3 an ♀ $3\frac{1}{2}$ x, 2 an, narrow; ar long thinly short-pl to tip; e bare, gently or scarcely pushed forward below, somewhat shaved on lower extent behind, descending just to vl; vr ♀

little over $\frac{1}{7}$ hw, fr widening gradually to less than $\frac{1}{3}$ hw at ba, fc below only $\frac{1}{3}$ hw; frs 1 in advance of ba; vrs ♀ 2, ivrs dec; pfro & rfro 2 strong ♀; frl $\bar{\bar{\bar{\circ}}}$ very narrow & nearly eql, little over $\frac{1}{3}$ pfrw; oct very small, narrow & rounded in front; ocs small but distinct, prel; pfrl wide, gently narrowed posteriorly, practically bare; pfl very narrow, bare, narrowed below, as wide as fel reversed; no fco; pts reaching vl; ch very narrow, not over $\frac{1}{15}$ el ♀; chg nearly pinched out; no gno; th as wide as h; prsc shorter than psc; st 2, pi 3, ps 3, pra 1, pa 0; ls 2, bls shorter than hls; aps small & strongly dec, no ds; w rather narrow; cs very small; R 1 bare, terminating well beyond R 6; R 5 bb, only 1 or 2 brs; 5 R open in wt; cb rounded oa, near hwm; M 1 strongly arc in; no wr at cb; M 3 crooked, much over its length from cb; C 1 bare, lsc very short; sq rather small, rounded-ovate; l elongate; htb with br whorls; mmtt & hmtt short, fmtt not equal to fjs but longer than others; ft ♀ widened, compressed, somewhat plump, cls minute; ab laterally compressed & narrowed on hind $\frac{1}{2}$, nearly $1\frac{1}{2}$ x length of th; 1 mm strong on all 4 sgs & 1 md on 4 sg; hy ♀ anal, telescopic, retracted.

Promintho sungayana (n. sp.): Bl, $6\frac{1}{2}$ mm; wl, 6 mm. 1 ♀, Sungai Kumbang, Sept. 1915.

H silvery, vr shining black, frl & an black; plp pale testaceous, darker on base; th shining black, thinly silvery on pleura & in front between thv, 2 heavy black thv & a pr of linelike between them; ab black, shining, sides yellow on 1 sg & front $\frac{1}{2}$ of 2 sg, bases of last 3 sgs narrowly silvery; l black; w & sq lightly smoky-yellow.

Sumpigaster sumatrensis (n. sp.): Bl, 8 to $8\frac{1}{2}$ mm; wl, 7 to $7\frac{1}{2}$ mm. 3 ♀, 1 Sungai Kumbang, Sept. 1915, & 2 Gun. Teleman, June 1917.

H black, orbits & fc silvery; frl, an & plp black; th faintly metallic, thinly silvery pol, 2 heavy thv with faint linelike pr between, pleura more silvery; ab black, subshining, wide bases of last 3 sgs silvery; l black; w & sq smokyyellowish.

This species is rather doubtfully referred to Macquart's genus *Sumpigaster*. The lb are large & normal, ♀ vr scarcely $\frac{1}{5}$ hw, ch $\frac{1}{4}$ or $\frac{1}{6}$ el, & 5 R well to very narrowly open a little before wt. It differs from *Eomintho* in R 5 bb & 2 ls present; & from *Mesembriomintho* in strong mm on 1 sg & R 5 bb.

Xanthopteromyia n. gen. (Genotype, *Xanthopteromyia tegulata* n. sp.).

B narrowed; h scarcely wider than high; frp strongly arc, $1\frac{1}{2}$ x fcp, latter receding; orp short, with long but not very steep bevel anteriorly; ocp little bulged; c well sunken, cl little over $1\frac{1}{2}$ x cw; no fcc; ep cut off short, wide, not warped; fel bare, flattened-oblique, nearly $\frac{1}{2}$ cw below; v long, strong, dec, on om; vx hardly over $\frac{2}{3}$ anx, latter fully $\frac{3}{4}$ hh; p very short & stout, lb huge; plp bowed, heavy, wide, brst

on tips; ba a little below em; 2 an not very long; 3 an ♂ rather over 4 x 2 an, narrow; ar long, much over whole an, short-pl to tip, bjs short; e large, bare, well pushed forward below, reaching a little short of vl; vr ♂ little over $\frac{1}{7}$ hw, fr eql on posterior $\frac{1}{2}$, fe not $\frac{1}{2}$ hw at vl; frs stopping ba, 12 in all including small posterior ones; vrs ♂ 2, ivrs dec at tips, ovrs weak; no pfro ♂, no rfro or small; ln large; frl ♂ much narrowed posteriorly, fully pfrw; oet small, rounded anteriorly; ocs quite strong, prel; pfrl raised obliquely, narrowed posteriorly, with faint mich next fir; pfl bare, narrowed below, equal in width to fel reversed; no fco; pts reaching vl; ch hardly $\frac{1}{2}$ el ♂, a wide burnished-silver orbit behind lower $\frac{1}{2}$ e; chg small; no gno; th as wide as h, wider than ab; prse shorter than psc; st 2, pi 3, ps 3, pra 1, pa 1, ls 3 not long, apc weak & parallel, ds 1 weak; w long & rather narrow ♂; cs extremely short; R 1 bare, terminating somewhat beyond R 6; R 5 bb; 5 R well open considerably before wt; eb slightly oa, angular, hardly $\frac{1}{6}$ ww from hwm; M 1 slightly & evenly arc in; very micro-stp or none at eb; M 3 long, sin, nearly its length from eb; C 1 bare, lsc very short; sq large, wide, rounded-angular on inner corner; l long, mtb, htb & all t very elongate; htb not pc; mtt not equal to fjs; cls ♂ extremely long, pb, straight but hooked at tip; ab long-ovoconic, somewhat longer than th; 1 mm strong on 1 st 2 sgs, mr 10 on 3 sg, mr 14 on 4 sg; hy ♂ large, in caudoventral cavity.

Xanthotero myia tegulata (n. sp.): Bl, 12 mm; wl, 12 mm. 1 ♂, Fort de Kock, 1925.

H silvery-white; frl blackish; an fulvorufous; plp fulvous; th black, pleura rather thinly silvery, mse thinly silvery with edges more thickly pol & slightly tawny; 4 black thv, inner pr narrow & obsolete behind ts; sc thinly silvery; 1 st 2 sgs & very narrow base of 3 sg fulvorufous, rest black, last 3 sgs narrowly silvery on base, 4 sg more widely so than isgs; l fulvorufous, tb & t black, ftb brown; w strongly tinged with fulvous-yellow on wide base & costa, & along veins; sq deep fulvous-yellow.

Ochrotaenia ormioides TT. — Three additional ♀, Fort de Kock, Oct. & Dec. 1920, & Jan. 1921. These show that the ♀ has 2 pfro & 1 rfro. The rfro are strongly div, & may be directed either slightly forward or backward. The plp in one ♀ are unusually wide & flattened on terminal $\frac{1}{2}$. The palpuslike labellar prolongations are distinct but often approximated. The color is not yellow but testaceous or pale brownish-strawcolor, & the disk of latter $\frac{1}{2}$ of ab is often shaded dusky.

This species is evidently nocturnal or crepuscular, at least in the ♀, like the Ormine, Bengaliine & most other strongly testaceous flies.

Calirrhoe malayana (n. sp.): Bl, 8 to 10 mm; wl, 7 to 8 $\frac{1}{2}$ mm. 5 ♂ & 3 ♀, Fort de Kock, 1913 & 1925.

Differs from *siberita* F as follows: The ♀ has black bristles on pfrl outside the frs; these are lacking in ♂, only fine yellow micro-hairs being present. Frl ♀ fully equal to pfrw, ♂ wider than pfrw; vr ♂ scarcely $\frac{1}{6}$ hw, ♀ nearly $\frac{1}{3}$ hw; pfrl ♀ narrowed but little posteriorly, ♂ more distinctly narrowed; hs ♂ over 2 x hh, ♀ hardly over $1\frac{1}{2}$ x hh; p but little curved forward ♀, with faint reverse curve ♂; ep distinctly warped forward; no ovrs ♂♀; l almost wholly black ♂, only t black ♀; ab ♀ ferruginous, ♂ more flavous, hind margin isgs black on sides & below, mach of dorsum with black spots at roots, blackish mv evenly defined on sides; af ♂ minute, stn X short & stout hooklike.

Sumatrodexia n. gen. (Genotype, *Sumatrodexia brevirostris* n. sp.)

B narrow; h higher than wide, narrowing below e; frp arc, scarcely over $1\frac{1}{2}$ x fep, latter faintly receding; orp straight, well bevelled anteriorly; ocp well bulged below; c somewhat sunken on each side, cl hardly $1\frac{1}{2}$ x cw; fcc high, strongly separating an, as wide at base as fel; ep a little narrowed from c, nearly $\frac{1}{2}$ as long as wide, scarcely warped; fel short-brst nearly $\frac{1}{2}$ w, bowed somewhat below, cordlike; v strong, dec, a little above om; vx slightly lese than anx, latter nearly $\frac{3}{5}$ hh; p short, about $\frac{2}{3}$ hh, hs $\frac{1}{3}$ hh, lb large; plp stout, length of 3 an, somewhat thk at tip ♂; ba well below em; 2 an short; 3 an ♂ $2\frac{1}{2}$ x 2 an, pointed peglike; ar long-pl to tip; e bare, well pushed forward below, reaching level of tips of an; vr ♂ $\frac{1}{6}$ hw, fr widening faintly on posterior $\frac{1}{2}$ but rapidly on anterior $\frac{1}{2}$; fe in middle $\frac{3}{5}$ hw; frs stopping even with fri & hugging edge of same, 12 in number & all precl; ovrs ♂ very short, ivrs not dec; no pfr nor rfr ♂; fri strongly narrowed posteriorly ♂, nearly 2 x pfrw; oct not large, rounded on front angle; ocs strong, precl, approximated; pfrl ♂ nearly eql, with faint microsetae next frs behind; pfd bare, eql, $\frac{2}{3}$ cw; no fco; pts reaching far short of vl; ch nearly $\frac{3}{5}$ el ♂; chg large, occupying ch area except rather broad lower-hind border; gno 2 short & strong in chg; th as wide as h, not as wide as base ab; prsc equal to psc; st 2, pi 1, ps 3, pra 1, pa 2, ls 2 moderately short, aps length of bls & dec, ds 1 very short; w rather long & fairly wide, cs not developed; R 1 bare, terminating beyond R 6; R 5 bb; 5 R widely open considerably before wt; cb aa, V-like, not $\frac{1}{5}$ ww from hwm; M 1 strongly bent in at base & then slightly wavy; strong stp at cb, $\frac{2}{3}$ length of R 6; M 3 sin, hardly $\frac{3}{4}$ its length from cb; O 1 bare, lsc very short; sq rather large, considerably widened behind, inner corner subrounded; sql not $\frac{1}{2}$ length, not $\frac{1}{3}$ area of sq; l long, t very long ♂; htb not pc; mtt very long but not equal to fjs; cls ♂ very long; ab stout ovoconic, scarcely $1\frac{1}{2}$ x th; no mm on 1 sg, 1 mm on 2 sg, mr of 8 on 3 sg; 4 sg with mr of 8, 1 strong md & weaker

ones forming row, also some weak ma; hy ♂ fairly large but af small, stn V broad V-like, stn X forcepslike.

Sumatrodedia brevirostris (n. sp.): Bl, 13 1/2 mm; wl, 12 1/2 mm. 1 ♂, Fort de Kock, 1925.

H silvery-gray pol, with a tawny tinge; frl dark brown or blackish; an fulvous; plp rufous; th blackish tawny-gray pol; 2 heavy black thv giving out in middle of psc, an equally broad black band running from below humeri to wb on each side & continued posteriorly around edge of psc & over base of sc; rest of sc & whole ab pale fulvous or yellow, irregular mv & narrow hind borders of sgs blackish-brown, 1 sg showing the border only narrowly on sides; l fulvous, tb shading to dusky, t blackish; w lightly smoky, pale yellowish on costa & veins; sq yellowish.

Malayodineria n. gen. (Genotype, *Malayodineria montana* n. sp.).

Differs from *Dineria* as follows: Cl fully 2 x cw; ep scarcely warped; vx equal to anx; 3 an ♀ at least 3 1/2 x 2 an; vr ♀ nearly 1/3 hw; no rfr ♀; frl ♀ 2 x pfrw; ps usually 4, pra 4, pa 2 strong & 2 short in front, aps rather long & dec; no cs; R 5 brst at most 1/6 w to R 6; 5 R closed a little before wt, hot neck-pet; l long, t very long ♀; no mm on 1 st 2 sgs, mr of 6 on last 2 sgs.

Malayodineria montana (n. sp.): Bl, 8 1/2 mm; wl, 8 mm. 1 ♀, Kurintji Peak, August 1915.

H silvery tinged with brassy; frl brown, more yellowish on sides; an & plp brownish-yellow, terminal 1/2 3 an dusky; th blackish, silvery pol with faint brassy tinge; 4 blackish thv, inner pr narrow before ts but widened & confluent behind same where they form a quadrangular blotch wider than long & irregularly defined behind but giving out in middle of psc; sc blackish across base; ab tawny-yellowish, hind 1/2 last 3 sgs brown to blackish, 1 sg faintly brownish on posterior border; l pale tawny-yellowish; tb brown, narrowly testaceous on middle; t black; w very faintly smoky-yellowish on costa & veins; sq glassy-tawny.

Tylodexia n. gen. (Genotype, *Tylodexia tenuis* n. sp.)

B narrow; h no wider than high, narrowing below e; frp gently arc, steeply sloped, longer than fcp, latter emarginate & hardly length of orp, which last is nearly straight but bevelled anteriorly; ocp well bulged below; c narrow, sunken each side, cl over 2 x cw; fcc very low, narrow, not sharp, not separating an, but distinct & well formed; ep cut off just below v, narrow, a little narrowed from c, hardly 1/3 as long as wide, warped; fcl bare, rather narrow, ironed in, slightly oblique; v strongly dec, distinctly above om; vx equal to anx, latter fully 3/6 hh; p equal to lh, hs 1/2 hh & brst, lb small; plp fully length of 3 an, slender, scarcely or not thk at tip ♂ ♀; ba scarcely below em,

an reaching $\frac{3}{4}$ w to vl; 2 an very short; 3 an ♀ eql, $3\frac{1}{2}$ x 2 an; ar moderately long-pl to tip, length of an, thk only at extreme base; e bare, strongly pushed forward below, not large, not shaved behind, reaching level of tips an; vr ♀ $\frac{1}{3}$ hw & fr widening gently, ♂ $\frac{1}{6}$ hw & fr narrowing at first before widening to $\frac{1}{3}$ hw at ba; fe widening at same angle, $\frac{2}{3}$ hw below ♀ & $\frac{2}{3}$ hw in middle ♂; frs hugging edge of frl & not reaching quite to front end of same, 5 in number, prel-convergent, nearly erect; vrs 2 ♀, ovrs very short, 1 ♂, ivrs not dec; ♀ with 2 pfro nearly in fir & taking places of frs in row, ♂ with none; ♀ with 1 rfro in line with frs & div, ♂ with none; fil ♀ gently narrowed posteriorly & $1\frac{1}{2}$ x pfrw, ♂ narrowed posteriorly & nearly 2 x pfrw; oct small & ill defined; ocs prel; pfrl bare, narrowing gradually posteriorly; pfcl nearly width of the narrow c, eql, bare; no fco; pts reaching upper edge va but not vl; ch $\frac{1}{2}$ el ♀, $\frac{2}{5}$ el ♂, hairy ocar showing only on hind edge; chg very large, blotchlike with tail behind e; no gno; th width of h, slightly wider than ab; prsc distinctly shorter than psc; st 3 but lower one weak, pi 2, ps 3, pra 1 short, pa 3 but middle one shorter; ls 2, hls long & div, bls $\frac{1}{2}$ length of hls; aps strongly dec, somewhat shorter than hls; ds 1 shorter than aps; w long & narrow, eql; cs very short; R 1 bare, terminating a little beyond R 6; R 5 not brst even at base; 5R very narrowly open just before wt; cb widely rounded oa, $\frac{1}{6}$ ww from hwm; M 1 parallel to hwm, bent in before tip; no wr at cb; M 3 sin & near middle ♂, rather over its length from cb & more nearly straight ♀; C 1 bare, lsc very short; sq not very large, subovate but rounded outward exteriorly; sql over $\frac{1}{4}$ sq; l long & slender, t elongate & very slender, fex well elongated; htb with 2 more or less complete whorls of brs & a 3 d whorl at tip; mtt nearly equal fjs; ft ♀ slender; cls ♀ minute, ♂ very long; ab ♀ long-elliptic, narrow, little longer than th, ♂ rather over $1\frac{1}{2}$ x th & subcylindroconic; no mm on 1 sg, 1 mm on 2 sg, mr of 6 on 3 sg, mr of 8 on 4 sg; hy ♂ moderately large, caudoventral, ♀ anal & retracted.

Tylodexia tenuis (n. sp.): Bl, 5 to 7 mm; wl, 5 to 6 mm, 1 ♂ & 5 ♀, Air Njuruk Dempu, 1400 meters, June, 1916; Gunung Singgalang, 1600 meters, August, 1925; Fort de Kock, 1925.

H silvery with a brassy tinge, wide brownish band from e to psl; frl dark brown, an pale reddish-yellow, plp paler straw-yellowish; th & ab black; pleura silvery, with 2 diagonal dark brown bands, the forward band continued posteriorly on sides of msc to sc, latter wholly blackish; msc thickly pale golden pol, 3 heavy black thy, mv wider, all approximated & terminating in middle of psc; last 3 sgs thinly brassy pol, each with a small silvery spot on side at base; l blackish, fex thinly silvery; w infusate on costal $\frac{1}{2}$ & veins; sq very pale smoky-yellowish.

Calotheresia n. gen. (Genotype *Calotheresia sumatrensis* n. sp.)

B narrow & rather elongate; 3 an ♀ fully 3 x 2 an; ar rather thickly pl; frl only slightly narrowed posteriorly ♀; ps 3, pra 0, pa 1, ds 1; cs strong; 5R open little over 2 x its mouth-width before wt; cb very near hwm; l long, t elongate & slender. Otherwise mainly as in *Gymnodezia*.

Calotheresia sumatrensis (n. sp.): Bl, 10 to 11 1/2 mm; wl, 9 1/2 to 10 1/2 mm. 2 ♀, Fort de Kock, Nov., 1913, & Gunung Singgalang, 1925.

H silvery-white, pfrl golden; frl black, wide infuscate band from e to psl; an & plp rust-yellow; occ & th silvery; 4 black thv, inner pr narrower & approximated to outer; disk of psc light brown on hind 1/2; hind edge psc & front edge sc black; ab yellowish-red, silvery to golden-silvery pol on basal 1/2 of last 3 sgs, hind border & mv of all sgs black; l black; w widely creamy on base, then black on nearly costal 1/2; sq egrayish glassy.

Eomyceropsis n. gen. (Genotype, *Eomyceropsis longipennis* n. sp.)

Differs from *Eomycera* TT mainly as follows: Ocs 2 long prel prs; pra 1 strong, pa 2 strong; w ♂ long & narrow, no wider at base than on middle; l very long, all t ♂ extremely long especially ft; 1 mm on 1 sg; normally 3 md on 2 sg ♂. The vx is equal to anx, ft fully 2 x ftb, cb 1/7, ww or less from hwm, short strong stp at cb.

Eomyceropsis longipennis (n. sp.): Bl, 12 1/2 mm; wl, 11 1/2 mm, 2 ♂; Tjibodas, Java, Feb., 1916, & Gunung Singgalang, West Coast Sumatra, 1800 meters, July, 1925.

H silvery; frl brown, an & plp pale reddish-yellow; pale brownish band from e to psl; pleura silvery, upper edge occ & whole msc golden pol; 4 subequal black thv, inner pr narrower before ts & giving out in middle of psc; sc pale golden pol except base; ab pale yellow with blackish-brown mv, extreme base & increasingly wider hind borders of all 4 sgs, the 4 sg only narrowly yellow above on base; l yellow tb more dusky, t blackish; w faintly smoky-yellowish; sq pale watery-yellowish.

Eomyceropsis sumatrensis (n. sp.): Bl, 11 1/2 mm; wl, 10 1/2 mm. 1 ♂ Fort de Kock, Nov., 1913.

H & th pale golden pol, frl blackish-brown, an & plp reddish-yellow; brown band from e to psl; heavy subarc blackish fascia from wb to wb following hind edge of psc & front edge of sc, including extreme base of w; 4 blackish thv, outer narrow behind ts, inner narrow before ts & giving out before middle of psc, the color running narrowly across on ts; ab pale reddish-yellow, with blackish irregular mv & increasingly wider hind borders of last 3 sgs; 4 sg yellowish-silvery pol on irregular basal 1/2, 3 sg narrowly same above on base & on anterior 1/2 of mv,

2 sg with pollinose blotch on base of mv; l blackish; w deeply infuscate on costal $\frac{1}{3}$, fading out on inside, band of pale yellow across base opposite the sc & reaching cs on costa, the sq nearly concolorous with same.

This species differs from the genotype in ft $1\frac{1}{2} \times$ ftb, 2 md on 2 sg, & irregular dr on dorsum of 4 sg.

Philippodexia sumatrensis (n. sp.): Bl, $12\frac{1}{2}$ mm; wl, 11 mm. 1 ♂, Muara Sako, Oct., 1915.

Differs from *P. longipes* TT by a 3d weaker st; 3 an hardly over 3 x 2 an; frs more numerous & thickly placed, about 14 ♂ on each side; ivrs convergent but not dec; 4 sg with strong ld on each side; col practically same except that thv are not confluent behind ts.

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

B heavy & stout; h only a little wider than high; frp arc, a little longer than fep, latter parallel to ocp; orp slightly bevelled anteriorly; ocp somewhat bulged below, with brassy beard; c almost wholly sprung into the fcc, nearly eql, narrowed somewhat above, cl 2 x cw; fcc low & wide, without median furrow; ep full width, $\frac{2}{3}$ as long as width between v, lightly warped but sprung nasute; fcl very wide, ironed in on upper part as wide in middle as upper part of c, outer edge with 3 strong brs above v & 6 below; v strong, high above om, tips dec; vx equal to anx, latter $\frac{2}{3}$ hh; p $\frac{2}{3}$ hh, hs stout & brst, little longer than the large lb; plp large, stout, widened, rather longer than an, narrowed evenly at base & tip, brst above & with longer brs on edge below; ba below em, an reaching hardly $\frac{3}{4}$ w to vl; 2 an somewhat elongate; 3 an ♀ nearly 2 x 2 an, narrow, rounded at tip; ar pb $\frac{1}{2}$ w, little thk $\frac{1}{8}$ w & tapered, bjs short; e pilose, obliquely set, reaching nearly to level of tips an; vr ♀ hardly $\frac{1}{6}$ hw, fr widening rapidly; fc widening at same angle, nearly $\frac{2}{3}$ hw below; frs 1 in advance ba, 4 or 5 strong anterior ones removed from frl & some small ones in the intervening space; vrs 2 ♀, ivrs dec; pfro 3 ♀, hind one shorter; rfro 1 div-rc1; frl narrowed posteriorly ♀, $\frac{3}{4}$ pfrw, hairy on sides; oct subrounded; ocs absent; pfrl gently narrowed posteriorly, with black setae; pfc1 bare, slightly narrowed on middle where their width equals fclw; no fco; pts stopping well short of v; ch over $\frac{1}{6}$ el; chg curved tacklike, with wide head that runs narrowly down to psi; gno about 3; th fully as wide as h; prsc little shorter than pse; st 2, hm 4, ph 2, pi 2, pri 0, ps 4, prsa 1, pra 2, pa 2, ls 4 strong prs in arc line following border of sc, aps convergent & nearly as strong as ls, ds 3 short in transverse line; sc very short & wide; w rather long, broad at base & tapered somewhat to tip; no es; R1 bare, terminating far beyond R6; R5 brst with fine hairs nearly $\frac{1}{4}$ w to R6; 5 R open well before wt; cb ra, $\frac{1}{6}$ ww from hwm; M1 bent in at base, then nearly straight; wr at cb; M3 sin, $\frac{1}{2}$ its length from cb; C1 bare,

lsc very short; sq hairy above, large, angular on inner corner; sql over $\frac{1}{2}$ area of sq; l & t short; ltb short-eil, with 2 long brs in middle; mtt not equal to fjs; ft ♀ not widened; cls ♀ equal to ltj; ab wider than th, hardly longer than wide, truncate anally but faintly concave on hind margin of 4sg; no mm on 1sg, 1 mm on 2sg, nr on 3sg, sparsely set nr & dr on 4sg, all mach short & stout spinelike; hy ♀ ventral near tip ab, telescopic, with terminal lips.

Oxyrutilia jacobsoni (n. sp.): Bl, 16 mm; wl, 16 mm; abw, 8 mm. 1 ♀, Sungai Kumbang, Sept., 1915.

H brassy-yellow pol; frl dark brown; plp & an ferruginous, ar & 3an except base dark brown; th & sc ashy-gray pol; pleura brassy-gray pol; ab shining black, faintly metallic bluish; l black; w broadly rust-yellow costobasally, rest blackish along veins & costa; sq & sql rich rust-yellow, former with yellow & black hairs on upper side, the yellow hairs on outer edge & the black on rest.

Malayocyptera n. gen. (Genotype, *Malayocyptera munita* n. sp.).

Differs from *Neocyptera* TT mainly as follows: 3an little longer than 2an; ar thk $\frac{1}{4}$ w; vr ♂ ♀ little over $\frac{1}{6}$ hw; no pfr nor rfr ♂ ♀; frl nearly eql, considerably over pftw; pfc eql, as wide as fcl below; pl 1, ls 2, abs dec; pet of 5R 2x RG; cb $\frac{1}{4}$ ww from hwm; no stp at cb; M3 over its length from cb; 1 strong mm on 1sg & 2sg, nr of 6 on 3sg & 4sg; no spines on vn ♀.

Malayocyptera munita (n. sp.): Bl, 8 to 9 mm; wl, 6 $\frac{1}{2}$ to 7 mm. 1 ♂ & 1 ♀, Sungai Kumbang, Sept., 1915.

H silvery, whole fc & pfrl distinctly tinged with brassy ♂ but only pfrl so ♀; frl & an black; th thinly silvery ♀ with faint tinge of brassy above, more brassy above ♂; prsc showing 2 wide black thv narrowly separated, psc unbroken black on disk; sc black; ab black, narrow bases of isgs & broad base of 4sg or true 5sg thinly silvery; 1sg or true 2sg faintly reddish on sides ♀; l black; w narrowly yellow on base & costa, rest nearly clear; sq white.

Minthocyptera n. gen. (Genotype, *Minthocyptera malaya* n. sp.).

Differs from *Zambesa* as follows: H somewhat wider than high; fep not receding, long & slightly concave; orp quite straight; c long, narrow, subeql, sprung high above level of fcl; no fce, ep showing arc edge from below, sprung subnasute though very short; fcl bare, flattened to edge of c; v below oml, evidently weak (scars); vx eq anx, latter $\frac{2}{3}$ hh; p eq hh, ls over $\frac{1}{2}$ hh & with setae, lb of good size; plp 1 $\frac{1}{2}$ x 2an, brst, rather pointed at tip; 3an 5x 2an ♀; ar micro-pb; e slightly oblique, reaching a little short of oml but almost to lbh; frs stopping at ba, 3 in number, front 1 weak & diverging from row, 2d strong & dec, 3d weaker; vrs 2 strong ♀, ivrs apparently not dec (injured); rfr

2 ♀; frl nearly pfrw; ocs absent; ch $\frac{1}{8}$ el; pi 3, pra 1 or 2, pa probably 1 (destroyed); prsc a little shorter than psc; w not long; R1 terminating well beyond R6, latter normal & far removed from base of R5; R5 brst nearly to R6; 5 R narrowly open almost in wt; cb a rounded angle, hardly over $\frac{1}{6}$ ww from hwm; M1 nearly straight; M3 nearly straight, steep its length from cb; lsc C1 very short; sq longer than wide, only a little widened & rather rounded behind; t very long, f & tb short; htb pc, with longer brs; hmtd longer than fjs; cls ♀ minute; ab subcylindric, widening on middle; no md on any sgs; hy ♀ small, caudal, retracted.

Minthocoptera malaya (n. sp.): Bl, 7 $\frac{1}{2}$ mm; wl, 6 mm 1 ♀, Sumatra.

H silvery-white, pfrl showing polished black near vr; frl & an black; plp blackish; th thinly silvery including pleura; 4 indistinct black thv, inner pr narrow & short, outer wide; sc black; ab broadly reddish to reddish-yellow on sides of 1st 3 sgs, rest blackish, last sgs silvery on base, the silvery narrow above & widening below, 4sg silvery except tip; l blackish, f more or less silvery; w faintly yellow on costal & basal parts; sq watery-whitish, subtransparent.

Euthelairosoma n. gen. (Genotype, *Euthelairosoma chaetopygiale* n. sp.).

B narrow & *Euthelaira*-like; h only a little wider than high; frp gently arc, little longer than fop, latter a little receding; orp irregularly bevelled anteriorly; ocp bulged below; c gently sunken, moderately narrow, gently narrowing upward, cl 2 x cw; no fcc; ep appreciably elongated below vl at least on sides, full width, scarcely to distinctly warped; fol bare, straight, much flattened, at 40° to epl; v strong, long, dec at tips, near oml; vx $\frac{5}{6}$ anx, latter rather over $\frac{8}{9}$ hh; p very short & stout, lb large; plp length of hs or 3 an, stout, bowed; ba distinctly above em, an reaching level of lower end e; 2 an short; 3 an ♂ long & narrow, eql, 4 x 2 an; ar rather long & thin, short-pb $\frac{1}{2}$ w; e practically bare, only a few short scattered hairs showing, not quite reaching vl, well pushed forward below; ♂ vr $\frac{1}{6}$ hw, fr eql on posterior $\frac{1}{2}$ & then widening; fc widened at same angle, $\frac{1}{2}$ hw in middle; frs 2 below ba directed upward, 5 others, all convergent & reaching $\frac{1}{2}$ w to vr; vrs 1 long ♂, not dec; no pfro ♂; rfro 3 ♂, middle 1 longest; frl well narrowed posteriorly, over pfrw; oct long-triangular; ocs long, precl, not div; pfrl finely hairy, slightly narrowed posteriorly; pfc bare, $\frac{1}{2}$ cw above & narrowing distinctly below; no fco; pts reaching vl; ch $\frac{1}{4}$ el; chg curved tacklike; gno represented by 1 or 2 brs removed from psl to ch; th as wide as h & wider than ab; prsc much shorter than psc; st 2, pi 3, ps 3, pra 2, pa 3 but front 1 weak; ls 3, mls & hls very long; no aps, ds 1 moderately long & slender; w rather narrow ♂ & moderately long; cs none or very short; R1 bare, terminating well beyond

R 6; R 5 bb; 5 R narrowly open considerably before wt; cb a rounded oa, over $\frac{1}{6}$ ww from hwm; M 1 gently bent in; no wr at cb; M 3 very sin, its length from cb; C 1 bare, lsc very short; sq of moderate size, rather ovate but produced subangularly on inside behind; l quite long, t rather long especially mt; htb loosely pc, with 2 longer brs; mtt not quite eq fjs; cls σ^7 long; ab σ^7 narrow, elongate, conico-subcylindric, somewhat constricted at base, much like *Euthelairini*, distinctly longer than th; 1 md on 1 sg & 2 sg, 1 md on isgs, mr of 6 on 3 sg & 3 weaker below, mr & dr of 4 each on 4 sg; σ^7 with brush of brs arising from spot on each side of 4 sg, directed posteriorly & somewhat downward beside hy, spots being hair-puncture areas suggestive of those of *Zygothrix* but not so marked; 4 sg in profile obliquely cut behind, hyp receding downward; hy σ^7 rather large, in ventroanal cavity.

Euthelairosona chaetopygiale (n. sp.): Bl, 8 to 9 mm; wl, 7 to 8 mm. 7 σ , Kalang, Dec., 1913; 1 Suban Ajam, July, 1916; 3 Fort de Koek, 1925; & 2 Sumatra.

H silvery with tawny-yellowish tinge; frl black, an dark brown, plp reddish-yellow; occ blackish above, silvery below, beard whitish; pleura thinly silvery; mse silvery, more or less tinged with tawny-yellowish; 4 black thv, inner pr narrow & giving out in middle of pse, latter only faintly pol on disk; sc & ab black, subshining, bases of isgs broadly pol, the pollen silvery on sides but more or less tawny above & interrupted on ml; 1 black; w smoky-yellowish on costa & veins; sq clear smoky-yellow.

Compisura sumatrensis (n. sp.): Bl, 6 mm; wl, $4\frac{1}{2}$ mm. 1 σ , Air Njuruk, Dempu, 1400 meters, August, 1916.

Differs from *C. concinnata* in 5 R practically closed, 3 an σ^7 rather over 6×2 an, M 3 distinctly nearer to cb, frp hardly over $\frac{3}{4}$ fep, σ^7 ch not over $\frac{1}{3}$ el. The pfcl are eql & not over $\frac{1}{4}$ cw. Pollen of h & b has a brassy tinge.

Prosopofrontina n. gen. (Genotype, *Prosopofrontina pulchra* n. sp.).

The main differences from *Prozenillia* are included in the following; Fel long, crests heavily bowed below, cil with 8 heavy brs, flattened, oblique to epl; plp stout, bowed, not much widened σ , nearly length of 3 an; 2 an elongate, 3 an elongate, eql, rather wide, 4×2 an; e thinly pilose, oblique, not nearly reaching vl; vr σ $3/11$ hw, fr widening from vr; vrs 1 σ ; ocs small, prel? (scars); pfcl hardly $\frac{1}{2}$ cw but rather wider than fel, a little narrowed below, with micro-setae on upper $\frac{1}{2}$; st 3, ps 3; aps rather long, weak & parallel; cb $\frac{1}{6}$ ww from hwm, nearly ra, rounded; M 1 are in, no wr at cb; M 3 nearly its length from cb; htb pc, with 1 longer br σ ; 1 md on last 3 sgs; hy σ caudal & apparently telescoped.

Prosopofrontina pulchra (n. sp.): Bl, $9\frac{1}{2}$ mm; wl, 8 mm. 1 ♀, Gunung Singgalang, 1800 meters, 1925.

H silvery-ashy pol, light golden on pfrl; frl & an black; plp rufous; pleura silvery, with faint brassy tinge; msc & tip of sc light golden pol; 4 black thv, inner pr narrow & stopping at ts, outer pr heavy, a 5 th showing anteriorly between inner pr; psc with heavy black marking between the outer thv; an arc black fascia running between the 2 wb over basal $\frac{1}{2}$ of sc; ab yellowish-rufous, mv posterior $\frac{1}{2}$ of 3sg & all of 4sg black, the rufous extending on sides & vn to tip of ab, which is greased & shows no pollen; 1 black; w pale yellowish on costa & faintly so along veins; sq yellowish.

Euhyparecteina malayana (n. sp.): Bl, 6 mm; wl, 5 mm. 1 ♀, Gunung Singgalang 1800 meters, July, 1925.

Black; h silvery; pfrl shining black posteriorly when seen from above, but silvery when seen from behind; frl, an & plp black; pleura, prsc & sides of psc silvery; 4 black thv on prsc, well sep in middle but those of each side approximated & appearing subconfluent when seen from behind; disk of psc & all of sc subshining blackish, scarcely pol; ab black, subshining; basal $\frac{1}{2}$ of 4sg, basal $\frac{1}{3}$ or so of 3sg & narrow base of 2sg thinly silvery; 1 black; w faintly smoky along veins; sq faintly smoky-yellowish.

Phrynactia n. gen. (Genotype, *Phrynactia petiolata* n. sp.).

Differs from *Schembria* mainly as follows: Fcl cil high with 6 or 7 strong brs; ep cut off short, full width, edge warped; vx little over $\frac{1}{2}$ anx, latter over $\frac{1}{3}$ lh; 2 an short; 3 an ♂ 5 x 2 an, rather heavy & somewhat swollen; 2 ar elongate; e rather thinly short-pilose, reaching far short of vl; frs 2 below ba, 5 in all; st 3, pi 3, ps 3, pra 3, pa 3; ls 3, bls dec, hls reaching base of 3sg; aps erect, not dec; ds 1 short; R 5 brst to R 6; 5 R long-pet, ending far before wt, pet in line with R 5 & longer than R 6, about $\frac{1}{3}$ length of M 1; cb ang, little over ra, nearly $\frac{1}{2}$ w between fwm & hwm; M 1 nearly straight, bent in slightly at base; M 3 straight, much nearer to R 6 but over its length from latlet; lsc C 1 fully $\frac{2}{3}$ preceding; 1 mm on 1sg, shorter than others; dr of short brs on 4sg.

Phrynactia petiolata (n. sp.): Bl, 5 mm; wl, 4 mm. 1 ♂, Fort de Kock, 1925.

Black; h thinly silvery-white; frl & an black; plp apparently black (retracted); pleura, prsc & whole margin of psc thinly silvery-white; 4 black thv on prsc, inner pr very narrow; sc very thinly silvery seen from behind; ab black, narrow bases of last 3sgs silvery-white; 1 black; w clear; sq nearly white, subwatery.

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

Differs from *Aphantorhapha* as follows: Vx eq anx; 3 an ♂ 3 x 2 an; 2 ar only 2 x as long as wide; vr ♂ $\frac{1}{3}$ hw; frl ♂ 2 x pfrw, eql; pfcl narrowed nearly to a line below; ch little over $\frac{1}{5}$ el ♂; cb not $\frac{1}{4}$ ww from hwm; M3 in middle; lsc C1 less than $\frac{1}{2}$ preceding; ab oval.

Aphantorhaphopsis orientalis (n. sp.): Bl, 3 mm; wl, 2 mm. 1 ♂, Fort de Kock, 1925.

Yellowish; h silvery-white; pfrl pale brassy-golden; frl & banjs fulvous; 3 an dusky; plp pale yellowish; pleura & msc pale brassy-golden, thy obsolete; sc dusky on base of disk, yellowish on margin; ab yellowish; triangular median spot on 2 sg, posterior $\frac{2}{3}$ of 3 sg & all but narrow base of 4 sg blackish; last 3 sgs very narrowly & faintly silvery on bases; l yellowish, t appearing dusky from black vestiture; w faintly tinged with smoky-yellowish; sq smoky-yellow.

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

Differs from *Gymnophthalma* as follows: C flush, wide, cl $1\frac{1}{2}$ x cw; 3 an ♀ 3 x 2 an, ♂ 4 x 2 an & wide; pfcl narrowed to a line below ♂; ch scarcely $\frac{1}{5}$ el; pra 3; pa 2 normal & 2 shorter in front; aps strongly dec; cs strong; R1 brst to tip, the stigmal section with weaker brs; R5 brst to point $\frac{1}{2}$ w between M3 & wt with heavy brs; M3 straight, much nearer to R6, $1\frac{1}{2}$ x its length from latter; C1 bare, lsc fully $\frac{2}{3}$ preceding; no md on 4 sg.

Eogymnophthalma orientalis (n. sp.): Bl, 4 mm; wl, $3\frac{1}{2}$ mm. 1 ♂ & 2 ♀, Fort de Kock, 1925.

H silvery-white; frl & banjs fulvous; 3 an blackish, base fulvous; plp yellowish; pfrl & msc pale brassy pol, with greenish reflections, no thy; pleura more silvery; sc silvery; ab black, last 3 sgs largely silvery but showing more basally according to light incidence, pollen of sc & ab with bluish to greenish reflections; l black; w nearly clear, only faintly smoky costally; sq nearly white ♀, lightly smoky ♂.

This is not *Tachina orbata* W.

Malayodoria n. gen. (Genotype, *Malayodoria fumipennis* n. sp.)

Differs from *Oomeigenia* mainly as follows: fcl bare, flattened oblique; vr ♂ not $\frac{1}{5}$ hw; vrs 1 ♂, not dec; no pfro ♂; frl ♂ eql, narrow, eq pfrw; pfcl very narrow, bare, nearly eql, not as wide as fcl; ps 4; aps micro-hairs, dec; 5 R closed just before wt, sharply pointed; 1 sg with no mm, or mm vestigial & not easily differentiated; 2 sg with 1 mm; mr of 6 on 3 sg; mr of 6 on 4 sg & bunch of weak brs on disk.

Malayodoria fumipennis (n. sp.): Bl, $4\frac{3}{4}$ mm; wl, 4 mm. 1 ♂, Fort de Kock, Oct 1913.

Blackish-brown; fc thinly silvery, extending on pfrl anteriorly; frl & an black, former showing a silvery bloom in oblique view; plp brownish;

th, sc & ab brownish-black, pleura & prsc showing faint silvery bloom; 4 indistinct black thv on prsc; narrow bases of last 3 sgs silvery in oblique view; l blackish-brown; w & sq quite deeply infuscate.

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

The main differences from *Chaetomyiobia* are included in the following; H distinctly though only slightly wider than high; frp flat, sloped, not longer than fcp; ep cut short, wide, well warped; fel bare, flattened practically into epl; plp nearly length of an, clavate ♀, but little thk at tip ♂; 2 an somewhat elongate; 3 an $2\frac{1}{4}$ x 2 an, wide, eql; ar thin, short-pb, bjs short; vr ♀ $\frac{1}{4}$ hw, ♂ scarcely less; fr widening gradually from vr, fc $\frac{1}{2}$ hw in middle ♀ or below ♂; frs 1 below ba, 5 in all; no pfr ♂; frl gently narrowed posteriorly, scarcely wider than pfrw; ocs small, fine, precl; pfel bare, narrow, well narrowed below, scarcely wider than fel reversed; ch $\frac{1}{6}$ el; st 3, pi 3, ps 3, pra 1 or 2, pa 1, ls 2 long, no aps nor ds; prsc eq psc; w rather broad, moderately long but not much longer than b; R 5 brst nearly to or a little beyond R 6; 5 R very narrowly open a little before wt; cb rounded oa, $\frac{1}{6}$ ww or less from hwm; M 1 a little arc in; M 3 nearly straight, over its length from cb; l rather long, t elongate especially ♂; mr of 6 on 3 sg; mr of 8 on 4 sg.

Brachymeropsis sumatrensis (n. sp.): BL, $6\frac{1}{2}$ to 8 mm; wl, $5\frac{1}{2}$ to 7 mm. 3 ♂ & 2 ♀, 1 ♂, Fort de Kock, 1925; others Gunung Singgalang, 1 ♂ 1600 meters, August 1925, & rest 1800 meters, July 1925.

H silvery-white; frl black; an more or less dusky-rufous basally, 3 an shading to blackish on terminal $\frac{1}{2}$ to $\frac{2}{3}$; plp rufous; pleura & prsc silvery, latter with 4 black thv, the inner pr linelike; psc appearing to have 3 heavy black thv, the middle one 2x as wide as the others; sc black; ab black on wide mv, posterior $\frac{1}{2}$ to $\frac{2}{3}$ of 3 sg & all of 4 sg, rest yellow, basal $\frac{1}{2}$ or so of 3 sg silvery pol; l black; w yellowish on costa & along veins; sq whitish, tinged with yellow.

This can scarcely be *Chaetomyiobia javana* BB, since the ♂ of that species is said by BB to have pfr. If this was a mistake for ♀, then we still have the discrepancies of 2 st, M 1 wavy or sin, cb somewhat V-like, none of which applies.

Aphrimyobia n. gen. (Genotype, *Aphrimyobia simillima* n. sp.)

Differs from *Brachymeropsis* as follows: Frp rather longer than fcp, & more strongly sloped; fel much wider below than pfel; 2 an quite short; 3 an fully 4x 2 an ♀; ar tomentose; vr ♀ $\frac{1}{6}$ hw, fr at ba $\frac{1}{8}$ hw, fc in middle $\frac{3}{7}$ hw; rfr 3 ♀; ocs rather strong; frl nearly eql; pfel nearly eql; ch $\frac{1}{7}$ el; pra 3, pa 3; ls 3, middle 1 short; aps small & dec, ds 1 short; prsc distinctly shorter than psc; w considerably longer than b; 5 R ending considerably before wt; cb $\frac{1}{6}$ ww from hwm; M 1 nearly

straight; M 3 about its length from cb; mr of 8 strong on 3 sg; mr of 14 strong on 4 sg, & short erect brs over disk.

Aphrimyobia simillima (n. sp.): Bl, 9 mm; wl, $8\frac{1}{2}$ mm. 1 ♀, Fort de Kock, 1924.

The color description of *Brachymeropsis sumatrensis* applies quite faithfully to this species except the following points: Pollen of mse has a tawny hue, & sc is also pol; the tb are well tinged with rufous; w blackish on distal costal portion, & sq distinctly yellow.

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

Differs from *Cuphocera* as follows: Hs little over $\frac{1}{2}$ lh; plp completely absent, not even a sign of brs; rfro 3 ♀, usually 2 ♂, pfl with short yellow hairs; ls 3 long & 1 very short additional basal; aps strong, rather long, & strongly dec; R 5 bb; cb $\frac{2}{5}$ ww frow hwm; lsc C 1 not quite $\frac{1}{2}$ preceding.

Acuphocera sumatrensis (n. sp.): Bl, 12 to 14 mm; wl, 9 to 10 mm. 22 ♂ ♀, 11 from Fort de Kock & 11 from Gunung Singgalang, 1800 meters, 1925.

Differs from *Tachina javana* W. by much larger size; h pale yellowish, silvery pol; pflr darker, golden pol; pleura silvery-ashy; ♂ ab broadly ferruginous on sides, leaving on isgs only a mv of black dorsally & ventrally; ♀ ab with scarcely an indication of ferruginous on sides or vn, but 4 sg faintly tipped with that color.

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

Differs from *Servilliosis* as follows: Erect pile short, that of th, sc & 4 sg yellow; hs $\frac{1}{2}$ lh; plp scarcely length of an, bowed, cylindric & very slender, not flattened; ch $\frac{3}{4}$ el; st 2, pa 3; aps quite long, convergent to dec; no stp at cb.

Servilliodes sumatrensis (n. sp.): Bl, 10 to 14 mm; wl, 8 to 11 mm. 45 ♂ & 22 ♀, Gunung Singgalang, 1800 meters, July 1925.

H silvery-gray; pfl, ch & outer-anterior part of pflr faintly brassy, rest of pflr blackish; frl brown; an black; plp yellow; beard brassy; th greenish-black, thinly brassy pol, 4 narrow dark thv faintly defined, tuft of brassy pile on pleura; sc brownish-yellow; ab brownish-black, subshining, faintly reddish-fulvous on sides of isgs ♂; l yellowish, f blackish, w faintly yellowish at base, rest faintly infusate; sq faintly infusate.

Eristaliomyia n. gen. (Genotype, *Eristaliomyia nitidifrons* n. sp.)

Differs from *Hystriomyia* as follows: Plp length of 2 an, slender, subfiliform, not thk at tip ♀; 2 an very elongate; 3 an ♀ slightly shorter than 2 an, widening a little to a subtruncate tip; vr ♀ fully $\frac{1}{8}$ hw, fr widening to $\frac{1}{2}$ hw at ba & quite as wide in middle as long; pfl eql, $\frac{1}{2}$ cw, yellow-pilose, but little oblique to epl; th as wide as h, not

as wide as ab, with black mach, not yellow-pilose; st 1, pi 2, ps 3, pra 3, pa 3, ls 2; 1 short, with only black brs; ab with very short black spines, only bases of last 3 sgs with short yellow pile; 2 to 3 mm on 1 sg, 2 mm & 1 md on 2 sg, mr of 12 & 1 md on 3 sg, mr & dr on 4 sg.

Eristaliomyia nitidifrons (n. sp.): Bl, 12 to 13 mm; wl, 9 to 9½ mm. 2 ♀, Fort de Kock, 1925.

H silvery-gray; pfcf & ch faintly brassy; pfrl polished black; frl brown; 3 an dark brown, 2 an & ar brownish-rufous; plp fulvous; beard gray; th shining greenish-brown to cupreous-brown, pleura brassy pol, 4 narrow dark thv scarcely perceptible; sc. pale straw-yellow; ab shining blackish; bases of last 3 sgs evenly pale yellowish pol & pilose, giving effect of the creamy incisures of *Eristalis*; rest of dorsum of isgs black-pilose, the pile very short; sides & venter with longer yellowish pile, dorsum of 4 sg showing yellow pile mixed with black; 1 rufous-brownish, f mostly fulvous; w faintly infusate on distal ½, clearer on basal ½, faintly yellowish on base; sq tawny watery-whitish.

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

Differs from *Eudoromyia* as follows: Pip very slender, subfiliform, as long as an, with bristlets near t'p below; 2 an elongate; 3 an ♀ about same length as 2 an; frr widely div anteriorly, extending scarcely below ba, 3 brs in the div part; rfro ♀ 1 strong & 2 weak; pfcf wide, short, fully ½ cw, black-hairy; st 2, pa 2 & small brs in front; ls 2, ds a bunch of curved brs; 5 R open well before wt; lsc C 1 over ⅓ preceding; 1 mm on 1 sg, 1 mm & short 2 d pr on 2 sg, mr of 18 on 3 sg; mr of 14 & dr of 12 on 4 sg.

Kurintjimyia jacobsoni (n. sp.): Bl, 9 mm; wl, 8 mm. 1 ♀, Kurintji Peak, August 1915.

H thinly tawny-gray pol, pfrl showing greenish-black through the pollen; frl & an rufous, 3 an brownish on terminal ½ or so; plp pale yellowish-rufous; beard whitish; th blackish, 2 narrow thv showing before ts; pleura tawny-gray pol, with some whitish pile; sc testaceous; ab blackish, bases of last 3 sgs rufous-yellowish & thiuly grayish pol, the yellowish of 2 sg broadly interrupted on ml above, 1st 2 sgs wholly yellowish on vn; 1 yellowish-rufous, ff blackish; w faintly infusate, yellowish on costal & basal cells; sq glassy, tinged with tawny-rufous.

Named in honor of Mr. Edward Jacobson, who has turned up a wealth of interesting forms during his many years of collecting in Sumatra.

Addenda & Corrigenda to page 29:

1.) Enlarged description of *Calotheresia* (n. gen.).

Genotype, *Calotheresia sumatrensis* (n. sp.): B narrow & rather elongate; 3 an 3x 2 an, slender peglike, tapered to pointed tip; ar rather

thickly long-pl; frl only slightly narrowed posteriorly ♀; ps 3, pra 1 or none, pa 1 or 2, ds 1; cs strong; 5R open little over 2x its mouth-width before wt; cb very near hwm; l long, t elongate & slender, ♂ ft $1\frac{1}{2}$ x ftb; mm on 1 sg, at least in ♂; 2 md on isgs ♂, irregular dr on 4 sg ♂; no md on any sg ♀; otherwise mainly as in *Gymnodexia*.

2.) *Eomyoceropsis sumatrensis* (n. sp.) is the ♂ of *Calothesia sumatrensis* (n. sp.).

3.) Enlarged description of *Eomyoceropsis* (n. gen.).

Genotype, *Eomyoceropsis longipennis* (n. sp.): Differs from *Eomyocera* TT mainly as follows: Ocs 2 long prel pr; vx equal to anx; pra 1 strong, pa 2 strong; ♂ w long & narrow, no wider at base than on middle; l very long, all ♂ t extremely long especially ft, latter fully 2x ftb; 1 mm on 1 sg; normally 3 md on 2 sg ♂; cb $\frac{1}{7}$ ww from hwm; short strong stp at cb.

Abbreviations of Muscoid Characters.

In future all muscoid descriptions and synopses published by the author will be abbreviated according to the following list:

| | |
|---------------------------------|---|
| a (acrostichals) | bl (length of body) |
| aa (acute angle) | bis (basal lateral scutellar bristle) |
| ab (abdomen) | br (bristle) |
| abl (length of abdomen) | brs (two or more bristles) |
| af (anal forceps of male) | brst (bristled) |
| an (antennae) | |
| 1 an (first antennal joint) | c (clypeus) |
| 2 an (second antennal joint) | cb (cubitus) |
| 3 an (third antennal joint) | ch (cheeks) |
| anf (antennal fossae) | chg (cheek grooves) |
| ang (angular) | cil (ciliate or cilia) |
| anx (antennal axis) | cl (length of clypeus) |
| aps (apical scutellar bristles) | cls (claws) |
| ar (arista) | col (coloration) |
| 1 ar (first aristal joint) | cpl (clypeal plane) |
| 2 ar (second aristal joint) | cplt (clypeal plate) |
| 3 ar (third aristal joint) | cs costal spine) |
| arc (arcuate) | cw (width of clypeus) |
| arl (aristal level) | cx (coxae) |
| | d (discal bristles of abdominal segments) |
| b (body) | dec (decussate) |
| ba (base of antennae) | div (divaricate) |
| banjs (basal antennal joints) | dr (discal row of bristles) |
| barjs (basal aristal joints) | ds (discal scutellar bristles) |
| bb (bristled only at base) | e (eyes) |
| bjs (basal joints) | el (eye length) |

- em (eye middle)
ep (epistoma)
epl (length of epistoma)
epl (epistomal plane)
epw (width of epistoma)
eq (equal to, equals or equalling)
eql (equilateral)
ew (width of eye)
- f (femora)
fc (face)
fcc (facial carina)
fel (facialia)
fcls (front claws)
felw (width of facialia)
fco (facio-orbitals)
fcorp (facio-oral profile)
fcp (facial profile)
few (width of face)
fcx (front coxae)
ff (front femora)
fjs (following joints)
fls (flowers)
fp (facial plate)
fmtt (front metatarsi)
fr (front)
frfop (fronto-facial profile)
frl (frontalia)
frll (length of frontalia)
frlw (width of frontalia)
fro (fronto-orbitals)
frp (frontal profile)
frr (frontal row or rows)
frs (frontal bristles)
frw (width of front)
fst (front sternopleural bristle)
ft (front tarsi)
ftb (front tibiae)
fwm (front margin of wing)
- gen (geniculate)
gno (geno-orbitals)
- h (head)
hf (hind femora)
hh (head height)
hl (length of head)
hls (hind lateral scutellar bristle)
hm (humeral bristles)
hmtt (metatarsi)
- hp (head profile)
hph (hind posthumeral bristle)
hpl (hypopleural bristles)
hs (haustellum)
ht (hind tarsi)
htb (hind tibiae)
hthsp (hind thoracic spiracle)
hw (head width)
hwm (hind margin of wing)
hy (hypopygium)
hyp (hypopygial profile)
hysg (hypopygial segment)
1 hysg (first hypopygial segment)
2 hysg (second hypopygial segment)
- ia (intra-alar bristles)
isgs (intermediate segments of abdomen)
i vrs (inner vertical bristles)
- j (joint)
js (joints)
- l (legs)
la (lateral anterior bristles of abdominal segments)
lb (labella)
lbh (lower border of head, being lowest portion of oral profile)
ld (lateral discal bristles of abdominal segments)
lf (front legs)
lh (hind legs)
lm (middle legs)
ln (lunula)
ls (lateral scutellar bristles)
lsc (last section)
ltj (last tarsal joint)
lx (longitudinal axis)
- ma (median anterior bristles of abdominal segments)
mach (macrochaetae)
md (median discals)
mf (middle femora)
mich (microchaetae)
ml (median line)
mls (middle lateral scutellars)
mm (median marginals)
mmtt (middle metatarsi)

- moml (median oral margin level)
 mr (marginal row of bristles)
 msc (mesoscutum)
 msp (mesopleural-spiracular or stig-
 matic bristle)
 mt (middle tarsi)
 mtb (middle tibiae)
 mtt (metatarsi)
 mv (median vitta)
- oa (obtuse angle)
 oc (ocelli)
 ocar (occipital area)
 occ (occiput)
 oces (occipitocentral bristles)
 ocp (occipital profile)
 ocpl (occipital plane)
 ocs (ocellar bristles)
 oct (ocellar triangle)
 om (oral margin of epistoma)
 omb (oral membrane)
 oml (oral margin level)
 orp (oral profile)
 ovrs (outer vertical bristles)
- p (proboscis)
 pa (postacrostichal bristles)
 pal (postalar bristles)
 pb (pubescent)
 pc (pectinate)
 pcr (piercer of female, sharply pointed)
 pet (petiolate)
 pfel (parafacialia)
 pfcpl (parafacial plane)
 pfew (width of one parafacial)
 pfrl (parafrontalia)
 pfro (proclinate fronto-orbital bristles)
 pfrpl (parafrontal plane)
 pfrw (width of one parafrontal in middle)
 ph (posthumeral bristles)
 pi (postintra-alar bristles)
 pl (plumose)
 plp (palpi)
 pol (pollinose)
 pp (propleural bristles)
 pr (pair)
 pra (preacrostichal bristles)
 praps (preapical scutellar bristles)
 procl (proclinate)
- pri (preintra-alar bristles)
 prs (presutural dorsocentral bristles)
 prsa (presupra-alar bristles)
 prsc (prescutum)
 ps (postsutural dorsocentral bristles)
 psa (postsupra-alar bristles)
 psc (postscutum)
 psl (peristomalia)
 pst (prosternal bristles)
 pstmb (prosternal membrane)
 pstn (prosternum)
 pt (ptilinum)
 ptl (pteropleural bristles)
 pts (ptilinal suture)
 pvrs (postvertical bristles)
- ra (right angle)
 rcl (reclinate)
 rfro (reclinate fronto-orbital bristles)
 rm (remigium)
- sc (scutellum)
 sep (separated)
 1 sg (first abdominal segment)
 2 sg (second abdominal segment)
 3 sg (third abdominal segment)
 4 sg (fourth abdominal or anal segment)
 sgs (abdominal segments)
 sin (sinuate)
 sq (squamae)
 sql (squamulae)
 st (sternopleural bristles)
 stn (sternite)
 1 stn (first sternite)
 2 stn (second sternite)
 3 stn (third sternite)
 4 stn (fourth sternite)
 stn V (fifth sternite)
 stn X (tenth sternite)
 stns (sternites)
 stp (stump of vein)
- t (tarsi)
 tb (tibiae)
 tg (tergite)
 1 tg (first tergite)
 2 tg (second tergite)
 3 tg (third tergite)
 4 tg (fourth tergite)

| | |
|--------------------------------------|--|
| tgs (tergites) | wb (wing base or bases) |
| th (thorax) | wl (length of wing) |
| thk (thickened) | vm (wing margin) |
| thl (length of thorax) | wp (wing pattern) |
| thv (thoracic vittae) | wr (wrinkle) |
| thw (width of thorax) | wt (wingtip) |
| tr (trochanters) | wv (wing veins) |
| ts (transverse suture of thorax) | ww (width of wing) |
| v (vibrissae) | x (times — multiplication sign) |
| va (vibrissal angles) | & (and) |
| vap (vibrissal angle profile) | |
| var (vibrissal area) | (Capital letters) |
| vl (vibrissal level) | C 1 (first cubital or fifth vein) |
| vn (venter) | M 1 (first medial or apical crossvein) |
| vnc (ventral carina of female) | M 2 (second medial or fourth vein) |
| vr (vertex) | M 3 (third medial or hind crossvein) |
| vrs (vertical bristles) | |
| vrw (width of vertex) | R 1 (first radial or first vein) |
| vx (vibrissal axis) | R 5 (fifth radial or third vein) |
| w (wings — when used alone) | 5 R (fifth radial or apical cell) |
| w (way — when used after a fraction) | R 6 (sixth radial or small crossvein) |

Fauna sumatrensis.

(Beitrag Nr. 26).

Drosophilidae (Dipt.).

Von Medizinalrat Dr. Oswald Duda, Habelschwerdt.

(Mit 23 Figuren).

Anfang Januar 1926 erhielt ich von Herrn Edward Jacobson aus Fort de Kock 484, Mitte 1926 weitere 84 von ihm daselbst neu gesammelte und genadelte Drosophiliden, außerdem eine Schachtel lose zwischen Papier verpackter, getrockneter, ungenadelter Tiere, die meist zu den Drosophiliden gehörten. Letztere, von denen ich 870 Exemplare nadelte, waren leider fast durchwegs stark beschädigt und konnten nur dazu dienen, die Häufigkeit und Variabilität gewisser Arten besser zu beurteilen. Ich fand in dem gesamten Material 63 verschiedene Arten, von denen 18 von mir als neu beschrieben wurden. Herr de Meijère hat 1918 in seinen „Studien über südasiatische Dipteren XIV“ S. 341 bis 345 nur folgende sechs Arten aufgeführt, die teils nur auf Sumatra, teils auch andernorts gefunden wurden: *Drosophila repleta* Woll., *D. hypocausta* O. S., *D. ananassae* Dol., *D. brunnea* de Meij., *D. maura* de Meij. und *Stegana obscuricornis* de Meij.; die von ihm noch genannte *Apsinota pictiventris* v. d. Wulp gehört zu den *Diastatidae*; *Camilla flavipes* de Meij. würde als *Camilla* zu den *Camillidae* gehören, ist aber in Ermangelung einer Beschreibung nicht zu beurteilen. Ich selbst habe