

più radi sul torace. Alcune corte strie si scorgo o ai lati interni delle lamine frontali Gli occhi sono composti di 10 o 12 faccette, a seconda della statura dell'esemplare, e nel loro massimo diametro si contano sino a 6 faccette poste in serie. — Lung. mm 1,6—2. (Schluß folgt.)

New muscoid flies in the collection of the Deutsches Entomologisches Institut in Berlin.

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

This is the first of a series of papers which will give results of the study of rather extensive muscoid material sent me by Dr. Walther Horn, belonging to the collection of the Deutsches Entomologisches Institut.

Palpostomotrixa gen. nov. (Genotype, *Palpostomotrixa paradoxa* sp. nov.)

Differs from *Therobia* as follows: Ep as long as c, distinctly though only a little narrowed from c, receding below v; fel normal width, with single row of setae outside the vibrissal row; p short, lb large & with distinct palpuslike prolongations which are slender & nearly length of 3an; plp stout, clavate, length of an; vr ♀ width of oct, fr narrowed on posterior $\frac{1}{2}$ to $\frac{1}{2}$ oct & then widening to 3x oct at ba; ♀ lacking both pfr & rfr; frl pinched out on posterior $\frac{1}{2}$; 3 oc present; ocs microscopic, prel & approximated; pfl narrow & eql, with a single row of setae whole length; pstmb not inflated; 2 ps, no pra. 1 pa; 3 long ls, lls dec; aps very fine & div; 5R open in wt; M1 long, faintly arc; hy ♀ terminating in small hairy tubercle like *Bengalia*.

Palpostomotrixa paradoxa (sp. nov.): Bl, 7 mm; wl, 6.5 mm. 1 ♀, Colombo, Ceylon (Dr. W. Horn).

H yellowish-tawny, ocs ashy to grayish; frl reddish-brown; an & plp reddish-yellow; th grayish-tawny to yellowish, 4 dusky-brown thv, inner pr narrower; ab reddish-yellow, thinly pol, incisures dusky, mv blackish; l reddish-yellow to yellowish, t appearing darker from vestiture; w faintly yellow on costobasal portion & wv; sq yellowish.

Actinochaetopteryx gen. nov. (Genotype, *Actinochaetopteryx actifera* sp. nov.)

Differs from all the other known *Acemyini* by ar moderately long-pl, the hairs of plumosity as long as width of 2an. Frp arc, rather over $1\frac{1}{2}$ x fcp; orp very short, strongly curved up to v; c nearly flush; ep full width, in cpl, a little prolonged below vl on sides; fel bare; v strong, dec, high above lbh; p $\frac{1}{2}$ hh; plp short, swollen, bare, length of 3an; 2an short; 3an ♂ $2\frac{1}{2}$ x 2an, narrow, rounded at tip; ar little longer than an, pl to tip; e bare; ♂ vr $\frac{1}{3}$ hw, fr eql; fc below $\frac{1}{2}$ hw;

frs stopping near ba, 5 in all, 2 in advance of frl; 2 vrs ♂, ivrs not dec; 2 to 3 pfrs ♂, 1 or 2 of them small; 1 rfrs ♂; frl strongly narrowed posteriorly; 2 pr small prel ocs; pfrl bare; pfl bare; ch $\frac{1}{6}$ el; 3 st, 2 pi, 3 ps, no pra, 1 pa & shorter in front, 2 ls, strong aps, no ds; cs very short; R1 brst nearly or quite to tip, terminating beyond R6; R5 brst to nearly opposite M3; 5R narrowly open just before wt; cb rounded, ca, not $\frac{1}{6}$ ww from hwm; M1 deeply bent in well before tip; no stp nor wr at cb; M3 straight, distinctly nearer R6; C1 brst on antepenultimate & penultimate sections, showing 6 to 7 hrs, lse $\frac{1}{3}$ preceding; sq rather small, not very wide, subround on inner corner; l not long; ♂ els short; ab subcylindric ♂, slightly tapered posteriorly, truncate at tip; no mm on 1sg; 1 strong erect mm pr on 2sg; mr of 6 on 3sg; mr of 8 strong erect on 4sg.

Actinochaetopteryx actifera (sp. nov.): Bl, 6 mm; wl, 4.5 mm, 1 ♂, Sokutsū, Formosa, June (H. Sauter).

H silvery-white; frl black; an pale buff-yellow; plp pale straw-color; occ black to blackish above; pleura more or less thickly silvery-white, humeri more deeply so; msc blackish, with narrow silvery hind border to prsc & wider one to psc; sc blackish on base, yellow on tip; ab yellow, with wide mv of polished black spreading over posterior $\frac{1}{2}$ of 3sg & all of 4sg, last 3sgs narrowly silvery-white on base; 1 pale buff-yellow, t appearing dusky from vestiture; w pale brassy-yellow; sq yellowish-white.

Dolichopodomintho gen. nov. (Genotype, *Dolichopodomintho dolichopiformis* sp. nov.)

Differs from *Oedemapeza* as follows: Ep wide, cut off short, not warped; ba well below em, an sep at base; 3an 2x 2an, little longer in ♂; ar short-pl to tip; pfl bare, narrowed below; no fco; ch ♀ $\frac{1}{3}$ el, little less in ♂; 2 st, 3 pi, 1 pra, no pa; 2 ls, bls weak, bls very long & strong; aps dec, eq bls; w with broken clouds like *Dolichopodidae*; R5 brst a little short of R6; 5R very long, long-pet, ending considerably before wt; 1 sg with 1 or 2 mm pr, 4sg with 2 strong md pr.

Dolichopodomintho dolichopiformis (sp. nov.): Bl, 5 to 5.5 mm; wl, 3.5 to 4 mm. 1 ♂ & 4 ♀, Kosempo & Kankan, Formosa, May to July (H. Sauter).

H brownish; frl black; pfrl & pfl thinly silvery; ♀ with a brown spot showing through pollen opposite ba, opposite oct, & $\frac{1}{2}$ w between the two; ♂ showing only the spot at ba; plp testaceous; occ black, lower occipital orbit silvery; pleura & ex very thinly silvery; prsc showing silvery between the 2 wide black elsewhere obsolete thv; sc blackish; ab brown to blackish-brown, basal $\frac{1}{2}$ of 1sgs very thinly silvery; l black

to blackish; f testaceous ♀, but only terminal $\frac{1}{2}$ of mf & hf testaceous ♂; w with broken smoky-blackish cloud on apical $\frac{1}{2}$, dusky costobasally; sq dilute smoky.

Asilidodexia gen. nov. (Genotype, *Asilidodexia asiliformis* sp. nov.)

Differs from *Pachygraphia* as follows: C not narrowed much below, cl over $1\frac{1}{2}$ x cw; ep well warped, faintly narrowed; vx nearly eq aux; p little over $\frac{1}{2}$ lh, hs a little longer than lb, latter large; ba on em, an not sep at base; o very oblique, descending a little short of vl; ♂ vr $\frac{2}{15}$ hw; vrs 1 ♂, not dec; frl hardly pfrw; pfl narrowed some below, not epw; ch $\frac{1}{3}$ el; 1 pi, 3 ls; unpp as in *Pachygraphia*, not developed; no cs; R5 brst $\frac{1}{3}$ w to R6; 5R widely open considerably before wt; cb ra, ang, fully $\frac{1}{4}$ ww from hwm; M3 very distinctly nearer cb; ♂ cls shorter than ltj; ♂ ab long-cylindric, much narrower than h & th, asilidlike; 1 mm on all 4sgs, 1 lm on 1st 3 sgs, 2 lm on 4sg.

Asilidodexia asiliformis (sp. nov.): Bl, 9.5 mm; wl, 6 mm. 1 ♂, Sta. Trinidad, Paraguay, August (Zürcher).

Grayish-ashy; frl brown; an & plp pale brownish-testaceous; 2 moderately wide eql brown thv, a fainter & slightly narrower one between them; ab with narrow eql well-defined brownish mv; hy, sides and vn of 4sg & lateral ends of tgs brownish-testaceous; 1 pale brownish-testaceous; w nearly clear; sq glassy-whitish.

Vespoxyptera gen. nov. (Genotype, *Vespoxyptera petiolata* sp. nov.)

Differs from *Ichneumonops* as follows: C flush, narrow, eql. cl nearly 3 x cw; ep $\frac{1}{3}$ as long as wide, full width, warped 20° out of the vertical, sprung subnasute; v long, dec, well above om; 2 or 3 very small pfr ♂, set well back; 2 small rfr; pfcw slightly over $\frac{1}{3}$ cw; ch nearly $\frac{1}{4}$ el; psc flattened; 2 st, 1 pi, 1 short pa; sc narrow; cb round ra, not $\frac{1}{6}$ ww from hwm; M1 nearly straight, faintly bent in at base; no stp at cb; ab sodabottle-shaped, bsg & front $\frac{1}{2}$ 1sg about $\frac{1}{2}$ width of 2sg on its hind border, 3sg eql & same width as hind border 2sg, 4sg narrowing roundly behind & 1 hysg ♂ helping to fill the even curve; ab at widest narrower than th, petiole same width as sc; 1 mm on 1st 3sgs, mr of 6 on 4sg.

Vespoxyptera petiolata (sp. nov.): Bl, 13 mm; wl, 10 mm. 1 ♂, Sokutsu, Formosa, September (H. Sauter).

H silvery, anterior aspect lightly brassy; frl black; an dark brown; th & sc lightly silvery; 4 black thv, inner pr narrower but not linelike; pleura & cx silvery-white; ab black, 1sg evenly yellow on sides & vn in middle, isgs silvery-white on base, 4sg almost wholly silvery; i black; w black on narrow costal border & following M1, yellow on basal cells, paler on rest; sq watery-translucent.

Formosolophosia gen. nov. (Genotype, *Formosolophosia hemydoides*
(sp. nov).

Differs from *Lophosia* as follows: C flush, rather narrow, cl 2x cw; v set a little below oml, dec; hs scarcely longer than the large lb; 2an rather elongate; 3an ♂ fully 3x 2an, widening considerably on middle & tip, rounded-truncate at tip; bars short; no pfr nor rfr ♂, though some specimens show 4 or 5 microsetae in place of former; pfl narrower than fel & pfl, slightly narrowing below; ch scarcely $\frac{1}{6}$ el; 1 st, 1 pi; 2 ps, at times a 3d visible; no pra nor pa; 5R widely open a little before wt; ♂ cls long.

Formosolophosia hemydoides (sp. nov.): Bl, 10 mm; wl, 8 mm. 10 ♂, Toa Tsui Kutsu, Formosa, May (H. Sauter).

H densely silvery-white pol, frl black, an & plp pale rufofulvous; th, sc & ab black, pleura & bases of isgs silvery-white; msc thinly silvery; 4 black thv, inner pr linelike; l black; w faintly smoky to yellow; sq nearly white.

Stylogynemyia gen. nov. (Genotype, *Stylogynemyia cylindrica* sp. nov.).

Differs from *Formosolophosia* as follows: H as wide as high; fip nearly flat, sloping, almost eq fcp; c distinctly sunken on lateral edges, extreme rim of ep faintly warped; fel below not pfew above, less than $\frac{1}{4}$ cw, distinctly oblique to cpl; vx little over $\frac{2}{3}$ anx; anx $\frac{3}{4}$ hh; 2an but little elongate; 3an ♀ $3\frac{1}{2}$ x 2an, narrow but widening some at the subtruncate tip; ar thk hardly over $\frac{1}{6}$ w; ♀ vr $\frac{2}{3}$ hw, fr gently widening to nearly $\frac{1}{3}$ hw at ba, fc in middle nearly $\frac{2}{3}$ hw, fc & fr in anterior view appearing roughly subequal width; 8 frs; no pfr ♀ other than trace in 2 microsetae; frl nearly eql, nearly $1\frac{1}{2}$ x pfrw; pfl nearly eql; pfl distinctly narrowed below, wider than fel reversed; ch over $\frac{1}{6}$ el; th not as wide as h, much wider than fel reversed; ch over $\frac{1}{6}$ el; th not as wide as h, much wider than ab; 4 ps, but front one very small; 5R very narrowly open considerably before wt; cb round oa, well over $\frac{1}{4}$ ww from hwm; M3 nearly its length from cb, steeper than M1; t stout & rather longer than fcb, f swollen; ab subcylindric, fully 2x thl, 2sg projected posteriorly below & narrowing to point on ml of vn near hind margin of 3sg, mach entirely wanting except 1 lm & 2 la on 1sg.

Stylogynemyia cylindrica (sp. nov.): Bl, 9 mm; wl, 7.5 mm. 1 ♀, Toa Tsui Kutsu, Formosa, May (H. Sauter).

H silvery pol, frl black; an & plp pale fulvous, 3an dusky in some lights; th, sc & ab black; pleura, humeri, sides of msc & bases of isgs silvery pol, rest of msc very thinly pol; 4 black thv, inner pr narrow outer wide & evenly defined; l black; w faintly smoky, vv of distal $\frac{1}{2}$ broadly smoky; sq smoky-glassy.

Chiloepalpus gen. nov. (Genotype, *Chiloepalpus aurifacies* sp. nov.).

Differs from *Epalpodes* as follows: Hs $\frac{2}{3}$ lh; plp represented by 1 bristlet each: 3 an ♀ eq 2 an, wide; frs 4 or 5 strong below ba, 4 behind ba, frr widely diverging anteriorly; pfl with thickly-placed nich next e & a few sparse on rest; 1 very strong fco, 1 strong but shorter below, & 1 weaker above; no true gno, but heavy brs on ocar of ch; 2 pra; 2 heavy long equal ls; R5 brst rather over $\frac{1}{2}$ w to R6, 5 lt open far before wt; cb ra, ang, nearly $\frac{1}{2}$ ww from hwm; 2 closely approximated mm spines on 2 sg; mr of 18 heavy spines on 3 sg; front edge of 4 sg bare, rest covered with spines in 2 dr with weak mr & submr.

Chiloepalpus aurifacies (sp. nov.): Bl, 14 mm; wl, 12 mm. 1 ♀, Concepcion, Chile, December 5 (P. Herbst).

H golden-yellow pol; frl & pfl black, thinly silvery; banjs bright fulvous, 3 an nearly all black; beard rust-yellow; th shining black, thinly silvery, 4 equal black thv; sc brownish-fulvous on broad upper margin; ab shining black, anal triangle of rufous yellow on 4 sg not reaching front border of sg; bases of sgs faintly irregularly silvery; 1 black; w nearly clear; sq nearly white.

Goniophyto gen. nov. (Genotype, *Goniophyto formosensis* sp. nov.).

Differs from *Brachicoma* as follows: C gently depressed, wide, somewhat dished, cl 2x cw; ep cut short, full width, warped in dish of c; fcl nearly straight, bare, flattened-cordlike; v on om, dec; vx $\frac{5}{8}$ anx, latter $\frac{5}{6}$ hh; 2 an elongate, ♂ 3 an 3x 2 an; ar pb, thk $\frac{1}{2}$ w & tapered, little longer than 3 an, both bjs elongate, 2 ar 2x 1 ar; e reaching nearly to vl; ♂ vw rather over $\frac{1}{3}$ hw; 2 frs below ba, 2 or 3 dec pr behind these; 2 short pfr ♂ & 1 long div rfr; pfl bare, a little narrowed below middle; ch nearly $\frac{1}{4}$ el; 2 strong st; 4 short pra, 1 longer than others; no pa; 1 very long ls; cs very strong, 3x R6; M3 about in middle, steep faintly crooked; sq very wide, rounded on both hind corners, greatly projected laterally outside border of sq1.

Goniophyto formosensis (sp. nov.): Bl, 7 mm; wl, 5 mm. 1 ♂, Anping, May (H. Sauter).

H silvery, pfl with faint suggestion of tawny on inner edge; frl & an blackish; plp light brown; th ashy; 3 subequal brownish thv, outer pr obscurely defined; ab blackish, broadly silvery on bases of sgs leaving an obscure brown trident on each of last 3 sgs; 1 brown, ff pol on outside; w clear; sq whitish.

Wagneriopsis gen. nov. (Genotype, *Wagneriopsis formosensis* sp. nov.).

Differs from *Eophyto* as follows: Frp flat, $\frac{2}{3}$ fcp, slightly sloped; c depressed, broad, narrowing upward, cl $1\frac{1}{2}$ x cw; ep cut short, full

width, rim scarcely warped; v well differentiated; 2an rather long ♀; 3an ♀ 3x 2an, narrow; ar thk rather over $\frac{1}{2}$ w, 2ar elongate; 2 vrs ♂♀; 1 rfr ♂♀; frl short, eql, over pfrw ♂, less than pfrw ♀; ocs small, pre-div; row of 8 to 10 brs on inner edge of pfl; unpp not developed; 1 suberect ls, being bls; cs not developed; R1 terminating a little before R6 ♂, far before R6 ♀; M1 & M3 straight; lsc C1 $\frac{1}{2}$ ♀ to $\frac{3}{5}$ ♂ preceding; no mm on 1st two sgs.

Wagneriopsis formosensis (sp. nov.): Bl, 3 to 3 $\frac{1}{2}$ mm; wl, 2 $\frac{1}{3}$ to 3 mm. 1 ♂ & 6 ♀, Hokuto, December; Anping, May; Kankan, Macu-yama, May-June (H. Sauter).

H black, pfl & spot on outer pfl opposite ba thinly silvery; rest of pfl shining; frl rich dark brown; an black, ♀ 2an yellow, ♂ 2an brownish; plp blackish; th thinly silvery, 4 obscure subequal brownish thv; ab blackish, shining, last 3 sgs narrowly silvery-white on each side at base; l blackish-brown; w clear; sq watery.

Halidayopsis gen. nov. (Genotype, *Halidayopsis formosensis* sp. nov.).

Differs from *Anaperistomomyia* as follows: Hp hemispheric, not flattened; frp over 1 $\frac{1}{2}$ x fcp; latter arc, receding; c very narrow, little wider than fel, cl nearly 3x cw; ep long, receding downward & widening below; anx $\frac{2}{3}$ hh; ba little below em; an sep at base; 3an 2 $\frac{1}{2}$ x 2an; e bare, reaching oml, not oblique; ♀ vrw less than $\frac{1}{8}$ lw, ♂ vrw $\frac{1}{5}$ lw; fc eql & same width as fr at ba; pfr 2 ♀, none ♂; 1 to 3 rfr ♂♀; ♀ frl rather over pfrw, ♂ over 4x pfrw; ch $\frac{1}{10}$ el; 2 st, pra & pa; cs strong; R1 brst $\frac{1}{3}$ w, R5 brst over $\frac{1}{2}$ w to R6; cb ra to slightly oa, nearly $\frac{1}{4}$ ww from hwm; M3 steep, a little crooked, its length from cb; C1 bare; sq small, subcircular, well rounded behind; ab long-ovate & quite narrowed.

Halidayopsis formosensis (sp. nov.): Bl, 7 to 8 mm; wl, 6 to 7 mm. 9 ♀ & 10 ♂, Kankau, September (H. Sauter).

H silvery-white ♀, orbits brassy ♂; frl blackish or dark brown; an blackish, base tinged with rufous; plp brown, with fulvous base; th silvery ♀, brassy ♂; 4 black thv, inner very narrow before ts, all sub-confluent into irregular rectangular black square behind ts; sc dark on base, rest silvery ♀ or brassy ♂; ♀ ab black, faintly rufous on sides, vn & tip, over basal $\frac{1}{2}$ isgs silvery-white & base 4sg faintly so; ♂ ab wholly fulvo-rufous, with brassy pollen on base isgs & very faintly showing on base 4sg; l black, f pal; w ♂ lightly infuscate, pale yellow on costobasal part & sq infuscate; w ♀ nearly clear & sq nearly white.

Arrhinodexia gen. nov. (Genotype, *Arrhinodexia atrata* sp. nov.)

Differs from *Uromedina* as follows: C only faintly depressed, sub-triangular, cl 1 $\frac{1}{3}$ x cw; anterior bevelled portion of orp as long as rest;

vx $\frac{2}{3}$ anx, latter $\frac{2}{3}$ hh; σ frl narrowed to line posteriorly, middle eq pfrw; pfl very narrow, narrowed below, eq fcl reversed; 1 short pa; prsc much shorter than psc; sc strongly flattened dorsally; 1 weak ds; R1 terminating a little beyond R6; M3 steep, straight; σ ab long-conic from above, appearing subcylindric in profile, $1\frac{1}{2}$ x th, 4 sg not caudate; 1 mm on 1 st 2 sgs, nr of 6 to 8 on last 2 sgs.

Arrhinoderia atrata (sp. nov.): Bl, 5 mm; wl, 5 mm. 2 σ , Tappani, April 7; Sokutsu, June (H. Sauter).

H silvery; fcl black; an black, with gray bloom; plp yellow; pleura humeri & prsc silvery; 4 black thv before ts, inner pr narrow; psc faintly pol & scarcely showing thv; sc black; ab blackish, at times obscurely reddish on sides of 1 st 2 sgs, last 3 sgs narrowly silvery on base; 1 brown; w dilute smoky; sq glassy-tawny.

Eophyllophila filipes (sp. nov.): Bl, 6 to $7\frac{1}{2}$ mm; wl, 5 to 6 mm. 1 σ , Sokutsu & Kosempo, May-June (H. Sauter).

Differs from *E. elegans* TT by 1 more slender, es much shorter, σ w not so wide in proportion to length, fr not so wide at ba, mouth of 5 R narrower, b distinctly more slender, & sq smoky-blackish.

Gynnamedoria gen. nov. (Genotype, *Gynnamedoria medinoides* sp. nov.)

Differs from *Medina* as follows: Frp lightly arc, $1\frac{1}{2}$ x fcp; el not 2 x cw; ep wide, distinctly elongated below vl; fcl flattened, only few brs next v; v above oml, dec; plp eq 3 an; ba rather below em; e reaching oml; 2 frs below ba; no pfr σ ; frl σ eql, well over 2 x pfrw; ch $\frac{1}{10}$ el; 3 st; 3 ls, mis short; no aps, 2 weak ds; es developed; sq large, long, widened behind, inner corner rounded; mtt eq fjs; σ ab conic, a little longer than th.

Gynnamedoria medinoides (sp. nov.): Bl, 5 to $6\frac{1}{2}$ mm; wl, $4\frac{1}{2}$ to 6 mm. 3 σ , Sokutsu, September 12 (H. Sauter).

H grayish-silvery, pfrl & upper occipital orbits brassy; frl black or dark brown; an & plp black; pleura pale brassy-silvery; masc bright gold pol; anterior $\frac{3}{10}$ psc & the 4 thv before ts soft black, thv confluent on front $\frac{1}{2}$ prsc, the outer heavier pr less strongly so; sc black, tip gold pol; ab soft black, 4 sg & irregular basal portions isgs including very narrow hind margins of 1 st 2 sgs gold pol; the black of isgs widest on ml & more extensive on 2 sg; 1 brownish-black; w faintly yellowish-infusate; sq pale yellowish-smoky.

Metopomintho gen. nov. (Genotype, *Metopomintho sauteri* sp. nov.)

Differs from *Leptomacquraria* as follows: Cl 2 x cw; fcl bare; ba well above em, an nearly reaching vl; 3 an 4 x 2 an; ar short, very long-pb to tip; e bare; σ vrw a little less than $\frac{1}{2}$ hw, fr nearly eql posteriorly but gradually widening to over $\frac{1}{2}$ hw at ba; frs stopping

at ba, about 7, frf nearly straight & close to frl; 2 pfr σ^7 & 1 div rfr; ch nearly $\frac{1}{3}$ el; 1 pl; no cs; R 1 bare, terminating opposite R 6, latter a little outside middle of 3 M; 5 R very widely open in exact wt; M 3 midway, very steep, faintly arc inward; mtt very long, eq fjs; σ als rather short; no md on 2 sg, 1 md on 4 sg.

Metopomitho sauteri (sp. nov.): Bl, 7 mm; wl, 6 mm. 1 σ , Hoozan, January 7 (H. Sauter).

H silvery, pfrl showing darker through pollen; frl brown; an light brown; plp fulvo-rufous; pleura silvery; msc & sc scarcely pol, dull greenish-black; ab black, shining, bases of isgs thinly silvery-whitish; 1 brown; w nearly clear; sq whitish.

Phasiodesia formosana (sp. nov.): Bl, $7\frac{1}{2}$ mm; wl, 7 mm. 1 σ , Toa Tsui Kutsu May (H. Sauter).

Differs from *P. flavida* TT by 3 strong st, lower 1 shorter; pollen of msc grayish, with hardly a golden tinge; ab & rest of b not so deeply colored.

Calotheresia formosensis (sp. nov.): Bl, σ 9 to 13, σ^7 11 to 16 mm; wl, σ $8\frac{1}{2}$ to 12, σ^7 9 to $12\frac{1}{2}$ mm. 22 σ^7 & 17 σ , Kankau, Toa Tsui Kutsu, Hoozan, Paroe, Suisharyo & Sokutsu (H. Sauter).

Differs from *C. sumatrensis* TT by its general larger size, more deeply golden pollen, generally heavier fec, black of thv not running along ts in σ , plp more deeply colored, & frl black; usually a distinct pr of pra, R 5 often brst $\frac{1}{4}$ w or so to R 6, & mm pr often well developed on 1 sg in σ .

Eocyptera gen. nov. (Genotype, *Eocyptera orientalis* sp. nov.).

Differs from *Ocypteroidea* as follows: Ep distinctly elongated below vi; v considerably above om, barely dec at tips; p scarcely hh; ar thk $\frac{1}{4}$ w, bjs very short; σ vrw less than $\frac{1}{4}$ hw; 2 vrs σ , ivrs not dec; no rfr σ ; 2 strong div-prel ocs; ch $\frac{1}{3}$ el; stalk of 5 R eq R 6 or little over & not bent up; cb little over $\frac{1}{4}$ ww from hwm, with stp.

Eocyptera orientalis (sp. nov.): Bl, 9 to 11 mm; wl, 7 to 9 mm. 5 σ , Sokutsu & Toa Tsui Kutsu, May & September (H. Sauter).

Fc & ch pale golden; pfrl silvery to ashy or dark according to lights; frl & an blackish-brown; ocs ashy; th subshining blackish, very thinly silvery; 4 black thv, inner pr narrow & showing only before ts; ab blackish or brown, rather shining, isgs narrowly silvery-whitish on base, 4 sg wholly silvery; 1 black; w smoky-blackish, a pale yellowish to subhyaline area in base & center of wing extending to stigma & including over proximal $\frac{1}{2}$ of 3 M, inner border broadly hyaline; sq watery-whitish.

Catapariprosopa gen. nov. (Genotype, *Catapariprosopa curvicauda* sp. nov.)

Differs from *Lophosia* as follows: Ep $\frac{1}{4}$ as long as wide, warped forward; v a little above om; plp very slender, filiform, not as long as 3 an & not thk at tip; σ 3 an rounded at tip, latter not wider than base; e nearly reaching vl; no pfr σ ; frl narrowed some posteriorly σ , 3 x pfrw; pfcf practically linelike; ch little over $\frac{1}{6}$ el; 3 ps; 2 st, pi, pra & pa; R 1 terminating little short of point opposite R 6; M 3 near middle; σ cls very long; σ ab subelliptic, rather longer than th; no mm on 1 sg, 1 mm on last 3 sgs.

Catapariprosopa curvicauda (sp. nov.): Bl, 7 mm; wl, 6 mm. 1 σ , Kankau, June (H. Saunter).

H silvery, pfrl dusky; occ widely black above; frl black; an blackish, faintly reddish on base; plp testaceous, black on tip; pleura & humeri silvery; a silvery line bordering hind edge of prsc & crossed by silvery ml, rest of msc with very faint bloom; sc reddish-brown; ab brownish-yellow, 4 sg blackish or brown, hy dark brown; 1 dark brown; w lightly yellowish-smoky; sq smoky-yellow.

Lophosiodes gen. nov. (Genotype, *Lophosiodes scutellatus* sp. nov.).

Differs from *Lophosia* & allies as follows: Ep cut very short, quite well warped in forward curve; p stout & short, ls little longer than the heavy lb; plp long, bowed, cylindric, scarcely thk at tip σ ; 3 an σ $\frac{1}{2}$ as wide as long, tip gently arc; barjs short; e reaching short of vl; no pfr σ ; frl faintly narrowed on middle σ , $1\frac{1}{2}$ x pfrw; ch less than $\frac{1}{4}$ el; no st nor pra; 1 pi & pa; 3 ps; sc subtruncate behind, subquadrangular, the hind margin but little shorter than basal margin; 5 R well open considerably before wt; σ cls very long; no mm on 1 sg, 1 mm short & weak on isgs, sparse nr short on 4 sg.

Lophosiodes scutellatus (sp. nov.): Bl, 10 mm; wl, 8 mm. 1 σ , Toa Tsui Kutsu, May 14 (H. Saunter).

H silvery-white, pfrl rather leaden especially posteriorly; frl brown; an honey-yellow on inside surface of 3 an, rest yellow-brown; plp fulvous on tip, rest brownish; pleura & humeri silvery; msc & sc very thinly silvery; 4 black thv, inner pr narrow; ab black, bases of isgs silvery in 2 broad irregular fasciae; hy fulvescent toward tip; 1 honey-yellow, tb straw-color, ex silvery, t blackish; w lightly infasate; sq translucent.

Ecatocyptera gen. nov. (Genotype, *Ecatocyptera evibrissata* sp. nov.).

Differs from *Penthosia* as follows: Hp nearly rectangular; frp flat, little sloped, as long as orp, shorter than fcp; latter straight, vertical, forming ra with orp; fel practically bare, with few microsetae $\frac{1}{8}$ w;

v entirely absent; vx eq anx; plp absent; 2 an long & narrow; 3 an ♀ $2\frac{1}{2}$ x 2 an, narrow & eql; ar bare, short, hardly longer than 3 an, thk not $\frac{1}{4}$ w; e very oblique, reaching nearly to vl; frs about 7 weak, stopping at ba; 2 vrs ♀, ivrs convergent, ovs short; 3 to 4 short pfro ♀; frl ♀ eql, broad, fully 2 x pfrw; pfl bare, eql, pfew eq cw; 2 st & pi; stalk of 5 R 2 x R 6; bsg very distinct above & hardly $\frac{1}{3}$ as long as 1 sg; 1 short erect mm on 1 sg; irregular nr of 6 on last 3 sgs.

Ecatocyptera cvibrissata (sp. nov.): Bl, 3 mm; wl, $5\frac{1}{3}$ mm. 1 ♀, Kankau, June (H. Sauter).

H silvery-white; frl yellow-brown; haujs & base 3 an pale fulvous, rest of 3 an black, ar pale yellowish; pleura & humeri silvery-white, dorsum th thinly silvery; 4 black thv before ts, inner pr lindlike & outer pr spotlike; ab blackish, fulvous on sides of 1 sg & bases of isgs, a thin silvery pollen on isgs at base; f fulvous, th brown or blackish, t blackish; w well infuscate in front of M 2, yellow in 3 M & all 3 basal cells, & clear behind C 1; sq nearly white.

Eupalpocyptera gen. nov. (Genotype, *Eupalpocyptera angusticauda* sp. nov.).

Differs from *Ocypteroidea* as follows: P short, hs little longer than the large 1 b; plp a little shorter than 3 an, somewhat swollen at tip; 2 an somewhat elongate; ♀ 3 an 3 x 2 an; ar thk nearly $\frac{1}{3}$ w, long, bare, bjs short; ♀ vrw $\frac{1}{4}$ hw; 1 strong pfro ♀; pfl narrow, eql; 2 to 3 short pra, 2 strong pa; 1 ls, bls absent; aps strong & dec; 5 R pet well before wt, stalk eq R 6 & in line with R 5; M 1 very gently arc inward; M 3 straight; no mm on last 2 sgs.

Eupalpocyptera angusticauda (sp. nov.): Bl, $10\frac{1}{2}$ mm; wl, 8 mm. 1 ♀, Sokutsu, June (W. Sauter).

H silvery-white, varying to salmon or yellow in oblique lights; pfl blackish in oblique view; frl blackish-brown; an brownish-yellow on inside, brown on outside, ar yellowish on thk part; plp brownish-yellow; th & sc very thinly silvery; 4 rather dim black thv, outer heavy & long, inner pr narrow, approximated to outer & confined to prsc; ab shining brownish-black, isgs broadly silvery on base; ly dark brown; 1 blackish-brown; w dilute yellowish-smoky, intensified on narrow costal border; sq glassy-whitish.

Zambesa formosensis (sp. nov.): Bl, 13 to $13\frac{1}{2}$ mm; wl, $9\frac{1}{2}$ to 10 mm. 5 ♂ & 6 ♀, Kankau, June-July (H. Sauter).

Differs from *Z. makilingensis* TT by much larger size, R 6 more or less beyond termination of S 2, no pra & at most only a very weak pa; 5 R well to narrowly open; no ds; ♂♀ vrw $\frac{3}{11}$ hw; posterior $\frac{1}{2}$ of 2 sg black, very narrow base of 3 sg yellow; ♂ with 2 pfro, 1 rfro, 2 vrs, & short cls; ♂♀ cls rather shorter than ltj.

Microphytomyptera gen. nov. (Genotype, *Microphytomyptera minuta* sp. nov.).

Differs from *Phytomyptera* as follows: An reaching to vl; e descending a little short of vl; ♂♀ vrw much over $\frac{1}{3}$ hw; 2 rfrö ♂♀; pfcf pinched to line below ♂, little wider ♀; ch $\frac{1}{3}$ el ♂♀; 3 ls; cs very distinct; no md on isgs.

Microphytomyptera minuta (n. sp.): Bl, $2\frac{1}{3}$ to $2\frac{3}{4}$ mm; wl, 2 mm. 1 ♂ & 3 ♀, Hokuto, December (H. Santer).

Black; h & th very thinly & faintly silvery pol, no thv; frl pale brownish; 2 an fulvous; plp yellowish; msc & sc with faint obscure greenish luster; ab deeper black, narrow front margin of isgs very faintly silvery; 1 blackish-brown; w clear, changing to iridescent; sq pale tawny.

Eugymnochaetopsis gen. nov. (Genotype, *Eugymnochaetopsis lateralis* sp. nov.).

Differs from *Gymnochaetopsis* as follows: Ep elongate & strongly warped; e nearly bare, extremely short-pilose; ♀ vrw $\frac{1}{6}$ hw; 1 strong rfrö ♀; oes small; 2 to 4 gno; 3 ls; 5 R rather narrowly open nearly length of stp of cb before wt; cb $\frac{1}{3}$ ww from hwm; M 3 rather over $\frac{1}{2}$ its length from cb; no md on 2 sg ♀.

Eugymnochaetopsis lateralis (sp. nov.): Bl, $7\frac{1}{2}$ mm; wl, $6\frac{1}{2}$ mm. 1 ♀, Toa Tsui Kutsu, May (H. Santer).

H silvery-whitish, pfrl showing dark ground-color by direct view; frl brown; an fulvo-rufous, 1 an, base 2 an & tip with upper edge 3 an blackish; ar blackish; plp yellowish; ep, humeri & se yellow beneath the pollen; pleura & humeri silvery, msc thinly silvery, 4 subequal black thv; ab shining black, forward $\frac{1}{2}$ broadly fulvous-yellowish on sides to lateral front margin of 3 sg, the black part very faintly silvery; 1 fulvous-yellowish, t blackish; w very dilute yellow on basocostal portions; sq watery-whitish.

Additional abbreviations of muscoid characters. — The following should be added to the list given in *Supplementa Entomologica*, XIV, 39-42.

bsg (basal or first actual abdominal segment)	(Capital letters)
fts (prothoracic spiracle)	3 M (discal cell)
ga (greater ampulla of epipleura)	R 3 (third radial or second vein)
hcx (hind coxae)	S 1 (first subcostal or humeral cross-vein)
htsv (valve of mesothoracic spiracle)	S 2 (second subcostal or auxiliary vein).
lbe (lower border of eye)	
pslr (peristomal row of bristles)	
umpp (upper section of median post-scutellar plate)	