



THE CATALOGUE OF THE JAPANESE TIPULIDAE, WITH
THE KEYS TO THE GENERA AND SUBGENERA (Diptera)
(VI) : LIMONIINAE, TRIBE ERIOPTERINI (1)

Ishida, Hiroshi

(Citation)

兵庫農科大学研究報告. 自然科学編, 4(2):27-34

(Issue Date)

1960

(Resource Type)

departmental bulletin paper

(Version)

Version of Record

(JaLCD0I)

<https://doi.org/10.24546/81006076>

(URL)

<https://hdl.handle.net/20.500.14094/81006076>



THE CATALOGUE OF THE JAPANESE TIPULIDAE,
WITH THE KEYS TO THE GENERA
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VI. LIMONIINAE, TRIBE ERIOPTERINI (1)

Hiroshi ISHIDA

List of Abbreviations (II)

AH :- Archiv für Hydrobiologie. Suppl.-Bd. IX. "Tropische Binnengewässer Band II"; AN :- Archiv für Naturgeschichte; CI :- Classification of Insects, Hokuryūkan, Tokyo; CIS :- Catalogus Insectorum Sinensium; DS :- Diptera Scandinaviae; JMM :- Journal of the Federated Malay States museums; KB :- Konchū Bunruigaku, Keiseisha-shoten, Tokyo; KPD :- Katalog der paläarktischen Dipteren; MPMM :- Miscellaneous Publications of the Museum of Zoology, University of Michigan; VZBG :- Verhandlungen der Zoologisch-botanischen Gesellschaft in Wien; WEZ :- Wiener entomologische Zeitung; ZA :- Zoologischer Anzeiger; 6000 :- 6000 Illustrated Insects of Japan-Empire, Tōkōshoin, Tokyo.
BIG. :- BIGOT; CURT. :- CURTIS; DALM. :- DALMAN; GOETG. :- GOETGHEBUER; HOFFM. :- HOFFMANNSEGG; KOL. :- KOLENATI; LUNDST. :- LUNDSTROEM; MERG. :- MERGERLE; PHIL. :- PHILIPPI; RIED. :- RIEDEL; SHIR. :- SHIRAKI; TOK. :- TOKUNAGA.
alt. :- altitude; ft. :- feet; * :- Original not seen; † :- According to Dr. C. P. ALEXANDER.

Tribe **ERIOPTERINI**

Eriopterini, BRUN.: FBI, 357, 436-40 (1912); ALEX.: PUNM, 44:491, 492 (1913); MCAS, 25:890, 901-2 (1919); PUNM, 58:392, 416 (1920) (with McATEE); MCAS, 38:794, 795, 908-11 (1920) [L; P]; FG, 43, 48-52 (1934); BCSS, 64:297, 424-6 (1942); PIERRE: FF, 8:69, 91-2 (1924); COE: HIBI, 22, 45-7 (1950).
Limnobiinae eriopteraeformis, O. S.; SCHIN.: FA, 2:xxvii, 535 (1864).
Eriopterina, O. S.: MD, 4:46-7, 135-8 (1869); BEZ, 31:191-2 (1887); SKUSE: PLSN, (2) 4: 799-800 (1890).
Eriopterinae, KERT.: KPD, 1:289 (1903); END.: TM, 17, 19-21 (1936); LACKS.: ANMW, 50:10 (1940); SHIR.: CI, 642, 643-4 (1954).
Chioneidae, ROND.: PDI, 1:38 (1856).
Chioneina, ROND.: PDI, 1:38, 189 (1856).
Limnobia anomala, part, O. S.: MD, 4:46, 100-1 (1869); BEZ, 31:183 (1887); SKUSE: PLSN, (2) 4:787-8 (1890).
Antochini, part, ALEX.: *Psyche, 20:40-1 (1913);

PUNM, 44:491 (1913); MCAS, 25:890, 897 (1919); PUNM, 58:392, 413-4 (1920) (with McATEE).
Antochinae, part, SHIR.: CI, 642 (1954).
Crypterini, part, PIERRE: FF, 8:69, 113 (1924).
Crypterinae, part, END.: TM, 17, 21 (1936); SHIR.: CI, 642 (1954).

Key to Genera and Subgenera

(Including Hexatomine genera without tibial spurs.)

1. Nearly apterous species, the wings reduced to microscopic structure that are smaller than the halteres. **Chionea**
Fully-winged species. 2
2. Wings with cell M_1 present. 3
Wings with cell M_1 lacking. 6
3. Apical cells of wing with macrotrichia.
.....(**Paradelphomyia (Oxyrhiza)**)
Cells of wing without macrotrichia. 4
4. Wings with $r-m$ distinctly beyond cell $1st\ M_2$ **Conosia**
Wings with $r-m$ at the beginning of, or over the middle of, the cell $1st\ M_2$, in the absence of cell $1st\ M_2$, at the base of cell M_2 5
5. Wings with R_{2+3+4} subequal to or longer than vein R_3 , cell R_3 thus being subequal to its petiole; vein R_2 at or before fork of R_{3+4}
..... **Neolimnophila**
Wings with R_{2+3+4} shorter than vein R_3 , cell R_3 being much longer than its petiole; R_2 far beyond fork of R_{2+3+4} **Cladura**
6. Two branches of R_s reach the wing-margin. ... 7
Three branches of R_s reach the wing-margin.14
7. Rostrum elongate, exceeding one-half the length of the entire body.
.....(**Elephantomyia (Elephantomyodes)**)
Rostrum short, or of moderate length only, not exceeding in length the remainder of head. 8
8. Wings with R_1 ending before midlength; anterior branch of R_s diverging strongly from posterior branch, arising at or close to $r-m$, straight and oblique **Styringomyia**
Wings with R_1 ending about opposite two-thirds their length; branches of R_s subparallel on basal half. 9

9. Wings with R_2 lacking; Sc short, Sc_1 ending opposite or before origin of R_s ; $m-cu$ at or before fork of M10
 Wings with R_2 present; Sc usually long, Sc_1 ending beyond origin of R_s ; $m-cu$ beyond fork of M11
10. Mid and hind coxae close together, meron small. **Gonomyia (Lipophleps, part)**
 Mid and hind coxae separated, meron large.
 **[Atarba (Atarbodes)]**
11. Wings with R_2 near tip of R_1 ; two or three branches of M reach the margin.
 **(Trentepohlia)**...12
 Wings with R_2 close to fork of R_s ; three branches of M reach the margin.13
12. Wings with cell *1st* M_2 open by atrophy of m and two distal sections of M_3 ; the outer medial veins, M_{1+2} and M_4Sg **Trentepohlia**, s. str.
 Wings with cell *1st* M_2 closed; three outer medial veins, M_{1+2} , M_3 , and M_4Sg **Mongoma**
13. Wings with cell *2nd* M_2 approximately rectangular at base; hind femora not clubbed.
 **Teucholabis (Teucholabis)**
 Wings with cell *2nd* M_2 pointed at base; hind femora distinctly clubbed towards tip.
 **Gymnastes (Paragymnastes)**
14. Wings with cell R_3 short, vein R_3 shorter than the petiole of cell R_315
 Wings with cell R_3 long, vein R_3 longer than the petiole of cell R_322
15. Wings with R_2 present.16
 Wings with R_2 lacking.19
16. Wings with R_2 at the end of R_s , in alignment with the other elements of the cord; $r-m$ obliterated by the long fusion of veins R_{4+5} and M_{1+2}**Teucholabis (Paratropesa)**
 Wings with R_2 its length or more beyond fork of R_s ; R_{2+3+4} subequal to or longer than R_2 ; $r-m$ distinct.17
17. Wings with R_s long and straight, exceeding the distal section of M_{1+2} ; tuberculate pits on cephalic portion of praescutum; trochanters elongate.**Rhabdomastix (Sacandaga, part)**
 Wings with R_s shorter, less than the distal section of M_{1+2} ; tuberculate pits removed from cephalic margin of praescutum, nearly in transverse alignment with the pseudosutural fovea; trochanters short.**(Erioptera, part)**...18
18. Wings with cell *1st* M_2 closed.
 Sg **Cheilotrichia**
 Wings with cell *1st* M_2 open by atrophy of mSg **Empeda**
19. Wings with Sc long, Sc_1 extending to near opposite or beyond midlength of R_s ; $m-cu$ at or beyond fork of M ; mid and hind coxae separated, meron large.
- **Rhabdomastix (Sacandaga, part)**
 Wings with Sc short, not extending beyond midlength of R_s ; if Sc is relatively long (Sg *Idiocera*), $m-cu$ lies more than its own length before fork of M ; mid and hind coxae close together, meron small.**(Gonomyia, part)**...20
20. Wings with cell R_3 very small, its extent along costal margin subequal to that of cell R_2 ; anterior arculus lacking.
 Sg **Lipophleps, part**
 Wings with cell R_3 large, its extent along costal margin much greater than that of cell R_221
21. Wings with $m-cu$ about its own length before fork of M ; anterior arculus present.
 Sg **Idiocera**
 Wings with $m-cu$ at or close to fork of M ; anterior arculus lacking.Sg **Gonomyia**, s. str.
22. Wings with distinct macrotrichia in outer cells.23
 Wings with the outer cells glabrous.27
23. Size very small (wing, 3 mm. or less); wings with R_s ending in cell R_3 , this cell thus being sessile, without element R_{2+3+4}
 **Tasiocera (Dasymolophilus)**
 Size larger (wing, 4 mm. or more); wings with R_s ending in cell R_4 , cell R_s being petiolate by the presence of a distinct element R_{2+3+4}24
24. Wings with Sc_2 close to tip of Sc_1 , the two veins thus being subequal in length or nearly so.**Gnophomyia, part**
 Wings with Sc_2 far removed from tip of Sc_1 , the latter vein long, subequal in length to R_s
 **(Ormosia)**...25
25. Wings with cell *1st* M_2 open by atrophy of mSg **Oreophila**
 Wings with cell *1st* M_2 closed or open by atrophy of the basal section of M_326
26. Postnotum glabrous; wings with cell *1st* M_2 closed.Sg **Scleroprocta**
 Postnotum with soft hairs; wings with cell *1st* M_2 closed or open.Sg **Ormosia**, s. str.
27. Wings with R_s ending in cell R_3 , there being no element R_{2+3+4}**Molophilus**
 Wings with R_s ending in cell R_4 , cell R_3 being petiolate by a distinct element R_{2+3+4} ; or R_4 in direct longitudinal alignment with R_s28
28. A supernumerary crossvein in cell R_3 of wing; vein *2nd* A strongly bisinuate.
 **Erioptera (Symplecta)**
 No supernumerary crossvein in cell R_3 ; vein *2nd* A straight or simply sinuous.29
29. Mid and hind coxae widely separated by a large "pot-bellied" meral region; wings with Sc_1 long, almost as long as, or exceeding one-

- half the length of R_s (**Erioptera**, part) ... 30
 Mid and hind coxae only slightly separated by the small meral region; wings with Sc_1 relatively short, not exceeding one-third the length of R_s 36
30. Antennae with very long verticils; wing with cell *1st M₂* closed; *m-cu* about two-thirds to fully its own length beyond fork of *M*.
 Sg **Hoploerioptera**
 Antennal verticils not conspicuously lengthened; wings with *m-cu* before or at fork of *M*. 31
31. Wings with R_{2+3} perpendicular at the end of R_s , bent at a right angle, at the bend with R_2 directed basad, thence angularly bent to joint R_1 ; R_4 and R_5 at the end of R_s , and R_4 in direct longitudinal alignment with R_5 ; basal section of R_5 in direct transverse alignment with R_{2+3} ; cell *1st M₂* open by atrophy of *m*; vein *2nd A* sinuous. Sg **Tasiocerodes**
 Wings with R_{2+3} out of perpendicular at the end of R_s ; R_4 not in direct longitudinal alignment with R_5 ; basal section of R_5 making an acute angle with R_{2+3+4} 32
32. Wings with vein *2nd A* arcuated; cell *1st M₂* open by atrophy of *m*. 33
 Wings with vein *2nd A* straight or essentially so; cell *1st M₂* closed or open; anal veins divergent, cell *1st A* being widest at margin. 34
33. Basal three or four segments of antennal flagellum united into a short, truncate-conical fusion segment, antennae thus with 12 or 13 segments; wings with cord beyond midlength; the distal fourth of vein *2nd A* being deflected slightly cephalad and not strongly constricting cell *1st A*. Sg **Meterioptera**
 Antennae normal, with 16 segments; wings with cord almost at midlength; the distal portion of vein *2nd A* being deflected strongly cephalad so cell *1st A* at midlength is usually as wide as, or wider than it is at margin.
 Sg **Erioptera**, s. str.
34. Wings with a more or less complete spur from the angulated basal section of vein M_3 jutting basad, into cell *1st M₂*, sometimes completely dividing the cell; cell *1st M₂* closed.
 Sg **Hoplolabis**
 Wings without such a spur. 35
35. Wings with cell *1st M₂* open by atrophy of *m*; ♂ hypopygium not inverted, with aedeagus simple. Sg **Arctocnopa**
 Wings with cell *1st M₂* closed (*Ilisia*) or open; ♂ hypopygium inverted (*Ilisia*) or not, with aedeagus bifid. Sg **Psiloconopa**
36. Wings with R_s in alignment with R_{2+3+4} ; R_{1+2} short, subequal to R_2 and less than one-

- half R_{2+3+4} ; Sc short, Sc_1 ending opposite fork of R_s and far before R_2 , Sc_1 and Sc_2 subequal in length; *m-cu* at or close to fork of *M*; ♂ hypopygium with interbasal structures conspicuously developed as blackened spines.
 **Lipsothrix**
 Wings with R_s in approximate alignment with R_5 ; R_{1+2} long, more than three times R_2 and exceeding R_{2+3+4} ; Sc long, Sc_1 ending opposite or shortly before R_2 , at or beyond midlength of R_{2+3+4} , Sc_1 much longer than Sc_2 ; *m-cu* some distance beyond fork of *M*; ♂ hypopygium without evident interbases.
 **Gnophomyia**, part

Genus **CONOSIA** WULP, 1880

- Conosia* WULP; *TE, 23:159; O. S.: BEZ, 31:206-7 (1887); SKUSE: PLSN, (2)4:835-7 (1890); KERT.: KPD, 1:302 (1903); BRUN.: FBI, 439, 496-7 (1912); RIM, 17:248 (1920); WU: CIS, 5:48-9 (1940).
 Type: *Limnobia irrorata* WIED.
- C. irrorata** (WIED., 1828): *Aussereur, Zweifl. Ins., 1:574 [*Limnobia*], t: Java; WULP: *TE, 23:159-61, X:5-7 (1880); O. S.: BEZ, 31:206-7 [*Limnobia*] (1887); SKUSE: PLSN, (2)4:837-8, XXIV:60 (mouth parts); 61 (a); 62 (h) (1890); KERT.: KPD, 1:302 (1903); EDW.: AM, (8)8:64 (1911); AM, (8)18:253 (1916); BRUN.: RIM, 6:283 (1911); FBI, 497-9, f. 43 (lateral view of head & thorax); X:5 (w) (1912); RIM, 17:248 (1920); ALEX.: CE, 45:293, III:13 (w) (1913); Proc. Hawai. ent. Soc., 5:259 (1923); PJS, 24:594 (1924); PJS, 33:305, II:16 (w) (1927); AH, 180 (1931); PLSN, 61:329 (1936); PJS, 61:114 (1936); NEC, 4:87 (1937); TSES, 3:82 (1953); Mushi, 27:29 (1954); RIED.: AN, 82A:113 (1917); BEZZI: PJS, (D) 12: 114 (1917); ESAKI: IJ, 204, f. 398 (♀) (1932); IJ, ed. 2, 1525, f. 4376 (♀) (1950); WU: CIS, 5:48-9 (1940); SHIR.: CI, 644 (1954).
substituta (WALK., 1848): *List Dipt. Brit. Mus., 1:39 [*Limnobia*], t: China; Coq.: PUNM, 21:303-4 (1898); MATS.: KB, 2:63-4 (1915).
crux (DOL., 1857): *Nat. Tijds. Ned. Ind., 14:388, IV:3 [*Limnophila*].
 ssp. **irrorata** (WIED., 1828)
 Dist: JAPAN (Hokkaido; Honshu; Shikoku; Kyushu); KOREA; FORMOSA; CHINA; S. ASIA; NEW GUINEA; E. AUSTRALIA; PALESTINE; AFRICA.
 Nom. Jap.: *Sedaka-gagambo* (ESAKI); *Mitsuboshi-gagambo-damashi* (MATS.).
- Genus **CLADURA** O. S., 1860
Cladura O. S.: *PAP, 1859:229; MD, 4:46, 187-8 (1869); BEZ, 31:205-6 (1887); Coq.: PUNM, 37: 524 (1910); BRUN.: RIM, 6:283 (1911); FBI, 439, 499-500 (1912); RIM, 15:319 (1918); RIM, 17:

- 248 (1920); ALEX.: PUNM, 44:492 (1913); MCAS, 25:901, 903-4 (1919); PUNM, 58:416 (1920) (with McATEE); MCAS, 38:947-8 (1920); FG, 49 (1934) [k]; BCSS, 64:424, 426 (1942) [k]; PJS, 83:293-4 (1954); PJS, 86:304 (1958).
- Type: *Cladura flavoferruginea* O. S.
- Subgenus **CLADURA**, s. str.
- C. (C.) alpicola** ALEX., 1929: PJS, 40:341-2, I:17 (w); III:38 (h) (No Sg), t: Yarigatake, Japanese Alps; Tsubakuro, Japanese Alps (♂); AESA, 40:360 (No Sg) (1947) [n]; BBES, 50:18 (1955).
ssp. **alpicola** ALEX., 1929
Dist: JAPAN (Honshu).
ssp. **setuliloba** ALEX., 1947: AESA, 40:360 (No Sg) (*alpicola*, ssp.), t: Mt. Myotaka (♂).
Dist: JAPAN (Honshu).
- C. (C.) autumnna** ALEX., 1920: IIM, 8:137-8 (No Sg), t: Meguro, Tokyo (♂♀); PJS, 31:370, II:9-10 (h) (No Sg) (1926); PJS, 82:71 (1953); PJS, 86:305, V:31 (h) (1958).
Dist: JAPAN (Honshu).
- C. (C.) babai** ALEX., 1955: BBES, 50:18-9, t: Kurokawa, Echigo; Mt. Chokai, Uzen, alt. 600 m.; Morioka, Rikuchiu (♂); PJS, 86:305-6, V:32 (h) (1958).
Dist: JAPAN (Honshu).
- C. (C.) bicornuta** ALEX., 1955: AESA, 48:373, t: Shirahone-onsen, Shinano, alt. 1,500 m.; Mt. Norikura, near Reisen-goya, Shinano, alt. 2,400 m. (♂♀); PJS, 86:306-7, V:34 (h) (1958).
Dist: JAPAN (Honshu).
- C. (C.) bidens** ALEX., 1926: PJS, 31:369-70, II:6, 8 (h) (No Sg), t: Maruyama, near Sapporo, Ishikari (♂♀); PJS, 86:306, V:33 (h) (1958).
Dist: JAPAN (Hokkaido; Honshu).
- C. (C.) brevifila** ALEX., 1958: PJS, 86:307-8, V:30 (w); 35 (h), t: Mt. Tanigawa (as Tanigawad), Kotsuke, alt. 800 m. (♂♀).
Dist: JAPAN (Honshu).
- C. (C.) daimio** ALEX., 1947: AESA, 40:359-60 (No Sg), t: Morioka (♂♀); BBES, 50:19 (1955); PJS, 86:308, V:36 (h) (1958).
Dist: JAPAN (Honshu).
- C. (C.) decem-notata** ALEX., 1924: AESA, 17:436-7 (No Sg), t: Aburayama, Chikuzen; Mt. Kirishima, on boundary between Osumi and Hiuga, alt. 3,250 ft. (♀); AESA, 40:361 (No Sg) (1947) [n]; PJS, 82:69, II:27 (h) (1953).
Dist: JAPAN (Shikoku; Kyushu).
- C. (C.) fuscivena** ALEX., 1955: AESA, 48:372-3, t: Sugadaira, Shinano (♀).
Dist: JAPAN (Honshu).
- C. (C.) hakonensis** ALEX., 1947: AESA, 40:362-3 (No Sg), t: Gora, Hakone District (♀); PJS, 83:294 [s. str.] (1954); PJS, 86:308-9, V:37 (h) (1958).
ssp. **hakonensis** ALEX., 1947
Dist: JAPAN (Honshu).
- ssp. **porrecta** ALEX., 1954: PJS, 83:294-5, IV:39 (h) (*hakonensis*, ssp.), t: Omogo Valley, Iyo; Mominoki, Mt. Saragamine, alt. 700 to 800 m.; Mt. Takanawa, alt. 900 m. (♂♀).
Dist: JAPAN (Shikoku).
- C. (C.) itoi** ALEX., 1955: BBES, 50:19-20, t: Sigakōgen, Shinano, alt. 1,600 m. (♂); PJS, 85:366, II:19 (h) (1957).
Dist: JAPAN (Honshu).
- C. (C.) japonica** (ALEX., 1918): AESA, 11:448 [*Crypteria*], t: No specific data, but possibly Kioto (♀); EM, 3:125 [*Crypteria*] (1919); IIM, 8:137-8 (No Sg) (1920) [n]; PJS, 86:309 (1958) [n].
Dist: JAPAN (Honshu).
- C. (C.) machidella** ALEX., 1934: PJS, 55:50-1, I:19 (w), t: Mt. Hiei, Kyoto (♀); PJS, 83:295-6, IV:40 (h) (1954) (♂, allotype: Omogo Valley, Iyo); PJS, 86:309 (1958) [n].
Dist: JAPAN (Honshu; Shikoku).
- C. (C.) megacauda** ALEX., 1926: PJS, 31:370-1, I:7 (w); II:4-5 (h) (No Sg), t: Sapporo, Ishikari (♂); AESA, 40:360 (No Sg) (1947) [n]; BBES, 50:20-1 (1955).
Dist: JAPAN (Hokkaido; Honshu).
- C. (C.) microphallus** ALEX., 1954: PJS, 83:296-7, IV:34 (w); 41 (h), t: Omogo Valley, Iyo; Mominoki, Mt. Saragamine, alt. 700 to 800 m.; Mt. Takanawa, alt. 950 m. (♂).
Dist: JAPAN (Shikoku).
- C. (C.) monacantha** ALEX., 1947: AESA, 40:363-4 (No Sg), t: Tottori Pref. (♂); PJS, 86:310, V:38 (h) (1958).
ssp. **monacantha** ALEX., 1947
Dist: JAPAN (Honshu).
ssp. **fimbriata** ALEX., 1947: AESA, 40:364 (No Sg) (*monacantha*, ssp.), t: Gora, Hakone District (♂); PJS, 86:310 (*monacantha*, ssp.) (1958) [n].
Dist: JAPAN (Honshu).
- C. (C.) nipponensis** ALEX., 1920: IIM, 8:136 (No Sg), t: Tokyo (♂♀); PJS, 31:370, II:7 (h) (No Sg) (1926); PJS, 86:310-1, V:39 (h) (1958).
Dist: JAPAN (Honshu).
- C. (C.) recurvalis** ALEX., 1957: PJS, 85:368-9, II:21 (h), t: Kurokawa, Echigo (♂).
Dist: JAPAN (Honshu).
- C. (C.) sawanoi** ALEX., 1957: PJS, 85:366-8, II:20 (h), t: Mt. Daisen, Hoki, alt. 800 m. (♂♀).
Dist: JAPAN (Honshu).
- C. (C.) serrimargo** ALEX., 1953: PJS, 82:70-1, II:21 (w); 25 (h), t: Sugitate, Iyo (♂).
Dist: JAPAN (Shikoku).
- C. (C.) shirahatai** ALEX., 1955: BBES, 50:21-2, t: Sakata, Uzen (♂); PJS, 85:369-70, II:22 (h) (1957).
Dist: JAPAN (Honshu).

C. (C.) shomio ALEX., 1954: PJS, 83:297-9, IV:35 (w); 42 (h), t: Mt. Saragamine, Iyo, alt. 800 to 900 m. (♂).

Dist: JAPAN (Shikoku).

C. (C.) supernumeraria ALEX., 1957: PJS, 85:364-6, II:17 (w); 18 (h), t: Kurokawa, Echigo (♂♀).

Dist: JAPAN (Honshu).

C. (C.) telephallus ALEX., 1955: AESA, 48:373-4, t: Oze, Hatomati Toge, Kotsuke (♂); PJS, 86:311, V:40 (h) (1958).

Dist: JAPAN (Honshu).

C. (C.) tetraspila ALEX., 1947: AESA, 40:361-2 (No Sg), t: Gora, Hakone District (♂♀); PJS, 83:299, IV:43 (h) (1954).

Dist: JAPAN (Honshu; Shikoku).

C. (C.) triflosa ALEX., 1957: PJS, 85:370-1, II:15 (h), t: Kurokawa, Echigo (♂♀).

Dist: JAPAN (Honshu).

Genus **CHIONEA** DALM., 1816

Chionea DALM.: *K. Vet. Akad. Handl., 1:102 (according to COQ., as 104); MACQ.: HNI, 1:72, 148 (1834); MEIG.: SB, 7:37 (1838); ROND.: PDI, 1:189 (*Chionla!*) (1856); SCHIN.: FA, 2:XXV, 573-4 (1864); O. S.: MD, 4:46, 136, 168-9 (1869); BEZ, 31:196 (1887); KERT.: KPD, 1:297 (1903); COQ.: PUNM, 37:522 (1910); BOLDYREV: Rev. russe d'Ent., 13:308-22 (1913); ALEX.: PUNM, 44:492 (1913); CE. 49:202 & 204 (1917); MCAS, 25:901, 902-3 (1919); MCAS, 38:909, 950-1 (1920) [L]; FG, 48, 52 (1934); BCSS, 64:424, 428 (1942); PIERRE: FF, 8:91, 92-3 (1924); END.: TM, 19 (1936).

Type: *Chionea araneoides* DALM.

Sphaeconophilus BECKER, 1912: *Ann. Soc. ent. Belg., 56:142.

Type: *Sphaeconophilus belgicus* BECKER

Niphadobata END., 1936: TM, 19.

Type: *Chionea lutescens* LUNDST.

C. gracilistyla ALEX., 1936: PJS, 60:187-8, II:32 (h), t: Chiosen, Honshu, Japan; Tukuringa Mountains, Amur, Eastern Siberia (♂).

Dist: JAPAN (Honshu); E. SIBERIA.

C. nipponica ALEX., 1932: PJS, 49:127-8, III:42 (h), t: Mt. Tsurugi, Toyama, Japanese Alps, alt. 8,775 ft.; Seki, Niigata, alt. 2,925 ft. (♂♀); TOK.: IIJ, ed. 2, 1528, f. 4384 (♂) (1950); SHIR.: CI, 644, f. 1203 (♂) (1954).

?*araneoides* MATS., 1915: KB, 2:63, II:15 (♀); 6000, p. 391, f. 243 (♀) (1931) [nec DALM., 1816].

Dist: JAPAN (Hokkaido; Honshu).

Nom. Jap.: *Nippon-yuki-gagambo* (TOK.); *Kumogata-gagambo* (MATS.).

Genus **NEOLIMNOPHILA** ALEX., 1920

Neolimnophila ALEX.: *Proc. Calif. Ac. Sci., (4)10:37-8 [*Limnophila*]; PJS, 24:594 (1924); FG, 49 (1934); BCSS, 64:424, 429 (1942); WU: CIS, 5:58

(1940); COE: HIBI, 45, 48, f. 18a (lower parts of pleurae, with mid & hind coxae) (1950).

Type: *Limnophila ultima* O. S.

N. ultima (O. S., 1860): *PAP, 1859:238, IV:26 [*Limnophila*]; MD, 4:202, 222-3, IV:24 (h) [*Limnophila*] (1869); ALEX.: MCAS, 25:917, XXXVIII:127 (w) [*Limnophila*] (1919); PUNM, 58:425 [*Limnophila*] (1920) (with McATEE); PJS, 24:594 (var.) (1924); KONOWIA, 9:105 (1930) [n]; BCSS, 64:430, f. 47B (w) (1942).

?*japonica* (MATS., 1915): KB, 2:64, II:16 (♀, as *Trichocera japonica* MATS.) [*Limnobia*], t: Japan (♀) [praeocc. by ALEX., 1913].

Dist: ?JAPAN; SAKHALIN; E. SIBERIA; N. AMERICA.

Nom. Jap.: *Usuiro-gagambo-damashi* (MATS.).

Genus **GNOPHOMYIA** O. S., 1860

Gnophomyia O. S.: *PAP, 1859:223; MD, 4:47, 172-4 (1869); MD, add., IX (1873); BEZ, 31:198-9 (1887); SKUSE: PLSN, (2)4:823 (1890); KERT.: KPD, 1:299 (1903); COQ.: PUNM, 37:547 (1910); BRUN.: FBI, 439, 487-8 (1912); RIM, 17:246 (1920); ALEX.: PUNM, 44:492, 521-2 (1913); MCAS, 25:902, 909-10 (1919); PUNM, 58:416, 422 (1920) (with McATEE); MCAS, 38:909, 910, 934-5 (1920) [L; P]; AM, (9)16:70 (1925); FG, 51 (1934); BCSS, 64:425, 430 (1942); PIERRE: FF, 8:92, 112 (1924); END.: TM, 21 (1936); WU: CIS, 5:53 (1940); COE: HIBI, 46, 49 (1950).

Type: *Gnophomyia tristissima* O. S.

Subgenus **GNOPHOMYIA**, s. str.

G. (G.) acheron ALEX., 1950: AESA, 43:433-4, t: Funakosi, Iwate, alt. 200 m. (♂♀).

Dist: JAPAN (Honshu).

G. (G.) laterospinosa ALEX., 1928: PJS, 36:473-4, I:13 (w); II:12 (h) (No Sg), t: Tatusawa, near Inawasiro, Fukushima, alt. 2,000 ft. (♂).

Dist: JAPAN (Honshu).

G. (G.) nycteris ALEX., 1924: AESA, 17:68 (No Sg), t: Mt. Minomo, Settsu (♀); AESA, 43:434 (1950).

Dist: JAPAN (Honshu).

G. (G.) tristis ALEX., 1924: PJS, 24:588 (No Sg), t: Toyohara, Saghalien (♀); PJS, 44:340 (No Sg) (1931).

Dist: JAPAN (Honshu); SAKHALIN.

Genus **GONOMYIA** MERG., 1818

Gonomyia MERG.: in MEIG., *SB, 1:146 [116]; O. S.: *PAP, 1859:229 (1860); MD, 4:47, 176-80 (*Gonomyia!*) (1869); BEZ, 31:200-2 (1887); SCHIN.: FA, 2:XXVII, 542-5 (1864); SKUSE: PLSN, (2)4:825-6 (1890); KERT.: KPD, 1:299-301 (1903); COQ.: PUNM, 37:547 (1910); BRUN.: FBI, 439, 468-71 (1912); RIM, 15:311 (1918); RIM, 17:240-1 (1920); BERGR.: AM, (8)11:581-2 (1913); ALEX.: PUNM,

- 44:492, 503-4 (1913) [k]; MCAS, 25:901, 904-5 (1919); PUNM, 58:416, 420-1 (1920) [k] (with McATEE); MCAS, 38:910, 938 (1920) [L; P]; PJS, 48:615-7 (1932) [k]; FG, 49, 50, 51 (1934) [k]; PJS, 62:177-8 (1937) [k]; PJS, 66:126-7 (1938); BCSS, 64:425, 433-4, 438-9, (1942) [k]; PIERRE: FF, 8:92, 107-8, 142, f. k, k¹ (L); k² (P) (1924); EDW.: JMM, 14:103-4 (1928); END.: TM, 20, f. 32 (w) (1936); LACKS.: ANMW, 50:49-50, 56-9 (1940) [k]; WU: CIS, 5:53-6 (1940); COE: HIBI, 46, 49-51, f. 18c (lower parts of pleurae, with mid & hind coxae); 21a (wing-base) (1950) [k].
- Type: *Limnobia tenella* MEIG. (as *tricolor* MERG.).
- Taphrosia* ROND., 1856: PDI, 1:182; O. S.: MD, 4:12 (*Taphrosia!*) (1869); BEZ, 31:232 (1887); Coq.: PUNM, 37:612 (1910).
- Type: *Limnobia tenella* MEIG. (as HOFFM.).
- Subgenus **IDIOCERA** DALE, 1842
- Idiocera* DALE: AM, 8:431, 433 [*Limnobia*]; WU: CIS, 5:55-6 [*Gonomyia*] (1940); ALEX.: BCSS, 64:434, 436 [*Gonomyia*] (1942); COE: HIBI, 46, 49-50 [*Gonomyia*] (1950).
- Type: *Limnobia* (I?) *sex-guttata* DALE
- Ptilostena* BERGR., 1913: AM, (8)11:575-6; EDW.: JMM, 14:103-4, 107 [*Gonomyia*] (1928); ALEX.: PJS, 48:617 [*Gonomyia*] (1932); FG, 50 [*Gonomyia*] (1934); LACKS.: ANMW, 50:50, 51 [*Gonomyia*] (1940).
- Type: *Ptilostena recurvinervis* BERGR.
- G. (I.) arete** ALEX., 1958: PJS, 86:311-3, VI:41 (w); 47 (h), t: Kurokawa, Echigo (♂).
Dist: JAPAN (Honshu).
- G. (I.) kuwayamai** ALEX., 1926: PJS, 31:368-9, I:5 (w) (Sg *Ptilostena*), t: Maruyama, near Sapporo, Ishikari (♂♀).
Dist: JAPAN (Hokkaido).
- G. (I.) longipennis** ALEX., 1935: PJS, 57:219-20, I:19 (w) (Sg *Ptilostena*), t: Iriomote Islands (♀).
Dist: JAPAN (Loochoo Is.: Iriomote I.).
- G. (I.) nigrilobata** ALEX., 1957: PJS, 85:372-3, III:23 (w); 24 (h), t: Kurokawa, Echigo (♂).
Dist: JAPAN (Honshu).
- G. (I.) pallens** ALEX., 1928: PJS, 36:474-5, I:14 (w); II:13 (h) (Sg *Ptilostena*), t: Sakunami, near Sendai, Miyagi (♂); PJS, 76:161 (1938) [n].
Dist: JAPAN (Honshu).
- G. (I.) serrulifera** ALEX., 1957: PJS, 85:373-4, III:25 (w); 29 (h), t: Kurokawa, Echigo (♂).
Dist: JAPAN (Honshu).
- G. (I.) shantungensis** ALEX., 1930: PJS, 42:77-8, II:32 (h) (Sg *Ptilostena*), t: Lau Stan, east of Tsingtao, Shantung, Eastern China (♂); PJS, 50:154 (Sg *Ptilostena*) (1933); PJS, 82:171 (1953); WU: CIS, 5:56 (1940).
Dist: JAPAN (Shikoku); E. CHINA.
- G. (I.) subpruinosa** ALEX., 1924: PJS, 24:588-90 (Sg *Ptilostena*), t: Jozankei, Hokkaido; Koiwai Farm, near Morioka, Northern Honshu (♂♀); PJS, 86:313, VI:48 (h) (1958); ESAKI: IJ, 209, f. 408 (♂) (No Sg) (1932); IJ, ed. 2, 1528, f. 4383 (♂) (No Sg) (1950).
Dist: JAPAN (Hokkaido; Honshu).
Nom. Jap.: *Hosoba-hime-gagambo* (ESAKI).
- G. (I.) teranishii** ALEX., 1921: AESA, 14:118-9 (Sg *Ptilostena*), t: Koiwai Farm, near Morioka (♀); PJS, 57:219-20 (Sg *Ptilostena*) (1935) [n]; PJS, 63:394 [*Idiocera* (*Idiocera*)] (1937); PJS, 86:313-4, VI:49 (h) (1958); WU: CIS, 5:56 (1940).
Dist: JAPAN (Honshu); CHINA.
- Subgenus **GONOMYIA**, s. str.
- G. (G.) bibarbata** ALEX., 1935: PJS, 57:220, I:20 (w); III:36 (h), t: Iriomote Island (♂).
Dist: JAPAN (Loochoo Is.: Iriomote I.).
- G. (G.) gilvipennis** ALEX., 1928: PJS, 36:476-7, I:16 (w); II:14 (h), t: Tatusawa, near Inawasiro, Fukushima, alt. 2,000 ft. (♂♀); PJS, 59:249 (1936) [n].
Dist: JAPAN (Honshu).
- G. (G.) gracilistyla** ALEX., 1925: AM, (9)15:70-1 (*gracilistylus!*), t: Mt. Hakone, Sagami, alt. 2,300 ft. (♂); PJS, 58:250 (Sg *Lipophleps*) (*gracilistylus!*) (1935) [n]; PJS, 85:374-5, III:26 (w); 30 (h) (*gracilistylus!*) (1957).
Dist: JAPAN (Honshu; Kyushu).
- G. (G.) horribilis** ALEX., 1941: PJS, 76:60-2, I:22 (w); IV:44 (h), t: Kamikochi, alt. 5,000 ft. (♂♀).
Dist: JAPAN (Honshu).
- G. (G.) kurokawae** ALEX., 1957: PJS, 85:375-6, III:27 (w); 31 (h), t: Kurokawa, Echigo (♂).
Dist: JAPAN (Honshu).
- G. (G.) luteipleura** ALEX., 1936: PJS, 59:248-9, I:20 (w), t: Mt. Daisen, Hoki (♀).
Dist: JAPAN (Honshu).
- G. (G.) nansei** ALEX., 1930: PJS, 43:524-5, I:15 (w); III:40 (h), t: Hassensan, Formosa, alt. 2,500 to 5,600 ft. (Holo.: 5,600; allotype: 3,600) (♂♀); PJS, 82:302 (1954).
Dist: JAPAN (Shikoku); FORMOSA.
- G. (G.) necopina** ALEX., 1957: PJS, 85:376-7, III:28 (w); 32 (h), t: Kurokawa, Echigo (♂♀).
Dist: JAPAN (Honshu).
- G. (G.) omogoensis** ALEX., 1954: PJS, 83:299-300, IV:36 (w); 44 (h), t: Omogo Valley, Iyo, alt. 800 m. (♂♀).
Dist: JAPAN (Shikoku).
- G. (G.) superba** ALEX., 1913: CE, 45:285-6, III:14 (w); X:1-2 (h), t: Tokio; Nishigahara (♂♀); PJS, 24:588 (1924); PUNM, 68(4):13 [as sp. near *superba*] (1925); PJS, 67:161 (var.) (1938); Mushi, 27:29 [as near *superba*] (1954).
Dist: JAPAN (Hokkaido; Honshu); N. KOREA; ?E. SIBERIA; ?N. CHINA.

Subgenus **LIPOPHLEPS** BERGR., 1915

Lipophleps BERGR.: Psyche, 22:55 (nom. nov. for *Leiponeura*); EDW.: JMM, 14:103, 104-5 [*Gonomyia*] (1928); ALEX.: PJS, 48:615-7 [*Gonomyia*] (1932); FG, 49, 50 [*Gonomyia*] (1934); BCSS, 64:433, 434 [*Gonomyia*] (1942); WU: CIS, 5:54-5 [*Gonomyia*] (1940); COE: HIBI, 46, 50 [*Gonomyia*] (1950).

Type: *Gonomyia skusei* ALEX.

Leiponeura SKUSE, 1890: PLSN, (2)4:795-6; BERGR.: AM, (8)11:581-2 (*Liponeura*!) (1913); ALEX.: PUNM, 44:503-4 [*Gonomyia*] (1913); MCAS, 25:890, 905 [*Gonomyia*] (1919); PUNM, 58:392, 420-1 [*Gonomyia*] (1920) (with McATEE); MCAS, 38:909, 939 [*Gonomyia*] (1920) [L; P] [praeocc. by LOEW, 1844].

Type: *Gonomyia skusei* ALEX. (as *gracilis*, sp. nov.).

G. (L.) flavocostalis ALEX., 1924: PJS, 24:590-1 (*flavo costalis*!), t: Jozankei; Kutchan; Shikaripetsu (♂♀); PJS, 46:33 (1933) [n]; PJS, 66:330 (1938) [n].

Dist: JAPAN (Hokkaido).

G. (L.) incompleta BRUN., 1912: FBI, 470, 471-2, IX:5 (w); XI:19 (h) (No Sg), t: Calcutta [according to BRUN., 1920] (♂♀); RIM, 17:240 (No Sg) (1920); BERGR.: AM, (8)11:581 (*Liponeura*!) (1913); EDW.: JMM, 14:104, 105 (1928); ALEX.: PJS, 46:29-30 (1930); PJS, 48:616 (1932); PJS, 61:114 (1936); PJS, 76:60 (1941) [n]; WU: CIS, 5:54 (1940).

insulensis ALEX., 1913: CE, 45:286-7, III:12 (w) (Sg *Leiponeura*), t: Tokio (♀).

Dist: JAPAN (Honshu); CHINA; S. ASIA.

G. (L.) quadrifila ALEX., 1930: PJS, 42:530-1, I:18 (w); II:31 (h), t: Yasakagawa, Oita (♂); PJS, 82:302 (1954).

Dist: JAPAN (Shikoku; Kyushu).

G. (L.) sauteri ALEX., 1930: PJS, 43:525-6, I:16 (w); III:41 (h), t: Daitotei, Formosa (♂); PJS, 63:392-3 (1937); PJS, 82:302 (1954); WU: CIS, 5:55 (1940).

?*gracilis* (RIED., 1917): AN, 82A:112 (*Liponeura*!) [nec SKUSE, 1890].

Dist: JAPAN (Shikoku); FORMOSA; CHINA.

Genus **TEUCHOLABIS** O. S., 1860

Teucholabis O. S.: *PAP, 1859:222; MD, 4:46, 129-32 (1869); BEZ, 26:188 (1882); BEZ, 31:188 (1887); SKUSE: PLSN, (2)4:798 (1890); COQ.: PUNM, 37:613 (1910); BRUN.: FBI, 415, 427-8 (1912); RIM, 17:232-4 (1920); ALEX.: MCAS, 25:897, 901 (1919); PUNM, 58:414, 416 (1920) (with McATEE); MCAS, 38:909, 910, 945-6 (1920) [L; P]; PJS, 48:43-4 (1932); FG, 49, 50 (1934) [k]; BCSS, 64:425, 431-2 (1942); WU: CIS, 5:60-1 (1940).

Type: *Teucholabis complexa* O. S.

Subgenus **TEUCHOLABIS**, s. str.

T. (T.) iriomotensis ALEX., 1935: PJS, 57:218-9, I:18 (w), t: Iriomote Island (♂♀).

Dist: JAPAN (Loochoo Is.: Iriomote I.).

T. (T.) yezoensis ALEX., 1924: PJS, 24:593-4 (No Sg), t: Shikaripetsu (♂♀); PJS, 57:219 (1935) [n].

Dist: JAPAN (Hokkaido).

Subgenus **PARATROPESA** SCHIN., 1866

Paratropesa SCHIN.: VZBG, 16:932-3; O. S.: MD, 4:132, 333 (1869); BEZ, 31:189-90 (1887); ALEX.: AESA, 12:333 (*Paratropesa*!) (1919); FG, 50 [*Teucholabis*] (1934).

Type: *Paratropesa singularis* SCHIN.

T. (P.) esakii (ALEX., 1924): PJS, 24:591-3 [*Paratropesa*], t: Maruyama; Jozankei; Abashiri (♂♀); AESA, 48:374 (1955) [n].

Dist: JAPAN (Hokkaido).

T. (P.) inouei ALEX., 1955: AESA, 48:374, t: Mt. Takao, Musashi (♂).

Dist: JAPAN (Honshu).

Genus **GYMNASTES** BRUN., 1911

Gymnastes BRUN.: RIM, 6:281; FBI, 415, 432-3 (1912); RIM, 15:307 (1918); RIM, 17:234 (1920); EDW.: AM, (8)17:359-60 (1916); ALEX.: PLSN, 47:583 (1922); PJS, 48:42 (1932); WU: CIS, 5:56 (1940).

Type: *Teucholabis cyanea* EDW. (as *violaceus*, sp. nov.).

Subgenus **PARAGYMNASTES** ALEX., 1922

Paragymnastes ALEX.: PLSN, 47:583; PJS, 48:42 [*Gymnastes*] (1932).

Type: *Limnobia fascipennis* THOMSON

G. (P.) flavitibia (ALEX., 1919): AESA, 12:333-4 [*Paratropesa*!], t: Chichibu, Saitama (♀); PLSN, 47:583 (No Sg) (1922); LSJ, 19:115 [s. str.] (1940); TSES, 3:82 (1953); ESAKI: IJ, 206, f. 401 (♀) (No Sg) (1932); IJ, ed. 2, 1526, f. 4377 (♀) (No Sg) (1950); SHIR.: CI, 644 (No Sg) (1954).

ssp. *flavitibia* (ALEX., 1919)

Dist: JAPAN (Honshu; Shikoku; Kyushu).

Nom. Jap.: *Misuji-gagambo* (ESAKI).

Genus **TRENTEPOHLIA** BIG., 1854

Trentepohlia BIG.: *ASEF, (3)2:456, 473; BERGR.: Ent. Tids., 8:136-7 (1888); AM, (8)11:582 (1913); SKUSE: PLSN, (2)4:831-4 (1890); EDW.: AM, (8)8:63-4 (1911); JMM, 14:108, 114 (1928); END.: ZJ, 32:61 (1912); BRUN.: RIM, 15:315 (1918); RIM, 17:242-3 (1920); ALEX.: MCAS, 38:943 (1920); PJS, 33:302 (1927) [k]; PJS, 43:297-8 (1930) [k]; PJS, 53:441-4 (1934) [k]; FG, 49 (1934); *AM, (11)1:355 (1938) [k]; WU: CIS, 5:61-2 (1940).

Type: *Limnobia trentepohlilii* WIED.

Mongomioides BRUN., 1911: RIM, 6:296; FBI, 439, 478, 481-2 (1912).

Type: *Limnobia trentepohlilii* WIED.

Subgenus **TRENTEPOHLIA**, s. str.

T. (T.) septemtrionalis ALEX., 1921: AESA, 14: 119-20, t: Nakano (♀).
Dist: JAPAN (Honshu).

Subgenus **MONGOMA** WESTW., 1881

Mongoma WESTW.: TES, 1881:364; O. S.: BEZ, 26: 89-91 (1882); BEZ, 31:203-4 (1887); BRUN.: RIM, 6:290, 292 (1911); FBI, 439, 476-9 (1912); RIM, 15:311 (1918); RIM, 17:241-2 (1920); END.: ZJ, 32:59-60 (1912); BERGR.: AM. (8)11:582 (1913); ALEX.: PUNM, 44:492, 499-500 (1913); MCAS, 38:944 [*Trentepohlia*] (1920); PJS, 33:302 [*Trentepohlia*] (1927); PJS, 43:297-8 [*Trentepohlia*] (1930); PJS, 46:471 [*Trentepohlia*] (1931); PJS, 53:442-4 [*Trentepohlia*] (1934); EDW.: JMM, 14: 110-1 [*Trentepohlia*] (1928); WU: CIS, 5:61 [*Trentepohlia*] (1940).

Type: *Mongoma fragillima* WESTW.

T. (M.) subpennipes ALEX., 1957: PJS, 85:371-2, II:16 (w), t: Yoshigahira, Mt. Sumon, Echigo; Kurokawa, Echigo; Mt. Donden, Sado Island, Sado; Aridagun, Kii (♂).

pennipes ALEX., 1931: AH, 180 (part) [nec O. S., 1887].

Dist: JAPAN (Honshu).

Genus **LIPSOTHRIX** LOEW, 1873

Lipsothrix LOEW: *Beschr. Eur. Dipt., 3:69; O. S.: BEZ, 31:205 (1887); KERT.: KPD, 1:301-2 (1903); PIERRE: FF, 8:92, 110 (1924); ALEX.: PJS, 50:152 (1933); FG, 51 (1934); BCSS, 64:425, 431 (1942); END.: TM, 21, f. 33 (w) (1936); LACKS.: ANMW, 50:63-4 (1940); COE: HIBI, 46, 48-9 (1950).

Type: *Lipsothrix nobilis* LOEW

Electrolabis ALEX., 1931: *Bernsteinforschungen, Heft 2:58-9.

Type: *Electrolabis extincta* ALEX.

L. apicifusca ALEX., 1957: PJS, 85:377-8, IV:33 (w); 39 (h), t: Kurokawa, Echigo (♂).

Dist: JAPAN (Honshu).

L. babai ALEX., 1958: PJS, 86:314-5, VI:44 (w); 50 (h), t: Kurokawa, Echigo; Mt. Amakazari, Echigo, alt. 1,000 m. (♂♀).

Dist: JAPAN (Honshu).

L. leucopeza ALEX., 1953: PJS, 82:170, III:22 (w) t: Totidani, near Yanase, Tosa, alt. 400 m. (♂♀).

Dist: JAPAN (Shikoku).

L. tokunagai ALEX., 1933: PJS, 50:152, I:18 (w); III:44 (h), t: Mt. Daisen, Tottori (♂); PJS, 85: 378 (1957) [n]; PJS, 86:315 (1958) [n].

Dist: JAPAN (Honshu).

L. yakushimae ALEX., 1930: PJS, 42:75-6, I:13 (w),

t: Kosugidani, Yakushima, alt. 2,500 ft. (♀).

Dist: JAPAN (Kyushu: Yaku I.).

L. yamamotoana ALEX., 1950: AESA, 43:433, t: Funakosi, Iwate, alt. 200 m. (♂).

ssp. *yamamotoana* ALEX., 1950

Dist: JAPAN (Honshu).

ssp. *omogoensis* ALEX., 1954: PJS, 82:301-2 (*yamamotoana*! ssp.), t: Omogokei (♀); TSES, 3:82 (*yamamotoana*, ssp.) (1953) [nom. nud.].

Dist: JAPAN (Shikoku).

Genus **RHABDOMASTIX** SKUSE, 1890

Rhabdomastix SKUSE: PLSN, (2)4:828-9; ALEX.: MCAS, 25:901, 904 (1919); MCAS, 38:909, 942 (1920) [L; P]; PJS, 49:395 (1932); FG, 50 (1934) [k]; BCSS, 64:425 (1942); LACKS.: ANMW, 50:50 [*Gonomyia*] (1940); WU: CIS, 5:59-60 (1940); COE: HIBI, 46, 52-3, f. 18d (lower parts of pleurae, with mid & hind coxae) (1950).

Type: *Rhabdomastix osten-sackeni* SKUSE

Subgenus **SACANDAGA** ALEX., 1911

Sacandaga ALEX.: Ent. News, 22:349-51; PUNM, 44:492, 508 (1913); MCAS, 25:904 [*Rhabdomastix*] (1919); FG, 50 [*Rhabdomastix*] (1934); BCSS, 64: 442 [*Rhabdomastix*] (1942); LACKS.: ANMW, 50: 50 [*Gonomyia*] (1940); WU: CIS, 5:60 [*Rhabdomastix*] (1940).

Type: *Sacandaga flava* ALEX.

R. (S.) angusticellula ALEX., 1957: PJS, 85:378-80, IV:34 (w); 37 (h), t: Kurokawa, Echigo (♂).
Dist: JAPAN (Honshu).

R. (S.) atrata ALEX., 1924: AESA, 17:436, t: Emimura, Chiba (♂).

Dist: JAPAN (Honshu).

R. (S.) japonica ALEX., 1924: AESA, 17:69-70, t: Tokyo (♀); PUNM, 68(4):4 (1925); PJS, 71:51 (1940) [n]; PJS, 82:302, V:45 (w) (1954).

Dist: JAPAN (Hokkaido; Honshu; Shikoku).

R. (S.) microxantha ALEX., 1958: PJS, 86:316-7, VI:45 (w); 51 (h), t: Kurokawa, Echigo (♂).

Dist: JAPAN (Honshu).

R. (S.) nebulifera ALEX., 1957: PJS, 85:380-1, IV:35 (w); 38 (h), t: Kurokawa, Echigo (♂).

Dist: JAPAN (Honshu).

R. (S.) sadoensis ALEX., 1958: PJS, 86:317, VI: 46 (w), t: Mt. Donden, Sado, alt. 600 m. (♀).

Dist: JAPAN (Honshu: Sado I.).

(To be continued.)

(Entomological Laboratory of Kakogawa Branch. Received Aug. 28, 1960)