

Van der Meer

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Catalogue of the described Diptera from South Africa.

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CATALOGUE



THE DESCRIBED DIPTERA

FROM
SOUTH ASIA

BY
F. M. VAN DER WULP

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P R E F A C E.

Already long since I had prepared, for my own use, a list of South-Asiatic Diptera and intended to publish it at some time, thinking others might also profit by it in their studies.

A similar work, however, was published a few years ago by the late J. M. F. Bigot, in the *Journal of the Asiatic Society of Bengal*, vol. LX. (1891) and LXI (1892), entitled: «Catalogue of the Diptera of the oriental regions. At first sight, I thought that it now was useless to send my own work to the press, but after a more careful examination of Bigot's Catalogue, I found in it so many omissions and inaccuracies, that I thought it quite insufficient for its purpose.

Bigot has overlooked several papers, in which eastern Diptera are described. Save some rare exceptions, the species of Walker in vol. II to VIII of the *Proceedings of the Linnean Society at London* are wanting in his Catalogue; also those described by DeMeillon in vol. XIV and XVII of the *Natuurkundig Tijdschrift voor Nederlandsch Indië*; the greater part of the species published by Baron Osten Sacken in the *Annali del Museo civico di Genova*, vol. XVI, and in the *Berliner Entomologische Zeitschrift*, vol. XXVI; and many of my descriptions in the *Tijdschrift voor Entomologie* and in the *Notes from the Leyden Museum*¹). Sometimes he has even neglected species, published by himself in the *Annales de la Société Entomologique de France* or elsewhere.

On the other hand Bigot has often mentioned the same species more than once, mostly in different genera. For instance, in

¹) Bigot, however, was in the possession of separate of all these papers, which he passed at the public sale of his library.

vol. LX, p. 254: *Tipula juncensis* Del., which some time before was recorded as a synonym to *Pachydrilus Delachetii* Ouf. Sack.; — p. 277: *Stratiops variatus* Wied. and on the same page once more in the genus *Glyptostyris*; — p. 278: *Edaphocera spinithorax* Macq., which on p. 251 was already notified as synonym to *Chilothia lividula* Wied.; — p. 279: *Aryna decipiens* Rond. in *Platonia* and on p. 280 again in *Aryna*. — In vol. LXI, p. 135: *Dasyneura scutellarioides* Walk. in *Dasyneura* and on p. 138 in *Cyrtopogon*; — p. 142: *Trepus bifasciatus* Macq. in *Proconotus* and p. 143 in *Trepus*; — p. 142: *Achilus apicatus* Wied. in *Phidolus* and p. 144 in *Trepus*; — p. 143: *Acanthia 6-fasciata* Walk. and p. 148 as a synonym to *Eumecurus afflictoris* Macq.; — p. 179: *Boreaschia dichroa* Reb. Derr. in *Gavia* and p. 192 in *Eumecuria*; — p. 189: *Cataglyphide splendens* Macq. and once more on p. 196; — p. 199: *Idia fulvipes* Big. in *Edonia* and p. 194 in *Idia*. The genus *Gynocrypta* is mentioned on p. 190 with three species and again on p. 193 with two species.

In the systematical arrangement Digt. has sometimes made striking errors. In vol. XL, p. 261, the genus *Megynura* (fam. Tipulidae) is enumerated with three species, not belonging to that genus, but to the genus *Edontes*, which immediately is preceding, and on the following page *Megynura pumilio* Ouf. Sack. (a true *Megynura*) is quite wrongly brought in the genus *Myctophila*! — In vol. LXI, p. 229, *Cochlea orientalis* Macq. is ranged in the fam. Sapporomyzidae, and once again on p. 253 in the fam. Chalcopsideae; in both cases it is misplaced, as the genus *Cochlea* belongs to the Tortricidae. On p. 232 *Ploca* (*Prionura*) *pergrina* Wied. is brought in the fam. Drosophilidae, whilst the fam. Phoridae and the genus *Ploca*, into which it belongs, are mentioned on p. 234.

It would not be difficult to indicate still more inaccuracies in Digt.'s Catalogue, but what I have said will be sufficient to justify the publication of my own catalogue. Though I expect that my labour will also contain imperfections and omissions, it will at all events give a more complete compendium of the Dipterous insects of South Asia, which at present are known.

I am much indebted to my highly respected friend Baron G. B. Osten Sacken, who has been so kind as to review the manuscript of my work, especially with respect to the Neomacra and the first families of Drosophyren (Stratiomyidae, Tabanidae, etc.). As he has examined numerous types in the first rate public museums and private collections in Europe, he was able to point out to me some omissions or confusion about nomenclature and synonymy, which has led to many emendations and corrections.

The present Catalogue has by no means any claim to be an example of the systematical arrangement of Dipterous insects. In the succeeding series of the families and groups I have only followed the method, which at present most generally is adopted. The series, in which the genera are placed, are still less to be considered as representing any natural relationship to another, which in many cases is difficult, if not impossible to state.

In the genera, which contain more than one species, these latter are enumerated in a series according to the date of their publication.

Indications of synonymy, as far as they are known to me, have been noted; and where a generic name was preoccupied or a specific name was already used in the same genus, I have mentioned this fact, leaving to a future author or monographer, to replace the most recent name by a new one.

The geographical extension, observed in the Catalogue, includes the southern part of China, the two large peninsulas of India with Ceylon and other neighbouring islands, the Malayan archipelago, the Philippine islands and New Guinea. Species of the north of China and of Japan are thus omitted.

REVIEW OF THE LITERATURE OF ORIENTAL DIPTEROLOGY.

At the time of Linnaeus the knowledge concerning exotic Diptera was very limited. Only a few species, mostly from America, are recorded in the last edition of the *Systema Naturæ*, none from Asia.

A result of Linnaeus' works was, that Zoology became more and more scientifically cultivated. Zoological museums raised everywhere, and soon this science increased so much, that it was almost impossible for a single person, to embrace it in its whole extent, unless he contented himself with generalities. For a more special study restriction to any part of it was necessary, and Entomology soon commenced to be a matter of serious study. Fabricius and Latreille stand foremost in the ranks of special entomologists. De Geer, Scopoli, Schrank, Hübner, Panzer and others may also be mentioned, but most of these latter treated exclusively of European insects.

J. C. Fournier described in his subsequent labours (1773—1805) a large number of Diptera from all parts of the world, but his descriptions are often not sufficient to recognize the species with certainty, and his systematic arrangement is defective, because he has paid a too exclusive attention to the characters derived from the shape of the mouth-parts.

Nearly in the same time and some years later P. A. Latreille wrote his entomological works (1796—1829). They were of a much more systematical value than those of Fabricius and con-

this many new (also dipterous) genera, but no new species of Asiatic Diptera.

Gradually Entomology in its turn furnished such an immense field of labour, that most entomologists of latter times chose some order of insects for their special studies, and authors who were occupied with the science in all its extension, more and more became rare. Among our contemporaries such general entomologists were, for instance, Prof. Westwood in Oxford and Stollon van Vollenhoven in Holland.

Study of Lepidoptera and Coleoptera was mostly preferred, but also the other orders of insects soon found their special cultivators.

As to the Diptera, a list of eminent authors: Meigen, Wiedemann, Macquart, Zetterstedt and several others, may be remembered here.

J. W. MEIGEN may be considered as the father of Dipterology. His *Klassifikation und Beschreibung der europäischen zweiflügeligen Insekten* (1804) was the first book exclusively on Dipterous insects. A year before he had established several new Dipterous genera in vol. II of Illiger's *Magazin für Insektenkunde*, and some years later appeared his *Systematische Beschreibung der europäischen zweiflügeligen Insekten*. Meigen's works, though limited to the European fauna, are still of important value for the systematical arrangement, as he commenced to give attention to the nervation of the wings, which carefully is represented in many of his figures.

C. R. W. WESTERMAAN, likewise a special Dipterologist, was the first author, in whose works exclusively were treated exotic Diptera. In different writings (1817—1824) and especially in his *Amerikanische zweiflügelige Insekten* (1828—30) he published a large number of exotic forms. In the last named work he intended to give an accomplishment of Meigen's *Systematische Beschreibung*, which at that time had opened a new period for Dipterology. Evidently Westermann has given himself much pains to make his labour as perfect as possible. He therefore examined, besides his own collection and those of Westermann and von Wiedemann, the museums in Berlin, Frankfurt a. M., Copenhagen and Leyden, which were

successively enriched with numerous *Diptera* from different regions. His observations about the typical species of Fabricius are of great value; his descriptions and figures (the latter drawn by Meigen) are generally satisfactory and enable us to recognize the objects. Moreover many types of Wiedemann's species are still preserved in different museums, especially in that of Vienna, which contains the ancient collections of von Wiedemann and Wiedemann himself, and where, in doubtful cases, decisions may be obtained.

Among the special Dipterologists must further be mentioned J. MACQUART. He commenced with the study of only indigenous forms and published (1836—38) a series of papers entitled: *Insectes Diptères du nord de la France*; afterwards (1834—35) *Histoire naturelle des Insectes Diptères* (being a part of the great French work *Saunders à Buffon*), which likewise contains a certain number of exotic species. Since that time Macquart seems to have made a nearly exhaustive study of the exotic forms, as which he published a copious work: *Diptères exotiques nouveaux ou peu connus*, 2 vols. (1838—42) with 83 plates, and five supplements on it (1846—55) with 68 plates. In it numerous species of different parts of the world and many new genera are revealed; the descriptions, however, for the greater part are superficial and the figures are incorrect and often lead to the suspicion that they are drawn perhaps more after defective descriptions than after the natural specimens. Notwithstanding these imperfections Macquart's work is in many cases an authority.

It is useless to mention here J. W. ZETTERSTEDT'S *Diptera Scandinavica*, 14 volumes (1848—66), though highly interesting for the knowledge of European species, as this author has published nothing regarding exotic forms.

J. B. HANSEN ENCKEN published several works on Dipterology, and especially the large family of Muscidae has been a subject of his studies. In his *Essai sur les Myiobies* (1826) he described numerous species, among which some exotic ones, and established a great many new genera. He almost always neglected what earlier authors had done; besides his descriptions are short and superficial, nor are they elucidated by figures. Hence his

work was for a long time generally passed in silence; sometimes, however, it became clear that his views on generic separations were just, and since several of his genera have been adopted.

F. WALKER has given a list of the Dipterous insects in the British museum, 7 vols. (1848-52); in vol. I-IV the whole order is treated. Vol. V-VII are a supplement, at least for some families and contain short analytical tables for the distinction of the genera and species, the latter separately from the different parts of the world. It seems that all the species, known at that time, are included there, though it cannot be admitted that they all are represented in the museum, as it may be deduced from the title of the work. From Walker's *Diptera Britannica* (London, 1851-56) it is needless to speak here. His *Diptera Scandinavica* on the contrary contain more than 300 descriptions of exotic Diptera, with several characteristic figures by Prof. Westwood. Numerous Asiatic species of Diptera, among which those collected by Wallace on his travels in the Indian archipelago, are described by Walker in the *Proceedings of the Linnean Society at London*. Walker's descriptions are generally superficial and often incorrect.

Professor J. O. WIEDERMAN, though a general entomologist, has written many papers on Diptera, exhibiting his talent of making the objects intelligible.

Professor H. LÖW was at once one of the most learned and of the most active authors on Dipterology. His numerous papers, for the greater part published in different scientific periodicals, are indispensable to every one who studies this branch of science. Besides the European Diptera, he has done much to advance the knowledge of the Dipterous fauna of North America and that of South Africa. It is a pity that Asiatic Diptera have seldom been a subject of his inquiries; only in a few papers he has described some of them.

A most excellent Dipterologist was Dr. J. R. SCHWENK. His *Fauna Austriaca (Diptera)*, 2 vols. (1852-54) is a classic work, still a valuable manual for students in Dipterology. As to exotic forms of Diptera, besides several papers in the *Fachschriften*

der k. k. zoologischen Gesellschaft in Wien, Schiner's *Dipteren der Novara-Expedition* (1868) contains a large number of new species and interesting notes on the systematical arrangement. Urged on by the Austrian government the frigate *Novara* made a voyage round the world for scientific purposes and brought home immense zoological and also entomological collections, which were worked out by specialists, the Diptera by Schiner.

Similar scientific travels were more than once undertaken by different nations and gave occasion to the publication of the zoological results, in which mostly the insects and also the Diptera found a place. Among them we may mention here: *Voyage de l'Atrevida*, the entomology by Boisduval; *Kongt, Svenska Insektien Eugenio Resa*, the Diptera by C. G. Thomsen; and the *Netherlands expedition to central Sumatra*, the Diptera worked out by myself.

A Dipterologist, who wrote on Malayan forms, was G. L. DOER-SCHNELL, a native of Austria and military physician in Dutch service. Besides some articles concerning *Amantides*, he published three papers in the *Natuurkundig Tijdschrift over Nederlands Indië* about Diptera from Java and Amboina. His descriptions are short and not very satisfactory, but the first and second of these papers are accompanied by a series of figures. To the third paper no figures are added, but there exist original and coloured drawings of the author himself, which are relative to the descriptions in that paper and which in doubtful cases may be consulted. These drawings were some years ago in the possession of Sacken van Vollenhoven, to whom they were given by van Rossumburg, a contemporary and friend of Bölschell; at the public sale of Vollenhoven's library they came into the hands of Mr. J. Pels in Gent (Belgium). Two very accurate copies of them are prepared, one of which is in the possession of Baron Osten Sacken in Heidelberg, the other in the library of the Dutch Entomological Society at Leyden. Some of the typical specimens, collected by Bölschell, are in the Imperial Museum at Vienna.

C. ROSSIGNOL, well known by his standardwork: *Diptérologie d'Alsace* Professeur, also published several papers on exotic Diptera

in different periodicals, and among them many species from the South-Asiatic region.

A Dipterologist of several names was L. M. F. BOUT in Paris. He possessed a very extended collection of exotic Diptera, which after his death (in 1899) has come into the hands of Mr. G. H. Verrill in England. Biot wrote much on Dipterozoology, especially in the *Annales de la Société Entomologique de France*; numerous species were described and many new genera were established by him. Moreover he attempted to make systematical arrangements. His works, however, often show a want of exactness, and those, who will make use of them, must take care to do it with circumspection.

Among the still living Dipterologists, who wrote papers on South-Asiatic Diptera, we may give a first place to Baron C. R. CURTIS SACRIS. Besides many works, in which he has contributed much to the knowledge of the Dipterous fauna of North America and to the systematic of the Tipulidae, he has most carefully worked out, in the *Annali del Museo civile di Genova*, the Diptera, collected by Prof. O. Bezzani and others in the Malayan archipelago and, in the *Berliner Entomol. Zeitschrift*, a large collection made by Semper on the Philippine islands.

Professor F. REUTER, in several papers, entitled: *Die Zweifler der Kaiser-Museen in Wien*, has elucidated numerous types in that Museum. The most recent of these papers, in which L. E. von Bergenstråle is mentioned as collaborator, concerns the family of Muscidae calyptratae (which they call Muscaria schismotopa). In this highly important labour the results of the hitherto plighted systematical arrangement of this large and difficult family are clearly brought to light; attention is given to some characters, which till now had been neglected; and numerous, perhaps too many, new genera are established; besides several new species, among which some of southern Asia, are described by the authors. The study, however, of this labour is not easy.

Finally mention should be made of F. JUCHAUSSON, who has elucidated many of the exotic Diptera in the museum of Frankfurt a. M.

and Dornschütz; F. von Rosen, who in different papers has made interesting remarks on Hymenoptera and has described several new species; E. K. Anthon, who very recently gave the results of his studies on the *Syrphidae* in the British museum; and E. H. Hübner, who has described some *Asiatic Scierinus* from the museum in Berlin.

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- Enkele Javaansche *Tachinidae*, w. 3 pl. (Id. XXXVI, 1893, p. 559).
- Parasitic *Muscidæ* from British India, w. pl. (Indian Museum Notes, III, 1894, p. 8).
- Enkele Javaansche *Diptera*, w. 3 pl. (Tijdschr. v. Entom. XXXVIII, 1895, p. 33).
- Enkele merkwaardige Javaansche *Tachinidae*, w. fig. (J. v. p. 69 and 163).
- Zimmerman (J. W.). — *Insecta Lapponica descripta*, 4to. Leipzig, 1860.
- *Diptera Scandinavica disposita et descripta*, 14 vol. 8vo. Lund, 1842-60.

DIPTERA ORTHORAPHA.

CECIDOMYIDAE.

Cecidomyia Meig.

Hb. Mag. II. 331 (1803).

C. deflexenda Walk. Proc. Linn. Soc. 1. 183. 2. — Bernes.

• *Bryanae* Wood Mason, Ind. Mus. Natur. 1. 183. pl. VI C. 4. —
Fengal.

In Berl. Ent. Zeitschr. XXVI (1882) p. 96, Osten Sacken
has mentioned a peculiar *Cecidomyia* with uniform antennal
joints, from the Philippine Islands.

Loxoptera Meig.

Syst. Becks. 1. 33 (1813).

L. Bryanae Schin. Dipt. Nov. Reim. 4. 2. pl. 1 C. 2. 2. — Madras.

MYCETOPHILIDAE.

Selous Meig.

Hb. Mag. II. 343 (1803).

St. Thomas Linn. Syst. Nat. ed. XII. 876. 89 (Tijdsch.); Meig. Syst.
Becks. 1. 318. 1; Wism. Monogr. Selous. 143; v. d. Walp. Dipt.
Europ. expol. 1. 2. — Europe, Sumatra.

Silvmanus (Berl. Ent. Zeitschr. XXXIX. p. 39, note) is in
doubt about the identity of my *St. Thomas* from Sumatra with
the European species.

• *India* Walk. Dipt. Strand. 413. — East India.

• *pusilla* Del. Nat. Tijdschr. Ned. Ind. 3. 487. 18. pl. 4 C. 2.
(Jatapan). — Java.

According to the figure, the insect is evidently a *Selous* and
not at all a *Stictopus*.

- Sclera latioralis* Walk. Proc. Linn. Soc. I. 1852. 1. — *Borneo*.
- utilis* Walk. l. c. I. 165. 2. — *Borneo*.
- humeralis* Hol. Nat. Tijdschr. Ned. Ind. XVII. 73. 3. — *Amboina*.
- selecta* Walk. Proc. Linn. Soc. III. 77. 1. — *Java*.
- longipes* Walk. l. c. V. 183. 1. — *Tondano*.
- ponderosa* Walk. l. c. VII. 138. 1. — *Ceram*.
- varipes* Walk. l. c. VIII. 166. 1. — *New Guinea*.
- filipes* Walk. l. c. VIII. 181. 3. — *New Guinea*.

This species, with its peculiar long and slender legs, certainly requires a new genus; Walker was of the same opinion, but the specimen, which he described, was in too bad a condition for drawing the general characters.

- rufithorax* v. d. Walp., Dipt. Sum. sup. 2. 1. pl. 1 L. 1; Röhn. Berl. Ent. Zeitschr. XXXIX. 29. — *Sumatra, Ceylon*.
- subcosta* v. d. Walp., Tijdschr. v. Entom. XXV. 177. 3. pl. 11. f. 15. — *Java*.
- grisea* Röhn. Berl. Entom. Zeitschr. XXXIX. 29. — *Borneo*.
- retorta* Röhn. l. c. 29. — *Himalaya*.
- elongatula* Röhn. l. c. 29. — *Ceylon*.

Olfestonys Robinson.

Berl. Entom. Zeitschr. XXXIX. 29 (1894).

- 94. *Frühstorferi* Röhn. Berl. Entom. Zeitschr. XXXIX. 29. — *Java*.

The generic name *Olfestonys* is preoccupied in Coleoptera by Stephens (1839) and by Guérin (1842).

Glyphyoptera Winn.

Verh. Zool. bot. Ges. BIL. 161 (1862).

- 95. *Winkleri* Lohm. Ann. apes. 29 (Leid.); Moig. Syst. Dierkt. VII. 49. 49 (Leid.); Winn. Mon. Mycetoph. 119. 2; v. d. Walp., Dipt. Sum. sup. 1. 1. — *Europe, Sumatra. Also North America* (see Osten Sack., Catal. Dipt. N. Amer. 1878 p. 11).

The generic name *Glyphyoptera* was preoccupied in Insect Coleoptera by Haer (1852); Osten Sacken therefore changed it to *Neoglyphyoptera* (l. c. p. 19).

Leia Meig.

Syst. Beuch. I. 722 (1823).

L. indicus Walk. Proc. Linn. Soc. VII. 223. L. —, Malacca.

Euphorbia Winn.

Verh. Zool. Nat. Ges. XIII. 728 (1823).

The generic name was preoccupied in *Forsteria* by Hagen (1825); it is changed to *Allophorbia* by Osten Sacken (Catal. p. 3).

E. longica Ind. Nat. Tijdschr. Ned. Ind. XIV. 292. pl. 4 f. 2. (*Scirpophila*). — Java.

According to the figure the species belongs to the genus *Euphorbia*.

Myrostophila Meig.

Illig. Magaz. II. 252 (1823).

M. himantula Walk. List Dipt. Brit. Mus. I. 169. — East India.
• *obscurata* Walk. Proc. Linn. Soc. VIII. 126. L. —, Suluwatti.

Platysia Meig.

Illig. Magaz. II. 254 (1823).

Pl. venusta Walk. Dipt. Scandin. 491. — East India.

RIBIONIDAE.

Ribia Geoffr.

Ins. II. 471 (1786).

R. minor Walk. List Dipt. Brit. Mus. I. 221. — East India.
• *shollana* Ost. Sack. Ann. Mus. Gen. XVI. 269. — New Guinea.
• *platyoides* Ost. Sack. l. c. 269. — New Guinea.
• *rubicundus* v. d. Walp. Nat. Leyd. Mus. VII. 251. 4. — Java.

Phoria Wied.

Ann. Zool. I. 72 (1823).

Ph. subseriata Fabr. Syst. Arct. (Mictus); Wied. Dipt. anal. I. 31. 22 (*Psocothrips*); Ill. Ann. Zool. I. 73. 2; Manq. Sack. & Buff. I. 176. 1; Ind. Nat. Tijdschr. Ned. Ind. X. 467. pl. 6 f. 2; Schin. Dipt. Nov. Reine. 11; Bond. Ann. Mus. Gen. VII. 423; Ost. Sack. Ann. Mus. Gen. XVI. 267; Ill. Zool. Nat. Schinck. XXVI. 92;

v. d. Wulp, *Dipt. Sam. sup.* 1; Kirby, *Proceed. Zool. Soc. Lond.* 1893, 196; *Ill. Ann. and Mag. of Nat. Hist.* 1894, 468. — Singapore, Mount Ophir, Sumatra, Java, Borneo, Celebes, Ternate, Timor-Laut, Philippines, Ryool, New Guinea.

Syn. *Pl. dorsalis* Wulk. *Proc. Linn. Soc.* 1. 3. 1.

Phlebotomus melanopus Wied. *Ann. Zool.* 1. 18. 1 (*Phlebotomus*); Ost. *Sack. Ann. Mus. Gen.* XVI. 397. — China, Nepal, Java.

Syn. *Phlebotomus japonicus* Wied. *Ann. Zool.* II. 415; Liew, *Berl. Ent. Zeitschr.* II. 108.

? *Cratichnele Matsushidai* Oshim. *Bull. de Muséum*, 1895, 180; Liew, *Berl. Ent. Zeitschr.* II. 108.

Phlebotomus japonicus Wulk. *Linn. Dipt. Berl. Mus.* 1. 118.

If *Phlebotomus japonicus* and *Cratichnele Matsushidai* are identical with *Phlebotomus melanopus*, this species also occurs in European Russia, Siberia and Japan.

• *Phlebotomus* Guér. *Voy. de la Coquille*, *Zool.* 801, pl. 412 (*Phlebotomus*). — *Chrysomelid.*

• *subcrucians* Wulk. *Proc. Linn. Soc.* 1. 181. 4. — Borneo.

• *temporata* Rond. *Ann. Mus. Gen.* VII. 483; Ost. *Sack. Ann. Mus. Gen.* XVI. 397. — Borneo, Java.

• *scriptata* Ost. *Sack. Ann. Mus. Gen.* XVI. 397. — Sumatra.

• *tristis* v. d. Wulp, *Nat. Leyd. Mus.* VI. 151. 5. — Java.

Dilophus Meig.

Illig. Musc. II. 184 (1803).

D. gracilis Big. *Journ. Asiat. Soc. of Bengal*, LIX (1890) 242. — *Chrysomelid.*, India.

The genus *Dilophus* is also represented on Java (see Ost. *Sack. Ann. Mus. Gen.* XVI. 397).

SIMULIDÆ

Simulium Latr.

Hist. nat. Crust. et Ins. XIV. 384 (1805).

S. indicum Becker, *Journ. Asiat. Soc. Bengal*, LXX (1894) 129, pl. 127. — *Ascan.*

CULICIDAE.

Megurhina Rob. D.

Mém. Soc. d'hist. nat. Paris, III. 442 (1837).

- M. splendens* Wied. Zool. Mag. III. 2. 1 (Color); id. Dipt. exot. I. 1. 2 (Color); id. Ann. Zool. I. 2. 2 (Color); Musc. Nat. 4. Berl. I. 33. 2 (Color); Schin. Dipt. Nov. Holst. XI. 2; v. d. Walp. Dipt. Sam. exot. 3. 1. pl. 1 f. 2. — Java, Sumatra, Singapore.
- ambolensis* Dol. Nat. Tijdschr. Ned. Ind. XIV. 281, pl. 5 fig. 2. — Ambolus.
- Syn. Culx arafur,* Dol. Nat. Tijdschr. Ned. Ind. XIV. 282, pl. 5 f. 1; id. XVIII. 78.
- amburicus* Walk. Proc. Linn. Soc. IV. 26. 1. — Mysol, Celebes, Coen.
- incrusta* Walk. l. c. VIII. 182. 2. — New Guinea.

Culx Linn.

Fam. Suec. 1859 (1761).

- C. molestus* Wied. Dipt. exot. I. 22; id. Ann. Zool. I. 242. 1. — Sumatra.
- insiger* Wied. Ann. Zool. I. 2. 2; Musc. Dipt. ex. I. 2. 128. — Java (Wied.); east of Ceylonidol (Musc.).
- furcatus* Wied. C. 2. 2; Walk. Proc. Linn. Soc. I. 5. 2; id. 162. 5. — East India (Wied.); Hindostan, Malacca, Borneo (Walk.).
- affligens* Wied. Ann. Zool. I. 18. 17. — East India.
- oblongus* Wied. l. c. 242. 2. — Sumatra.
- vagus* Wied. l. c. 242. 2. — China.
- singulatus* Dol. Nat. Tijdschr. Ned. Ind. X. 482. 1. pl. 7 f. 2. — Java.
- Nova* Dol. l. c. XIV. 385. pl. 5 f. 2. — Java.
- celatus* Dol. l. c. XIV. 384. pl. 2 f. 4. — Java.
- sericus* Dol. l. c. XIV. 384. pl. 2 f. 1. — Java.
- maculatus* Dol. l. c. XIV. 385. pl. 4 f. 1. — Ambolus.
- variegatus* Dol. l. c. XVIII. 77. 1. — Ambolus.
- scutellaris* Walk. Proc. Linn. Soc. III. 77. 2. — Java.

Culex abstrusus Walk. Proc. Linn. Soc. IV. 31. 2. — *Myad*, *Culex*, Deery (New Guinea).

- *impudicus* Walk. l. c. IV. 31. 2. — *Culex*.
- *impudicus* Walk. l. c. IV. 31. 2. — *Culex*.
- *impudicus* Walk. l. c. V. 144. 2. — *Anopheles*.
- *ventralis* Walk. l. c. V. 144. 2. — *Anopheles*.
- *ventralis* Walk. l. c. VIII. 183. 2. — *New Guinea*.

Names in locution, see the preceding species.

- *coincens* *Prasad*, *Verhandl. Zool. bot. Ges. Wien*, XVII. 441. —

On board of ship. *Novae* in the China sea.

- *diva* *Schulz*, *Dipt. Nov. Reine*, 31. 2. — *Singapore*, *Java*.

Syn. C. crassipes Walk. Proc. Linn. Soc. l. 2.

- *longipes* v. d. *Walp*, *Dipt. Nov. Reine*, 31. 2. pl. 1 f. 2. — *Sumatra*.
- *crassipes* v. d. *Walp*, l. c. 31. 2. pl. 1 f. 4. — *Sumatra*.

Anopheles *Melp.*

Syn. Reine, l. 10 (1813).

- *sharshi* *Wood*, *Ann. Zool.*, l. 147. 7; *Prasad*, *Verhandl. Zool. bot. Ges. Wien*, XVII. 448. — *China*.

- *sharshi* Walk. Proc. Linn. Soc. IV. 31. 2. — *Culex*.

- *sharshi* v. d. *Walp*, *Nat. Lapid. Mus. VI*, 248. 1; 18. *Tijdschr. v. Entom.*, XXVIII. 33. 1. pl. 4 f. 1. — *Java*.

- *sharshi* v. d. *Walp*, *Nat. Lapid. Mus. VI*, 248. 2; 18. *Tijdschr. v. Entom.*, XXVIII. 33. 2. pl. 4 f. 2. — *Java*.

Cosethra *Melp.*

Illig. Magaz. II. 268 (1802).

- *sharshi* *Schulz*, *Dipt. Nov. Reine*, 30. 1. — *Sumatra*.

CHIRONOMIDÆ.

Chironomus *Melp.*

Illig. Magaz. II. 261 (1802).

- *sharshi* *Thomas*, *Dipt. Expos. Reine*, 448. 2. — *China*.

- *sharshi* *Wood*, *Ann. Zool. bot. Ges. VII*, 448. — *Sumatra*.

Chironomus Meig.

Htg. Magn. II, 240 (1803).

- Ch. venustus* Wied. Ann. Zool. I, 343, 3. — China.
 • *acutus* Walk. List. Dipt. Brit. Mus. I, 18. — East India.
 • *rubicundus* Dol. Nat. Tijdschr. Nat. Ind. X, 408, 3, pl. 5 f. 2. — Java.
 • *platus* Dol. I. c. XIV, 294, pl. 7 f. 2. — Java.
 • *circulus* Walk. Dipt. Europ. 488. — East India.
 • *luteicollis* Walk. Proc. Linn. Soc. VIII, 108, 3. — New Guinea.
 • *trichostictatus* Thoms. Dipt. Europ. Rem. 443, 4. — Manila.

Tanytus Meig.

Htg. Magn. II, 261 (1803).

- T. eras* Wied. Anal. entom. IX, 1; id. Ann. Zool. I, 18, 2; v. 4.
 Walk. Nat. Lepad. Mus. VI, 320, 2. — Java.
Eyn. T. parvulus Dol. Nat. Tijdschr. Nat. Ind. X, 408, 3,
 pl. 6 f. 1.
 • *T. aratus* Dol. I. c. XIV, 293, pl. 7 f. 1.
 • *melanurus* Dol. I. c. X, 408, 4, pl. 4 f. 1. — Java.
 • *opacumaculatus* Dol. I. c. X, 408, 4, pl. 11 f. 1. — Java.
 • *signatellus* Dol. I. c. X, 408, 4, pl. 11 f. 2. — Java.
 • *manillensis* Sjöln. Dipt. Nov. Belin, 18, 3. — Manila.

Macropes Meig.

Syst. Beuch. I, 87 (1813).

- M. gibbosus* Wied. Anal. entom. 10; id. Ann. Zool. I, 89, 1; Macq.
 Gall. & Hoff. I, 59, 2. — East India.

DIXIDÆ**Dixa** Meig.

Syst. Beuch. I, 516 (1813).

- D. pallipennis* Thoms. Dipt. Europ. Rem. 449, 3. — China.

TIPULIDÆ**LYCOPALPI****Scambocera** Oat. Sack.

Berl. Ent. Zeitschr. XXVI, 98 (1881).

- Sc. rufifrons* Walk. Proc. Linn. Soc. V, 144, 4 (Macanotis). — Ambolia.
 • *apicata* Oat. Sack. Berl. Ent. Zeitschr. XXVI, 98, f. 1. — Philippines.

Neptostocera Wied.

Ann. Zweif. I. 35 (1836).

- N. insana** Wied. Dipt. ex. I. 29 (*Neustocera*); ib. p. 41 (*Neoblastocera*);
 id. Ann. Zweif. I. 35, 1; Macq. Beitr. z. Ent. I. 114, 2, pl. 2
 f. 18; id. Dipt. ex. supp. I. 18, 2, pl. 2 f. 4; Out. Sach. Ann.
 Mus. Gen. XVI, 249; v. d. Walp., Nat. Leyd. Mus. VII. 2, 18;
 id. Tijdschr. v. Entom. XXVIII, 55, 5, pl. 4 f. 4. — Jarn.
 Coléob., Pennsylv., Ariz.

Prionocera v. d. Walp.

Nat. Leyd. Mus. VII. p. 1 (1830); Out. Sach. Berl. Ent.
 Zeitschr. XXX p. 161.

- Pr. nigripes** v. d. Walp., Nat. Leyd. Mus. VII. 2, 18; id. Tijdschr. v.
 Entom. XXVIII, 55, pl. 4 f. 4. — Jarn.

Pselliophora Out. Sach.

Berl. Entom. Zeitschr. XXX, 161 (1836).

- Ps. taeta** Fabr. Ent. Syst. IV, 323, 55 (*Tiptula*); id. Syst. Antl. 19,
 5; Wied. Dipt. exot. I. 29, 1; id. Ann. Zweif. I. 35, 2, pl. 2 f. 1;
 Macq. Dipt. exot. I. 1, 45, pl. 3 f. 1; Wied. Ent. Journ. 7,
 441 (*Oncophora*). — East India (Bombay, Beluch., Ceylon).
- ardens Wied. Dipt. exot. I. 29, 2; id. Ann. Zweif. I. 35, 2
 (*Oncophora*). — Jarn.
- compressa Wied. Dipt. exot. I. 21, 2; id. Ann. Zweif. I. 39, 4;
 v. d. Walp., Tijdschr. v. Entom. XXIII, 125, 5, pl. 10 f. 1;
 id. Nat. Leyd. Mus. VI, 221, 4 (*Oncophora*). — Jarn., Coléob., Ariz.
- fuscescens Macq. Dipt. exot. supp. I. 18, 2, pl. 1 f. 4 (*Oncophora*). —
 Jarn. (see Doubt).

Syn. *Oncophora fuscescens* Del. Nat. Tijdschr. Ent. Ind. X,
 466, 5, pl. 3 f. 1; v. d. Walp., Tijdschr. v. Entom. XXII,
 125, 5, pl. 10 f. 2; id. Nat. Leyd. Mus. VI, 221, 5.

In his «*Studies on Tiptilinae*» (Berl. Ent. Zeitschr. XXX, p. 172)
 Out. Sach. already conjectured, that *Oncophora fuscescens*
 Macq. could not be a South-American species. Since that time
 he has seen the typical specimen of *O. fuscescens* Macq. in the
 collection of Nipet. This type is labelled «Jarn.» and identical

with *O. javanica* Del. — Macquart's indication about the Brazilian origin of the species must be a mistake.

Pa. Taprobanae Walk. List Dipt. Brit. Mus. I. 77 (*Otiophora*). — Ceylon.

• *funipennis* Walk. Dipt. Scandin. 489 (*Otiophora*); Ost. Sack. Berl. Ent. Zeitschr. XXX. 179. 5. — China.

• *chrysopis* Walk. Proc. Linn. Soc. I. 5. 3 (*Otiophora*). — Singapore.

• *incertans* Walk. l. c. IV. 92. 8; v. d. Walp. Not. Leyd. Mus. VI. 154. 9 (*Otiophora*); Ost. Sack. Berl. Ent. Zeitschr. XXX. 171. 5. — Ceylon, Bangor, Timbura.

Syn. Otiophora velutina v. d. Walp. Not. Leyd. Mus. VI. 154. 10.

In Berl. Ent. Zeitschr. l. c. Osten Sacken considered the latter (*velutina*) as a distinct species; but recently he wrote me: "Since my statement in 1868 I have changed my opinion about *velutina*. I have seen in Bigot's collection a ♂ and ♀, labelled *incertans* and coming from the same locality in Ceylon. The male has the colouring of *incertans*, the female that of *velutina*, and nevertheless they undoubtedly belonged together. The partly black and yellow *Pselliophora* are subject to variation, for instance *Pa. funipennis* from China."

• *gambica* Walk. Proc. Linn. Soc. IV. 92. 10; Ost. Sack. Ann. Mus. Gm. XVI. 299 (*Otiophora*); id. Berl. Ent. Zeitschr. XXX. 171. 7. — Ceylon.

• *maipennis* Ost. Sack. Berl. Ent. Zeitschr. XXVI. 98 (*Otiophora*). — Philippines.

• *halia* Ost. Sack. l. c. 94 (*Otiophora*). — Philippines.

• *fulva* Ost. Sack. l. c. 94 (*Otiophora*). — Philippines.

• *curvipes* v. d. Walp. Not. Leyd. Mus. VI. 154. 7 (*Otiophora*). — Gorontalo.

• *annulosa* v. d. Walp. l. c. VII. 1 (*Otiophora*). — Ceylon.

• *rubra* Ost. Sack. Berl. Ent. Zeitschr. XXX. 171. 6. — Moshat, Laos.

Otiophora Meig.

Hlg. Magaz. II. 183 (1800).

O. xanthomelana Walk. List Dipt. Brit. Mus. I. 77. — East India.

According to Osten Sacken this species is represented in the

British Museum by a single female specimen. Perhaps it may be also a *Psilophora*, which however is uncertain, because the male as yet is unknown.

cf. melanura Walk. (Lit. Dipt. Brit. Mus. 1.) from Nepal must be struck out, for Osten Sacken, who examined the typical specimen in the British Museum, has stated that it is not still a *Chasmodon*, but a large species of *Argas*. See Ost. *Bull. Berl. Entom. Zeitschr.* XXX. 189; and v. d. Wulp (*Tipische v. Entom.* XXVIII. 87).

Tipula Linn.

Fam. Syst. 458 (1751).

- T. pallida* Wied. *Dipt. exot.* I. 39. 2; *id.* Ann. Zool. I. 45. 7; v. d. Wulp, *Dipt. Sum. exp.* 10. 1; Ost. *Bull. Berl. Ent. Zeitschr.* XXVI. 92. — Java, Sumatra, Borneo, Philippines.
- perspicua* Wied. Ann. Zool. I. 49. 1; Macq. *Nat. i. Hist.* I. 51. 3; *id.* *Dipt. exot. supp.* 2. T. pl. 1 & 1; Gu. v. Tschsch. *Tipische v. Entom.* I. 89; *Del. Nat. Tipische. Ned. Ind.* XIV. 187; Ost. *Bull. Ann. Mus. Gen.* XVI. 289; *id.* *Bull. Ent. Zeitschr.* XXX. 183. — Java, Sumatra, Amboina. Also Japan (Gu. v. Vell.).
- monilifera* Wied. Ann. Zool. I. 41. 3; Macq. *Dipt. exot. supp.* 2. 2, pl. 1 & 2. — Java.
- umbellata* Wied. Ann. Zool. I. 48. 14; v. d. Wulp, *Tipische v. Entom.* XXIII. 158. 4; H. *Nat. Leyd. Mus.* VII. 4. 14; Ost. *Bull. Ann. Mus. Gen.* XVI. 292. — Java, Sumatra.
- Syn. T. costata* Macq. *Dipt. exot.* I. 1. 24. 4.
- asperata* Walk. *Proc. Linn. Soc.* V. 281. 2.
- venusta* Walk. *Lit. Dipt. Brit. Mus.* I. 64. — Sibut.
- fulvipennis* Walk. l. c. I. 67. — Nepal.

The name must be changed as there is a *T. fulvipennis* de B. (= *latens* Fabr.).

- repanda* Walk. l. c. I. 63. — Nepal.
- melanura* Walk. l. c. I. 63. — Nepal.
- nana* Walk. l. c. I. 71. — Hongkong.
- obscura* Walk. *Dipt. Sumat.* 444. — East India.
- sibia* Walk. *Proc. Linn. Soc.* I. 166. 27. — Borneo.
- longicornis* *Del. Nat. Tipische. Ned. Ind.* XVII. 19. 2. — Amboina.

The name must be changed on account of the European *T. longicornis* Schumacher.

T. infundens Walk. Proc. Linn. Soc. IV. 98. 7. — Celebes, Ceram.

• *translucens* Walk. l. c. IV. 93. 8. — Celebes.

• *humilis* Walk. l. c. V. 145. 2. — Amboina.

Walker considers this species as identical with *T. longicornis* Del., but in his description (regarding the male only) the antennae are stated as «much shorter than the thorax», whilst DeMeillon calls them «capite thoracique longioribus», a character which evidently is represented in an isolated drawing of the latter author.

I therefore believe, that the two are different species.

• *pallida* Walk. Proc. Linn. Soc. VIII. 103. 12. — New Guinea.

• *pusillifrons* Rond. Ann. Mus. Gen. VII. 442. — Borneo.

• *errans* v. d. Wulp, Nat. Leyd. Mus. VII. 2. 12. — Saraban.

• *plumbea* v. d. Wulp, l. c. VII. 2. 15. — Java.

• *leucopyga* v. d. Wulp, l. c. VII. 2. 12, 13. Tijdschr. v. Entom. XXVIII. 54. 2. pl. 4 f. 2. — Java.

Pachyrhina Macq.

Robt. & Hoff. l. 58 (1824).

P. javana Wied. Dipt. exot. l. 22. 7; id. Ann. Entom. l. 31. 18 [Tijdsch.] — Java.

• *humboldtii* Macq. Dipt. exot. supp. 2. 12. 59; v. d. Wulp, Tijdschr. v. Entom. XXIII. 153. 5; id. Dipt. Sum. sup. 19. 1. — Bontey, Java, Sumatra.

• *datta* Walk. Dipt. Sumat. 448. — East India.

• *tripartita* Walk. Proc. Linn. Soc. V. 121. 2. — New Guinea.

• *foveata* Walk, l. c. VIII. 106. 12. — New Guinea.

• *colorata* Walk. l. c. VIII. 101. 2. — Salawati.

• *DeMeillonii* Out. Sach. Ann. Mus. Gen. XVI. 302. — Java, Sumatra.
Syn. *Tijdsch. javana* Del. Nat. Tijdschr. Nat. Ind. X. 208. 8.
pl. 2. f. 2.

• *P. foveata* Macq. Robt. & Hoff. l. 58. 8.

• *fundatrix* Out. Sach. Ann. Mus. Gen. XVI. 401. — Sumatra.

• *melanura* Out. Sach. l. c. 401. — New Guinea.

• *incanum* Out. Sach. Berl. Ent. Zeitschr. XXVI. 92. — Philippinen.

• *ortiva* Out. Sach. l. c. 92. — Philippinen.

- Pachytrina nigro-aureolata* v. d. Walp., Not. Lepid. Mus. VII.
 3. 28. — *Musini*.
 • *quadricollata* v. d. Walp., l. c. VII. 3. 21. — *Java*.
 • *triplicata* v. d. Walp., l. c. VII. 18. 22. — *Java*.
 • *immixtata* v. d. Walp., *Tipische*, v. *Entom.* XXXIV. 128. — *Java*.

DIENIPHILA.

Gestunomyia Hal.

Entom. Mag. I. 164 (1843).

- G. vestitana* Wied., *Ann. Zool.* I. 511. 17 (*Glossoph.*) — *Sumatra*.
 • sp., *Indones.*, *Ort. Sack.*, *Berl. Ent. Zeitschr.* XXXI. 128. — *Ceylon*.

Dicranomyia Steph.

Ort. Sack. loc. (1843).

- D. satana* Hal., *Nat. Tijdschr. Ned. Ind.* XIV. 390. pl. 2 f. 8 (*Glossoph. satana*? *satana*); *Ort. Sack.*, *Berl. Ent. Zeitschr.* XXVI. 53. — *Java*, *Philippinen*.

Dicranoptycha Ort. Sack.

Proceed. Acad. of nat. sciences, Philadelphia,
 1859, p. 292 and 311.

- D. signatella* v. d. Walp., *Tijdschr. v. Ent.* XXXVIII. 28. pl. 2
 f. 1. — *Java*.

Gastodinaura v. d. Walp.

Tijdschr. v. Entom. XXXVIII. 27 (1865).

- G. nigripes* v. d. Walp., l. c. 28. pl. 2 f. 2. — *Java*.

Limnobia Halp.

Syn. Faun. I. 116 (1845).

- L. costalis* Wied., *Ann. ent.* 18; *id.* *Ann. Zool.* I. 23. 21. —
East India.
 • *apicalis* Wied., *Ann. Zool.* I. 511. 18. — *Sumatra*.
 • *tibialis* Wied., l. c. I. 523. 21. — *China*.

- E. atrovirens* Walk. Dipt. Scandin. 514. — East India.
- E. sanguinea* Del. Nat. Tijdschr. Ned. Ind. XIV. 593. pl. 2 f. 3. — Java.
- E. infusa* Walk. Proc. Linn. Soc. VIII. 164. 3. — New Guinea.

The last species is a true *Limnobia*, according to Osten Sacken, who has examined the type in the British Museum (see Berl. Ent. Zeitschr. XXXI. p. 175). All the preceding ones are placed here only for the want of more exact data; *E. infusa* may indeed be a *Limnobia*; *atrovirens* belongs probably to *Sciocera* (see Ost. Zsch.).

Dipanoptera Ost. Sack.

Ost. Sack. monogr.; Westw. Trans. Ent. Soc. London, 1881. 363; Ost. Sack. Berl. Ent. Zeitschr. XXXI. 178.

- D. perdivera* Walk. Proc. Linn. Soc. V. 438. 4 (*Limnobia*). — New Guinea.
- D. aurata* Walk. l. c. VII. 293. 4 (*Limnobia*). — Borneo.
- D. phaeopneusta* Walk. l. c. VIII. 163. 6 (*Limnobia*); Westw. Trans. Ent. Soc. Lond. 1881. 365. pl. 12 f. 2. — New Guinea.
- D. latifrons* Walk. Proc. Linn. Soc. VIII. 164. 7 (*Limnobia*). — New Guinea.

Lilanthus Westw.

Trans. Ent. Soc. Lond. 1878. 343.

- L. aeneiventris* Del. Nat. Tijdschr. Ned. Ind. XVII. 75. 4 (*Limnobia*); Ost. Sack. Berl. Ent. Zeitschr. XXXI. 181. — Amboyna.
- L. impressa* Walk. Proc. Linn. Soc. I. 106. 2 (*Limnobia*). — Borneo.
- L. impressus* Walk. l. c. IV. 52. 6 (*Limnobia*). — Celebes.
- L. strigilicornis* Walk. l. c. V. 313. 4 (*Limnobia*). — New Guinea.
- L. quadrifrons* Walk. l. c. V. 313. 3 (*Limnobia*). — New Guinea.
- L. lunulicollis* Walk. l. c. VII. 291. 4 (*Limnobia*). — Ceylon.
- L. thurstonianus* Westw. Trans. Ent. Soc. Lond. 1878. 343. pl. 10 f. 4. — Ceylon.
- L. nitida* v. d. Walp. Tijdschr. v. Entom. XXI. 184. 1. pl. 12 f. 4; id. Dipt. Scandin. sup. 18. 1. — Sumatra.
- L. simplex* Ost. Sack. Ann. Mus. Hist. Nat. XVI. 469. — Borneo.
- L. parvifrons* Ost. Sack. l. c. 473. — Java, Sumatra.
- L. Sumpfordi* Ost. Sack. Berl. Ent. Zeitschr. XXVI. 53. — Philippines.

Littorites lemniscatus Oot. Sack. Berl. Ent. Zeitschr. XXVI. 68. — Philippines.

• *laevigatus* Oot. Sack. l. c. 68. — Philippines.

***Tenebrionellus* Oot. Sack.**

Proc. Acad. nat. sc. Philad. 1889. 120.

T. apolloni Walk. Proc. Linn. Soc. VIII. 186. 10 (*Linnæus*); Oot. Sack. Berl. Ent. Zeitschr. XXXI. 158. — New Guinea.

• *lineator* Oot. Sack. Ann. Mus. Civ. XVI. 494. — Sumatra.

• *fructuosa* Oot. Sack. Berl. Ent. Zeitschr. XXXI. 158. — Ceylon.

• *determinata* Oot. Sack. l. c. XXXI. 158. — Sulu (Indo-Malay archipelago).

***Elephantomyia* Oot. Sack.**

Proc. Acad. nat. sc. Philad. 1889. 120.

E. argenteolactea Walk. Proc. Linn. Soc. l. 187. 10 (*Linnæus*). — Borneo.

• *delectata* Walk. l. c. VII. 244. 8 (*Linnæus*). — Cochin.

• *diffusa* Walk. l. c. VIII. 151. 2 (*Linnæus*); Oot. Sack. Berl. Ent. Zeitschr. XXXI. 155. — Sakawan.

These species are only previously placed in this genus (see Oot. Sack. l. c.).

***Meguma* Wats.**

Trans. Ent. Soc. Lond. 1881. 344.

M. Tricuspis Wied. Ann. Zurich. l. 181. 13. pl. vii. f. 12 (*Linnæus*); May. Sult. & Doll. l. 189. 21 (*Linnæus*); Oot. Sack. Berl. Ent. Zeitschr. XXVI. 66. — Sumatra.

• *affinis* Del. Nat. Tijdschr. Ned. Ind. XIV. 381. pl. & f. 1 (*Cyllodactylus*); Oot. Sack. Berl. Ent. Zeitschr. XXVI. 66. — Java.

• *tenax* Oot. Sack. Berl. Ent. Zeitschr. XXVI. 68. — Philippines.

• *penalpa* Oot. Sack. Berl. Ent. Zeitschr. XXXI. 164. — Borneo.

***Cremnia* v. d. Walp.**

Tijdschr. v. Entomol. XXIII. 169. (1860).

C. irritata Wied. Ann. Zurich. l. 174. 2 (*Linnæus*); v. d. Walp.

Tipula, v. *Euton*. XXIII. 161. 7. pl. 19 l. 5—7. — Java, Sumatra, China. Also Australia (note Hesse in Ill.).

Eyn, *Limnophila* *substituta* Walk. List Dipt. Brit. Mus. I. 39 (note Oct. Such., who saw the type in the British Museum).

• *Limnophila* *crux* End. Nat. *Tipula*, Nord. Ins., XIV. 266, pl. 4 f. 3.

***Epiphragma* Oct. Such.**

Proc. Ac. nat. sc. Philad. 1838 (1839).

E. insignis v. d. Walp., *Tipula*, v. *Euton*. XXI. 176. 2. pl. 15 l. 5. — Sumatra.

***Limnophila* Mayr.**

Such. & Raff. I. 36 (1844).

L. terminalis Walk. *Proc. Linn. Soc.* V. 236. 7 (*Limnophila*). — New Guinea.

The type of this species in the British Museum is injured, but seems to belong to *Limnophila* with five posterior cells (Oct. Suchins).

• *ochroma* Walk. l. c. VI. 4. 1 (*Limnophila*). — Ginea.

The location in the genus *Limnophila* is doubtful, as the type in the British Museum has no antennae (Oct. Suchins).

• *substituta* Walk. l. c. VII. 281. 2 (*Limnophila*). — Myed.

• *confusum* Walk. l. c. VIII. 184. 9 (*Limnophila*). — New Guinea.

• *trigynata* Walk. l. c. ~~IX~~ 108. 18 (*Limnophila*). — New Guinea.

The last three species belong to *Limnophila* (note Oct. Suchins, who has examined the types in the Brit. Museum).

***Pseudostola* Schin.**

Wien. Ent. Monatsch. VII. 259 (1863).

P. pallens v. d. Walp., *Nat. Leyd. Mus.* VII. 13. 37, 38. *Tipula*, v. *Euton*. XXVIII. 66. 3. pl. 4 f. 8. — Java.

***Gynoplistia* Warse.**

Leid. and Britsh. phil. Mag. 1835. 260.

G. jurgens Walk. *Proc. Linn. Soc.* III. 78. 4. — Java.

• *fulvipes* Walk. l. c. V. 214. 18. — New Guinea.

- Cynophthalma melanochelone* Walk. Proc. Linn. Soc. VII. 202. 2. — Mysol.
 • *lineata* Walk. l. c. VIII. 421. 2. — Calcutta.
 • *javana* Cat. Duck. Ann. Mus. Gen. XVI. 485. — Cebu.

Trichocera Meig.

Meig. Dipt. II. 262 (1803).

- Tr. scutellata* Walk. Dipt. Svensk. 422. — East India.

Eristocera Macq.

Dipt. exot. l. l. 74 (1835).

- E. arcuata* Wied. Dipt. exot. l. 14. 2 (*Lineola*); M. Ann. Zool. l. 18. 4 (*Lineola*); Macq. Dipt. exot. l. 1. 68. 2. pl. 2 f. 1 (*Sphindrotoma*); M. supp. l. 13. 2. pl. 2 f. 6 (*Lineola*); M. supp. l. 7 (*Sphindrotoma*); v. d. Walp. Nat. Leyd. Mus. VII. 11. 22. — Java. — ? Bengel (Macq.).

Eya. ? *Lineola* Niess Macq. Nat. l. Buff. l. 187. 29; Walk.

List Dipt. Brit. Mus. l. 42.

Eristocera javana Del. Nat. Tijdschr. Ned. Ind. XIV. 587. pl. 2 f. 2.

- *basilaris* Wied. Dipt. exot. l. 15. 2; M. Ann. Zool. l. 15. 7 (*Lineola*). — Java.
 • *managrytha* Wied. Ann. Zool. l. 26. 2 (*Lineola*). — Java.
 • *verticalis* Wied. l. c. l. 16. 2 (*Myristocera*); v. d. Walp. Tijdschr. v. Entom. XXXVIII. 29. pl. 2 f. 6. — Java.

Eya. ? *Myristocera atra* Del. Nat. Tijdschr. Ned. Ind. XVII. 62. 2.

- *capitata* Westw. Ann. Soc. Ent. France, 1855. 451; M. Trans. Ent. Soc. Lond. 1881. 372 (*Calyptra*). — Nepal.
 • *minor* Macq. Dipt. exot. l. 1. 68. 1. pl. 2 f. 2 (*Lineophila*); v. d. Walp. Dipt. Svensk. exp. 11. 1. pl. 1 f. 4, 5. — Bengel, Sumatra.
 • *hilpa* Walk. List Dipt. Brit. Mus. l. 72 (*Pteronoma*); v. d. Walp. Nat. Leyd. Mus. VII. 12. 22. — China.
 • *solitaria* Walk. List Dipt. Brit. Mus. l. 72 (*Pteronoma*). — Nepal.
 • *sumatrensis* Macq. Dipt. exot. supp. 4. 18. 11. pl. 1 f. 1 (*Lineola*). — Sumatra.

- E. albomaculata* Lill., *Peter's Reise etc.*, pl. 1 t. 1 (*Limnobia*); *Out. Sach. Berl. Ent. Zeitschr.* XXXI. 322, v. *Rider, Entom. Nachr.* XIX. 334, 1. — *Mosambique* (Lill.); *Ceylon* (*Out. Sach. and v. Rider*).
- *leucostictus* Walk., *Proc. Linn. Soc. L. S.* 3 (*Limnobia*). — *Singapore*.
 - *photoides* Walk., l. c. L. S. 3 (*Limnobia*). — *Singapore*.
 - *distans* Walk., l. c. L. S. 3 (*Limnobia*). — *Mount Ophir*.
 - *rufescens* Walk., l. c. L. 105, 3 (*Limnobia*). — *Borneo*.
 - *pyrrhocroma* Walk., l. c. L. 105, 3 (*Limnobia*). — *Borneo*.
 - *insigera* Walk., l. c. L. 105, 11 (*Phaenoceros*). — *Borneo*.
 - *indica* Walk., l. c. L. 105, 12 (*Phaenoceros*). — *Borneo*.
 - *aptabilis* Walk., l. c. L. 105, 13 (*Phaenoceros*). — *Borneo*.
 - *combustata* Walk., l. c. L. 105, 14 (*Phaenoceros*). — *Borneo*.
 - *diffusa* Walk., l. c. L. 105, 15 (*Phaenoceros*). — *Borneo*.
 - *albipuncta* v. d. Walp., *Tijdschr. v. Entom.* XXXII. 168, 6, pl. 18 t. 3, 4; 16, *Nat. Leyd. Mus.* VII. 11, 34. — *Java*.
 - *insula* Wentr., *Trans. Ent. Soc. Lond.* 1851, 305, pl. 16 f. 4. — *Sarawak*.
 - *marum* *Out. Sach. Ann. Mus. Gen.* XVI. 466. — *Cebu*.
 - *soliman* *Out. Sach.* l. c. XVI. 466. — *Samar*.
 - *peruviana* *Out. Sach. Ind. Ent. Zeitschr.* XXVI. 91. — *Philippines*.
 - *mananeta* *Out. Sach.* l. c. XXVI. 92. — *Philippines*.
 - *terrestris* v. d. Walp., *Nat. Leyd. Mus.* VII. 13, 24. — *Java*.
 - *Bombardii* *Out. Sach. Berl. Ent. Zeitschr.* XXXI. 321. — *Ceylon*.
 - *malayalis* *Out. Sach.* l. c. XXXI. 321. — *Ceylon*.
 - *pachyphana* *Out. Sach.* l. c. XXXI. 322. — *Ceylon*.
 - *crystallipera* *Out. Sach.* l. c. XXXI. 323. — *Ceylon*.

Tanyderus Phil.

Verh. Zool. bot. Ges. XV. 359 (1845).

- T. ornaticornis* *Dod. Nat. Tijdschr. Ned. Ind.* XVII. 89, 2 (*Cyrtotarsus*); *Out. Sach. Berl. Ent. Zeitschr.* XXXI. 323. — *Amboina*.

BLEPHAROCERIDAE.

Hammatoceria Lill.

Bull. Soc. Ent. Ind. 1869, 95.

- H. bella* (Lill.), l. c. — *Ceylon*.

RHYPHIDAE.

Rhyphas Latr.

Hist. nat. Crust. et Ins. XIV. 181 (1804).

- Rh. maculipennis* v. d. Walp., Not. Leyd. Mus. VII. 14. 23, id. Tijdschr.
v. Ent. XXVIII. 51. 2. pl. 4 C. 9. and XXXVIII. 41. — Java.
A species of *Rhyphas* from New Guinea is mentioned, though
not described, by Oates-Sacken in Ann. Mus. Gen. XVI p. 401.

XYLOPHAGIDAE.¹⁾*Salsola* Meig.

Syst. Beichr. II. 15 (1820).

The generic name *Salsola* preoccupied by Schum. Mail.
1817 (see Scudder, Nomenclator Zoolog. II. p. 385).

- S. baripes* Latr. Not. Tijdschr. Not. Ind. XVII. 53. 13. — Amsterdam.
• *vittata* Latr. l. c. XVII. 53. 13. — Amsterdam.
• *immensa* Walk. Proc. Linn. Soc. IV. 23. 23 (*Salsola*); Cat. Beich.
Ann. Mus. Gen. XVI. 401; v. d. Walp., Not. Leyd. Mus. VII.
18. 21. — Java, Celebes.
• *hypostictus* Walk. Proc. Linn. Soc. VI. 3. 3 (*Salsola*). — Githia.
• *calceolata* Stål. Ann. Soc. Ent. de France, 1873. 183. 3. — Ternate.

Rhachlocerus (Hal.) Walk.

Walk. List Dipt. Brit. Mus. I. 134 (1846) and V. 183.

- Rh. hirsutus* Stål. v. Vahl. Verh. an Mediol. Ent. anal. v. wiesmarch.
XV. 1 (*Astichopus*). — Java.
• *apicalis* Cat. Beich. Ann. Mus. Gen. XVI. 403. — Ternate.

Rhyptomorpha Walk.

Proc. Linn. Soc. V. 215 (1846).

- Rh. bilineata* Walk. Proc. Linn. Soc. V. 215. 19. — Borneo.

Compare what Walker has said about his genus *Rhyptomorpha* in Proc. Linn. Soc. IX. p. 3. Oates-Sacken has
written to me, that he has not found the type-specimens in
the British Museum.

1) *Rhyptomorpha* *bilineata* Walk. (Anal. ent. Th. I and Ann. Beichr. I. 36. 3)
belongs to the Thorellidae (see genus *Phoreus*).

STRATIOMYIDAE.

HERMETIINAE.

Hermetia Latr.

Hist. nat. Crust. et Ins. XIV. 338 (1805).

H. verticalis Walk. Proc. Linn. Soc. III. 78. 3 (Manuscript); Cat. Bech.
Ann. Mus. Civ. XVI. 411. — Malacca, Java, Célèbe, Bajan,
South Malakobla.

Syn. *H. Malaccensis* Big. Ann. Soc. Ent. de France, 3. IX.
1878. 189. 4.

— *H. Nagasensis* v. d. Wulp, Tijdschr. v. Entom. XXIII.
188. 3; 46. Nat. Leyd. Mus. VII. 45. 18.

— *remota* Walk. Proc. Linn. Soc. IV. 34. 13. — Célèbe.

— *rubrovittis* Walk. l. c. V. 147. 3. — Amboina.

— *arvensis* v. d. Wulp, Nat. Leyd. Mus. VII. 51. 18. — Morotai.

— *lactata* Big. Ann. Soc. Ent. de France, 1887. 21. — Amboina
(New Guinea).

Manuscripta Walk.

Proc. Linn. Soc. I. 7 (1837).

H. minor Walk. Proc. Linn. Soc. I. 8. 17. pl. 1 f. 1. — Singapore.

— *infusa* Walk. Proc. Linn. Soc. III. 78. 7. — Java.

Endemita Wied.

Ann. Zool. II. 43 (1818).

E. marginata Fabr. Syst. Antl. 55. 3 (Bromelia); Wied. Ann. Zool.
II. 43. pl. 3 f. 4; Musq. Salt à Enk. I. 398. 1; 64. Dipt. exot.
suppl. 3. 18. pl. 1 f. 9; Walk. Proc. Linn. Soc. I. 8. 18; v. d.
Wulp, Nat. Leyd. Mus. VII. 68. — Hindostan, Singapore,
Sumatra, Java, Amboina.

Syn. *Bromelia cinerata* Guér. Top. de la Cayenne, Zool. II.
2. 296; 64. Icon. de diag. an. 343. pl. 33 f. 1.

— *fuscata* *Amboinensis* Musq. Dipt. ex. suppl. 4. 48. 1. pl. 3
f. 3; En. v. Fabric. Hand. Nat. Ent. Ver. 1838. 197.

Campeponax Macq.

Dipt. ex. supp. 4. 46 (1844).

C. Scipion Macq. Dipt. ex. supp. 4. 44. l. pl. 3 l. 4. — Jara.

— *macula* Del. Syst. Ann. Mus. Gen. XVI. 489. — *Synthesa*.

Ampeulla Walk.

Proc. Linn. Soc. IV. 98 (1840).

A. genitalis Walk. Proc. Linn. Soc. IV. 99. 98. — *Colobus*.

Traxana Walk.

Proc. Linn. Soc. IV. 99 (1840).

Tr. Horsfieldi Walk. Proc. Linn. Soc. IV. 99. 97. — *Colobus*.

SAURINAE.**Chrysocliora Latr.**

Fam. natur. du rigne m. 484 (1804).

Chr. vittipennis Del. Nat. Tijdschr. Nat. Ind. X. 408. 11. pl. 11 l. 2. — Jara.

— *harvillae* Rond. Ann. Mus. Gen. VII. 484. — *Boreus*.

Burgus Fabr.

Nat. Syst. supp. 146 (1798).

B. metallum Fabr. Syst. Arth. 338. 11; Wied. Ann. Zool. II. 34. 18; v. d. Walp. Nat. Lyeol. Mus. VII. 53. 54. — *Bengel*, *Hindolan*, *Orylon*, *Jara*, *Boreus*, *Antobus*.

Syn. & synonymis Del. Nat. Tijdschr. Nat. Ind. XIV. 402. pl. 2 l. 3.

— *longipennis* Wied. Anal. opt. 31. 39; id. Ann. Zool. II. 34. 11; Macq. Dipt. ex. supp. 3. 47. 57. pl. 1. l. 11; Rond. Ann. Mus. Gen. VII. 484. — *Jara*, *Boreus*, *Michara*.

— *gemellus* Walk. Linn. Dipt. Ind. Mus. III. 354. — *Silphus*.

— *rufus* Del. Nat. Tijdschr. Nat. Ind. XVII. 83. 78. — *Antobus*.

— *terraglans* Del. l. c. XVII. 83. 78. — *Antobus*.

— *redibens* Walk. Proc. Linn. Soc. IV. 97. 97. — *Colobus*.

- Plectiscus tarsalis* Walk. Proc. Linn. Soc. V. 154. 16 (Sargus). —
 Rejan, Golea.
 • *beautiss* Rond. Ann. Mus. Gen. VII. 454 (Sargus). — Burma.
 • *auriculalis* Schin. Dipt. Nov. Reim. 43. 29. — Nishan Id.
 • *flavus* Schin. l. v. 43. 46; v. 4. Wulp, Not. Leyd. Mus. VII.
 43. — China, Japan.
 • *ruficornis* v. d. Wulp, Tijdschr. v. Entom. XI. 104. 2. pl. 1
 f. 7-8 (Sargus). — East India.
 • *brachycauda* Rond. Ann. Mus. Gen. VII. 454 (Sargus); v. d. Wulp,
 Not. Leyd. Mus. VII. 43. 12. — Java, Burma.
 • *indusculatus* Diq. Ann. Soc. Ent. France, 1878. 211. 9. — Myed.
 • *apicalis* v. d. Wulp, Not. Leyd. Mus. VII. 43. 10. — Sumatra,
 Burma.

The name must be changed on account of *P. apicalis* Lin.

Chloromyia Thomson.

Magn. Zool. and Bot. (1897).

- Ch. sapphirina* Walk. List Dipt. Holl. Mus. III. 419 (Chrysopa). —
 East India.

Brachycara Thomson.

Dipt. Eugen. Ess. 449 (1868).

- Br. ventralis* Thomson. Dipt. Eugen. Ess. 451. pl. 3 f. 4. — Id.
 Ess. 7).

Microchrysa Lin.

Verh. Zool. bot. Ges. V. 146 (1855).

- M. basiventris* Wied. Anal. ent. II. 41 (Sargus); Id. Ann. Zool. II.
 46. 24 (Sargus); Ost. Sach. Ann. Mus. Gen. XVI. 412. — East
 India, Java.
 • *affinis* Wied. Anal. ent. II. 42 (Sargus); Id. Ann. Zool. II. 41.
 25 (Sargus). — East India.
 • *hipara* Walk. Proc. Linn. Soc. V. 173. 18 (Chrysopa). — Rejan.

1) In Thomson's „Diptera Eugeniae Ess.” several species are mentioned
 with „*Peleia*: *basalis* Rond.” Apparently he named a small island or some
 small islands of this name, belonging to the Andaman-group in the gulf of
 Bengal.

- S. maculipes* Thoms. Dipt. Europ. Ross, 481. 21 (Chrysomya); Ost. Such. Ann. Mus. Ges. XVI. 411. — Manila, Ternate.
gemma Big. Ann. Soc. Ent. de France, 1873. 381. 3. — Ceylon.

Saiduba Walk.

Proc. Linn. Soc. III. 79 (1849).

- S. diphyoides* Walk. Proc. Linn. Soc. III. 79. 2. — Arca.
hilaris Walk. l. c. V. 371. 1. — Japan.
ingubeta Walk. l. c. V. 371. 6. — Japan.
melanaria Walk. l. c. V. 373. 1. — Japan.
scutellaris Walk. l. c. V. 381. 3. — Japan.
singularis Walk. l. c. V. 373. 3; Ost. Such. Ann. Mus. Ges. XVI. 413. — Japan, Ramol, New Guinea.
gradens Walk. Proc. Linn. Soc. VII. 283. 3; Ost. Such. Ann. Mus. Ges. XVI. 413. — Mysol, Ramol, New Guinea.
areolaris Walk. Proc. Linn. Soc. VII. 284. 3. — Mysol.

STRATIOMYINAE.

Stratiomyia Geoff.

Geoff. Ins. II. 473 (1764). (Stratiomye).

- Str. barva* Walk. Lin. Dipt. Brit. Mus. III. 336. — China.
apicella Walk. l. c. V. 33. 168. — Shanghai.
brachyla Walk. Trans. Ent. Soc. Lond. n. ser. IV. 331. — China.
confusissima Walk. Proc. Linn. Soc. III. 73. 13. — Arca.
parvella Walk. l. c. VIII. 163. 13. — New Guinea.
harvotiellata v. d. Walp. Not. Leyd. Mus. VII. 68. 2. — Java.

Odontomyia Halp.

Klunz. I. 138 (1864).

- O. minuta* Fabr. Ent. Syst. IV. 388. 33; Id. Syst. And. 58. 32; Wied. Ann. Zool. II. 74. 33 (Stratiomye). — Tranquebar, East India.
pusilla Fabr. Ent. Syst. IV. 373. 5 (Stratiomye); Id. Syst. And. 57. 3 (Nemobius); Wied. Ann. Zool. II. 74. 34 (Stratiomye). — Tranquebar.
viridana Wied. Anal. ent. 39. 34; Id. Ann. Zool. II. 68. 3 (Stratiomye); v. d. Walp. Not. Leyd. Mus. VII. 61. 3. — Fongé, Tibet, Ternate.
Syn. O. ruficornis Macq. Dipt. anal. supp. 4. 63. 66.

Stratiomyia olivaceipennis Wied. Ann. Zweib. II. 63. 7 (*Stratiomya*). — Java.

- *rubellus* Macq. Dipt. exot. I. 3. 185. 1. — Bengal.
- *curvata* Walk. List Dipt. Brit. Mus. III. 332 (*Stratiomya*). — China.
- *latialis* Walk. l. c. III. 333; id. Proc. Linn. Soc. L. 7. 10 (*Stratiomya*). — Malacca.
- *canaliculata* Macq. Dipt. exot. supp. 3. 16. 23; Walk. List Dipt. Brit. Mus. V. 23. 181 (*Stratiomya*); v. d. Wulp, Dipt. Sum. exp. 14. 1. — Java, Sumatra.
- *maculipennis* Macq. Dipt. exot. supp. 4. 34. 3. — Manila.
- *diffusa* Walk. List Dipt. Brit. Mus. V. 23. 186 (*Stratiomya*); v. d. Wulp, Dipt. Sum. exp. 14. 1. — Java, Sumatra.
- *obscura* Walk. Dipt. Sumat. 79. — East India.
- *immaculata* Walk. Proc. Linn. Soc. IV. 94. 14 (*Stratiomya*); Cat. Fish. Ann. Mus. Gen. XVI. 413. — Celebes.
- *basalis* Walk. Proc. Linn. Soc. IV. 94. 13 (*Stratiomya*). — Celebes.
- *bifasciata* Walk. l. c. V. 229. 12 (*Stratiomya*). — New Guinea.
- *aquilata* Walk. l. c. V. 231. 2 (*Stratiomya*). — Batjan.
- *cincliflora* Walk. l. c. VI. 4. 2 (*Stratiomya*). — Gilolo.
- *costata* Walk. l. c. VII. 208. 7 (*Stratiomya*). — Mysol.
- *sinensis* Walk. l. c. VIII. 108. 13 (*Stratiomya*). — New Guinea.
- *clausophora* Schin. Dipt. Nov. Reiser, 39. 21. — China.
- *obscuro* Thoms. Dipt. Europ. Ross, 434. 13. — Manila.
- *clavicornis* Thoms. l. c. 434. 13. — Manila.
- *mutata* v. d. Wulp, Nov. Leyd. Mus. VII. 42. 9. — Ternate.

***Eucrocomyia* Big.**

Ann. Soc. Ent. de France, 3, VII. 1877, Bull.

LXXXV, id. 3. IX. 1879, 158.

- *E. senaria* Walk. Proc. Linn. Soc. III. 66. 11 (*Stratiomya*); Big. Ann. Soc. Ent. de France, 3, VII. 1877, Bull. LXXXV, id. 3. IX. 1879, 161. — Mysol, Amn.

CLITELLARIINAE.

Negritomyia Big. ?

Ann. Soc. Ent. de France, 3, VII, 1872, Bull. entom.
M. S. IX, 1873, 188.

- N. maculipennis* Macq. Dipt. exot. supp. v. 18, 1; Schin. Dipt. Novara Reise, 13, 2; Ost. Beck. Ann. Mus. Gen. XVI, 410; Id. Berl. Ent. Zeitschr. XXVI, 79 (*Ephippium*); — Macilla, Ternate, New Guinea.
• *bellina* Walk. Proc. Linn. Soc. IV, 81, 14 (*Chalcidia*); Ost. Beck. Ann. Mus. Gen. XVI, 410 (*Ephippium*); — Celebes, Ambon.
• *Syn. Jayana aeneo* Schin., Bremer, Berl. Ent. Z. An. Wien. Wien, XLIV, 14; Ost. Beck. Berl. Ent. Zeitschr. XXVI, 718.
• *albicans* Big. Ann. Soc. Ent. France, 1873, 803, 1 (*Ephippium*); — New Guinea.
• *concolor* Big. l. c. 803, 2 (*Ephippium*); — New Guinea.

Ephippium Latr.

Gen. Crust. et Insect. 718 (1809).

The generic name *Ephippium* preoccupied by Bodon, Mull. 1799 (see Scudder, Nomenclator Zoolog. II, p. 138).

- E. bilineatum* Fabr. Spet. Incl. 79, 3 (*Streptomya*); — Java, Singapore, Oboe.

Syn. Chalcidia lineata Wied. Ann. Zool. II, 48, 1 (the name *lineata* is evidently a lapsus calami).

- *Ephippium caputatum* Macq. Bull. 1. Berl. 1, 133, 2.
• *Ephippium spinulosum* Macq. Dipt. exot. supp. 3, 17, 2, pl. 1 f. 1.
• *Chalcidia lineata* Walk. List Dipt. Berl. Mus. VII, 122.
• *Ephippium spinigerum* Bod. Nat. Tijdschr. Ned. Ind. 3, 803, 13, pl. 2 f. 2. (Compare what Osten Sacken says about this species in Berl. Ent. Zeitschr. XXVI, p. 318).
• *Negritomyia bilineata* v. d. Wulp, Nat. Leyd. Mus. VII, 49.

15 The principal difference between *Negritomyia* and *Ephippium* consists in the terminal style of the abdomen, which in the former is thickly pilose over its whole length, whilst in *Ephippium* it is bare or scarcely with some bristly hairs at its base. I did not pay attention enough to this character, when I brought *Ephippium bilineatum* Fabr. in the genus *Negritomyia* (Nat. Leyd. Mus. VII, 49). — Bigot, who possessed a specimen of *Chalcidia lineata* Walk., has informed me, that this species and equally the *Ephippium albicans* and *concolor* belong to *Negritomyia*.

Epilopium chlorum Del. Nat. Tijdschr. Ned. Ind. XIV. 303 (Olethreutis). — Ambon.

This species is wrongly placed by DeMeijere in the genus *Olethreutis*. It is compared by him with his *Epilopium spinigerum* (= *Alouatta* Fabr.); like this latter it has lateral spines on the thorax, but must differ by some other form of the antennae.

For the moment I bring it under the g. *Epilopium*.

- *signatum* Del. l.c. XVII. 93. ♀. — Ambon.
- *gustum* Walk. Proc. Linn. Soc. IV. 93. 13 (Olethreutis). — Celebes.
- *responsum* Walk. l.c. VIII. 109. 14 (Olethreutis). — New Guinea.

Olethreutis Moig.

Hig. Mag. II. 303 (1867).

- O. leucophaea* Walk. Zool. Mag. III. 38. 34; id. Ann. Zool. II. 35. 3. — Transjavan.
- *varia* Walk. List. Dpt. Brit. Mus. V. 63. 14; id. Proc. Linn. Soc. I. 1. 12. — Java, Borneo, Malacca.
- *bariceps* Walk. Proc. Linn. Soc. I. 1. 13. — Singapore, Borneo.
- *notabilis* Walk. Proc. Linn. Soc. I. 105. 21. — Borneo.
- *obscura* Walk. Proc. Linn. Soc. V. 259. 1. — Celebes.

This latter species has four spines on the scutellum, and therefore perhaps will require a generic separation.

Oxyonta Moig.

Hig. Mag. II. 243 (1867).

- O. nana* Walk. Proc. Linn. Soc. IV. 93. 18. — Celebes.

Ruba Walk.

Proc. Linn. Soc. IV. 104 (1860).

- R. latata* Walk. Proc. Linn. Soc. IV. 101. 29. — Celebes.
- ? *Syn. Dipteronema antiochense* Föhl. Braun, Deutsche K. An. Wiss. Wien, XLIV. 71. — Ambon.
- *opposita* Walk. Proc. Linn. Soc. VIII. 107. 18. — New Guinea.

Saraga Walk.

Proc. Linn. Soc. IV. 103 (1860).

- S. confusa* Walk. Proc. Linn. Soc. IV. 103. 21. — Celebes.

Juliana Walk.

Proc. Linn. Soc. VII, 394 (1854).

J. confusata Walk. Proc. Linn. Soc. VII, 394, 19. — Mynd.*Musana* Walk.

Proc. Linn. Soc. VII, 394 (1854).

M. pauper Walk. Proc. Linn. Soc. VII, 395, 19; Cat. Beck. Berl. Ent. Zeitsch. XXVI, 398. — Mynd, Philippines.*Xenotelus* Guéb.

Ins. II, 542 (1784).

X. albiventris Thoms. Dipt. Europ. Ross, 441, 23. — Manila.*Laelaps* Ersh.

Exped. Musc. III, 397 (1813).

- L. rufus* Walk. Proc. Linn. Soc. I, 7, 14 (Cynipidae). — Singapore.
- destruata* Walk. l. c. I, 105, 22 (Cynipidae). — Borneo.
- infers* Walk. l. c. I, 105, 23 (Cynipidae). — Borneo.

Trichochaeta Hg.

Bull. Soc. Ent. de France, 1878, 24.

Tr. nemoteloides Hg. Ann. Soc. Ent. de France, 1879, 191. — Ternate.

PACINIDAE.

Pileocera Wied.

Ann. Zool. II, 85 (1800).

- P. quadridentata* Fabr. Syst. Anth. 88, 33 (Stratiomidae); Wied. Nov. Dipt. gen. 7; 44. Ann. Zool. II, 19; Macq. Bull. & Bull. I, 343, 1; Walk. Proc. Linn. Soc. I, 7; Germ. Linn. Ent. XI, 399; Berl. Nat. Tijdschr. Nat. Ind. X, 409 and XVII, 63; Gu. v. Vell. Tijdschr. v. Entom. I, 31, 1; v. d. Walp. Dipt. Sam. exp. 14, 1. — Malacca, Singapore, Sumatra, Java, Ternate, Gilolo, Cochin etc.
- maragatha* Walk. List Dipt. Berl. Mus. III, 535 and V, 503. — Ceylon, Philippines.

Ptilocera confusa Wals. Dipt. Svensk. 54. pl. 3 f. 4. — Java.

- *bachana* Grav. Linn. Ent. XI. 222. 2; Schin. Dipt. Nov. Reise, 22. 2; v. Helder, Ent. Nachr. XIX, 224. 2. — Celebes, Ceylon.
Syn. *Pt. macropus*, Gu. v. Vell. Tijdschr. v. Entom. I. 93. 2; Ost. Sack. Ann. Mus. Gen. XVI. 412.
- *anathyrtus* Gu. v. Vell. Tijdschr. v. Entom. I. 93. 2; Ost. Sack. Ent. Ent. Zeitschr. XXVI. 199. — Java, Celebes, Philippines.
- *macropilosa* Wals. Proc. Linn. Soc. IV. 54. 12. — Celebes.

Acanthina Wied.

Ann. Zool. II. 59 (1829).

The generic name *Acanthina* preoccupied by Fark. Med. 1884 (see Scudder, Nomenclator Zool. II. p. 1).

A. aurea Grav. Linn. Ent. XI. 222. 1. — Ceylon, Ceres, Philippines, New Guinea.

Syn. *Gibbularia aurea* Wals. Proc. Linn. Soc. V. 549. 18; Ost. Sack. Ann. Mus. Gen. XVI. 415; id. XVIII. 15.

Brach Wals.

Proc. Linn. Soc. I. 129 (1847).

B. bipars Wals. Proc. Linn. Soc. I. 119. 24. pl. 4 f. 2. — Borneo.

- *semaphrotides* Wals. Proc. Linn. Soc. III. 81. 17 (*Nervus*); Ost. Sack. Ann. Mus. Gen. XVI. 415 (*Nervus*); v. d. Walp. Not. Leyd. Mus. VII. 51. 2. — Arca, Ceres, Waigoe, Gilolo, Dutch New Guinea.

Syn. *E. pallipes* Big. Ann. Soc. Ent. 4. France, 1879. 229. 4.

- *impudens* Wals. Proc. Linn. Soc. IV. 57. 24; Ost. Sack. Ann. Mus. Gen. XVI. 415; v. d. Walp. Not. Leyd. Mus. VII. 57. 1. — Celebes, Arca.
- *baripes* Big. Ann. Soc. Ent. 4. France, 1879. 218. 1. — India.
- *aperticeps* Big. I. v. 218. 2. — Malacca.
- *fulviventris* Big. I. v. 218. 3. — Malacca.
- *plagiipes* Big. I. v. 221. 4. — New Guinea.
- *molle* Ost. Sack. Ann. Mus. Gen. XVI. 415 (*Nervus*). — Sumatra.

Phyllophora Macq.

Dipt. ex. I. 2. 128 (1828).

The generic name *Phyllophora* preoccupied by Thunberg in Oriskowa, 1813 (see Scudder, Nomenclator Zool. II. p. 244).

Ph. angusta Wals. Proc. Linn. Soc. I. 2. 18. — Singapore.

Calceus Walk.

Proc. Linn. Soc. I. 189 (1857).

C. simulans Walk. Proc. Linn. Soc. I. 189, 24, pl. 6 f. 1. — *Barnes*.

Adreaga Walk.

Proc. Linn. Soc. III. 52 (1858).

A. subdita Walk. Proc. Linn. Soc. III. 52, 18. — *Arce*, *Mynd*.

Tinea Walk.

Proc. Linn. Soc. IV. 161 (1859).

T. indica Walk. Dipt. Sincl. 51, pl. 3 f. 1 (*Blacus*); v. d. Wulp.
Not. Lepid. Mus. VII. 51, 2. — *Jara*, *Obolus*, *Mandila*.

Syn. *Tinea ascypha* Walk. Proc. Linn. Soc. IV. 161, 38.

Oct. Such. Ann. Mus. Gen. XVI. 418 and XVIII. 17.

- *Phyllophora bipennis* Thoms. Dipt. Egypt. Rev. 454,
18; Oct. Such. l. c.

- *recondens* Walk. Proc. Linn. Soc. V. 255, 18. — *New Guinea*.

- *maculifemoralis* *Javan*. *Nuus* et. Dipt. 15, 11, pl. 1 f. 2 (*Blacus*);

Oct. Such. Ann. Mus. Gen. XVI. 418. — *Jara*.

Pachygaster Halp.

Halp. Mus. II. 868 (1862).

P. ruficornis Halp. Dipt. ex. supp. I. 37, 1. — *Pondichery*.

Wallacea Hal.

Nat. Tijdschr. Ned. Ind. XVII. 59 (1855).

W. argentea Hal. Nat. Tijdschr. Ned. Ind. XVII. 52, 11. — *Amboina*.

Gabana Walk.

Proc. Linn. Soc. III. 53 (1858).

G. argentea Walk. Proc. Linn. Soc. III. 53, 12. — *Arce*.

Perhaps this species may be identical with *Wallacea argentea* Hal.

Utrapa Walk.

Proc. Linn. Soc. III. 52 (1858).

U. perlampoides Walk. Proc. Linn. Soc. III. 52, 18. — *Arce*, *Mynd*.

- *collyphoides* Walk. l. c. 52, 20. — *Arce*.

Racapha Waff.

Proc. Linn. Soc. IV. 189 (1848).

- R. kabilis* Waff. Proc. Linn. Soc. IV. 189. 89; Ost. Sack. Anz. Mus. Gen. XVI. 414. — *Colebitis*.
 - *Münster* Dig. Ann. Soc. Ent. de France, 3. IX. 1878. 189 (*Colebitis*);
 Ost. Sack. Berl. Ent. Zeitschr. XXVI. 98. — *Mandula*.

Racoplomyia Dig.

Ann. Soc. Ent. de France, 1879. Bull. 44; id. 1878. 181.

- R. cetharanta* Dig. Ann. Soc. Ent. de France, 1879. 181. — *Heljan*.

Acraspidus Graven.

Deutsche. K. Ak. Wiss. Wien, XLIV. 18 (1892).

- A. Feltwell* Graven, l. c. XLIV. 18. — *Clypeus*.

HESPERAE.

Boris Latr.

Hist. nat. Crust. et Ins. XIV. 348 (1805).

- B. javana* Macq. Dipt. exot. I. 8. 188; v. d. Walp. Tijdschr. v. Entom. XIII. 743. 8; id. Dipt. Sam. exp. 13. 1. — Java, Sumatra.

With respect to *B. javana* Macq., Osten Sacken has written me: "I have had a glimpse of the type in the Paris Museum; it is either an *Stenus* or a *Pisole*, at any rate not a *Boris*. *Boris javana* v. d. Walp. must be a different species."

TADANIDAE.

Tadanus Linn.

Finn. Sam. 481 (1761).

- T. striatus* Fals. Ent. Syst. IV. 331. 89; Wied. Ann. Zweif. I. 133. 89; v. d. Walp. Dipt. Sam. exp. 16. 8; id. Nat. Leyd. Mus. VII. 11. 84. — China, Java, Sumatra.
Syn. T. dorsalis Wied. Anal. ent. 12. 18; id. Ann. Zweif. I. 134. 89.

- T. rubrofasciata* Fabr. Syst. Arth. 96, 13; Wied. Dipt. exot. I. 68, 7; id. Ann. Zool. I. 128, 19. — East India.
- Javanica* Fabr. Syst. Arth. 100, 69; Wied. Ann. Zool. I. 133, 100. — Java.
- rubidus* Wied. Dipt. exot. I. 69, 14; id. Ann. Zool. I. 127, 19; Walk. Proc. Linn. Soc. I. 9; v. d. Walp. Not. Lepad. Mus. VII. 71, 22. — Bengal, Java, Sumatra.
- ardens* Wied. Dipt. exot. I. 75, 21; id. Ann. Zool. I. 134, 49; Macq. Dipt. exot. I. 1, 129, 18. — Java.
- orientalis* Wied. Arth. exot. 11, 8; id. Ann. Zool. I. 133, 59. — East India.
- virgo* Wied. Arth. system. 93, 9; id. Ann. Zool. I. 134, 109. — East India.
- immans* Wied. Ann. Zool. I. 128, 17; v. d. Walp. Dipt. Sam. exp. 18, 1; id. Not. Lepad. Mus. VII. 71, 22. — Java, Sumatra.
- agrilicola* Wied. Ann. Zool. I. 140, 89; Schin. Dipt. Nov. Reme, 12, 4. — China.
- hybridus* Wied. Ann. Zool. I. 137, 23. — Borneo, Malacca.
- sumatrensis* Macq. Sci. & Bull. I. 891, 18. — Sumatra.
- krassus* Macq. I. v. I. 103, 29; id. Dipt. exot. I. 1, 129, 18. — Java.
- basalis* Macq. Dipt. exot. I. 1, 128, 19; v. d. Walp. Not. Lepad. Mus. VII. 71, 22. — East India, Sumatra.
- conspicuosus* Macq. Dipt. exot. I. 1, 127, 11. — Coast of Malabar.
- pusillus* Macq. I. v. I. 1, 121, 12. — China.
- sericifal* Macq. I. v. I. 1, 123, 13. — East India.
- maculiventris* Macq. I. v. I. 1, 125, 14. — Java.
- albifasciata* Macq. I. v. I. 1, 129, 17. — Java.
- sericeus* Macq. I. v. I. 1, 126, 15. — Ind. archipelago.
- rubriventris* Macq. I. v. I. 1, 131, 18. — New Guinea.
- rubicundus* Macq. Dipt. exot. supp. I. 22, 64; supp. 2, 18; supp. 3, 71, 118. — East India.
- indivertis* Walk. List Dipt. Brit. Mus. I. 131; id. Proc. Linn. Soc. I. 8, 18. — Borneo, mount Ophir.
- orientis* Walk. List Dipt. Brit. Mus. I. 131. — Nepal.
- sericifascia* Walk. I. v. I. 134. — Siam.
- laetitia* Walk. I. v. I. 132. — Siam.
- montana* Walk. I. v. I. 133. — China.

- Tahensis* *distans* Walk. List Dipt. Exot. Mus. L. 143. — China.
- *amoenus* Walk. l. c. L. 143. — China.
 - *interius* Walk. l. c. L. 144. — Sikkim.
 - *junceus* Walk. l. c. L. 145. — China.
 - *Pyramis* Walk. Zool. VIII. app. 119. — Java.
 - *vagus* Walk. l. c. app. 119/11. — Hongkong.
 - *longirostris* Walk. List Dipt. Exot. Mus. V. 179, 181. — Hindostan.
 - *trachyrus* Walk. l. c. V. 212, 259. — Cochin, coast of Malabar.
 - *megaleps* Walk. l. c. V. 241, 247. — Java.
 - *maculicinctus* Walk. l. c. V. 247, 258. — China.
 - *explicatus* Walk. l. c. V. 328. — Hindaya.
 - *sigrepius* Macq. Dipt. exot. supp. 3. 24, 111. — East India.
 - *rhomboides* Macq. l. c. supp. 3. 25, 112. — China.
 - *Bekali* Del. Nat. Tijdschr. Ned. Ind. X. 487, 11, pl. 3 f. 3. — Java.
 - *humilis* Walk. Trans. Ent. Soc. Lond. n. ser. IV. 124. — Ceylon.
 - *affinis* Walk. Dipt. Sicul. 46. — East India.
 - *Pyrrhus* Walk. l. c. 47. pl. 2 f. 4, 5. — East India.
 - *albivittatus* Walk. l. c. 48. — East India.
 - *tenax* Walk. l. c. 49. — East India.
 - *littoralis* Walk. l. c. 49. pl. 2 f. 2. — East India.
 - *crassus* Walk. l. c. 50. — East India.
 - *vagus* Walk. l. c. 50. — East India, Java.
 - *rubiginosus* Walk. l. c. 51. — East India.
 - *undatus* Walk. l. c. 51. — East India.
 - *hirtus* Walk. l. c. 51. — East India.
 - *pusilla* Walk. l. c. 52. — East India.
 - *maculatus* Walk. l. c. 52. — Java.
 - *obscurus* Walk. l. c. 52. — Central India.
 - *foveatus* Walk. l. c. 53. — Java.
 - *concolor* Walk. l. c. 53. — East India.
 - *porticus* Walk. l. c. 54. — East India.
 - *calidus* Walk. l. c. 54. — Asia?
 - *signatus* Walk. l. c. 412. — China.
 - *obscurus* Walk. Trans. Ent. Soc. Lond. n. ser. V. 273. — Burmah.
 - *partitus* Walk. Proc. Linn. Soc. L. 3. 24. — Singapore.

- *T. acutus* Walk. Proc. Linn. Soc. L. 100. 21. — Burma.
- *beniger* Walk. L. c. L. 110. 22. — Burma.
- *opulatus* Walk. L. c. L. 111. 23. — Burma.
- *duplocheilus* Walk. L. c. L. 111. 24. — Burma.
- *farinaceus* Dal. Nat. Tijdschr. Ned. Ind. XVII. 54. 15. —
Amboina.
- *cinereus* Dal. L. c. XVII. 54. 16. — Amboina.
- *maculatus* Dal. L. c. XVII. 54. 17. — Amboina.
- *recessus* Walk. Proc. Linn. Soc. III. 52. 25. — Arca.
- *maritimus* Walk. L. c. IV. 102. 22; Cat. Fish. Ann. Mus. Gen.
XVI. 417. — Cebu.
- *hastatus* Walk. Proc. Linn. Soc. IV. 102. 23. — Cebu.
- *robustus* Walk. L. c. IV. 102. 24. — Cebu.
- *opulatus* Walk. L. p. IV. 104. 25. — Cebu.
- *humilis* Walk. L. c. IV. 102. 26. — Cebu.
- *basilis* Walk. L. p. IV. 104. 27. — Cebu.
- *derdens* Walk. L. c. V. 215. 19. — New Guinea.
- *speciosus* Walk. L. c. V. 215. 2. — Cebu.
- *extricatus* Walk. L. c. V. 215. 29. — Batjan.
- *longus* Walk. L. c. V. 215. 21; Cat. Fish. Ann. Mus. Gen. XVI.
417. — Batjan, Dorei and Rami, New Guinea.
- *serus* Walk. Proc. Linn. Soc. VI. 49. 3. — Oman.
- *exiguus* Walk. L. c. VII. 202. 15. — Myso.
- *basilis* Walk. L. c. VII. 202. 16. — Myso.
- *cythoides* Walk. L. c. VII. 202. 17. — Myso.
- *obscuratus* Walk. L. c. VII. 221. 1. — Com.
- *robustus* Walk. L. c. VIII. 202. 28. — New Guinea.
- *papilio* Walk. L. c. VIII. 202. 31; Cat. Fish. Ann. Mus. Gen.
XVI. 419. — New Guinea.
- *breviscapus* Walk. Proc. Linn. Soc. VIII. 109. 22. — New Guinea.
- *basilis* Schin. Dpt. Nov. Reche, 51. 4. — China.
- *rhomboides* Schin. L. c. 51. 5. — Nippon.
- *mandaricus* Schin. L. c. 52. 6. — China.
- *obusoides* Schin. L. c. 53. 8. — China.
- *mandibula* Schin. L. c. 54. 10. — Manila.
- *cythoides* Schin. L. c. 55. 15. — Ceylon.
- *incurtus* v. d. Walp. Tijdschr. v. Entom. XI. 98. 1. — Arca.
- *pythocephalus* v. d. Walp. L. c. XI. 98. 2. — Helmsheim.

Talamon triangulatus v. d. Walp., *Typische*, v. *Entom.* XL 199, 4. — *Old.*

- *juvenculus* Rond. Ann. Mus. Gio. VII. 415. — *Borneo.*
- *albiventris* Rond. l. c. VII. 456. — *Borneo.*
- *paupe* Rond. l. c. VII. 456. — *Borneo.*
- *ignobilis* Rond. l. c. VII. 457. — *Borneo.*
- *diva* Rond. l. c. VII. 457. — *Borneo.*
- *fulvipes* Rond. l. c. VII. 458. — *Borneo.*
- *variegatus* Rond. l. c. VII. 458. — *Borneo.*
- *apicatus* Rond. l. c. VII. 459. — *Borneo.*
- *pectinatus* v. d. Walp., *Dipt. Sum.* sup. 19, 2, pl. 1 f. 7. — *Sumatra.*
- *incellus* v. d. Walp., l. c. 12, 4, pl. 1 f. 8. — *Sumatra.*
- *tristis* v. d. Walp., l. c. 12, 2, pl. 1 f. 2. — *Sumatra.*
- *limpatus* v. d. Walp., l. c. 18, 4, pl. 1 f. 19. — *Sumatra.*
- *minimus* v. d. Walp., l. c. 18, 2, pl. 1 f. 11; 14. *Nat. Leyd.* Mus. VII. 72, 28. — *Java, Sumatra.*
- *Tandervogel* Ost. *Sack. Berl. Ent. Zeitschr.* XXVI. 97. — *Celebes, Philippines.*
- *Sp. f. pilosus* v. d. Walp., *Typische*, v. *Entom.* XL 199, 2, pl. 5 f. 1, 2.
- *Irion* Ost. *Sack. Berl. Ent. Zeitschr.* XXVI. 99. — *Philippines.*
- *equestris* v. d. Walp., *Nat. Leyd. Mus.* VII. 72, 24, pl. 5 f. 4. — *Java, Sumatra, Borneo.*
- *Poldert* v. d. Walp., l. c. VII. 75, 28, pl. 5 f. 1. — *Ningpo.*
- *leucoparvus* *Fig. Nov. Archiv. du Mus.* 1894, 103. — *Lam.*
- *nigrotorvus* *Fig. l. c.* 104 (*Bellardia*). — *Lam.*

The distinctive characters of the genus *Bellardia* Rond. (*Archiv. per le Sci. Modena*, III. p. 81, 1863) may also be found in many other species of *Talamon*.

- *melanogaster* *Fig. l. c.* 105 (*Aplesus*). — *Lam.*

Mr. Oates Sacken told me, that the significance of his genus *Aplesus* (*Mem. nat. hist. Soc. Boston*, II. p. 419, 1874) is totally misunderstood by *Figot.*, and most, perhaps all the species, described by the latter in that genus, do not belong to it.

- *luculentus* *Fig. l. c.* 205 (*Aplesus*). — *Lam.*
- *statens* *Fig. Mem. Soc. Zool.* V. 419 (*Bellardia*). — *China.*
- *annulatus* *Fig. l. c.* V. 420 (*Bellardia*). — *Singap.*
- *maius* *Fig. l. c.* V. 449 (*Aplesus*). — *India.*

- T. abbreviatus* Fig. Mon. Soc. Sci. Ind. V. 446 (*Aphidius*). — India.
- *caudatus* Fig. l. n. V. 449 (*Aphidius*). — India.
- *melanopygus* Fig. l. n. V. 451 (*Aphidius*). — India.
- *leucopogon* Fig. l. n. V. 451 (*Aphidius*). — India.
- *angustus* Fig. l. n. V. 452 (*Aphidius*). — India.
- *oxytratus* Fig. l. n. V. 452 (*Aphidius*). — India.
- *eximius* Fig. l. n. V. 452 (*Aphidius*). — Japan.
- *hirmanus* H^g. l. n. V. 453 (*Aphidius*). — Burma.
- *pygmaeus* Fig. l. n. V. 454 (*Aphidius*). — India.
- *monilifer* Fig. l. n. V. 454 (*Aphidius*). — India.
- *monilicollis* Fig. l. n. V. 454 (*Aphidius*). — India.
- *nephelus* Fig. l. n. V. 455 (*Aphidius*). — India.
- *haerematus* Fig. l. n. V. 456 (*Aphidius*). — India.
- *fulvus* Fig. l. n. V. 457 (*Aphidius*). — India.
- *haemastriatus* Fig. l. n. V. 457 (*Aphidius*). — India.
- *fulvipes* Fig. l. n. V. 458 (*Aphidius*). — Ceylon.
- *pallidopictus* Fig. l. n. V. 458 (*Aphidius*). — Saigon.
- *bilobatus* Fig. l. n. V. 459 (*Aphidius*). — China?
- *andamanicus* Fig. l. n. V. 459 (*Aphidius*). — Andaman Is.
- *cinereus* Fig. l. n. V. 460 (*Aphidius*). — Java.
- *herymanus* Fig. l. n. V. 460 (*Aphidius*). — Java.
- *abbreviatus* Fig. l. n. V. 460 (*Aphidius*). — Java.
- *plagiatus* Fig. l. n. V. 471 (*Aphidius*?). — New Guinea.
- *sumatrensis* Fig. l. n. V. 472 (*Aphidius*). — New Guinea.
- *affrenatus* Fig. l. n. V. 472 (*Aphidius*). — New Guinea.
- *luteipes* Fig. l. n. V. 473 (*Aphidius*). — Waigiu.
- *glaber* Fig. l. n. V. 478. — India.
- *nitidus* Fig. l. n. V. 479. — Java.
- *rubicollis* Fig. l. n. V. 479. — Java.
- *indistinctus* Fig. l. n. V. 480. — Doerl.
- *ellipticus* Fig. l. n. V. 480. — New Guinea.
- *javanicus* v. Rinder, Stat. Ent. Zeitung, 1893. 244. — Mount Tala, New Guinea.

Ditylocomia Fig.

Revue et Mag. de Zool. XI. 205 (1858).

D. ornata Fig. Revue et Mag. de Zool. XI. 206. — Ceylon.

Mycteromyia Phil.

Nat. Zool. bot. Ges. Wien, V. 712 (1855).

M. signatus Big. Min. Nat. Zool. V. 597. — India.

Diachlorus Osh. Sack.

Mem. Ent. Soc. of nat. hist. II. 475 (1873).

D. baripensis Macq. Dipt. ex. supp. 4. 25. 3 (Diachlorus). — Philippines.

Rhinomyza Wied.

Dipt. ex. I. 19 (1821).

Rh. fovea Wied. Nat. Dipt. gen. 5; *Rh. Dipt. ex. I. 19. 1*; *M. Ann. Zool. I. 194. 1*; *Macq. Suppl. 4. 25. 1*. — Java.

Pangonia Latr.

Hist. nat. Crust. et Ins. III. 427 (1803).

P. ambolensis Fabr. Syst. Anal. II. 7; *Wied. Dipt. ex. I. 19. 4*; *M. Ann. Zool. I. 194. 19*; *Walk. List Dipt. Brit. Mus. I. 183 and V. 314*. — Sikkim, Himalaya, Anabona.

longirostris Hardwiche, Trans. Linn. Soc. XIV. 354, pl. 6 f. 4; *Wied. Ann. Zool. II. 481. 14*; v. Böder, *Stat. Ent. Zool. 1841. 358*. — Nepal.

trichoptera Böder, *Voyage de l'Australie*, Zool. II. 483, pl. 18 f. 19; *Macq. Suppl. 4. 25. 1*; *Walk. List Dipt. Brit. Mus. V. 128. 185*. — New Guinea.

rufa Macq. Dipt. ex. supp. 4. 18. 41. — Borneo.

taprobanes Walk. List Dipt. Brit. Mus. V. 314. — Ceylon.

calligama Walk. Proc. Linn. Soc. VIII. 185. 19. — New Guinea.

Gastroidea Say.

Trans. Ent. Soc. Lond. III. 39 (1841).

G. ater Say. Trans. Ent. Soc. Lond. III. 43, pl. 3 f. 4; *M. IV. 383 (f.)*. — Central India.

Sibirius Merg.

Syst. Becks. II. 27 (1838).

8. *Embellatus* v. d. Walp. *Tiplach.* v. Entom. XI. 198. 3, pl. 3 f. 3-5; Ost. Sack. Ann. Mus. Gen. XVI. 418. — *Salsmanni*.

According to Ost. Sacken (l. c.) this species is not a true *Sibirius*.

Chrysops Merg.

Hb. Magn. II. 245 (1842).

- Chr. dispar* Fabr. Ent. Syst. supp. 347 (*Salsmanni*); id. Syst. Ant. 113. 5; Wied. Dipt. exot. I. 168. 3; id. Ann. Zool. I. 198. 3; Merg. Dipt. exot. I. 1. 118. 5; id. supp. 2. 14; Ost. Sack. Ann. Mus. Gen. XVI. 418; id. Beck. Ent. Zeitachr. XXVI. 87, v. 4. Walp. Dipt. Sum. exp. 18. 1; v. Röder, Entom. Nachr. XIX. 124. 3. — Ceylon, Java, Sumatra, Borneo, Philippines.

Syn. *Macropus fuscus* Gny, Grif. Ann. Kinkl. XV. 3. pl. 114 f. 4.

Chrysops dispar Rond. Ann. Mus. Gen. VII. 469.

- *fuscatus* Wied. Dipt. exot. I. 168. 3; id. Ann. Zool. I. 198. 5; Beck. Ent. Tiplach. Ned. Ind. XVII. 84. — Java, Borneo, Ambon.
- *albicinctus* Merg. Dipt. exot. I. 1. 157. 3. — Bengal.
- *translucent* Merg. l. c. I. 1. 158. 4. — Java.
- Syn. *Chr. pallidus* Fabr. Syst. Ant. 113. 11; Wied. Dipt. exot. I. 167. 8; id. Ann. Zool. I. 198. 18. — *Translucent*.
- *bartramius* Merg. Dipt. exot. supp. 1. 44. 13. — East India.
- *lignus* Walk. Lin. Dipt. Brit. Mus. I. 135. — Bengal.
- *sermianalis* Walk. l. c. I. 135. — East India.
- *umbrosus* Walk. l. c. I. 136. — East India.
- *culturatus* Merg. Dipt. exot. supp. 2. 14. 16. — Java.
- *silvatus* Walk. Dipt. Scand. 15. — East India.
- *chensis* Walk. l. c. 433. — China.
- *reticulosus* Walk. Proc. Linn. Soc. I. 112. 87. — Borneo.
- *spallii* Walk. l. c. V. 379. 23; Ost. Sack. Beck. Ent. Zeitachr. XXVI. 87. — Bajas, Philippines, Borneo.

• Var. *Chr. melanurus* Rond. Ann. Mus. Gen. VII. 469.

Chrysops parallelus Walk. Proc. Linn. Soc. V. 126, 23. — Japan.

- *maillardi* Schlt. Dipt. Nov. Reiser, 194, 61. — Manila.
- *albivittatus* v. d. Wulp, Tijdschr. v. Entom. XI. 193, 6, pl. 2 f. 5; Out. Back. Ann. Mus. Gen. XVI. 413. — Salavatti and Batan, New Guinea.

Perhaps the same as *Chr. pallidatus* Fabr. and *transversus* Macq.?

- *sticticus* Thoms. Dipt. Eugen. Ess., 452, 14. — Malacca.
- *alter* Rond. Ann. Mus. Gen. VII. 463. — Borneo.
- *striatus* v. d. Wulp, Nat. Leyd. Mus. VII. 48, 48. — Amoy.
- *clavus* Big. Min. Soc. Zool. V. 685. — Philippines.

Haematopota Meig.

Utg. Magn. II. 367 (1804).

H. rusticus Fabr. Syst. Aph. 181, 2; Wied. Dipt. exat. I. 21, 1; 16. Ann. Zool. I. 213, 2; Walk. List Dipt. Berl. Mus. I. 185. — Tencapichar, Borneo, Java.

- *javana* Wied. Dipt. exat. I. 160, 3 (♂), 161, 7 (♀); Id. Ann. Zool. I. 213, 7; Rond. Ann. Mus. Gen. VII. 461 (*H. asiatica*); v. d. Wulp, Dipt. Sum. exp. 12, 1, pl. 1 f. 15. — Java, Sumatra, Borneo.

The same *asiatica* Rond. is a Japanese island.

- *capitata* Wied. Ann. Zool. I. 213, 5. — Java.
- *irrorata* Meig. Dipt. exat. I. 1, 162, pl. 1 f. 3; Out. Back. Ann. Mus. Gen. XVI. 419; v. d. Wulp, Dipt. Sum. exp. 12, 2, pl. 1 f. 12. — Java, Sumatra.

? *Syn. H. pumilus* Del. Nat. Tijdschr. Nat. Ind. N. 407, 12, pl. 4 f. 3.

- *ana* Walk. List Dipt. Berl. Mus. I. 207. — Bנגال.
- *humilis* Macq. Dipt. exat. supp. 3, 13, 4, pl. 1 f. 4; v. d. Wulp, Dipt. Sum. exp. 12, 3, pl. 1 f. 14; Out. Back. Berl. Ent. Zeitschr. XXVI. 91. — Java, Sumatra, Philippines.
- *stomaria* Walk. Proc. Linn. Soc. 3, 112, 33. — Borneo.
- *horreana* Rond. Ann. Mus. Gen. VII. 461. — Borneo.
- *ellipes* Big. Nov. Archiv. Mus. 1891, 164. — Java.
- *parvipes* Big. l. c. 204. — Java.
- *hirsuta* Big. Min. Soc. Zool. V. 693. — Pongol (see Bull. Soc. Zool. XVI p. 78).

- H. cardiorera* Esg. Mem. Soc. Zool. V. 626. — Bengal.
- inflata* Esg. l. c. V. 627. — Bengal (see Bull. Soc. Zool. XVI. p. 191).
- punctifera* Esg. l. c. V. 619. — Java.

LEPTIDAE.

Leptis Falc.

Syst. Ind. 89 (1861).

- L. brevis* Walk. Proc. Linn. Soc. L. 13. 41. — Malacca.
- impar* Walk. Proc. Linn. Soc. V. 493. 46. — Japan.
- uniguttata* Ost. Sack. Ann. Mus. Gen. XVI. 461. — Sumatra.

Chrysopila Macq.

Dipt. de Ind. d. L. Fries (1867).

- Chr. brevicauda* Miel. Zool. Mag. III. 4. 31; id. Dipt. ex. L. 118. 1; id. Ann. Zool. L. 224. 1 (*Leptis*). Walk. Proc. Linn. Soc. IV. 119. 13; Ost. Sack. Ann. Mus. Gen. XVI. 419; id. Bull. Ent. Zool. XXVI. 161. — Java, Amboina, etc.

Syn. *Malanopia brevicauda* Dol. Nat. Tijdschr. Ned. Ind. XIV. 402. pl. 1 f. 1.

- maculipennis* Walk. Proc. Linn. Soc. L. 118. 12. — Borneo.
- varillana* Walk. l. c. III. 33. 47; Ost. Sack. Ann. Mus. Gen. XVI. 459. — Java.
- guttipennis* Walk. Proc. Linn. Soc. V. 381. 46. — Japan.
- stylata* Walk. l. c. VIII. 385. 35. — Myos.
- insularis* Sehn. Dipt. Nov. Hain, 189. 2. — Nicobar Islands.
- leptus* Ost. Sack. Ann. Mus. Gen. XVI. 459. — Sumatra.
- cornuta* Ost. Sack. Bull. Ent. Zool. XXVI. 161. f. 2. — Philippines.

Leptopalpus Rond.

Nouv. Ann. d. science. nat. Bologna. II. 183 (1856).

- L. P. uniguttata* Esg. Bull. Soc. Zool. de France, XII (1867). 168. — Waigoo.

Acheris Moig.

Erg. Magn. II. 371 (1882).

- A. signitaria* Dtl. Nat. Tijdschr. Ned. Ind. XVII. 82. 30. — Amboum.
- A. imitata* Oot. Nach. Berl. Ent. Zeitschr. XXVI. 189. — Philippinen.
- A. imitata* Erg. Biol. Soc. Zool. de France. XII (1887). 117. — Ceylon.

Macrolepaspis Erg.

Ann. Soc. Ent. de France. 1888. Bull. XXVIII.

- M. barceloni* Erg. I. c. — New Guinea.

Sarragmus Walk.

Proc. Linn. Soc. IV. 110 (1860).

- S. Hirsutus* Walk. Proc. Linn. Soc. IV. 110. 18. — Ceylon.
- S. signipennis* Walk. I. c. VI. 8. 22. — Gambia.

THELYPTIDÆ.

Thelypta Latr.

Précis car. gén. Ins. 343 (1808).

- Th. albina* Wied. Zool. Mag. III. 8. 2; M. Dipt. exot. I. 112. 3; M. Ann. Zool. I. 223. 8. — Java.
- A. intermixta* Eschsch. Entomogr. I. 118. 82; Wied. Ann. Zool. I. 223. 4; Oot. Nach. Ann. Mus. Gern. XVI. 424; M. Berl. Ent. Zeitschr. XXVI. 118. — Ternate, Philippinen.
- A. nigra* Wied. Ann. Zool. I. 222. 8. — Transpagan.
- A. piligera* Wied. I. c. I. 223. 32. — Sumatra.
- A. cylindrica* Walk. List Dipt. Brit. Mus. I. 918. — East India.
- A. nequa* Walk. Dipt. Scandin. 181. — East India.
- A. nequus* Walk. I. c. 118. — East India.
- A. persequa* Walk. I. c. 125. — East India.
- A. struxia* Walk. I. c. 128. — East India.
- A. ludica* Walk. I. c. 118. — East India.
- A. procedens* Walk. Proc. Linn. Soc. I. 118. 73. — Borneo.
- A. nequa* Walk. I. c. III. 58. 48. — Amboyna, Waigoo.
- A. rosaria* Walk. I. c. VI. 8. 23. — Gambia.
- A. fuscaria* Walk. I. c. VIII. 112. 52. — New Guinea.

Poliocephala Latr.

Ins. Lapp. 319 (1816).

- P. indica* v. d. Wulp, Tijdschr. v. Entom. XXIII. 189. 32. — Java.
 • *indica* [Sig. Ann. Soc. Ent. de France, 1858. 329. 3. — India
 (nomen lat. hincum).

Phryna Walk.

Dipt. Second. p. 2 (1856).

- ! *Ph. brunnea* Wied. Anal. ent. 18. 1; 16. Ann. Zool. 1. 83. 2
 (Xylophagus). — East India.

According to Osten Sacken, who has seen the typical specimen
 of Wiedemann in the Museum of Vienna, it belongs to the The-
 bevinæ and apparently to *Phryna*.

- *caucasea* Walk. List Dipt. Berl. Mus. 3. 109 (Xylophagus); 16.
 Dipt. Second. 2. pl. 1 f. 5 (*Phryna*)? H. v. Ehler, Berl. Ent-
 Zeitachr. XXIX. 149. — Bengal.

SEMESTRINIDAE.

Semestrina Latr.

Hist. nat. Crust. et Ins. XIV. 318 (1804).

- S. javana* Macq. Dipt. exot. II. 1. 17. 8. — Java.

Colax Wied.

Anal. ent. 18. (1816).

The generic name *Colax* preoccupied by Hübner, in Lepido-
 ptera, 1818 (see Scudler, Nomenclator Zoolog. II. p. 74).

- C. javana* Wied. Anal. ent. 18. 3; 16. Ann. Zool. II. 83. 2;
 v. d. Wulp, Dipt. Sum. exp. 18. 1. — Java, Sumatra.
 • *variegatus* Westw. Orient. Entom. 85. pl. 18 f. 5. — Singapore,
 Sumatra.

BOMBYLIDAE.

Scaptomyza Macq.

Dipt. exot. II. 1. 15 (1860).

- S. Scaptus* Fabr. Syst. Ent. 318. 18 (Aldr.); 16. Ent. Syst. IV. 339.
 13; Wied. Ann. Zool. 1. 221. 25 (*Scaptus*); v. d. Wulp, Tijdschr.
 v. Entom. XI. 186. 3. pl. 2 f. 18. — Java.

- Euprosopus* *lar* Fabr. *Spec. Insc.* III. 414. 20 (Bates); id. *Ent. Syst.* IV. 231. 4; id. *Syst. Anal.* 126. 29; *Wind. Dipt. exot.* I. 127. 12; id. *Ann. Zool.* I. 225. 18 (*Aethes*). — Bengal.
- *Sphinx* Fabr. *Man. Insect.* II. 272. 20 (Bates); id. *Ent. Syst.* IV. 231. 26; id. *Syst. Anal.* 126. 29; *Wind. Dipt. exot.* I. 131. 4; id. *Ann. Zool.* I. 225. 7 (*Aethes*); *Man. Dipt. exot.* II. 1. 22. 2. — East India.
- *Tantulus* Fabr. *Ent. Syst.* IV. 258. 12; *Wind. Ann. Zool.* I. 225. 4; *Man. Nat.* 1. *Ent.* I. 405. 7 (*Aethes*); id. *Dipt. exot.* II. 1. 21. 4 (*Euprosopus*); *Revid. Ann. Mus. Gen.* VII. 422 (*Myzomela*); *Kirby. Ann. and Mag. of nat. Hist.* 1854. 425 (*Aethes*). — Hindostan, China, Java, Borneo, Celebes.
- *paulipes* *Wind. Dipt. exot.* I. 129. 14; id. *Ann. Zool.* I. 212. 22 (*Aethes*); *Man. Dipt. exot.* II. 1. 29. 25 (*Euprosopus*); *Revid. Ann. Mus. Gen.* VII. 422 (*Myzomela*). — Borneo (also the Cape).
- *aurantifera* *Curt. Insecta. du' rège. asiat.* p. 29. — Bengal.
- *Berytus* *Hald. Voyage de l'Asie. Ind.* II. 633. pl. 115. 18 (*Aethes*); *r. d. Walp. Nat. Lepid. Mus.* VII. 21. 45; *Out. Zool. Ann. Mus. Gen.* XVI. 422. — Amboina, Timor, Java, Gilolo, Waigoo.
- Syn. Euprosopus Aethes* *Man. Dipt. exot.* II. 1. 22. pl. 15 f. 1.
- *Aethes vestimentalis* *Dal. Nat. Tijdschr. Ned. Ind.* XIV. 269. pl. 2. f. 1.
- *Aethes Pulgo* *Walk. Proc. Linn. Soc.* III. 69.
- *Euprosopus Eucrost* *Jenyn. Nov. exot. Dipt.* 37. 41.
- E. obliqua* *Man. Dipt. exot.* II. 1. 21. 2. pl. 15 f. 3. — Timor.
- *affinis* *Man. l. c.* II. 1. 22. 5; *Schin. Dipt. Nat. Ind.* 112. 4. — China.
- *longicauda* *Man. Dipt. exot.* II. 1. 48. 24. pl. 15 f. 4. — Bengal.
- *javana* *Man. l. c.* II. 1. 48. 25. pl. 15 f. 4. — Java.
- *brevipennis* *Man. l. c. supp.* 2. 22. 24. pl. 1 f. 2. — Java.
- *lineolata* *Man. l. c. supp.* 2. 22. 24. — East India.
- *purpuraria* *Walk. Dipt. Revid.* 169. — East India.
- *radiocincta* *Dal. Nat. Tijdschr. Ned. Ind.* XIV. 420. — Amboina.
- *maculipennis* *Dal. l. c.* XIV. 420. pl. 2 f. 5; *Out. Zool. Ann. Mus. Gen.* XVI. 422. — Amboina.
- *chrysocampa* *Jenyn. Nov. exot. Dipt.* 36. 48. pl. 1 f. 5; *Out. Zool. Ann. Mus. Gen.* XVI. 422. — Java, Moluccas.

- *Brachy Schiz. Dipt. Nov. Helv.*, 118. 6. — *Ceylon*.
- *tristis* v. d. Walp., *Tijdschr. v. Entom.* XI. 1871. 8. pl. 2 f. 11. — *Timor*.
- *Oenomaus* *Reich. Ann. Mus. Civ. VII.* 425 (*Appendicula*) *Oct. Such.* Berl. Ent. Zeitschr. XXVI. 112. — *Boisnoe, Philippines*.
- *viridis* *Hig. Ann. Soc. Ent. France*, LXX. 164. 1. — *Pondichery*.

Anthrax Group.

Ent. Carn. 318 (1788).

- *Tragulidota* *Fabr. Syst. Arth. (Rödd.)*, 16. *Wied. Ann. Zool.* I. 186. 79. v. d. Walp., *Nat. Lapid. Mus.* VII. 81. 88. — *Java, Sumatra*.
Syn. d. Apanteles *Wied. Dipt. exot. I.* 141. 34; *id. Ann. Zool.* I. 127. 43; v. d. Walp., *Tijdschr. v. Entom.* XXIII. 1871. 38.
d. Joaze *Walt. Dipt. Saund.* 189.
- *atra* *Fabr. Ent. Syst.* IV. 123. 7; *id. Syst. Arth.* 122. 13; *Schiz. Faun. exot.* I. 59. — *East India (also Europe and Senegal)*.
Syn. d. fuscolata *Meig. Syst. Beechr.* II. 144. 15. pl. 17 f. 18; *Meig. Faun. & Beechr.* I. 403. 16; *id. Dipt. exot. II.* I. 33. 18.
- *hipocrita* *Fabr. Syst. Arth.* 113. 2; *Wied. Dipt. exot. I.* 138. 19; *id. Ann. Zool.* I. 165. 61. — *Tranquebar*.
- *fulvula* *Wied. Dipt. exot. I.* 145. 48; *id. Ann. Zool.* I. 167. 71. — *Java*.
- *flua* *Wied. Arth. exot. II.* 12; *id. Ann. Zool.* I. 123. 51. — *Tranquebar*.
- *reflexa* *Wied. Ann. Zool.* I. 171. 51; *Walt. List Dipt. Brit. Mus.* II. 147. — *Madras (Walt.)*.
Syn. d. capensis *Saund. Trans. Ent. Soc.* III. 49. pl. 3 f. 4.
- *obscura* *Wied. Ann. Zool.* I. 127. 53. — *Java*.
- *marginata* *Meig. Dipt. exot. II.* I. 59. 19. pl. 21 f. 6. — *Timor*.
- *basanoides* *Meig. I. v. II.* I. 62. 12. pl. 20 f. 7. — *Benegal*.
- *leucopyga* *Meig. I. v. II.* I. 76. 13. pl. 21 f. 1. — *Timor*.
- *diva* *Walt. List Dipt. Brit. Mus.* II. 149. — *Sikat*.
- *alvina* *Walt. I. v. II.* 145. — *East India*.
- *basilareta* *Walt. I. v. II.* 143. — *Benegal*.
- *sinensis* *Walt. I. v. II.* 144. — *China*.

- Andreas latifascia* Walk. Trans. Ent. Soc. 2, ser. IV, 143. — China.
- *confusata* Walk. l. c. IV, 143. — China.
- *confusella* Walk. Tijds. Dierk., 179. — East India.
- *albida* Walk. l. c. 171. — East India.
- *auripennis* Walk. l. c. 171. — East India.
- *lineolata* Walk. l. c. 173. — East India.
- *carthagenella* Walk. l. c. 173. — East India.
- *marginata* Walk. l. c. 173. — East India.
- *clara* Walk. l. c. 179. — East India.
- *lineola* Walk. l. c. 179. — East India.
- *limbata* Walk. l. c. 179. — East India.
- *aperta* Walk. l. c. 180. — East India.
- *afflicta* Walk. l. c. 183. — East India.
- *insulata* Walk. l. c. 183. — East India.
- *reflexa* Walk. l. c. 189. — East India.
- *degenera* Walk. Proc. Linn. Soc. I. 13, 45; 44, IV, 113, 43. — Singapore, Mussum.
- *metallica* Walk. l. c. I. 119, 71. — Borneo.
- *stercoraria* Del. Nat. Tijdschr. Ned. Ind. XVII, 33, 37; v. d. Walp. Tijdschr. v. Entom. XXIII, 168, 18, pl. 10 f. 2. — Ambolm, Mussum.
- Sp. d. proferens* Walk. Proc. Linn. Soc. IV, 113, 43.
- *argusata* Del. Nat. Tijdschr. Ned. Ind. XVII, 33, 38. — Ambolm.
- *protuberans* Walk. Proc. Linn. Soc. IV, 111, 43. — Mussum, Waigon.
- *antecedens* Walk. l. c. IV, 113, 43. — Mussum.
- *congrua* Walk. l. c. IV, 113, 44. — Mussum.
- *demonstrans* Walk. l. c. IV, 113, 45. — Mussum.
- *praedictans* Walk. l. c. IV, 113, 45. — Mussum.
- *devota* Walk. l. c. N. 143, 31. — Ambolm.
- *cautans* Walk. l. c. V, 145, 31. — Ambolm.
- *condemata* Walk. l. c. V, 145, 43. — Japan.
- *causa* Walk. l. c. VII, 143, 38. — Ceram.
- *apollaria* Walk. l. c. VIII, 131, 38. — New Guinea.
- *terminalis* v. d. Walp. Tijdschr. v. Entom. XI, 168, 18, pl. 2 f. 13. — Balabac.
- *truncatula* v. d. Walp. l. c. XI, 168, 18, pl. 4 f. 4. — Timor.
- *carbo* Kaul. Ann. Mus. Civ. VII, 412. — Borneo.

Argyramacha Fieber.

Flora. Ent. Monaster. IV. 31 (1850).

- 1. *disigma* Wied. Ann. Zool. I. 209. 74 (*Aethras*); Macq. Dipt. ex. II. I. 35. 9 (*Aethras*); Schin. Dipt. Nov. Reim, 122. 14; n. d. Wulp. Tijdschr. v. Entom. XXIII. 169. 19; id. Nat. Leyd. Mus. VII. 53. 39; Ost. Arch. Berl. Ent. Zeitschr. XXVI. 118. — Java, Sumatra, Celebes, Philippines, Gorontalo, Schowatt.
- Syn. *Aethras argyropus* Berl. Nat. Tijdschr. Ned. Ind. XIV. 485.
- *Aethras tripunctata* v. d. Wulp, Tijdschr. v. Ent. XI. 169. 11. pl. 4 f. 1.
- *umbellata* Walk. Proc. Linn. Soc. I. 119. 59 (*Aethras*); Ost. Arch. Ann. Mus. Ges. XVI. 422. — Borneo, Celebes, Waigoo.
- *melanota* v. d. Wulp, Nat. Leyd. Mus. VII. 53. 40. pl. 4 f. 2. — Java.
- *appendiculata* Fig. Ann. Soc. Ent. de France, 1852. 343. 1. — Pondichery.

Euchariomyia Fig.

Ann. Soc. Ent. de France, 1852. Bull. p. cxi (*Stenotomopsis* ?)

- E. *albata* Fig. 1-3. — Caylon.

Camptocla Macq.

Dipt. exot. II. I. 88 (1851).

- C. *transversata* v. d. Wulp, Tijdschr. v. Entom. XI. 119. 13. pl. 4 f. 3. — Timor.

Nouria Nixon.

Entomologist I. p. 229 (1861).

- N. *indocora* v. d. Wulp, Nat. Leyd. Mus. VII. 53. 45. — Paoon Gasser.

Bumbylla Linn.

Faun. Suec. 1762 (1761).

- B. *maculipes* Fabr. Syst. Ent. 883. 6; Wied. Ann. Zool. I. 242. 18. — Tranquebar.

†) Modification of the name *Euchariomyia* to *Stenotomopsis* by the author in *littera*.

- Bombylus tricolor* Guér. Iconogr. du règne an. III. 343. — Java.
 - *orientalis* Macq. Dipt. asiat. II. 1. 59. 3. pl. 6 f. 3. — East India.
 - *arvensis* Walk. List Dipt. Brit. Mus. II. 281. — East India.
 - *vestis* Walk. Dipt. Strand. 201. — East India.
 - *fulvipes* Big. Ann. Soc. Ent. France, 1852. 1852. 2. — Pondichery.
 - *alboparvus* Big. l. c. 358. 3. — Pondichery.

Comptosia Oul. Stack.

West. Dipt. 318 (1817).

- C. pulchella* v. d. Wulp. Tijdschr. v. Entom. XXIII. 164. 16. pl. 10 f. 5; M. Nat. Leyd. Mus. VII. 13 (*Bombylus*). — Java.

Systoechus Lw.

Nouv. Beitrage, III. 34 (1853).

- S. angustatus* Big. Ann. Soc. Ent. de France, 1852. 1852. 1. — Hindostan.

Amastoechus Oul. Stack.

West. Dipt. 331 (1817).

- A. longicauda* v. d. Wulp. Nat. Leyd. Mus. VII. 59. 45. — Hindostan.

Toxophora Macq.

Mag. Magn. II. 219 (1852).

- T. javana* Wied. Dipt. asiat. I. 178. 2; M. Ann. Zurich I. 242. 4; Macq. Sci. & Nat. I. 287. 3. — Java.
 - *alba* Walk. List Dipt. Brit. Mus. II. 285. — China.

Systropus Wied.

Nov. gen. Dipt. 19 (1820).

- S. ruficornis* Wied. Mag. du Zool. 1822. 4. pl. 80; M. Trans. Ent. Soc. 1818. 171. 4. pl. 18 f. 12. — East India.
 - *aphidius* Wied. Trans. Ent. Soc. V. 233. pl. 32 f. 4; M. Trans. 1826. 374. 4. — East India.
 - *aphidius* Walk. Proc. Linn. Soc. IV. 112. 48; Wied. Trans. Ent. Soc. 1826. 374. 1. — Maranau.

- *Blumel* Voll. Tereb. ex modis E. Acad. sci. XV. 3. 1. 4. — Java.
- *truncatius* Voll. I. c. 3. 2. — Sumatra.
- *polioleides* Wied. Trans. Ent. Soc. 1818. 454. 3. — Biam.
- *tipuloides* Wied. I. c. 578. 3. — Iles Salu (Malayan archipelago).

Geron Meig.

Syn. Doct. II. 243 (1823).

- *simplex* Walk. Proc. Linn. Soc. III. 49. 18. — Aron.

Phthiria Meig.

Hlg. Magn. II. 365 (1833).

- *gracilis* Walk. Dpt. Second. 184. — East India.

CYRTIDÆ.

Agrodes Latr.

Fabris insect. phys. tom. 134 (1794).

- *vestalis* Walk. Dpt. Second. 265 (Bengal). — East India.

MYDAIDÆ.

Mydas ? Fabr.

Ent. Syst. IV. 398 (1794).

- *ruficornis* Wied. Acad. sci. 23. 4. 2. Ann. Zool. I. 248. 6;
Wied. Arctica, I. 58. 18; Walk. List Dpt. Ent. Mus. VI.
367. 38. — Transgabar.
- *antifacilis* Walk. Proc. Linn. Soc. IV. 194. 481; Cat. Syst. Ann.
Mus. Gen. XVI. 423. — Macassar, Sumatra.

ASILIDÆ.

LEPTOGASTRÆ.

Leptogaster Meig.

Hlg. Magn. II. 389 (1833).

- *Barlow* Walk. List Dpt. Ent. Mus. II. 484. — Bengal.

1) See about the spelling of this generic name (*Mydas* or *Myda*) Erich. Fabric.
in Berl. Entom. Zeitschr. XL. p. 346.

Texara Walk.

Proc. Linn. Soc. I. 38 (1857).

- T. compressa** Walk. Proc. Linn. Soc. I. 38. 123. pl. 2 f. 5; id. I. 135. 168. — Singapore, Borneo.
- **dioctrioides** Walk. l. c. IV. 166. 120. — Macassar.

Stymbara Walk.

Proc. Linn. Soc. VIII. 127 (1865).

- St. vagaria** Walk. Proc. Linn. Soc. VIII. 127. 66. — New Guinea.

E P H Y D R I N A E.

Ochthera Latr.

Hist. nat. Crust. et Ins. XIV. 391 (1804).

- O. innotata** Walk. Proc. Linn. Soc. IV. 171. 237; id. VII. 238. 41. — Macassar, Ceram.
- **rotunda** Schin. Dipt. Nov. Reise, 243. 35. — Nicobar islands.

Dryxo Rob. D.

Myod. 787 (1830).

- Dr. hispoida** Rob. D. Myod. 787. 1; Macq. Suit. à Buff. II. 520. 1. — Sumatra.
- **fasciata** Jeann. Neue exot. Dipt. 60. 73. pl. 1 f. 14 (*Cyphops*). — Java.
- **digna** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 241. — Philippines
- **spretta** Ost. Sack. l. c. XXVI. 242. — Philippines.

Discomyza Meig.

Syst. Besch. VI. 76 (1830).

- D. obscurata** Walk. Proc. Linn. Soc. IV. 169. 230. — Macassar.
- **tenebrosa** Walk. l. c. VIII. 130. 74. — New Guinea.
- **pelagica** Frauenf. Verh. Zool. bot. Ges. Wien, XVII. 451; Schin. Dipt. Nov. Reise, 242. 31. — Nicobar islands.
- **punctipennis** v. d. Wulp, Dipt. Sum. exp. 56. 1. pl. 3 f. 18. — Sumatra.

Clasiopa Stenh.

Monogr. Ephydr. 251 (1844).

Cl. albitarsis v. d. Wulp, Dipt. Sum. exp. 56. 1. — Sumatra.**Notiphila Fall.**

Hydrom. 7 (1823).

N. fasciata Wied. Anal. ent. 57. 131; id. Auss. Zweifl. II. 589. 1. — East India.- **albiventris** Wied. Anal. ent. 58. 133; id. Auss. Zweifl. II. 589. 2. — East India.- **dorsopunctata** Wied. Anal. ent. 58. 134; id. Auss. Zweifl. II. 591. 5; v. d. Wulp. Tijdschr. v. Entom. XXXIV. 215. — East India, Java.- **indica** Wied. Anal. ent. 58. 135; id. Auss. Zweifl. II. 591. 6. — East India.- **peregrina** Wied. Auss. Zweifl. II. 592. 8. — China.- **chinensis** Wied. l. c. II. 592. 9. — China.- **immaculata** Wied. l. c. II. 592. 10. — China.- **lineosa** Walk. Proc. Linn. Soc. IV. 170. 232. — Macassar.- **quadrifasciata** Walk. l. c. IV. 170. 233. — Macassar.- **flavolinea** Walk. l. c. IV. 171. 234. — Macassar.- **ortalinoides** Walk. l. c. VII. 222. 98. — Mysol.- **unicolor** Walk. l. c. VII. 222. 99. — Mysol.- **unilineata** Walk. l. c. VIII. 129. 72. — New Guinea.- **carbonaria** Walk. l. c. VIII. 129. 73. — New Guinea.- **ortalinoides** Walk. l. c. VIII. 136. 13. — Salawatti.

Nomen bis lectum.

- **sternalis** Thoms. Dipt. Eugen. Resa, 593. 280. — Manilla.- **granifera** Thoms. l. c. 594. 282. — Isl. Ross.- **radiatula** Thoms. l. c. 595. 283. — China.- **ciliata** v. d. Wulp, Dipt. Sum. exp. 55. 1. — Sumatra.**Paralimna Löw.**

Mon. N. Am. Dipt. I. 138 (1862).

P. sinensis Schin. Dipt. Nov. Reise, 241. 27 (*Notiphila*); Ost. Sack. Ann. Mus. Gen. XVI. 492 and XVIII. 20. — China, Celebes.

Geomyza Fall.

Opomyz. 2 (1823).

G. laticosta Thoms. Dipt. Eugen. Resa, 598. 289. — Malacca.- **spuria** Thoms. l. c. 599. 291. — China.**Apsinota** v. d. Wulp.

Tijdschr. v. Entom. XXX. 178 (1887).

A. pictiventris v. d. Wulp, Tijdschr. v. Entom. XXX. 180. pl. 11 f. 13—15. — Java.**Drosophila** Fall.

Geomyz. 4 (1823).

Dr. nigriventris Macq. Dipt. exot. II. 3. 259. 3. — Cochinchina.- **Ananassae** Dol. Nat. Tijdschr. Ned. Ind. XVII. 128. 89; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 245. — Amboina;? Philippines.- **finigutta** Walk. Proc. Linn. Soc. III. 126. 162 (*Drosophila*?). — Aroe.- **melanospila** Walk. l. c. III. 126. 163. — Aroe.- **imparata** Walk. l. c. III. 126. 164. — Aroe.- **solennis** Walk. l. c. IV. 168. 225. — Macassar.- **rudis** Walk. l. c. IV. 168. 226. — Macassar.- **illata** Walk. l. c. IV. 168. 227. — Macassar.- **lurida** Walk. l. c. IV. 169. 228. — Macassar.- **lateralis** Walk. l. c. IV. 169. 229. — Macassar.- **pinguis** Walk. l. c. VIII. 128. 69. — New Guinea.- **dorsalis** Walk. l. c. VIII. 128. 70. — New Guinea.- **insulana** Schin. Dipt. Nov. Reise, 240. 24. — Nicobar islands.- **lineata** v. d. Wulp, Dipt. Sum. exp. 57. 1. — Sumatra.- **hypocausta** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 245. — Philippines.- **nigropunctata** v. d. Wulp, Tijdschr. v. Ent. XXXIV. 216. — Java.**Diplocentra** Löw.

Zeitschr. Verein. Schles. Insektenk. XIII (1859).

D. arenata Ost. Sack. Berl. Ent. Zeitschr. XXVI. 244. — Philippines.