

JOURNAL
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ASIATIC SOCIETY OF BENGAL.

Part II.—NATURAL SCIENCE.

SUPPLEMENT.

No. I.—1889.

I.—*Catalogue of the Insecta of the Oriental Region. No. 1. Order Coleoptera, Family Cicindelidæ.*—By E. T. ATKINSON, B. A.

The nucleus of the biological collections of the Indian Museum was formed from the old collections of the Asiatic Society, and, of late years, considerable attention has been devoted to the subject of rendering these collections more accessible to the public, and more useful in advancing the cause of biological research in India. It has been found that the first steps to be taken in these directions are the formation of correctly named collections, and the publication of catalogues, not only of the specimens actually in the Museum, but of the Oriental Region as a whole. Some progress has been made in this direction, our collections of insects are gradually being sent to specialists in Europe for identification, the catalogues of the Vertebrata are provided for, and we have already a catalogue of the Mollusca, and of the species of the various families of the animal kingdom found by Dr. Anderson in Mergui.

Amongst the Insecta, Mr. de Nicéville is bringing to completion his work on the Rhopalocerous section of the Lepidoptera, and Col. Swinhoe with Mr. Cotes, the catalogue of the Heterocerous section.

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Both these works are confined to the insects of India, Burma, and Ceylon, and a supplement will have to be added to complete them for the Oriental Region. I have finished the Homopterous section of the Rhynchota, and the Hemipterous portion is passing through the press. This, too, deals with the Indian region only, and will have to be added to, by giving a list of the species found elsewhere in the Oriental Region. Mr. Wood-Mason has also, in the press a valuable catalogue of the *Mantodea*. By the 'Oriental Region' is understood the tract defined by Wallace* under that name, but for various reasons I have made the course of the river Yangtse, the northern boundary in China. I exclude the Chinese Provinces of Honan and Shantung,† all Chinese Turkistán, and the Alai range,‡ Persia and Afghánistán. On the south, a line is drawn to the south of Mindanao, along the southern coast of Borneo to Java, where Bali alone is included. Celebes, Lombok, and all the islands to the south are excluded. The Asiatic Society has been good enough to support this scheme for the cataloguing of our collections, or rather what they ought to contain, and I trust that we may be able to enlist workers to complete this necessary equipment of all real entomological work in India. When the collections of our Indian Museum are correctly named, it will be possible, with the aid of these catalogues, to give substantial assistance to all interested in the investigation of our rich Fauna, and when it is considered that only the surface of the Insect Fauna of India has been examined, it may safely be said that much that is new remains for workers in this field. I think that I am authorised to say that every facility will be afforded to students and collectors by the staff of our Indian Museum for naming their collections, and that it rests with voluntary workers to make our collection what it ought to be, the first in the world in species connected with the Oriental Region. The species identified, and in the Indian Museum, are shown in angular brackets, with the precise locality. The locality (*Hab.*) first given is the one generally quoted and given in the books referred to. References to manuscript and mere catalogue names have been omitted. In verifying the references, I have been able to correct some errors of omission and commission, and to give the actual dates for nearly every description of a species, and for every genus quoted, a matter in which previous catalogues have not always been careful, and one which I consider to be essential for the full study of a group.

* Geographical Distribution of Animals, i, 1876, p. 314.

† A few from Kiangsi are noticed as there is reason to believe that they occur further south.

‡ A few from the Pámir, from Stoliczka's collection, are noticed, though not belonging to the Oriental Region, the types being in the Indian Museum.

Family CICINDELIDÆ.

Latreille, Gen. Crust. et Ins., i, 1806, p. 172 : Leach, Edinb. Enc., ix (i), 1815, p. 57 : Lacordaire, Gen. Col., i, 1854, p. 1 : Schaum, Naturg. Deutsch. Ins., i (i), 1856 : Chaud., Bull. Mosc., xxxiii (4), 1860, p. 269, 303 : Ann. Soc. Ent. Belg., xiii, 1870, p. 139 : Leconte, Class. Col. in Smithsonian Misc. Coll., 1861-2.

The chief abbreviations used in the references to this family are :—

Brullé, Arch. Mus.—'Archives du Muséum d' Histoire Naturelle,' Paris, 1839.

Chaud. Bull. Mosc.—Papers by Baron M. de Chaudoir in the 'Bulletin de la Société Impériale des Naturalistes de Moscou.'

Chaud. Mon.—Monograph of the genus '*Collyris*' in Annales de la Société entomologique de France, (4 ser.), iv, 1864, pp. 483-536.

Dej. Spec.—'Species general des Coléoptères de la collection de M. le Comte Dejean.' 6 Vols. Paris, 1825-38.

Fabr.—*Systema Eleutheratorum* of J. C. Fabricius, 2 Vols., 1801.

Guérin—Magazin de Zoologie by Guérin 1831-38 ; Magazin de Zoologie, d'anatomie comparée &c., 1839-48 : and Revue et Magazin de Zoologie pure et appliquée (2 ser.) 1849-72 : (3 ser.) 1873-76.

Herbst.—'Natursystem allerbekanntesten in- und aus-landischen Insekten.' Käfer pt 9 (1801), pt 10 (1806).

Mun. Cat.—'Catalogus Coleopterorum' by Dr. Gemminger and B. de Harold : 12 Vols. Munich 1868-76, the basis of this and all other catalogues of the Coleoptera.

Oliv. Ent.—'Entomologie ou Histoire Naturelle des Insectes.' 4 Vols, Paris, 1789-92. (Vol. ii, 1790).

Schmidt-Goebel.—'Faunula Coleopterorum Birmanis', 1846.

Wied.—Zoologisches Magazin, 2 vols, 1817-23.

Genus CICINDELA.

Linn., Syst. Nat., ii, 1735, p. 657 : Lacordaire, Gen. Col., i, p. 17 : Schaum, Berlin. Ent. Zeits., v, 1861 p. 68 ; vi, 1862 p. 122 ; Journ. Ent., ii (1863), 1866, p. 57 : Mun. Cat., p. 8 : Dokhtouff, Rev. Mens. d'Ent., i, 1883, p. 66.

Abroselis, Hope, Col. Man., ii, 1838, p. 19, 28.

Aenictomorpha, Chaudoir, Bull. Mosc., xxxiii (1), 1850, p. 11.

Antennaria, Dokhtouff, Rev. Mens. d' Ent., i, 1883, p. 68.

Calochroa, Hope, Col. Man., ii, 1838, p. 19.

Calochroma, Motsch., Et. Ent., 1862, p. 22.

Calomera, Motsch., l. c. p. 22.

Calostola, Motsch., l. c. p. 22.

Catoptria, Guérin, Rev. Mag. Zool., (2 s.), i, 1849, p. 146.

Cephalota, Dokhtouff, Rev. Mens. d' Ent., i, 1883, p. 70.

Cheilonycha, Lacordaire, Mém. Soc. Roy. Liège, 1842, p. 107.

Cicindosa, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 173.

Cratochaerea, Chaudoir, Bull. Mosc., xxxiii (1), 1850, p. 13.

Cylindera, Westwood, Jardine Mag. Zool. Bot., i, 1837, p. 251 ; Mod. Class. Ins., i, p. 54.

Ellipsoptera, Dokhtouff, Rev. Mens. d' Ent., i, 1883, p. 70.

Eulampra, Chaudoir, Bull. Mosc., xxi (1), 1848, p. 10.

Eumecus, Motsch., Käfer Russlands, 1850, t. 5 : Et. Ent., 1862, p. 22.

- Euryarthron*, Guérin, Rev. Mag. Zool., (2 s.), 1849, p. 81.
Euryoda, Lacordaire, Mém. Soc. Roy. Liège, 1842, p. 108.
Habrocelis, Dokhtoureff, Rev. Mens. d' Ent., i, 1888, p. 69.
Habrodera, Motsch., Et. Ent., 1862, p. 22.
Habroscelimorpha, Dokhtoureff, Rev. Mens. d' Ent., i, 1888, p. 69.
Habrotarsa, Motsch., Et. Ent., 1862, p. 22.
Heptadonta, Hope, Col. Man., ii, 1838, p. 25.
Hypaetha, Leconte, Trans. Amer. Phil. Soc., xi, p. 23.
Laphyra, Dupont, Dej. Cat., (3ed.), 1837, p. 67.
Myriochile, Motsch., Et. Ent., 1862, p. 22.
Parmecus, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 172.
Prepusa, Chaudoir, Bull. Mosc., xxiii (1), 1850, p. 15.
Prodotes, Thomson, Ann. Soc. Ent. Fr. (3 s.) iv, 1856 p. 332.
Prothyma, Hope, Col. Man., ii, 1838, p. 27.
Rhopaloteles, Guérin, undescr. ?
Thopeutica, Chaudoir, undescr. ?
- albina*, Wied., Zool. Mag., i (3), 1819, p. 169, No. 17.
albida, Dejean, Spec., i, 1825, p. 125.
 Hab. Bengal. [*Ind. Mus.* ? Berhampur].
- albopunctata*, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 10.
 Hab. N. India [*Ind. Mus.*, Simla].
- amurensis*, Morawitz, Bull. Acad. Imp. St. Petersburg., v, 1862, p. 238 ; Bates, Trans. Ent. S. Lond., 1873, p. 227 : 1883, p. 215.
 ? *Elisæ*, Motsch., Bull. Mosc., xxxii (2), 1859, p. 487.
 Hab. Yangtse Valley in China, Japan, Manchuria Ussuri.
- analis*, Fabr., Syst. Eleuth., i, 1801, p. 236 ; Lap. de Casteln., Hist. Nat. i, p. 20 : Chaud. Bull. Mosc., xxv (i), 1852, p. 11.
 Hab. Java, Sumatra, Borneo, [*Ind. Mus.*, Java].
- anchoralis*, Chevrolat, Rev. Zool., 1845, p. 97.
punctatissima, Schaum, Journ. Ent., ii (1863), 1866, p. 58.
 Hab. Macao, Amoy. [*Ind. Mus.*, China].
- angulata*, Fabr., Ent. Syst. Suppl., 1798, p. 62 : Herbst, Natursyst. Ins., Käfer, pt. x, p. 176, t. 171, f. 11 : Schmidt Goebel, Faun. Col. Birm., p. 4, t. 1, f. 8.
 ? *latipennis*, Parry, Trans. Ent. S. Lond., iv, 1845, p. 84.
 Hab. India, Tranquebar, Khasiya Hills [*Ind. Mus.*, Pegu, Sitang valley, Khasiya Hills, Sikkim, Malda, Berhampur, W. Bengal, Calcutta].
- araneipes*, Schaum, Journ. Ent. ii, (1863), 1866, p. 57.
 Hab. Borneo.
- Armandi*, Fairmaire, Ann. Soc. Ent. Fr., (6 s.) vi, 1886, p. 304.
 Hab. Yunnan.
- assamensis*, Parry, Trans. Ent. S. Lond., iv, 1845, p. 84 ; *id.*, v, p. 80, t. 11, f. 1.
 Hab. Assam [*Ind. Mus.*, Assam, Naga Hills, Sikkim].
- atelesta*, Chaudoir, Bull. Mosc., xxvii (i), 1854, p. 115.
imperfecta, Chaud., *l. c.*, xxv (i), 1852, p. 8.
 Hab. N. India, Simla.

- aurofasciata*, Dejean, Spec. v, 1831, p. 224.
Hab. India, Coromandel.
- aurulenta*, Fabr. Syst. Eleuth., i, 1801, p. 239; Dejean, Spec., i, p. 46.
Duponti, Dejean, Spec. ii, 1826, p. 419.
flavomaculata, Chevrol., Rev. Zool., 1845, p. 95.
Hab. Java, Sumatra, Coochinchina, China [*Ind. Mus.*, Hongkong, Singapur, Sibságar, Nága Hills, Nepál, Sikkim, Malda].
- azureocincta*, Bates, Cist. Ent., ii, 1878, p. 333.
Hab. Bombay.
- balucha*, Bates, l. c., p. 332.
Hab. Balúchistán.
- Beccarii*, R. Gestro, Ann. Mus. Civ. Gen., xv, 1880, p. 49.
Hab. Sumatra.
- bicolor*, Fabr., Spec. Ins., i, 1781, p. 283: Oliv., Ent., ii, 33, p. 11, t. 2, f. 14: Dej. Spec. i, p. 43.
Hab. India [*Ind. Mus.*, Malda].
- bigemina*, Klug, Jahrb. Ins., i, 1834, p. 30.
tremula, Brullé, Aroh. Mus., i, 1839, p. 135, t. 9, f. 8.
Hab. India [*Ind. Mus.*, Malda, Pankabári].
- biramosa*, Fabr., Spec. Ins., i, 1781, p. 286: Oliv., Ent., ii, 33, p. 26, t. 2, f. 16 a-b; t. 3, f. 29: Dejean, Spec., i, p. 133.
tridentata, Thunberg, Nov. Ins. Spec., 1781, p. 26, f. 40.
Hab. India, Colombo (Bates) [*Ind. Mus.*, S. India, Travancore, Madras, Kánara, Andaman Islands, Arakan, Chittagong, Sundarbans].
- borneana*, Dokhtouff, Rev. Mens. d' Ent., 1883, p. 40.
Hab. Borneo.
- bramani*, Dokhtouff, l. c., 1882, p. 262.
Hab. Coochinchina.
- calligramma*, Schaum, Berlin. Ent. Zeits., 1861, p. 69, t. 1 B, f. 1.
Hab. between Pondicherry and Tranquebar.
- cancellata*, Dejean, Spec., i, 1825, p. 123: Schmidt Goebel, Faun. Col. Birm., p. 5, t. 1, f. 4.
Hab. Burma, Java.
- Candei*, Chevrolat, Rev. Zool., 1845, p. 96.
Hab. Macao, Hongkong.
- catena*, Fabr., Syst. Ent., 1775, p. 226: Oliv., Ent., ii, 33, p. 20, t. 1, f. 12: Herbst, Natursyst. Ins., Käfer, pt. x. p. 170, t. 171, f. 5.
? *capensis*, Herbst, Aroh., p. 115, t. 27, f. 14.
Hab. India, Colombo (Bates) [*Ind. Mus.*, Berhampur].
- cathaiica*, Bates, Ent. Mon. Mag., x, 1874, p. 265.
Hab. Hongkong.
- chinensis*, Degeer, Ins. iv, 1774, t. 17, f. 23: Fabr., Ent. Syst., i, p. 173: Oliv., Ent., ii, 33, p. 9, t. 2, f. 20; t. 3, f. 30: Dejean, Spec., i, p. 44.

- japonica*, Thunberg, Nov. Ins. Spec., i, 1781, p. 25, t. 1, f. 89.
Hab. China, Hongkong to Yang-tse, Japan.
- chloris*, Hope, Gray Zool. Misc., 1831, p. 21.
assimilis, Hope, l. c., p. 21.
hemaleyica, Redten., Hügel Kasch., iv (ii), 1848, p. 497, t. 23, f. 1.
Hab. Nepál, Kashmir [*Ind. Mus.*, Yunnan, Tenasserim, Pegu, Sibságar, Sikkim].
- ohlorochila*, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 25.
Hab. China, Hongkong.
- ohloropleura*, Chaudoir, Cat. Coll., 1865, p. 59.
Hab. N. India.
- cinetella*, Chevrolat, Le Natur., ii, 1880, p. 93.
Hab. Andaman Islands.
- clara*, Schaum, Berlin. Ent. Zeits., 1860, p. 181, t. 3, f. 3.
var. suavissima, Schaum, l. c., 1862, p. 176.
Hab. Philippines, Luzon.
- cognata*, Wied., Zool. Mag., ii (i), 1823, p. 66.
? *grammophora*, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 7; see Schaum,
Journ. Ent. ii, p. 63.
Hab. N. India, Bengal, Madras.
- conicollis*, Schaum, Berlin. Ent. Zeits., 1862, p. 175 ♂; Journ. Ent., ii, 1866, p. 66
Hab. Philippines, Luzon.
- conspicua*, Schaum, l. c. *supra*, p. 177.
Hab. Philippines.
- copulata*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 9.
Hab. Calcutta (Kasipur).
- corticata*, Putzeys, C. E. Soc. Ent. Belg., xviii, 1875, p. lxix.
Hab. Ceylon.
- Crespignii*, Bates, Ent. Mon. Mag., viii, 1871, p. 379.
Hab. N. Borneo.
- cyanea*, Fabr., Mant. Ins., i, 1787, p. 185.
Hab. India.
- decempunctata*, Dejean, Spec., i, 1825, p. 145.
Hab. India.
- Dejeanii*, Hope, Gray Zool. Misc., 1831, p. 21.
Hab. Nepál.
- Delevayi*, Fairmaire, Ann. Soc. Ent. Fr., (6 s.), vi, 1886, p. 303.
Hab. Yunnan.
- despecta*, Flentiaux, C. E. Soc. Ent. Belg., 1886, p. xxxviii.
Hab. N. India.
- didyma*, Dejean, Spec., i, 1825, p. 48.
Hab. Java.

- discrepans**, Walker, Ann. Mag. N. H., (3 s.), ii., 1858, p. 202.
lacrymans, Schaum, Journ. Ent., ii, (1863), 1866, p. 57.
 Hab. Ceylon.
- distinguenda**, Dejean, Spec., i, 1825, p. 92.
Dohrnii, Motsch., Et. Ent., vi, 1857, p. 109.
 Hab. India.
- ditissima**, Bates, Ent. Mon. Mag. ix, 1872, p. 49.
 Hab. Hongkong.
- dives**, Gory, Mag. Zool., 1833, cl. ix, t. 97.
 Hab. Deccan.
- dolens**, Flentiaux, Bull. Soc. Ent. Fr., (6 s.) vi, 1886, p. cxi.
 Hab. Bombay.
- dromicoides**, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 21.
 Hab. Nepál, N. India.
- elaphroides**, Dokhtoureff, Rev. Mens. d' Ent., i, 1882, p. 276.
 Hab. Philippines, Manilla.
- elegantula**, Dokhtoureff, l. c., p. 261.
 Hab. Cochinchina.
- erudita**, Wied., Zool. Mag., ii (i), 1823, p. 68.
amabilis, Dejean, Spec., v, 1831, p. 228.
triramosa, Kollar, Ann. Wien Mus., i, 1836, p. 330, *test.* Schaum, Journ. Ent.,
 ii, p. 63.
chloropus, Brullé, Arch. Mus., i, 1839, p. 134, t. 9, f. 2.
 Hab. Java, Bengal [*Ind. Mus.*, S. India].
- Eugenia**, Chaudoir, Cat. Coll., 1865, p. 56.
 Hab. Cochinchina.
- excisa**, Schaum, Berlin. Ent. Zeits., 1862, p. 178, ♀.
 Hab. Philippines, Luzon.
- eximia**, Vanderlinden, Ess. Ins. Java, 1821, p. 14: Schaum, Berlin. Ent. Zeits.,
 1861, p. 71.
 Var. *Diana*, Thomson, Arc. Nat., 1859, p. 90.
 „ *Latonia*, Schaum, Berlin. Ent. Zeits., 1861, p. 71, t. 1B., f. 5.
 Hab. Java, Celebes.
- exornata**, Schmidt Goebel, Faun. Col. Birm., 1846, p. 1, t. 1, f. 7.
 Hab. Burma.
- fastidiosa**, Dejean, Spec., i, 1825, p. 95.
litigiosa, Dejean, l. c., p. 97.
 Hab. India.
- Fauveli**, Dokhtoureff, Rev. Mens. d' Ent., i, 1882, p. 275.
 Hab. Malacca.
- fligera**, Bates, Cist. Ent., ii, 1878, p. 332.
 Hab. Borneo.

- flammulata*, Quedenf., Berlin. Ent. Zeits. xxvii, 1833, p. 241.
Hab. Malacca.
- flavolineata*, Chaudoir, Cat. Coll., 1865, p. 60.
Hab. Laos.
- flavomaculata*, Hope, Gray Zool. Misc., 1831, p. 21.
Hab. Nepál.
- flavovittata*, Chaudoir, Cat. Coll., 1865, p. 61.
Hab. India, Coromandel.
- fugax*, Schaum, Berlin. Ent. Zeits., 1862, p. 177, ♀.
Hab. Philippines, Luzon.
- fuliginosa*, Dejean, Spec., ii, 1826, p. 415 : Schmidt Goebel, Faun. Col. Birm., p. 5,
t. 1, f. 6, ♂.
Hab. Cochinchina, Burma [*Ind. Mus.*, Borneo, Pegu].
- funebria*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 8.
Hab. Burma.
- funerea*, Mac Leay, Annual. Javan, (*ed.* Lequien), 1833, p. 107 : Schaum, Journ.
Ent., ii, p. 62.
marginepunctata, Dejean, Spec., ii, 1826, p. 428.
multinotata, Schaum, Berlin. Ent. Zeits., 1861, p. 72.
var. *opigrapha*, Dejean, Spec., v, 1831, p. 247.
Hab. Burma, Cochinchina, Java, Celebes [*Ind. Mus.*, Java].
- funesta*, Fabr. Syst. Eleuth., i, 1801, p. 243 : Dejean, Spec., i, p. 148 : Lap. de Casteln.
Hist. Nat. Ins., iv, p. 20.
obscura, Fabr. Ent. Syst. Scoppl. 1793, p. 62.
Hab. India.
- goryi*, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 3.
lepida, Gory, Mag. Zool., 1833, cl. ix, t. 96.
? = *princeps*, Vigors, q. v.
Hab. India, Deccan [*Ind. Mus.*, Nilgiris, Bangalore].
- grammophora*, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 7.
? = *cognata*, Wied., q. v.
Hab. N. India.
- guttata*, Wied., Zool. Mag. ii (i), 1823, p. 63.
Hab. Bengal.
- guttula*, Fabr., Syst. Eleuth, i, 1801, p. 244 : Guérin, Mag. Zool., 1835, cl. ix, t. 131.
Hab. ? Indian Archipelago, Oceania.
- gyllenhall*, Dejean, Spec. i, 1825, p. 143 : Schaum, Journ. Ent., ii, p. 62.
Hab. India.
- haemorrhoidalis*, Wied., Zool. Mag. ii (i), 1823, p. 63.
flavopunctata, Audouin, Mag. Zool., 1833, cl. ix, t. 18.
quadrifasciata, Sturm, Cat., 1826, p. 55, t. 1, f. 1.
Hab. Bengal [*Ind. Mus.*, Sibságar, Calcutta].

- Helferi**, Schaum, Journ. Ent., ii (1863), 1866, p. 69.
limbata, Schmidt Goebel (*nec* Wied.), Faun. Col. Birm., 1846, p. 7, ♀.
- hybrida**, Linn., Syst. Nat. i, ii, p. 657: Dejean, Spec., i, p. 64, 67, 69; Ic. ii, p. 19, t. 2, f. 6: for full syn. see Mnn. Cat., p. 18.
 var. *palpalis*, Dokhtoureff, Hor. Ent. Soc. Ross., xxii, 1887, p. 139.
 Hab. China.
- Hopei**, Parry, Trans. Ent. S. Lond., iv, 1845, p. 84.
varipes (*Aenictomorpha*), Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 11.
 Hab. Assam, N. India.
- intermedia**, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 6.
 Hab. India [*Ind. Mus.*, Jhelam valley].
- interruptofasciata**, Schmidt Goebel, Faun. Col. Birm., 1846, p. 2, t. 1, f. 1, ♂.
 Hab. Burma, [*Ind. Mus.*, Pegu].
- kaïsea**, Bates, Proc. Zool. S. Lond., 1866, p. 340: *id.*, Trans. Ent. S. Lond., 1873, p. 32-3.
 Hab. Formosa, Fuchow, Shanghai, [*Ind. Mus.*, China].
- lacrymosa**, Dejean, Spec., i, 1825, p. 106.
insularis, Blanchard, Voy. Pole Sud. iv, 1853, p. 3, t. 1, f. 1; Schaum, Berlin. Ent. Zeits., 1850, p. 203.
 Hab. Philippines, Luzon.
- lacunosa**, Putzeys, C. R. Soc. Ent. Belg., xviii, 1875, p. lxxviii.
 Hab. Ceylon.
- leucoloma**, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 12.
 Hab. Simla.
- limbata**, Wied., Zool. Mag., ii (i), 1823, p. 65.
tetraspilota (*Euryoda*), Chaudoir, Bull. Mosc., xxv (i), 1852, p. 29.
 Hab. Bengal [*Ind. Mus.*, Jhelam valley].
- limosa**, Saunders, Trans. Ent. S. Lond., i, 1834, p. 64, t. 7, f. 6: Schmidt Goebel, Faun. Col. Birm., p. 7: Schaum, Journ. Ent., ii, p. 62.
 Hab. Diamond Harbour (River Hughli), Sibpur.
- lineifrons**, Chaudoir, Cat. Coll., 1865, p. 62.
 Hab. Cambodia.
- longipes**, Fabr., Ent. Syst. Supp., 1798, p. 61: Herbst, Natursyst. Ins., Käfer, pt. x, p. 172, t. 171, f. 7: Lap. de Casteln., Hist. Nat. Ins., i, p. 19.
 Hab. India, Tranquebar, Java.
- macillenta**, Schaum., Berlin, Ent. Zeits., 1862, p. 178, ♀.
 ? *elaphroides*, Dokhtoureff, Rev. d' Ent., 1892, p. 261.
 Hab. Philippines, Luzon.
- mandarina** (Chaudoir), Fleutiaux, C. R. Soc. Ent. Belg., 1886, p. lxxviii: Fairmaire *l. c.*, 1887, p. 89.
 Hab. iv. China, Japan, Moupin, Kiansi.
- mandibularis**, Schaum, *l. c.*, 1860, p. 182; Journ. Ent., ii, p. 67.
 Hab. Philippines, Luzon.

- melancholica*, Fabr., Ent. Syst. Supp., 1798, p. 63.
ægyptiaca, Dejean, Spec., i, 1825, p. 96: Klug., Symb. Phys., iii, t. 21, f. 7:
 Guérin. Mag. Zool., p. 12, t. 161, f. 1a.
hesperica, Motsch., Bull. Mosc., xxii (3), 1849, p. 65.
 ? *ludia*, Dejean, Spec., v, 1831, p. 244.
 Var. *connexa*, Chaudoir, Enum. Carab., p. 54.
 ,, *dignoscenda*, Chaudoir, l. c., p. 53.
 ,, *orientalis*, Dejean, Spec., i, p. 93.
 Hab. Sierra Leone, Egypt, Spain, Sicily, Lenkoran, Arabia, Java [*Ind. Mus.*,
 Bengal].
- melanopyga*, Schaum, Berlin. Ent. Zeits., 1862, p. 173.
 Hab. Philippines, Luzon.
- minute*, Fabr., Ent. Syst., i, 1775, p. 178: Oliv. Ent., ii, 83, p. 31, t. 2, f. 13a-b:
 Schaum, Journ. Ent., ii (1863), p. 62.
acuminata, Kollar, Ann. Wien., Mus., i, 1836, p. 331.
baltimorensis, Herbst, Natursyst. Ins., Käfer, pt. x, p. 181, t. 172, f. 3.
Prinsepis, Saunders, Trans. Ent. S. Lond., i, 1834, p. 65, t. 7, f. 7.
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Var. *holosericea*, Fabr., Syst. Eleuth., i, 1801, p. 243.

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vigintiguttata, Herbst, Natursyst. Ins., Käfer, pt. x, 1806, p. 174, t. 171, f. 9:

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Hab. India, Bengal.

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Hab. Java, Celebes.

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Hab. Philippines.

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Hab. India, Mauritius.

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grossa, Fabr., Spec. Ins., i, 1781, p. 282 : Oliv. Ent., ii, 33, p. 8, t. 2, f. 23 ; Hübner,
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Hab. India, Coromandel.

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chlorida, Chandoir, Cat. Coll., 1865, p. 56.

Hab. India, Malabar.

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Hab. India, Madras.

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Hab. Bengal.

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Hab. Philippines.

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Hab. Nága Hills (Assam).
- cœruleus**, Latreille, *IC.*, i, 1822, p. 64, t. 1, f. 2.
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- coracinus**, Erichs., *Nov. Acta Leop.* xvi, Supp., 1834, p. 219 : Klug, *Jahrb.*, i, p. 43 :
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Hab. Philippines, Luzon.
- dimidiatus**, Dejean, *Spec.*, i, 1825, p. 159 : Schaum, *Berlin. Ent. Zeits.*, 1860, p. 186.
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- erinnys**, Bates, *Ent. Mon. Mag.*, x, 1874, p. 269.
Hab. N. W. Borneo.
- Everetti**, Bates, *Cist. Ent.* ii, 1878, p. 334.
Hab. Philippines, Mindanao.
- fasciatus**, Fabr., *Syst. Eleuth.*, i, 1801, p. 244 : Schaum, *Berlin. Ent. Zeit.* 1863, p. 67.
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,, *vigilax*, Schaum, *l. c.*, 1862, p. 179 ; *Journ. Ent.*, ii, p. 72.
,, *fulvicollis*, Thomson, *Mus. Scient.*, 1860, p. 42.
Hab. Borneo, Philippines (Mindanao), Batchian, Oceania.
- princeps**, Bates, *Cist. Ent.*, ii, 1878, p. 335.
Hab. N. W. Borneo.
- punctipennis**, Bates, *l. c.*, p. 334.
Hab. Philippines, Mindanao.
- Schaumi**, Chaudoir, *Cat. Coll.*, 1865, p. 55.
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- Semper**, Schaum, *Berlin. Ent. Zeits.*, 1860, p. 185, t. 3, f. 2, ♀.
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Hab. Philippines, Luzon, Manilla.
- spectabilis**, Schaum, *Berlin. Ent. Zeits.*, 1863, p. 68, t. 3, f. 1.
Hab. Borneo.
- spinipennis**, Latreille, *IC. Col. Eur.*, 1822, p. 64, t. 1, f. 3. ♂ : Chaudoir, *Bull. Mosc.*,
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Hab. N. W. Borneo.

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Hab. Borneo, Sarawak.

Genus **TRICONDYLA.**

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Hab. Borneo, Sarawak.

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Hab. Sumatra.

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Hab. Philippines.

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Hab. Philippines, Luzon.

concinna, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 298.

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Hab. Philippines.

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Hab. Ceylon, Trincomalee.

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Hab. Java, Borneo.

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Hab. Cambodia.
- gibbiceps**, Chaudoir, *l. c.* xxxiii (4), 1860, p. 296.
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- granulifera**, Motsch., Et. Ent., 1857, p. 110, f. 3.
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- macrodera**, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 300.
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- Mellyi**, Chaudoir, *l. c.*, xxxiii (i), 1850, p. 17.
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- nematodes**, Schaum, Journ. Ent., ii (1868), 1866, p. 61, t. 4, f. 1.
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- ovicollis**, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 178.
Hab. Philippines.
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,, *violacea*, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 302.
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- planiceps**, Schaum, Berlin. Ent. Zeits., 1862, p. 181.
Hab. Philippines.
- pulchripes**, White, Ann. Mag. N. H., xiv, 1844, p. 422.
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- punctipennis**, Chevrolat, Rev. Zool., 1841, p. 221 : Chaud., Bull. Mosc., xxxiii (4)
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,, *vicina*, Chaud., *l. c.*, p. 457.
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- scitiscabra**, Walker, Ann. Mag. N. H., (3 s.), ii, 1858, p. 51.
Hab. Ceylon.

- sticticeps* (*stricticeps*), Chaudoir, Rev. Mag. Zool., (2 s.) xvi, 1864, p. 74.
Hab. Malacca. [*Ind. Mus., Sikkim*].
- tuberculata*, Chaudoir, Bull. Mosc., xxxiii (iv), 1864, p. 301.
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- tumidula*, Walker, Ann. Mag. N. H., (3 s.), iii, 1858, p. 50.
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- acrolia*, Chaudoir, Bull. Mosc., l. c., p. 288 ; *id.*, *Mon.*, p. 520, t. 8, f. 17 : Schaum
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- andamana*, Bates, Cist. Ent., ii, 1878, p. 335.
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- Arnoldi*, MacLeay, Annul. Javan., 1825, p. 10 : Chand., *Mon.*, p. 528, t. 9, f. 20.
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- attenuata*, Redtenb., Hügel Kaschm., iv (2), 1844, p. 498 : Chand., *Mon.*, p. 523
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Hab. Kashmir, Simla. [*Ind. Mus., Sikkim*].
- Bonelli* Guérin, Voy. Belanger, Ins., 1834, p. 48, t. 2, f. 1 : Lasp. de Casteln., Hist.
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„ ? *ruficornis*, Brullé, Arch. Mus., i, 1839, p. 139.
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- caviceps*, Klug, Jahrb. Ins., 1834, p. 35: Chaud., *Mon.*, p. 491.
longicollis, Herbst, Natursyst. Ins., Käfer, pt. x, 1806, p. 215, t. 173, f. 9
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- ceylonica*, Chaudoir, *Mon.*, p. 529.
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- chloroptera*, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 294; *id.*, *Mon.*, p. 522.
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- conicollis*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 176.
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- crassicollis*, Chaudoir, *Mon.*, p. 497, ♀.
 Hab. India.
- crassicornis*, Dejean, Spec., 1825, p. 166: Chaud., Bull. Mosc., xxxiii (i), 1860
 p. 297: *id.*, *Mon.*, p. 494, t. 7, f. 2.
Diardi, Mac Leay, Annul. Javan., 1825, p. 10.
MacLeayi, Brullé, Silb. Rev., ii, 1834, p. 101.
pleurítica, Schmidt Goebel, Faun. Col. Birm., 1846, p. 13, ♂.
 Var. *gibbicollis*, Motsch., Et. Ent., 1857, p. 110, f. 4.
 „ *purpurata*, Klug, Jahrb. Ins., 1834, p. 46.
 Hab. N. India, Assam, Burma, Java, Sunda Islands, Moluccas, Hongkong. [*Ind. Mus.*, Andamans].
- cribripennis*, Thomson, Arch., Ent., i, 1857, p. 133: Chaud., *Mon.*, p. 509.
 Hab. Borneo, Sarawak.
- cribrosa*, Chaudoir, *Mon.*, p. 507.
 ? *melanopoda*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 13; Chaud., *Mon.*,
 p. 508.
 Var. *flavitaris*, Brullé, Arch. Mus., i, 1839, p. 141.
 „ *rufitaris*, Klug, Jahrb. Insec., 1834, p. 45.
 Hab. Burma, Java.
- cruentata*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 14; Chaud., *Mon.*, p. 505.
 Hab. India, Burma, Borneo.
- cylindripennis*, Chaudoir, Rev. Zool., 1864, p. 106; *Mon.*, p. 514, t. 8, f. 18.
 Hab. Siam.
- diffracta*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 17; Chaud., *Mon.*, 499.
 Hab. Burma.
- dimidiata*, Chaudoir, *Mon.*, p. 521, t. 9, f. 18.
 Hab. Malacca, Laos. [*Ind. Mus.*, Andamans].
- discolor*, Chaudoir, *Mon.*, p. 531.
 Hab. Sumatra.
- distincta*, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 290; *Mon.*, p. 501.
 Hab. India.
- Dohrnii*, Chaudoir, Bull. Mosc., l. c. *supra* p. 286; *Mon.*, p. 490.
 Hab. Ceylon, Colombo.

- dolens*, Chaudoir, Berlin. Ent. Zeits., 1861, p. 399; *Mon.*, p. 510.
Hab. Borneo, Sarawak.
- elongata*, Chaudoir, *Mon.*, p. 509, ♀.
Hab. Malacca.
- emarginata*, Dejean, Spec., i, 1825, p. 165; MacLeay, *Annul. Javan.*, p. 10; Chaud., *Mon.*, p. 506, t. 7, f. 8.
brevicollis, Klug, Jahrb. Ins., 1834, p. 46.
longicollis, Oliv., Ent., ii, 1790, 33, p. 7, t. 2, f. 17; Latreille, Gen. Crust., p. 176, t. 6, f. 8.
Hab. Borneo, Java. [*Ind. Mus.*, Sibságar, Assam].
- fasciata*, Chaudoir, Rev. Mag. Zool., (2 s.), xvi, 1864, p. 107; *Mon.*, p. 513, t. 8, f. 12.
Hab. Siam,
- fliformis*, Chaudoir, Bull. Mosc., xvi (3), 1843, p. 697; *Mon.*, p. 507, t. 8, f. 9.
Hab. Java.
- flavicornis*, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 292; *Mon.*, p. 512, t. 8, f. 11.
Hab. N. India, Malaya, Coochinina.
- formosana*, Bates, Proc. Zool. S. Lond., 1866, p. 341.
Hab. Formosa.
- fuscicornis*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 177.
Hab. India.
- fuscitarsis*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 16; Chaud., *Mon.*, p. 499.
cylindrica, Schmidt Goebel, l. c., p. 15.
Hab. India, Burma, Malaya. [*Ind. Mus.*, Assam].
- gibbicollis*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 178.
Hab. Assam.
- Horsfieldi*, MacLeay, *Annul. Javan.*, 1825, p. 11; Chaud., *Mon.*, p. 532, t. 9, f. 23
a-b.
rugicollis, Klug, Jahrb. Ins., 1834, p. 46.
Hab. Java.
- impresifrons*, Chaudoir, *Mon.*, p. 500.
Hab. Coochinina. [*Ind. Mus.*—?].
- insignis*, Chaudoir, Rev. Mag. Zool., (2 s.), xvi, 1864, p. 76; *Mon.*, p. 496, t. 7, f. 4,
4a, ♀.
Hab. Assam (Silhat). [*Ind. Mus.*, Sikkim].
- leucodactyla*, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 297; *Mon.*, p. 530, t. 9, f. 21.
albitarsis, Thomson, Arch. Ent., i, 1857, p. 132.
? *leucopus*, Schaum, Berlin. Ent., Zeits., 1861, p. 79.
Hab. Borneo, Sarawak.
- linearis*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 15; Chaud., *Mon.*, p. 523.
Hab. Burma, Siam.
- lissodera*, Chaudoir, *Mon.*, p. 532.
Hab. Borneo, Sarawak.

- longicollis*, Fabr., Mant. Ins., i, 1787, p. 185 : Chaud., *Mon.*, p. 490, t. 7, f. 1.
Lafertei, Chaud., Bull. Mosc., xxxiii (4), 1860, p. 284.
 Hab. N. India, Siam, Java, Borneo.
- longicornis*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 176.
 Hab. Burma.
- Lundii*, Crotch, Col. Hefte, v, 1869, p. 106.
aptera, Lund, Acta Soc. Hist. Nat. Hafn., i, 1790, p. 65, t. 6, f. 1, *nec*
 Oliv. : Schneid. Mag. i, p. 13 : Fabr. Ent. Syst., i, p. 169 : Schaum, Stettin.
 Ent. Zeit., 1847, p. 50 : Chaudoir, Bull. Mosc., xxxvii (4), 1860, p. 286 ;
Mon., p. 518, t. 8, f. 15.
 Hab. Bengal.
- macrodera*, Chaudoir, Rev. Mag. Zool., (2 s.), xvi, 1864, p. 105 : Chaud., *Mon.*,
 p. 536.
 Hab. Malacca.
- maculicornis*, Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 19 ; *Mon.* p. 524.
 Hab. N. India, Simla.
- major*, Latreille, Ic. Col. Eur., i, 1822, p. 66, t. 2, f. 4, 5 : Brullé, Hist. Nat. Ins., iv,
 t. 3, f. 1 : Chaud., *Mon.*, p. 517, ♀.
 Hab. Malacca.
- Mniszechii*, Chaudoir, Rev. Mag. Zool., (2 s.) xvi, 1864, p. 75 ; *Mon.*, p. 492.
 Hab. Malacca, Laos.
- modesta*, Dejean, Spec., v, 1831, p. 275 ; Ic. Col. Eur., i, p. 58, t. 6, f. 8 : Chaud.
Mon., p. 510.
Dierdi, Latreille, Ic. Col. Eur. (1 ed.), 1822, p. 66.
tarsata, Klug, Jahrb. Ins., 1834, p. 45.
 Hab. Malacca, Java. [*Ind. Mus.*, Sibságar, Assam].
- moesta*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 14 ; Chaud., *Mon.*, p. 505.
 Hab. Burma.
- Mouhotii*, Chaudoir, *Mon.*, p. 515.
 Hab. Laos.
- nigricornis*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 177.
 Hab. India.
- ortygia*, Buquet, Ann. Soc. Ent. Fr., iv, 1835, p. 604 : Chaud., *Mon.*, p. 502, t. 7, f. 6.
cribellata, Chaud., Bull. Mosc., xxxiii (4), 1860, p. 290, ♀.
var. puncticollis, Chaud., l. c., p. 291, ♀.
 Hab. Deccan, N. India, Java, Sunda Islands [*Ind. Mus.* Jhelam valley].
- parvula*, Chaudoir, Bull. Mosc., xxi (i), 1848, p. 17 ; *Mon.*, p. 527.
 Hab. Bombay.
- plicata*, Schaum, Journ. Ent., ii (1863), 1866, p. 61 : Chaud., *Mon.*, p. 520.
 Hab. Philippines, Luzon.
- plicaticollis*, Chaudoir, *Mon.*, p. 534.
 Hab. Ceylon.

- postica*, Brullé, Arch. Mus., i, 1839, p. 138, t. 9, f. 8: Chaud., *Mon.*, p. 504, ♀.
Hab. Sumatra, Java.
- procera*, Chaudoir, *Mon.*, p. 501.
Hab. Bombay.
- punctatella*, Chaudoir, *Mon.*, p. 525.
Hab. Ceylon, Balangoda (Bates).
- purpurata*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 171.
Hab. India.
- Rhodopus*, Bates, Cist. Ent., ii, 1878, p. 335.
Hab. N. Borneo.
- Robynsii*, Vander Linden, Ess. Ins. Jav., i, 1821, p. 24: Lap. de Casteln., Hist. Nat. Ins., i, p. 24: Chaud., *Mon.*, p. 535.
- rubens*, Bates, Cist. Ent., ii, 1878, p. 336.
Hab. Assam.
- rufipalpis*, Chaudoir, *Mon.*, p. 504.
Hab. N. India.
- rufipes*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 175.
Hab. Bengal.
- rugosa*, Chaudoir, *Mon.*, p. 515.
Hab. — ?
- saphyrina*, Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 18; *Mon.*, p. 498, t. 7, f. 5.
Boysii, Chaud., l. c., xxxiii (4), 1860, p. 288, ♀.
Hab. N. India.
- sarawakensis*, Thomson, Arch. Ent., i, 1857, p. 133: Chaud., *Mon.*, p. 531, t. 9, f. 22.
Hab. Borneo, Sarawak.
- Saundersii*, Chaudoir, *Mon.*, p. 496, ♀.
Hab. Ceylon, Colombo (Bates).
- Smithii*, Chaudoir, *Mon.*, p. 518.
Hab. India.
- speciosa*, Schaum, Journ. Ent., ii (1863), 1866, p. 62; Chaud., *Mon.*, p. 519, t. 8 f. 16.
Hab. Philippines, Luzon.
- sublavata*, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 289; *Mon.*, p. 495, t. 7, f. 3.
Hab. Decan, N. India. [*Ind. Mus.*, Malda].
- subtilis*, Chaudoir, Rev. Mag. Zool., (2 s.), xv, 1863, p. 112; *Mon.*, p. 525.
Hab. Siam.
- tenuicornis*, Chaudoir, *Mon.*, p. 526.
Hab. Singapur.
- terminalis*, Chaudoir, *Mon.*, p. 509.
Hab. Malacca, Tringani.

- tuberculata*, MacLeay, *Annul. Javan.*, 1825, p. 10: Chaud., *Mon.*, p. 516, t. 8, f. 14.,
Audouinii, Lap. de Casteln., *Silb. Rev.*, iii, 1834, p. 86; *Hist. Nat. Col.*, i,
 p. 24: Brullé, *Hist. Nat. Ins.*, iv, p. 100.
longicollis, Dejean, *Spec.*, i, 1825, p. 163; *IC. Col. Eur.*, i, p. 67, t. 2, f. 3:
 Chaud., *Bull. Mosc.*, xxxiii (4), 1860, p. 296.
 var. *Chevolatii*, Guerin, *Mag. Zool.*, 1838, cl. ix, t. 225, f. 1 a-c: Schaum, *Berlin*
Ent. Zeits., 1861, p. 80.
 Hab. Java.
- varicornis*, Chaudoir, *Mon.*, p. 530.
 Hab. Assam (Silhat).
- varitarsis*, Chaudoir, *Bull. Mosc.*, xxxiii (4), 1860, p. 295; *Mon.*, p. 523.
 Hab. N. India.
- violacea*, Motsch., *Bull. Mosc.*, xxxvii (3), 1864, p. 176.
 Hab. Burma.
- Waterhousei*, Chaudoir, *Rev. Mag. Zool.*, (2 s.), xvi, 1864, p. 104; *Mon.*, p. 521.
 Hab. Philippines? Manila.
- xanthoscelis*, Chaudoir, *Mon.*, p. 526.
 Hab. Singapur.

CORRECTIONS and ADDITIONS:—

- p. 5, after *bramini*, Dokhtoureff, for 'l. c.' read 'Rev. d' Ent.'
- „ *Duponti*, Dejean, is a good species and is not a synonym of *aurulenta*, Fabr.
 The Indian Museum has examples from several districts in Assam, and
 from S. India.
- „ 7, *dolens*, Fleutiaux, is a variety of *funebri*, Schmidt Goebel, and is found in
 Sikkim and Assam.
- „ after '*elaphroides* Dokhtoureff, Rev.' omit 'Mens.'. This species is pro-
 bably the same as *C. macilenta*, Chaudoir, q. v.
- „ after '*Fauveli*, Dokhtoureff, Rev.' omit 'Mens.'

Whilst these pages were passing through the press, M. Fleutiaux has examined
 the Indian Museum collection and we get the following precise localities:—

Cicindela:—

- calligramma*, Schaum, Trivandrum.
chinensis, De Geer, N. India, Simla.
dolens, Fleut., var. of *funebri*, Sikkim, Assam.
fastidiosa, Dejean, Assam.
favovittata, Chaudoir, Trivandrum.
funebri, Schmidt Goebel, Sikkim, Assam, Pegu.
grammophora, Chaudoir, Mahanadi.
lineifrons, Chaudoir, Pegu.
nitidus, Wiedemann, Malda, Pegu.
striatifrons, Chaudoir, Berhampur.
superba, Kollar, S. E. Borneo.
tetragrammica, Chaudoir, S. India.
viduata, Fabr., var. *holosericea*, Bengal

Whithilli, Hope, Poona, Bombay.
yunnana, Fairmaire, Sikkim.

Dromicidia:—

scrobiculata, Wiedemann, Malda.

Odontochila:—

? *heteromalla* MacLeay, Sikkim.

Add:—

Genus **TETRACHA**, Hope.

Col. Man., ii, 1838, p. 7: Mun. Cat., p. 3.

euphratica, Dejean, Spec., i, 1825, p. 7: J. Duval, Gen. Col. Carab., t. 1, f. 1:

Coquerel, Ann. Soc. Ent. Fr., 1859, p. 615, t. 14, f. a-f.

algeriana, Guérin, Bull. Soc. Ent. Fr., 1846, p. xviii.

Hab. Spain, Algeria, Armenia [*Ind. Mus.*, Agra, N. W. P.].

II.—*Catalogue of the Insecta.*

Order RHYNCHOTA.

Suborder HEMIPTERA-HETEROPTERA.

Family CAPSIDÆ.

By E. T. ATKINSON, B. A.

Astemmites, Laporte, Ess. des Hém., 1835, p. 36.*Capsini*, Burm., Handb. Ent., ii, 1835, p. 263.*Bicelluli*, Am. and Serv., Hist. Nat. Ins. Hém., 1843, p. 275.*Phytocoridae*, Fieber, Eur. Hem., 1861, p. 26.*Isometopidae*, Fieber, l. c., p. 26.*Capsidæ*, Westw., Intr. Mod. Class. Ins., ii, 1840, p. 479: Reuter, Hem. Gymn. Eur., i, 1879, p. 13.

Mr. Distant in his introduction* to the *Capsidæ* of Central America writes:—"The members of this family are readily recognised by the elongated and 4-jointed antennæ, of which the second joint is frequently more or less thickened at the apex, and the two terminal joints are more or less slender, and also, and principally, by the corium terminating in a distinctly differentiated section called the cuneus. If we except a very considerable knowledge of the Palearctic *Capsidæ*, and a less acquaintance with those of the Nearctic region, we may safely presume to say that those of the Ethiopian, Oriental, and Australian regions, are practically unworked and unknown." This statement as to our knowledge of the *Capsidæ* is true to the present day as regards the Ethiopian, Oriental, and Australian regions. Dr. Stål did much for the *Capsidæ* of Brazil, Dr. Berg, for those of the Argentine Republic, and Mr. Distant has described and figured a considerable number from Central America. To commence the study of the extra-European old world *Capsidæ*, it seemed necessary to catalogue those already described from all countries, and I now present this list to my fellow-entomologists as my contribution to the work. No attempt has ever been made to make a complete catalogue of the described species, and, indeed, it would have still been impossible to achieve it were it not for the labours of Reuter, Puton, Lethierry, Horvath, Uhler, and Ferrari, and especially the great works of the first-named author, which must ever remain the principal guides to the study of the family.

The bibliographical table annexed gives the principal abbreviations used in this catalogue and the full title of the works referred to. Fieber's 'European Hemiptera' and Reuter's 'Hemiptera Gymnocerata Europæ,' are necessary aids to the student. For the fuller

* Biol. Centr.-Amer. Rhyn, 1883, p. 234.

synonymy of the older species, reference should also be made to Reuter's '*Revisio synonymica Heteropterorum palaearticorum quas descripserunt auctores vetustiores*' (Linnæus, 1758; Latreille, 1806): Helsingfors, 1888. In this laborious work, Herr Reuter arranges the synonymy on the basis of priority in the printed publication of recognisable descriptions of species, setting aside the compromises due to the 'law of prescription' or of 'continuity of use for a lengthened period,' and it is to be hoped that the results of his investigations will be accepted by all engaged in the study of this order, and that this list, which embodies those results, may be regarded as authoritative in the cases affected thereby.

I have not attempted to give references to merely faunistic catalogues, but the first table given below indicates the principal local lists in which the family of the *Capsidæ* is noticed. References to Walker's Catalogue of the Hemiptera-Heteroptera are also given. It is, however, to be carefully understood that these references do not imply the acceptance of Walker's synonymical notes, which are, as a rule, so untrustworthy that, perhaps, it would have been better to have omitted them.

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- „ Fregatten *Eugenies Resa*, Zool. iv, Hem., 1859, p. 254.
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id., Hem. Gymn. Eur., iii, p. 564.

Genus **TERATODELLA.**

- Reuter, Bih. Vet. Aka. Handl., iii (i), 1875, p. 7 ; *id.*, Zool. Jahr., 1879,
 p. 508.
anthocoroides, Reuter, *l. c. supra*, 1875, p. 8.
 Hab. France, ? Senegal.

Genus **CAMELOCAPSUS.**

- Reuter, Bull. Soc. Ent. Fr., (5 s.), viii, 1878, p. cv.
oxycarenoides, Reuter, *l. c.*, p. cv.
 Hab. Greece, Ætolia.

- Div. II. **MYRMECORABIA**, Reuter, Hem. Gymn. Eur., iii, 1883, p. 564.

Genus **PITHANUS.**

- Fieber, Crit., 1859, 16, t. 6, f. 13 ; Eur. Hem., p. 61, 239 : Dougl. & Scott,
 Brit. Hem., p. 280 : Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 25 ; *id.*,
 Rev. Caps., p. 119.
Maerkelli (*Capsus*), Herr. Schöff., Wanz. Ins., iv, 1839, p. 78, t. 132, f. 406 (*form.*
macr.) : Kirschb., Rhyn. Wiesb., p. 204. sp. 28 : Flor, Rhyn. Liv., i, p. 513 : Fieber
 (*Pithanus*), Eur. Hem., p. 239 : Walk., Cat. Het., vi, p. 88 : Dougl. & Scott.
 Brit. Hem., p. 281, t. 10, f. 3 : Saund., Syn., p. 278 : Reuter, Rev. Caps., p. 119.
flavolimbatus, Bohem., Vet.-Aka. Handl., 1849, p. 252 (*form. macr.*).
vittatus, Dahlb., *l. c.*, 1850, p. 205.
 Hab. Europe, especially N. Europe [*Atk.*, Lille].
Marshalli, Dougl. & Scott, Ent. Mon. Mag., v, 1868, p. 114 : Walk. Cat. Het., vi,
 p. 88.
 Hab. Syria, Algeria.

Genus **MYRMECORIS.**

Gorski, Anal. ad Ent. Prov. S.-W. Ross., i, 1852, p. 167: Fieb., Eur. Hem., p. 61, 238: Flor. Rhyn. Liv., i, p. 635: Walk. Cat. Het., vi, p. 160: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 25; *id.*, Rev. Caps., p. 117.

♂ **bimaculatus**, Motsch., Bull. Mosc., xxxii (2), 1859, p. 502.

Hab. Siberia, Amuria.

gracilis (*Globiceps*), F. Sahlb., Mon. Geoc. Fenn., 1848, p. 123: Boheman, Nya Svenska Hem., p. 70: Gorski (*Myrmecoris*), Anal., i, p. 168: Stein, Berlin. Monats., xiv, p. 424, t. 3, t. 8: Kirschbaum, Rhyn. Wiesb., p. 201, sp. 23, p. 268: Flor, Rhyn. Liv., i, p. 636: Fieber, Eur. Hem., p. 239, pt.: Walk., Cat. Het. vi, p. 160: Reuter, Abo. Hem., p. 71; *id.*, Rev. Caps., p. 118.

lithuanicus, Gorski, Anal. *l. c. supra*, p. 167, t. 2, f. 1.

var. *rufusculus*, Reuter, 1879: Puton, Cat., 1886, p. 45.

„ *fuscus*, Reuter, 1879: Puton, Cat., 1886, p. 45.

Hab. N. Europe, France.

rubricatus, Jakowleff, Bull. Mosc., lvi (4), 1882, p. 362.

Hab. Russia, Orenburg.

Genus **SPHINCTOTHORAX.**

Stål, Ofvers. Vet.-Aka. Förh., 1853, p. 260; Hem. Afric., iii, 1865, p. 17: Walk., Cat. Het., vi, p. 165.

leucophaeus (*Cyllocoris*), Germar, Silbermann. Rev. Ent., v, 1837, p. 135: Stål, Ofvers. Vet.-Aka., Förh., 1855, p. 36; Hem. Afric., iii, p. 17: Walk. *l. c. supra*, p. 165.

Hab. Caffraria.

Genus **HERDONIUS.**

Stål, Rio Jan. Hem., i, 1858, p. 55.

armatus, Stål, *l. c.* p. 56: Walk., Cat. Het., vi, p. 166.

Hab. Rio Janeiro.

Genus **CAMPONOTIDEA.**

Reuter, Ofvers Finska Soc. Förh., xxi, 1879, p. 176; *id.*, Zool. Jahr., 1879, p. 509.

Saundersi (*Myrmecoris*), Puton, Pet. Nouv. Ent., i No. 113, 1874, p. 452: Waterh. Aid Ident., Ins., t. 25: Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 181.

var. *Fieberi*, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 176; Berlin. Ent. Zeits., *l. c. supra*.

Hab. Greece, Smyrna.

Genus **GRYLLOCORIS.**

Bärenspung, Berlin. Ent. Zeits., 1859, p. 334: Fieber, Eur. Hem. p. 66, 263:

Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 25.

Aphanosoma, Costa, teste Puton, Cat., 1886, p. 45.

angusticollis, Bärensp., *l. c. supra*, p. 335, t. 6, f. 8: Fieber, Eur. Hem., p. 263: Walk., Cat. Het., vi, p. 77.

italicus, Costa, Cim. Regn. Neap. Cent., 1852.

Hab. Greece.

Genus LAURINIA.

Ferrari and Reuter, Ann. Mus. Civ. Gen. (2 s.), i, 1884, p. 481.

fugax, Ferrari and Reuter, *l. c.*, p. 482.

Hab. Tunis.

Div. iii, *MIRARIA*, Reuter, Hem. Gymn. Eur., iii, 1883, p. 565: Distant, Biol. Centr. Amer. Rhyn., 1883, p. 235: Uhler, list, p. 17 pt.

Genus ACETROPIS.

Fieber, pt., Crit. Phyt., 1859, 11, t. 6, f. 2; *id.*, Eur. Hem., p. 62, 244: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 8: Walker, Cat. Het., vi, p. 50.

carinata (*Lopus*), Herr. Schöff., Wanz. Ins., vi, 1842, p. 49, t. 197, f. 609: Kirschb., Rhyn. Wiesb., p. 194, sp. 8: Fieber, Eur. Hem., p. 244: Walker, Cat. Het., vi, p. 50.

marginata, Schummel, *teste* Fieber, Puton, Cat., 1886, p. 45.

Hab. Dantzig.

Gimmerthali, Flor., Rhyn. Liv., i, 1860, p. 428: Saund., Syn., p. 258.

seticulosa, Fieber, Eur. Hem., 1861, p. 244: Dougl. & Scott, Brit. Hem., p. 291, t. 10, f. 5: Walk., Cat. Het., vi, p. 50.

Hab. Nearly all Europe.

longirostris, Puton, Pet. Nouv. Ent., i, 1875, p. 511.

Hab. S. Russia, Sarepta.

Genus COLLARIA.

Provancher, Can. Nat., iv, 1872, p. 79; Uhler, List., p. 17.

Nabidea, Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 397; Reuter, Zool. Jahr., Arthr., 1879, p. 507.

explicata, Uhler, Ent. Am., ii, 1886, p. 230.

Hab. W. Indies.

infusata (*Nabidea*), Uhler, List, 1886, p. 20.

Hab. United States.

Melleuri, Provancher, Can. Nat., iv, 1872, p. 79: Uhler, Ent. Am., ii, 1886, p. 230.

coracina (*Nabidea*), Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 398; List, p. 20.

Hab. United States.

Genus MIRIS.

Fabricius, pt., Ent. Syst., iv, 1794, p. 183: Fieber, Eur. Hem., p. 62, 239: Dougl.

- & Scott, Brit. Hem., p. 232 : Walker, Cat. Het., vi, p. 48 : Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 8 ; *id.*, Rev. Caps. p. 17 : Distant, Biol. Centr. Amer., Rhyn., 1893, p. 236 : Uhler, List, p. 17.
- Subg. *Brachytropis*, Fieber, Crit. Phyt., 1859, 6, t. 6, f. 18 ; *id.*, Eur. Hem., p. 62, 241.
- Subg. { *Miris* (Fieber), Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 8.
Lobostethus, Fieber, Crit. Phyt., 1859, 8, t. 6, f. 19 ; *id.*, Eur. Hem. p. 62, 242.
- Stenodema*, Lap., Ess., 1832, p. 40 : Spinola, Ess., p. 186 : Reuter, Rev. Syn. Het., p. 238.
- affinis*, Reuter, Caps. Amer., 1875, p. 59 : Uhler, Wheeler, Rep. Geogr. Explor. Un. St., v, Zool., 1875, p. 836, t. 42, f. 9 ; List, p. 17 : Distant, Biol. Centr. Amer. Rhyn., p. 236.
- instabilis*, Uhler, Proc. Bost. Soc. N. H., 1871, p. 104 ; Bull. Un. St. Surv. ii, 1876, p. 316 ; iii, 1877, p. 413 ; Proc. Bost. Soc. N. H., 1878, p. 395 ; List, p. 17.
- Hab. United States, Wisconsin, Maryland, N. Jersey, Colorado, Mexico [*Atk.*, Canada].
- albopilosus*, Lethierry, Ann. Mus. Civ. Gen., (2 s.) vi, 1888, p. 464.
- Hab. Sumatra.
- australis* (*Brachytropis*), Wallengren, Ofvers. Vet.-Aka. Förh., xxxii (i), 1875, p. 135.
- Hab. Africa, Transvaal.
- Belangeri*, Provancher, Nat. Can., iv, 1872, p. 78 : Uhler, List, p. 17.
- Hab. Canada.
- calcaratus*, Fallen, Hem. Suec., 1829, p. 181 : Burm. Handb. Ent., ii (i), p. 265 : Herr. Schöff., Wanz. Ins., iii, p. 39 : Zett., Ins. Lapp., p. 280 : Meyer, Rhyn. Schw., p. 34 : Schill., Hem. Het. Siles., p. 52 : F. Sahlb., Geoc. Fenn., p. 86 : Kirschb., Rhyn. Wiesb., p. 193, sp. 4 : Flor, Rhyn. Liv., i, p. 421 : Fieber (*Brachytropis*), Eur. Hem., p. 241 : Dougl. & Scott, Brit. Hem., p. 236 : Walk., Cat. Het., vi, p. 48 : Saund., Syn., p. 258 : Reuter, Rev. Caps., p. 17 : Uhler, Bull. Un. St. Surv., ii, 1876, p. 316 ; iii, 1877, p. 413.
- dentatus*, Hahn, Wanz. Ins. i, 1831, p. 15, t. 2, f. 8.
- var. *griseascens*, Fieber, Eur. Hem., 1861, p. 241.
- „ *virescens*, Fieber, l. c., p. 241.
- Hab. All Europe, Turkistan, Canada, United States [*Atk.*, Riveira, Hungary].
- † *curticollis*, Costa, Cim. Regn. Neap. Cent, iii, 1852, p. 57.
- Hab. Italy.
- Dohrni*, Stål, Freg. Eug. Resa, Hem., 1859, p. 254 : Walk., Cat. Het., vi, p. 53 ; Berg, Hem. Arg., 1879, p. 118.
- Hab. Patagonia.
- dolabratus* (*Cimesa*), Linn., Syst. Nat. (ed. 10), 1758, p. 449 : Fabr. Ent. Syst. iv, p. 133 : Fallen, Mon. Cim., p. 107 : Zett. Faun. Lapp., p. 501 : Burm. Handb. Ent., ii (i), p. 267 : Hahn, Wanz. Ins., ii, p. 75, t. 53, f. 160 : Herr. Schöff., Wanz. Ins., iii, p. 45, t. 86, f. 261, 262 : Westw., Mod. Class. Ins., ii, p. 123 : Meyer, Rhyn. Schw., p. 38 : F. Sahlb., Geoc. Fenn., p. 82 : Kirschb.

- Rhyn. Wiesb., p. 196, sp. 11 : Flor, Rhyn. Liv., i, p. 437 : Fieb., Crit. Gen. Phyt. (*Leptopterna*), 14; *id.*, Eur. Hem., p. 245 : Dougl. & Scott (*Lopomorphus*), Brit. Hem., p. 297 : Walk., Cat. Het., vi, p. 51 : Saund., Syn., p. 261; Stål, Hem. Fabr., i, p. 90 : Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 397 : Reuter (*Leptopterna*), Rev. Caps., p. 31; (*Miris*), Rev. Syn. Het., p. 243.
abbreviatus, Wolff, Ic. Cim., iii, 1802, p. 116, t. 11, f. 110.
antenni-rectus, Goeze, Ent. Beytr., ii, 1778, p. 267.
 ♀ *deses*, Müller, Zool. Dan., 1767, p. 108.
 ♀ *frumentarius*, Poda, Ins. Graec., 1761, p. 60.
laevigatus, De Geer, Mém., iii, 1773, p. 292.
lateralis, Fabr., Gen. Ins., 1776, p. 300 : Wolff, Ic. Cim., iii, p. 115, t. 11, f. 109 : Latr.
porrectus, Geoffroy in Fourcr. Ent. Paris, 1785, p. 206.
reticornis, Gmelin, Syst. Nat., iv, 1788, p. 2185.
riparius, Scopoli, Ent. Carn., 1763, p. 135.
V-flavum, Goeze, Ent. Beytr., ii, 1778, p. 279.
 var. *auruntiacus*, Reuter, Rev. Caps., p. 32.
 „ *carinatus*, Dougl. & Scott, Brit. Hem., 1865, p. 294.
 Hab. All Europe : E. United States [*Atk.*, Lille, Hungary].
- dorsalis* (*Capsus*), Say, Compl. Writ., ii, 1859, p. 438 : Uhler, Proc. Bost. Soc. N. H., 1878, p. 396 ; List, p. 17 : Walk., Cat. Het., vi, p. 52.
 Hab. United States.
- fuscicornis*, Brullé, Canar. Ent., 1846, p. 82.
 Hab. Canary Islands.
- guatemalanus*, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 236.
 Hab. Guatemala, Quezaltenango, Volcano de Agua.
- holsatus* (*Cimez*), Fabr., Mant. Ins., 1787, p. 306 ; *id.* (*Miris*), Ent. Syst. iv, p. 184 ; Fallen, Mon. Cim., p. 111 : Zett., Faun. Lapp., p. 502 : Fallen, Hem. Suec. p. 132 : Herr. Schöff., Wanz. Ins., iii, p. 41, t. 85, f. 256 : Meyer, Rhyn. Schw. p. 36 : Kolenati, Mel. Ent., ii, p. 99 : F. Sahlb., Geoc. Fenn., p. 86 : Kirschb. Rhyn. Wiesb., p. 194, sp. 7 : Flor, Rhyn. Livl., i, p. 427 : Fieber, Eur. Hem., p. 241 : Dougl. & Scott, Brit. Hem., p. 283 : Walk., Cat. Het., vi, p. 48 : Saund., Syn., p. 259 ; Reuter, Rev. Caps., p. 20 ; *id.* (*Stenodema*), Rev. Syn. Het., p. 240.
holsaticus, Burm., Handb. Ent., ii (1), 1835, p. 265.
 Hab. All Europe [*Atk.*, N. France, Genoa].
- insuavis*, Stål, Rio Jan. Hem., i, 1858, p. 45 : Walk. Cat. Het., vi, p. 52 : Berg, Hem. Arg., 1879, p. 117 ; Add. Emend., 1884, p. 63.
 Hab. Brazil.
- laevigatus* (*Cimez*), Linn., Syst. Nat., (ed. 10), 1758, p. 449 : Fabr., Syst. Rhyng. p. 252 : Herr. Schöff., Wanz. Ins., iii, p. 43, t. 85, f. 259 : Meyer, Rhyn. Schw., p. 35 : Kolenati, Mel. Ent., ii, p. 98 : Costa, Cim. Regn. Neap. Cent., iii, p. 31 : Kirschb., Rhyn. Wiesb., p. 193, sp. 5 : Fieber, Crit. Phyt., 12 : Flor, Rhyn. Liv., i, p. 425 : Fieber, Eur. Hem., p. 240 : Dougl. & Scott, Brit. Hem., p. 284 : Walk., Cat. Het., vi, p. 48 : Saund., Syn., p. 259 : Reuter, Rev. Caps. p. 19 ; Rev. Syn. Het., p. 238.
 ? *albolineatus*, Goeze, Ent. Beytr., 1778, p. 280.

- frumentarius*, *B.*, Poda, *Ins. Gr.*, 1761, p. 60.
lateralis, Geoffroy in Fourc., *Ent. Par.*, 1785, p. 209.
pallidus, Harris, *Exp. Engl. Ins.*, 1781, p. 90, t. 26, f. 9.
palescens, Donovan, *Brit. Ins.*, iii, 1794, t. 101, f. 6, 7.
testaceus, Scopoli, *Ent. Carn.*, 1763, p. 135.
tetragrammus, Gmelin, *Syst. Nat.*, iv, 1788, p. 2194.
virens, Hahn, *Wanz. Ins.*, ii, 1834, p. 79, t. 54, f. 165.
 Hab. Nearly all Europe [*Atk.*, Lille, Vosges, Stazzano, Hungary].
- parvulus*, Brullé, *Canar. Ent.*, 1840, p. 82.
 Hab. Canary Islands.
- roseus*, Distant, *Biol. Centr. Amer. Rhyn.*, 1883, p. 236, t. 23, f. 20.
 Hab. Mexico, Oaxaca.
- sericeus*, Fieber, *Eur. Hem.*, 1861, p. 240: Walk., *Cat. Het.*, vi, p. 48.
 Hab. Germany, Switzerland, Italy.
- spurius*, Stål, *Freg. Eug. Resa, Hem.*, 1859, p. 254: Walk., *Cat. Het.*, vi, p. 52.
 Hab. Puna, Oceania.
- victinus*, Provancher, *Nat. Can.*, iv, 1872, p. 77: Uhler, *List*, p. 17.
 Hab. Canada.
- virens* (*Cimes*), Linn., *Syst. Nat.*, (ed. 12) 1767, p. 730: Fabr., *Syst. Rhyng.*, p. 254: Wolff, *Io. Cim.*, ii, p. 78, t. 8, f. 75: Lap., *Ess.*, 1832, p. 40: Herr. Schöff., *Wanz. Ins.*, iii, p. 42, t. 85, f. 257: Brullé, *Hist. Ins.*, p. 409, t. 35, f. 3: Meyer, *Rhyn. Schw.*, p. 35: Kolenati, *Mel. Ent.*, ii, p. 99: F. Sahlb., *Geoc. Fonn.*, p. 86: Costa, *Cim. Regn. Neap. Cent.* iii, p. 31: Kirschb., *Rhyn. Wiesb.*, p. 193, sp. 6: Flor, *Rhyn. Liv.*, i, p. 423: Fieber, *Eur. Hem.*, p. 243; Walk., *Cat. Het.*, vi, p. 49: Reuter, *Rev. Caps.*, p. 18; *Rev. Syn. Het.*, p. 237 (*Stenodema*).
laevigatus, Zett., *Faun. Ins. Lapp.*, 1828, p. 501: Hahn, *Wanz. Ins.*, ii, p. 76, t. 53, f. 161 (= *Var. testaceus*, Fallen, *teste* Reuter).
laevigatus, var. *virescens*, Fallen, *Hem. Suec.*, 1829, p. 131: Reuter, *Rev. Caps.*, p. 19: *virescens*, Fieber, *Eur. Hem.*, 1861, p. 242: Reuter, *Rev. Caps.* p. 19.
 Var. *ruficornis*, Hahn, *Wanz. Ins.*, ii, 1834, p. 135, t. 71, f. 220.
 „ *fulvus*, Fieber, *Weit. Beitrag Nat. Heilk.*, i, 1836, p. 101.
 „ *lateralis*, J. Sahlberg, *Vet.-Aka. Handl.*, xvi (4), 1878, p. 23.
 Hab. All Europe, Turkistan, E. Siberia [*Atk.*, Vosges].
- viridis*, Provancher, *Nat. Can.*, iv, 1872, p. 78: Uhler, *List*, p. 17.
 Hab. Canada.

Genus MEGALOCERAEA.

- Fieber, *Crit. Gen.*, 1859, 9: *Eur. Hem.* p. 62, 243: Reut., *Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 8; *id.*, *Rev. Caps.*, p. 21: Walk., *Cat. Het.* vi, p. 50.
 Subg. *Notostira*, Fieber, *Crit. Gen.*, 1859, 7; *Eur. Hem.*, p. 62, 241: Reut. *Bih.*, l. c., p. 9.
 „ *Megaloceraea*, Fieber, l. c. *supra*: Reut. *Bih.* l. c., p. 9.
 „ *Trigonotylus*, Fieber, *Crit. Gen.*, 1859, 10, t. 6, f. 20; *Eur. Hem.*, p. 62, 243: Reut., *Bih.*, l. c., p. 9.

brevipes, Jakowleff, Trudi Russki Ent., xi, 1880, p. 215.

Hab. Astrakhan.

costicollis (*Miris*), Berg, Hem. Arg., 1879, p. 118: *id.*, Add. Emend., 1884, p. 63.

Hab. Buenos Ayres.

debilis, Uhler, Hayden Surv. Mont., 1872, p. 408; Bull. Un. St. Surv., ii, 1876, p. 316.

Hab. Colorado, Montana, Wyoming.

erratica (*Cimex*), Linn., Syst. Nat., (*ed.* 10), 1753, p. 449: Fallen, Mon. Cim., p. 111; *id.*, Hem. Suec., p. 182: Hahn, Wanz. Ins., ii, p. 78, t. 54, f. 163, 164; *id.* iii, p. 40: F. Sahlb., Geoc. Fenn., p. 87: Costa, Cim. Regn. Neap. Cent. iii, p. 30: Kirschb., Rhyn. Wiesb., p. 192, sp. 1: Flor., Rhyn. Liv., i, p. 431: Fieber (*Notostira*), Crit. Phyt., 13; *id.*, Eur. Hem., p. 242: Dougl. & Scott, Brit. Hem., p. 287: Walk., Cat. Het., vi, p. 49: Saund. Syn., p. 259: Reuter, Rev. Caps. p. 21; *id.* (*Notostira*), Rev. Syn. Het., p. 240.

caucasica, Kolen., Mel. Ent., ii, 1845, p. 97, ♂.

elongatus, Geoffr. in Fourcr., Ent. Par., 1785, p. 208.

fuscofasciatus, Goeze, Ent. Beytr., ii, 1778, p. 267.

hortorum, Wolff, Io. Cim., 1804, p. 180, t. 16, f. 154; Spinola, Ess., 1837, p. 187.

pubicornis, Schrank, Verzeich. Ins. Bercht., 1785, p. 340.

quadrilineatus, Schrank, Faun. Boic. ii, 1801, p. 95.

tricotatus, Costa, Cim. Regn. Neap. Cent. iii, 1852, p. 58.

tritici, Curtis, Brit. Ent., xv, 1839, 701.

viridiusculus, Gmelin, Syst. Nat., iv, 1788, p. 2185.

♀ var. *ochraceus*, Fieber, Eur. Hem., p. 242.

Hab. All Europe, Turkistan [*Atk.*, Lille, Genoa, Hungary].

pulcher, Reuter, Caps. Americ., 1875, p. 59; Uhler, List, 17.

Hab. Texas.

recticornis (*Cimex*), Geoffroy in Fourcroy, Ent. Paris., 1785, p. 209: Reuter, Rev. Syn. Het., p. 241.

linearis, Fuessly, Verzeich. Schw. Ins., 1775, p. 26.

longicornis, Fallen, Mon. Cim., 1807, p. 108; *id.*, Hem. Suec., p. 129; Herr. Schöff., Wanz. Ins., iii, p. 43, t. 85, f. 258: Meyer, Rhyn. Schw., p. 37: Costa, Cim. Regn. Neap. Cent., iii, p. 32: Kirschb., Rhyn. Wiesb., p. 192, sp. 2: Flor., Rhyn. Liv., i, p. 434; Fieber, Crit. Phyt., 13; Eur. Hem., p. 243: Dougl. & Scott, Brit. Hem., p. 289: Walk., Cat. Het., vi, p. 50: Saund., Syn., p. 260: J. Sahlb., Notis. Skpts pro Fauna, Flora Fenn., 1871, p. 290, pt: Reuter, Rev. Caps., p. 22.

megatoma, Muls. & Rey, Ann. Soc. Linn. Lyon, 1852, p. 126.

♀ *virens*, pt, Rossi, Faun. Etrusc., 1790, p. 251.

Hab. All Europe [*Atk.*, Calais, Liguria].

Reuteriana, F. B. White, Ent. Mon. Mag., xv, 1878, p. 130.

Hab. New Zealand.

rubicunda, Uhler, Hayden Surv. Montana, 1872, p. 409; List, p. 17.

Hab. Colorado.

ruficornis, Geoffroy in Fourc., Ent. Paris, 1785, p. 209: Fallen, Mon. Cim., p. 112: Zett. Faun. Lapp., p. 502: Fallen, Hem. Suec., p. 133: Herr. Schöff., Wanz. Ins., iii, p. 40: Meyer, Rhyn. Schw., p. 37: F. Sahlb., Geoc. Fenn., p. 87: Costa, Cim. Regn. Neap. Cent., iii, p. 32: Kirschb., Rhyn. Wiesb., p. 192, sp. 3: Flor, Rhyn. Livl., i, p. 435: Fieb., Crit. Phyt. 14; *id.*, Eur. Hem., p. 243: Dougl. & Scott, Brit. Hem., p. 295: Walk., Cat. Het., vi, p. 50: Saund., Syn., p. 260: Uhler, Hayden Mont. Surv. 1872, p. 409; List, p. 17: Reuter, Rev. Caps., p. 23; *id.* (*Trigonotylus*), Rev. Syn. Het., p. 242.

? var. *psammascolor*, Reuter, Berlin, Ent. Zeits., xxix, 1885, p. 45.

„ *pulchellus*, Hahn, Wanz. Ins., ii, 1834, p. 119, t. 66, f. 200: Reuter, Berl. Ent. Zeits., xxix, 1885, p. 146.

Hab. All Europe: Turkistan: E. United States, Idaho, Colorado [Atk., Lille, Genoa, Hungary].

Genus **DOLICHOMIRIS.**

Reuter, Ofvers. Finaka Soc. Förh., xxv, 1884, p. 29.

linearis, Reuter, *l. c.*, p. 29.

Hab. Addah, W. Africa.

Genus **CREONTIADES.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 237.

rubrinervis (*Megacalium*), Stål, Stettin, Ent. Zeit., xxiii, 1862, p. 321, ♀: Walk. Cat. Het., vi, p. 99: Distant, Biol. Centr. Amer. Rhyn., Uhler, List p. 17, p. 237, t. 23, f. 12.

Hab. Mexico, Guatemala, San Geronimo, Capetillo.

Genus **MINYTUS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 237.

amplificatus, Distant, *l. c.*, p. 238, t. 24, f. 1.

Hab. Guatemala, Cerro Zunil.

argillaceus, Distant, *l. c.*, p. 238.

Hab. Panama, Volcano de Chiriqui.

Genus **TERATOCORIS.**

Fieber, Crit. Gen. Phyt., in Wien. Ent. Zeits., 1859, 13; *id.*, Eur. Hem., p. 63, 245: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 9; Rev. Caps. p. 23: Walker, Cat. Het., vi, p. 51.

antennatus (*Capsus*), Bohem., Nya Svenska Hem., in Ofvers. K. Vet.-Aka. Förh., 1852, p. 76: Fieb. Eur. Hem., p. 246: Walk., Cat. Het., vi, p. 51: Saund. Syn., p. 260: Reuter, Rev. Caps., p. 24; *id.*, Berlin Ent. Zeits., xxv, 1881, p. 173.

var. *dorsalis*, Dougl. & Scott, Ent. Mon. Mag., ii, 1866, p. 218-19; Ent. Ann., 1866, f. 4; Cat., p. 26: Fieber, Wien. Ent. Monats., viii, 1864, p. 325: Walk., Cat. Het., vi, p. 52: *teste*, Reuter, Ent. Mon. Mag., xiv, 1877, p. 32.

- var. notatus*, Bärensprung, Berlin Ent. Zeits., 1859, p. 336: t. 6, f. 9: Fieber, Eur. Hem., p. 246: Walk., Cat. Het., vi, p. 51.
Hab. Scandinavia, Britain, France, Austria, Russia.
- discolor*, Uhler, Ent. Am., iii, 1887, p. 68.
Hab. N. America.
- hyperboreus*, J. Sahlb., Not. Fauna Fl. Fenn., 1867, p. 225; *id.*, Vet.-Aka. Handl., xvi (4), 1878, p. 24: Reuter, Rev. Caps., p. 25.
Hab. Lapland.
- miraria*, Uhler, Ent. Am., iii, 1887, p. 67.
Hab. Labrador.
- paludum*, J. Sahlb., Notis. Skpts pro Fauna Fl. Fenn., xi, 1871, p. 291: Reuter, Rev. Caps., p. 29.
antennatus, Flor, Rhyn. Liv., i, 1860, p. 433, pt. (*nec Bohem.*).
Hab. Scandinavia, Germany, Russia.
- Saundersi*, Douglas & Scott, Ent. Mon. Mag., v, 1869, p. 260: Walk., Cat. Het., vi, p. 52: Saund., Syn., p. 261: J. Sahlb., Vet.-Aka. Handl., xvi (4), 1878, p. 24: Reuter, Caps. Syn., 1875, p. 4; *id.*, Rev. Caps., p. 27.
antennatus, Flor, Rhyn. Liv., 1860, p. 433, pt. (*nec Bohem.*).
Flori, J. Sahlberg, Notis. Skpts. Faun. Fl. Fenn., xi, 1871, p. 290.
longicornis, F. Sahlb., Mon. Geoc., 1848, p. 87: *excl. syn.* (*nec Fallen*).
Hab. Scandinavia, Russia, Britain.
- viridis*, Douglas & Scott., Ent. Mon. Mag., iv, 1867, p. 46, t. 1, f. 2: Walk., Cat. Het., vi, p. 51: Saund. Syn., p. 261: Reuter, Rev. Caps., p. 26.
hyperboreus, *var. d.*, J. Sahlb., Not. Fauna Fl. Fenn., 1867, p. 225 Reuter, Medd. Soc. Fenn., ix, 1883, p. 136.
Hab. Britain, Scandinavia, Russia.

Genus **CALLIMIRIS.**

- Reuter, Caps. Amer., 1875, p. 60: Uhler, List, p. 17.
- tarsalis*, Reuter, *l. c. supra*, p. 60: Uhler, List, p. 17.
Hab. United States, Texas, Wisconsin.
- Uhleri*, Reuter, *l. c.*, p. 60: Uhler, List, p. 17.
Hab. N. America.

Genus **ACTITOCORIS.**

- (*Actinocoris*) Reuter, Meddel. Soc. pro Fauna Fl. Fenn., ii, 1878, p. 194.
Actitocoris, Reuter, Abo Hem., 1880, p. 167.
- signatus*, Reuter, Meddel. Soc. pro Fauna Fl. Fenn., ii, 1878, p. 195: Abo Hem., p. 167.
Hab. S. Finland.

Genus **OPHTHALMOMIRIS.**

- (Reuter) Berg, Hem. Arg., Add. & Emend., 1884, p. 64.

Reuteri, Berg, *l. c. supra*, p. 63.

Hab. Argentine Republic, Uruguay.

Genus **LEPTOPTERNA.**

Fieber, Crit. Gen. 1859, g. 12, t. 6, f. 3 ; *id.*, Eur. Hem., p. 63, 244 : Reut. Rev. Caps., p. 29 : Walker, Cat. Het. vi, p. 51 : Uhler, List, p. 17.

Lopomorphus, Dougl. & Scott, Brit. Hem., 1865, p. 293.

amoena, Uhler, Hayden Mont. Surv., 1872, p. 409 ; Bull. Un. St. Surv., 1876, p. 316 ; List, p. 17.

Hab. Idaho, Dakota.

ferrugata (*Miris*), Fallen, Hem. Suec., 1829, p. 129 : Schill., Hem. Het. Siles., p. 52 : Herr. Schöff., Wanz. Ins., iii, p. 46, t. 86, f. 263 ♂ : Meyer, Rhyn. Schw., p. 39 : F. Sahlb., Geoc. Fenn., p. 89 : Kirschb. (*Lopus*), Rhyn. Wiesb., p. 196, sp. 12 : Flor., Rhyn. Liv., i, p. 439 : Dougl. & Scott (*Lopomorphus*), Brit. Hem., p. 295, t. 10, f. 6, ♂ : Saund., Syn., p. 262 : Reuter, Rev. Caps., p. 30.

discors (*Lopus*), Costa, Cim. Regn. Neap. Cent., iii, 1852, p. 57.

Hab. All Europe, Turkistan [*Atk.*, Lille].

pilosa, Reuter, Ofvers, Finska Soc. Förh., 1880, p. 13.

Hab. Spain.

Genus **TRACHELOMIRIS.**

Reuter, Caps. Amer., 1875, p. 61 : Uhler, List, p. 17 ; Distant, Biol. Cent. Amer., Rhyn., p. 238.

oculatus, Reuter, Caps. Amer., 1875, p. 61 : Uhler, List, p. 17.

Hab. Texas, New York.

oleosus, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 238, t. 24, f. 2.

Hab. Guatemala, Cerro Zunil, San Geronimo, Panama, Bugaba.

scenicus (*Miris*), Stål, Freg. Eug. Resa, Hem., 1859, p. 254 : Walk. Cat. Het., vi, p. 52 : Berg, Hem. Arg., 1879, p. 118 ; Add. Emend., 1884, p. 66.

Hab. S. Brazil.

Genus **PORPOMIRIS.**

Berg, Hem. Arg., Add. & Emend., 1884, p. 66.

picturatus, Berg, *l. c.*, p. 67.

Hab. Buenos Ayres.

Genus **XENETUS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 239 : Uhler, Ent. Am., 1887, p. 51.

ambiguus, Distant, *l. c.*, p. 239.

Hab. Panama, Volcano de Chiriqui.

bracteatus, Distant, *l. c.*, p. 240, t. 24, f. 4.

Hab. Guatemala, San Isidro, Zapote.

chryselectrus, Distant, *l. c.*, p. 240.

Hab. Guatemala, Pantaleon.

lanuginosus, Distant, *l. c.*, p. 239, t. 24, f. 8.

Hab. Guatemala, San Isidro, Zapote.

Genus **ZACYNTHUS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 240, 297.

Zacorus, Distant, *l. c.*, p. 240.

curvicornis, Distant, *l. c.*, p. 241.

Hab. Panama, Bugaba.

staphyliniformis, Distant, *l. c.*, p. 240, t. 24, f. 5.

Hab. Guatemala, Senahu.

Genus **ZOSIPPUS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 241.

inhonestus, Distant, *l. c.*, p. 241, t. 24, f. 6.

Hab. Panama, Tolé.

Genus **LYGDUS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 242.

simulans, Distant, *l. c.*, p. 242, t. 24, f. 16.

Hab. Panama, Volcano de Chiriqui.

Div. IV, **BRYOCOERARIA**, Reuter, Hem. Gymn. Eur., iii, 1883, p. 565: Distant, Biol. Centr. Amer. Rhyn., p. 283.

Genus **MONALOCORIS.**

Dahlbom, K. Vet.-Aka. Handl., 1850, p. 209: Fieb., Eur. Hem., p. 61, 237: Dougl. & Scott, Brit. Hem., p. 278: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 22; *id.*, Rev. Caps., p. 95: Walk. Cat. Het., vi, p. 159.

♀ *bipunctipennis*, Walker, Cat. Het., vi, 1873, p. 159.

Hab. Ceylon.

allicis (*Cimes*), Linn. Syst. Nat. (ed. 10), 1758, p. 443: Wolff (*Acanthia*), Ic. Cim., ii, 1801, p. 46, t. 11, f. 42; Fallen (*Lygaeus*), Mon. Cim., p. 92; *id.* (*Phytocoris*), Hem. Suec., p. 108: Hahn, Wanz. Ins., ii, 1834, p. 86, t. 56, f. 172: Kolenati (*Bryocoris*), Mel. Ent., ii, p. 129: F. Sahlb. (*Capsus*), Geoc. Fenn. p. 113: Dahlbom (*Monalocoris*), K. Vet.-Aka. Handl., 1850, p. 209: Meyer, Rhyn. Schw., p. 71: Kirschb., Rhyn. Wiesb., p. 280, sp. 76: Flor, Rhyn. Liv., i, p. 539: Fieber, Eur. Hem., p. 238: Dougl. & Scott, Brit. Hem., p. 279, t. 10, f. 2: Saund., Syn., p. 278: Walk., Cat. Het., vi, p. 159: Uhler, Bull. Un. St. Surv. ii, 1876, p. 315; *id.*, iii, 1877, p. 413; List, p. 19: Reuter, Caps. Amer., 1875, p. 76; *id.*, Rev. Caps., p. 95; Rev. Syn. Het., p. 284.

Hab. Nearly all Europe: United States, Nebraska, N. Jersey, Wisconsin.

Genus **PSILORHAMPHUS.**

Stål, *Ofvers. Vet.-Aka. Förh.*, 1870, p. 669.

albomaculatus, Stål, *l. c.*, p. 670, t. 7, f. 5: Walk., *Cat. Het.*, vi, p. 161.

Hab. Philippines.

conspersus, Stål, *l. c.*, p. 669: Walk., *l. c.*, *supra*, p. 161.

Hab. Philippines.

consputus, Stål, *l. c.*, p. 670: Walk., *l. c.*, *supra*, p. 161.

Hab. Philippines.

Genus **PYCNODERES.**

Guérin, Ramon de la Sagra's *Hist. Fisica Cuba*, vii, 1856, p. 168.

Sizeonotus, Reuter, *Caps. America.*, 1875, p. 77.

insignis, Reuter, *Caps. America.*, 1875, p. 78: Uhler, *List*, p. 19.

Hab. Texas, N. York, N. Jersey.

quadrimaculatus, Guérin, *l. c. supra*, p. 169, t. 13, f. 12: Uhler, *List*, p. 19.

Hab. Cuba.

Genus **BRYOCORIS.**

Fallen, *Hem. Suec.*, 1829, p. 105, pt.: Fieber, *Eur. Hem.*, p. 61, 238: Walker, *Cat.*

Het., vi, p. 160: Dougl. & Scott, *Brit. Hem.*, p. 276: Reuter, *Bih. Vet.-Aka.*

Handl., iii (i), 1875, p. 22; *id.*, *Rev. Caps.*, p. 96.

pteridis (*Capsus*), Fallen, *Mon. Cim.*, 1807, p. 105: Germar, *Faun. Ins. Eur.*, Fasc.

10, 1813, t. 13: Zett., *Ins. Lapp.*, p. 266: F. Sahlb., *Geoc. Fenn.*, p. 124: Kolenati,

Mel. Ent., ii, p. 129: Meyer, *Rhyn. Schw.*, p. 114: Flor, *Rhyn. Liv.*, i, p. 540:

Fieb., *Eur. Hem.*, p. 238: Dougl. & Scott, *Brit. Hem.* p. 177, t. 10, f. 1: Walk.,

Cat. Het., vi, p. 160: Saund., *Syn.*, p. 278: Reuter, *Rev. Caps.*, p. 96.

pulcher, F. Sahlb., *Mon. Geoc.*, 1848, p. 98 (*form. macr.*).

Hab. Nearly all Europe.

Genus **CYRTOCAPSUS.**

Reuter, *Caps. Americ.*, 1875, p. 78.

caliginus (*Capsus*), Stål, *Freg. Eng. Resa. Hem.*, 858, p. 258: Reuter, *Caps.*

Americ., 1875, p. 78: Uhler, *List*, 19: Walker, *Cat. Het.*, vi, p. 92.

Hab. California.

Genus **HETEROCORIS.**

Guérin, *Hist. Fis. Cuba*, vii, 1856, p. 168: Walker, *Cat. Het.*, vi, p. 101: Uhler, *List*, p. 19.

dilatatus, Guérin, *l. c. supra*, t. 13, f. 11: Uhler, *List*, p. 19: Walk., *Cat. Het.*, vi, p. 101.

Hab. Cuba.

jamaicensis, Walker, *Cat. Het.*, vi, 1873, p. 101.

Hab. Jamaica.

Genus **ECORITOTARSUS.**

- Stål**, Rio Janeiro Hem., i, 1858, p. 57 : *Distant*, Biol. Centr. Amer. Rhyn., p. 283 ;
Walker, Cat. Het., vi, p. 166.
- stratus**, *Distant*, Biol. Centr. Amer. Rhyn., 1888, p. 285, t. 26, f. 20.
Hab. Panama, Bugaba.
- crux-nigra**, Stål, Rio Jan. Hem., i, 1858, p. 58 : Walk., Cat. Het., vi, p. 168.
Hab. Rio Janeiro.
- dimidiatus**, Stål, *l. c.*, p. 57 : Walk. *l. c. supra*, p. 167.
Hab. Rio Janeiro.
- discoifer**, Stål, *l. c.*, p. 57 : Walk., *l. c. supra*, p. 167.
Hab. Rio Janeiro.
- discipennis**, Stål, *l. c.*, p. 58 : Walk., *l. c. supra*, p. 168.
Hab. Rio Janeiro.
- elegans**, Uhler, Ent. Am., iii, 1887, p. 149.
Hab. N. America.
- erythronotus**, Berg, Hem. Arg., Add. Emend., 1884, p. 81.
Hab. Uruguay.
- Fairmairei**, Stål, Rio Jan. Hem., i, 1858, p. 58 : Walk., Cat. Het., vi, p. 168.
Hab. Rio Janeiro.
- fulvicollis** (*Capsus*), Fabr. Syst. Rhyng., 1803, p. 244 : Stål, Hem. Fabr., i, p. 85 :
Walk., Cat. Het., vi, p. 168.
Hab. S. America.
- generosus**, Stål, Stettin. Ent. Zeit. xxiii, 1862, p. 323, ♂ : Walk., Cat. Het., vi,
p. 166 : *Dist.*, Biol. Centr. Amer. Rhyn., p. 284, t. 22, f. 24 : Uhler, List, p. 19.
euocosmus, Stål, *l. c. supra*, p. 323 : Walk., Cat. Het., vi, p. 166.
Hab. Mexico, Guatemala, Zapote, San Isidro.
- genetivus**, *Distant*, Biol. Centr. Am. Rhyn., 1883, p. 284, t. 22, f. 25.
Hab. Mexico.
- gibbus**, *Distant*, *l. c.* p. 285.
Hab. Guatemala, Senahu.
- Holmbergii**, Berg, Hem. Arg., Add. Emend., 1884, p. 83.
Hab. Buenos Ayres.
- hyalinus**, Stål, Rio Jan. Hem., i, 1858, p. 58 : Walk., Cat. Het., vi, p. 168.
Hab. Rio Janeiro.
- incurvus**, *Distant*, Biol. Centr. Amer. Rhyn., 1883, p. 285, t. 26, f. 19.
Hab. Guatemala, San Geronimo, Cerro Zunil.
- leucopus**, Stål, Rio Jan. Hem., i, 1858, p. 58 : Walk., Cat. Het., vi, p. 168.
Hab. Rio Janeiro.
- longulus**, Stål, *l. c.*, p. 58 : Walk., *l. c. supra*, p. 168.
Hab. Rio Janeiro.
- lutescens**, Stål, *l. c.*, p. 57 : Walk., *l. c. supra*, p. 167.
Hab. Rio Janeiro.

- mundulus**, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 323: Walk., Cat. Het., vi, p. 166:
Distant, Biol. Centr. Amer. Rhyn., p. 285, t. 28, f. 19.
Hab. Mexico.
- niger**, Stål, Rio Jan. Hem., i, 1858, p. 58: Walk., Cat. Het., vi, p. 168.
Hab. Rio Janeiro.
- nigripes**, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 284.
Hab. Mexico, Guatemala, Cubilguitz.
- nigrocruciatu**s, Stål, Rio Jan. Hem., i, 1858, p. 57: Walk., Cat. Het., vi, p. 167.
Hab. Rio Janeiro.
- nigroplagiatus**, Stål, *l. c.*, p. 57: Walk., Cat. Het., vi, p. 167.
Hab. Rio Janeiro.
- pallidirostris**, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 323: Walk., *l. c. supra*, p. 166:
Distant, Biol. Centr. Am. Rhyn., p. 285, t. 28, f. 14: Uhler, List, p. 19.
Hab. Mexico, Guatemala, San Geronimo, San Isidro.
- pallidipes**, Stål, Rio Jan. Hem., i, 1858, p. 57: Hem. Fabr. i, p. 85: Walk., *l. c. supra*, p. 167.
Hab. Rio Janeiro.
- platensis**, Berg, Hem. Arg. Add. Emend., 1884, p. 82.
Hab. Buenos Ayres.
- purpurissatus**, Berg, Hem. Arg., 1879, 131, 292.
Hab. Buenos Ayres.
- ruficeps**, Berg, *l. c.* p. 180, 189.
Hab.
- semiluteus**, Stål, Rio Jan. Hem., i, 1858, p. 57: Walk., Cat. Het., vi, p. 167.
Hab. Rio Janeiro.
- splendens**, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 284, t. 28, f. 1.
Hab. Panama, Bugaba.
- venustus**, Stål, Rio Jan. Hem., i, 1858, p. 58: Walk., Cat. Het., vi, p. 168.
Hab. Rio Janeiro.
- vestitus**, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 284, t. 28, f. 2.
Hab. Guatemala, Pantaleon.

Genus **PSEUDOBRYOCORIS.**

- Distant, Biol. Centr. Amer. Rhyn., 1883, p. 286.
- bicolor**, Distant, *l. c.*, p. 286, t. 28, f. 3.
Hab. Panama, Bugaba.

Genus **MONALOCORISCA.**

- Distant, Biol. Centr. Amer. Rhyn., 1884, p. 286.
- granulata**, Distant, *l. c.*, p. 286, t. 28, f. 4.
Hab. Guatemala, San Geronimo.

ravida, Distant, *l. c.*, p. 286, t. 28, f. 5.

Hab. Panama, Volcano de Chiriqui.

Genus **CARMELUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 287, 297.

Carnus, Distant, *l. c.*, p. 287.

formosus, Distant, *l. c.*, p. 287.

Hab. Panama, Volcano de Aittlan.

funebria, Distant, *l. c.*, p. 288.

Hab. Panama, Bugaba.

lunatus, Distant, *l. c.*, p. 287, t. 28, f. 6.

Hab. Panama, Volcano de Chiriqui.

parvus, Distant, *l. c.*, p. 287, t. 28, f. 7.

Hab. Guatemala, Las Mercedes.

Genus **PSEUDOCARNUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 288.

lineolatus, Distant, *l. c.*, p. 288, t. 28, f. 8.

Hab. Panama, Bugaba.

magnus, Distant, *l. c.*, p. 288, t. 28, f. 9.

Hab. Guatemala, Cerro Zunil.

Genus **PARACARNUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 289.

elongatus, Distant, *l. c.*, p. 289, t. 28, f. 25.

Hab. Panama, Bugaba.

Genus **NEOCARNUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 289.

vitreus, Distant, *l. c.*, p. 289, t. 29, f. 1.

Hab. Panama, Bugaba.

Genus **ANNOA.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 289, 297.

Ania, Distant, *l. c.*, p. 289.

bimaculata, Distant, *l. c.*, p. 290, t. 27, f. 25.

Hab. Guatemala, San Geronimo, Panama, Volcano de Chiriqui.

decoloris, Distant, *l. c.*, p. 290; *Mala id.*, t. 26, f. 23.

Hab. Panama, Volcano de Chiriqui.

Genus **FUNDANIUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 290.

albomaculatus, Distant, *l. c.*, p. 291, t. 28, f. 12.

Hab. Guatemala, Panajachel.

maculatus, Distant, *l. c.*, p. 291, t. 28, f. 10.

Hab. Guatemala, Cerro Zunil.

marginatus, Distant, *l. c.*, p. 291.

Hab. Guatemala, Cerro Zunil.

pallescens, Distant, *l. c.*, p. 291, t. 28, f. 11.

Hab. Guatemala, Quiche range.

rubricosus, Distant, *l. c.*, p. 291.

Hab. Guatemala, Cerro Zunil.

Genus **NEOFURIUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 292.

affinis, Distant, *l. c.*, p. 294.

Hab. Panama, Volcano de Chiriqui.

amethystus, Distant, *l. c.*, p. 293, t. 28, f. 15.

Hab. Panama, Bugaba.

argentatus, Distant, *l. c.*, p. 293.

Hab. Guatemala, San Geronimo, Panama, Volcano de Chiriqui.

auratus, Distant, *l. c.*, p. 292, t. 28, f. 14.

Hab. Guatemala, San Isidro.

decoratus, Distant, *l. c.*, p. 294, t. 28, f. 17.

Hab. Guatemala, San Geronimo.

denigratus, Distant, *l. c.*, p. 294.

Hab. Guatemala, San Isidro, Cerro Zunil.

hieroglyphicus, Distant, *l. c.*, p. 294, t. 28, f. 19.

Hab. Guatemala, Sinanja.

infumatus, Distant, *l. c.*, p. 294, t. 28, f. 18.

Hab. Guatemala, Pantaleon.

linearis, Distant, *l. c.*, p. 295, t. 28, f. 22.

Hab. Guatemala, San Geronimo, Marandilla.

ornandus, Distant, *l. c.*, p. 293.

Hab. Guatemala, La Tinta; Panama, Tolé.

pallidulus, Distant, *l. c.*, p. 295, t. 28, f. 20.

Hab. Guatemala, Panajachel.

pictus, Distant, *l. c.*, p. 293, t. 23, f. 24 (Var. *Furius pictus*).

Hab. Mexico; Guatemala, San Geronimo.

plagosus, Distant, *l. c.*, p. 295, t. 28, f. 21.

Hab. Panama, Volcano de Chiriqui.

scriptus, Distant, *l. c.*, p. 293, t. 28, f. 16.

Hab. Guatemala, Pantaleon.

variabilis, Distant, *l. c.*, p. 292.

Hab. Guatemala, San Geronimo, Cerro Zunil; Panama, Bugaba.

villosus, Distant, *l. c.*, p. 292, t. 23, f. 13.

Hab. Panama, Volcano de Chiriqui.

Genus **BIBACULUS.**

Distant, Biol. Centr. Amer., Rhyn., 1884, p. 295.

midestus, Distant, *l. c.*, p. 296, t. 23, f. 23, 24.

Hab. Guatemala, Senahu, Las Mercedes.

Genus **MALA.**

Distant, Biol. Centr. Amer., Rhyn., 1884, p. 296.

ornata, Distant, *l. c.*, p. 296, t. 26, f. 22.

Hab. Panama, Bugaba, Volcano de Chiriqui.

unicolor, Distant, *l. c.*, p. 296, t. 26, f. 21.

Hab. Guatemala, San Isidro.

Genus **NEOSILIA.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 296, 297.

Silia, Distant, *l. c.*, p. 296.

oineracea, Distant, *l. c.*, p. 297, t. 27, f. 22 (*Silia id.*)

Hab. Panama, Volcano de Chiriqui.

sororia, Distant, *l. c.*, p. 297, t. 29, f. 2.

Hab. Guatemala, Cerro Zunil.

viduata, Distant, *l. c.*, p. 297, t. 27, f. 21 (*Silia id.*).

Hab. Panama, Bugaba.

Genus **CHIUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 297.

maculatus, Distant, *l. c.*, p. 297, t. 27, f. 23.

Hab. Guatemala.

Genus **PARACHIUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 293.

luteolus, Distant, *l. c.*, p. 298, t. 27, f. 24.

Hab. Guatemala, Cerro Zunil.

Genus **FALCONIA.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 293.

caduca, Distant, *l. c.*, p. 298, t. 29, f. 4.

Hab. Guatemala, Cerro Zunil.

poetica, Distant, *l. c.*, p. 298, t. 29, f. 8.

Hab. Guatemala, San Geronimo.

Genus **ANTIAS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 298.

aheneus, Distant, *l. c.*, p. 299, t. 29, f. 6.

Hab. Panama.

subaeratus, Distant, *l. c.*, p. 299, t. 29, f. 5.

Hab. Guatemala, San Geronimo.

Genus **FUSCUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 299.

crinitus, Distant, *l. c.*, p. 299, t. 29, f. 7.

Hab. Guatemala, Cerro Zunil.

Genus **NEOLUCON.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 299.

horribilis, Distant, *l. c.*, p. 300, t. 26, f. 24.

Hab. Panama, Bugaba.

Genus **SPARTACUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 300.

albatus, Distant, *l. c.*, p. 300, t. 26, f. 25.

Hab. Guatemala, Cerro Zunil.

Genus **TRYGO.**

Distant, Biol. Centr. Amer., Rhyn., 1884, p. 300.

imitationis, Distant, *l. c.*, p. 300, t. 29, f. 8.

Hab. Panama, Bugaba.

Genus **JORNANDES.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 301.

Championi, Distant, *l. c.*, p. 301, t. 29, f. 9.

Hab. Guatemala, Las Mercedes.

Genus **FLORUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 301.

insolitus, Distant, *l. c.*, p. 301, t. 29, f. 10.

Hab. Panama.

Genus **PIRITHOUS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 302.

pallipes, Distant, *l. c.*, p. 302, t. 29, f. 11.

Hab. Guatemala, San Geronimo.

Genus **DAOTA.**

Uhler, Hayden Surv. Mont., 1872, p. 413.

hesperia, Uhler, *l. c.*, p. 414; Bull. Un. St. Surv., ii, 1876, p. 818.

Hab. Colorado, Dakota.

Genera of Doubtful Position.

Genus **DEMARATA.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 303.

villosa, Distant, *l. c.*, p. 303, t. 29, f. 14.

Hab. Guatemala.

Genus **AMBRACIUS.**

Stål, Rio Jan. Hem., i, 1858, p. 59.

Dufouri, Stål, *l. c.*, p. 59; Walk., Cat. Het., vi, p. 168.

Hab. Rio Janeiro.

phaleratus, Stål, *l. c.*, p. 59; Walk., *l. c. supra*, p. 169.

Hab. Rio Janeiro.

Genus **OLIGOBIELLA.**

Reuter, Ent. Mon. Mag., xxi, 1885, p. 201.

fuliginea (*Myrmedobia*), F. B. White, Proc. Zool. S. Lond., 1878, p. 466; Reuter, *l. c. supra*, p. 202.

Hab. St. Helena.

Div. V, **VALDASARIA**, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 242.

Genus **PIASUS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 242; Uhler, List, p. 17.

illuminatus, Distant, *l. c.*, p. 242, t. 24, f. 17; Uhler, List, p. 17.

Hab. Mexico; Panama, Volcano de Chiriqui.

Genus **VALDASUS.**

Stål, Rio Jan. Hem., i, 1858, p. 56; Walk. Cat. Het., vi, p. 47; Distant, Biol. Centr. Amer., p. 243.

cerbereus, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 244.

Hab. Panama, Bugaba.

erebeus, Distant, *l. c.*, p. 244.

Hab. Panama, Bugaba.

famularis, Stal, Stettin. Ent. Zeit., xiii, 1862, p. 321, ♀: Walk., Cat. Het., vi, p. 166: Distant, *l. c. supra*, p. 243, t. 24, f. 7: Uhler, List, p. 17.

Hab. Mexico.

funebria, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 244, t. 24, f. 8.

Hab. Panama, Bugaba.

marginicollis, Distant, *l. c.*, p. 243.

Hab. Panama, Volcano de Chiriqui, Bugaba.

rugosus, Distant, *l. c.*, p. 245, t. 24, f. 10.

Hab. Guatemala, Senaha.

Schonherri, Stål, Rio Jan. Hem., i, 1858, p. 56: Walk., Cat. Het., vi, p. 166.

Hab. Rio Janeiro.

stellatus, Distant, Biol. Cent. Amer. Rhyn., 1883, p. 243.

Hab. Guatemala, San Juan in Vera Paz, Cubilguitz.

stygius, Distant, *l. c.*, p. 245, t. 24, f. 9.

Hab. Panama, Bugaba.

Genus **VANNIUS**.

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 245.

rubrovittatus, Distant, *l. c.*, p. 246, t. 24, f. 11.

Hab. Guatemala, Las Mercedes, Cerro Zunil; Panama, Volcano de Chiriqui.

Genus **EUCEROORIS**.

Westwood, Trans. Ent. S. Lond., ii, 1835, p. 21, t. 2, f. 7.

basifer, Walker, Cat. Het., vi, 1873, p. 164.

Hab. Australia.

braconoides, Walker, *l. c.*, p. 164.

Hab. Australia.

guttulatus, Uhler, Ent. Am., iii, 1887, p. 150; List, p. 20.

Hab. N. America.

nigriceps, Westwood, Trans. Ent. S. Lond., ii, 1835, p. 22, t. 2, f. 7: Walk., Cat. Het., vi, p. 163: Uhler, List, p. 20.

Hab. ? Brazil.

Westwoodii, White, Trans. Ent. S. Lond., iii, 1838, p. 94: Walk., Cat. Het., vi, p. 163.

Hab. Sierra Leone.

Genus **MONALONION**.

Herr: Schöff., Wanz. Ins., ix, 1853, p. 168: Sign., Ann. Soc. Ent. Fr. (3 s.), vi, 1853, p. 500: Walker, Cat. Het., vi, p. 47, 161; Distant, Biol. Centr. Amer. Rhyn., p. 246.

- annulipes*, Signoret, Ann. Soc. Ent. Fr. (3 s.), vi, 1858, p. 50: Walk., Cat. Het., vi, p. 162: Dist., *l. c. supra*, p. 246, t. 23, f. 25, Var.: Uhler, List, p. 17.
Hab. Mexico; Guatemala, San Geronimo; Panama, Bugaba.
- atratum*, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 247, t. 24, f. 14.
Hab. Panama, Bugaba.
- braconoides*, Walker, Cat. Het., vi, 1873, p. 162.
Hab. Amazons.
- dissimulatum*, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 247, t. 24, f. 15.
Hab. Guatemala, San Isidro.
- hilaratum*, Distant, *l. c.*, p. 247, t. 24, f. 13.
Hab. Guatemala, San Geronimo.
- ichneumonoides*, Walker, Cat. Het., vi, 1873, p. 162.
Hab. Amazons.
- parviventre*, Herr. Schöff., Wanz., Ins., ix, 1858, p. 168, t. 312, f. 958: Walk., Cat. Het., vi, p. 161.
Hab. Brazil.
- Schafferi*, Stål, Rio Jan. Hem., i, 1858, p. 56: Walk., *l. c. supra*, p. 161.
Hab. Rio Janeiro.
- versicolor*, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 247, t. 24, f. 12.
Hab. Guatemala, Las Mercedes.

Genus **SINERVUS.**

- Stål, Rio Jan. Hem., i, 1858, p. 56.
- Barensprungi*, Stål, *l. c.*, p. 56: Walk., Cat. Het., vi, p. 168.
Hab. Rio Janeiro.

Genus **DISPHINCTUS.**

- Stål, Ofvers. K. V.-A., Förh., 1870, p. 668: Walk., Cat. Het., vi, p. 161.
- divisus* (*Monalonion*), Walker, Cat. Het., vi, 1873, p. 163.
Hab. Ternate.
- Fallenii*, Stål, Ofvers., K. V.-A., Förh., 1870, p. 668, t. 7, f. 6: Walk., Cat. Het., vi, p. 161.
Hab. Philippines.
- Haglundii*, Stål, *l. c.*, p. 668: Walk., *l. c. supra*, p. 161.
Hab. Philippines.
- humeralis* (*Monalonion*), Walker, Cat. Het., vi, 1873, p. 162.
Hab. Malacca, Sikkim (mihi).
- politus* (*Monalonion*), Walker, *l. c.*, p. 163.
Hab. Borneo, Sarawak.
- Reuteri*, Stål, Ofvers. K. V.-A., Förh., 1870, p. 668: Walk., Cat. Het., vi, p. 161.
Hab. Philippines.

Sahlbergii, Stål, *l. c.*, p. 668 : Walk., *l. c. supra*, p. 161.

Hab. Philippines.

Genus **PACHYPELTIS.**

Signoret, Ann : Soc. Ent. Fr. (3 s.), 1858, p. 501.

chinensis, Sign., *l. c.*, p. 501 : Walk., Cat. Het., vi, p. 164.

Hab. China.

Genus **HELOPELTIS.**

Signoret, Ann. Soc. Ent. Fr. (3 s.), 1858, p. 502 : Walk. Cat. Het., vi, p. 165.

Aspicelus, Costa, Ann. Mus. Zool. Nap., ii, 1865, p. 147.

Antonii, Signoret, *l. c.*, *supra*, p. 502, t. 12 (2), f. 2 : Walker, Cat. Het., vi, p. 165 :

Waterhouse, Trans. Ent. S. Lond., 1886, p. 458, t. 11, f. 4 : Trimen, Nature, xxx, p. 364.

Hab. Ceylon.

braconiformis, Walker, Cat. Het., vi, 1873, p. 165 : Waterhouse, Trans. Ent. S.

Lond., 1886, p. 459, t. 11, f. 5.

Dulichius? *clavifer*, Walker, Cat. Het., iv, 1871, p. 170.

Hab. Dorey.

Bradyi, Waterhouse, Trans. Ent. S. Lond., 1886, p. 458, t. 11, f. 1, 2.

Hab. Java.

collaris, Stål, Ofvers. Svenska V. A. Förh., 1870, p. 667 : Walk. Cat. Het., vi, p. 123

Hab. Philippines.

niger, Walker, Cat. Hem., vi, 1873, p. 165 : Waterh , *l. c. supra*, p. 459, t. 11, f. 6.

Hab. Waigiou.

pellucida, Stål, *l. c. supra*, p. 667 : Walk. Cat. Het., vi, p. 123 : Walk., Cat. Het., vi, p. 123.

Hab. Philippines.

podagricus, Costa, Ann. Mus. Zool. Nap., ii, 1865, p. 147, t. 2, f. 6 : Walker, Cat.

Het., vi, p. 165.

Hab. ?

Romundei, Waterhouse, Trans. Ent. S. Lond., 1888, p. 207.

Hab. Java.

theivora (Moore), Waterhouse *l. c.*, 1886, p. 457, t. 11, f. 3.

Hab. Assam.

Genus **ORASUS.**

Distant, Biol. Centr. Amer. Rbyn., 1883, p. 248.

robustus, Distant, *l. c.*, p. 248, t. 23, f. 13 : Uhler, List, p. 17.

Hab. Mexico.

Genus **SYSINAS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 243.

audens, Distant, *l. c.*, p. 249, t. 24, f. 25.

Hab. Panama, San Lorenzo.

centralis, Distant, *l. c.*, p. 249, t. 25, f. 7.

Hab. Guatemala, Cerro Zunil.

clarus, Distant, *l. c.*, p. 249.

Hab. Panama, Matachin.

floridulus, Distant, *l. c.*, p. 249, t. 24, f. 24.

Hab. Panama, Bugaba.

linearis, Distant, *l. c.*, p. 248, t. 23, f. 21 : Uhler, List, p. 17.

Hab. Mexico.

Genus **ZOPYRUS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 249.

luteofasciatus, Distant, *l. c.*, p. 250, t. 25, f. 9.

Hab. Costa Rica, Cache.

rubromaculatus, Distant, *l. c.*, p. 250, t. 25, f. 8.

Hab. Guatemala, Quiche range, Totonicapam.

Genus **ADMETUS.**

Distant, Biol. Centr. Amer., Rhyn., 1883, p. 250.

imbriatus, Distant, *l. c.*, p. 250, t. 25, f. 10.

Hab. Panama, Volcano de Chiriqui.

Genus **OFELLUS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 250.

praestans, Distant, *l. c.*, p. 251, t. 25, f. 11.

Hab. Guatemala, San Geronimo.

Div. VI, **CAPSARIA**, Reuter, Hem. Gymn. Eur., 1883, p. 566. Includes Div. *Miridaria*, *Loparia*, *Dioncaria*, *Phytocoraria* and *Capsaria*, Reuter *olim* (Bih. Svenska Handl. iii (i), 1875); also the genera *Pantilius*, Curtis (in *Miraria*, *olim*), *Odontoplatys*, Fieber, and *Epimecis*, Reuter.

Genus **PANTILIUS.**

Curtis, Ent. Mag., i, 1833, p. 197 : Spinola, Ess., p. 188 : Dougl. & Scott, Brit. Hem., p. 332 : Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 9 ; *id.*, Rev. Caps., p. 32.

Conometopus, Fieber, Crit. Gen., 1859, 20, t. 6, f. 1 : Eur. Hem., p. 64, 249.

- prasinus** (*Conometopus*), Fieber, Verh. Zool.-Bot., Ges. Wien, xx, 1870, p. 253 ♂ :
Walk., Cat. Het., vi, p. 55.
Hab. S. Russia, Sarepta.
- tunicatus** (*Cimeæ*), Fabr., Spec. Ins., ii, 1781, p. 396; Syst. Rhyng., p. 233 :
Fallen, Mon. Cim., p. 79; *id.*, Hem. Suec., p. 85 : Germar, Fann. Ins. Eur., v,
p. 23 : Curtis (*Pantilius*), Char. Gen. Spec., 1833, p. 197 : Spinola, Ess., p. 189 :
Meyer (*Lopus*), Rhyn., Schw., p. 40 : Kirschb. (*Lopus*), Rhyn., Wiesb., p. 197
sp. 13 : Flor, Rhyn. Lív., i, p. 441 : Fieber (*Conometopus*), Eur. Hem., p. 249 :
Dougl. & Scott, Brit. Hem., p. 333 : Walk., Cat. Het., vi, p. 54 : Saund., Syn.,
p. 262 : Reuter, Rev. Caps., p. 33; *id.*, Rev. Syn. Het., p. 245.
gothicus, Geoffr. in Fourcr., Ent. Par., 1785, p. 200 (*nec* Linn.).
Hab. Nearly all Europe. [*Atk.*, Yonne].

Genus **ALLORHINOCORIS.**

- Reuter**, Pet. Nouv. Ent., ii, no. 147, 1876, p. 33.
- flavus**, J. Sahlberg, Vet.-Aka. Handl., xvi (4), 1878, p. 24 : Reuter, *l. c. supra*, p. 33.
Hab. S. Russia, Sarepta; Siberia.

Genus **LOPUS.**

- Hahn**, Wanz. Ins., i, 1831, p. 143, t. 1, f. 4, B-E : Dougl. & Scott, Brit. Hem., p. 474 :
Reuter, Rev. Caps., p. 34.
Horistus, Fieber, Eur. Hem., 1861, p. 66, 268.
Lopus, Fieber, *l. c.*, p. 66, 266.
- australis**, Walker, Cat. Het., vi, 1873, p. 57.
Hab. Australia.
- bicolor**, Fieber, Wien Ent. Monats., viii, 1864, p. 328 : Walk., Cat. Het., vi, p. 56 :
Reut., Berlin. Ent. Zeits., xxix, 1885, p. 159.
sanguineus, Jakowleff, Bull. Mosc., lvi (4), 1882 p. 359.
Hab. Russia, Caucasus, Turkey.
- bimaculatus**, Jakowleff, Rev. Mens. d' Ent., 1884, p. 122.
Hab. Persia.
- cingulatus**, Fabr., Mant. Ins., 1787, p. 307; *id.*, Syst. Rhyng., p. 255 : Stål, Hem.
Fabr., i, p. 89 : Walk., Cat. Het., vi, p. 53 : Reuter, Rev. Syn. Het., p. 245.
albomarginatus, Hahn, Wanz. Ins., i, 1831, p. 140, t. 22, f. 72 : Fieb., Eur.
Hem., p. 267 : Costa, Cim. Reg. Neap. Cent., iii, 1852, 33.
albostrigatus (Klug), Burm., Handb., ii (i), 1835, p. 271 : Meyer, Rhyn.
Schw., p. 40 : Kirschb., Rhyn. Wiesb., p. 198, sp. 15.
? *leucogrammus*, Gmelin, Syst. Nat., iv, 1788, p. 2165.
marginellus, Schrank, Fauna Boica, 1801, p. 94.
Hab. France, Spain, Italy, Germany [*Atk.* N. France].
- fallax**, Signoret, Ann. Soc. Ent. Fr., (4 s.) iii, 1863, p. 570 : Walk., Cat. Het., vi,
p. 56.
Hab. Chili.

p. filicornis, Fabr., Syst. Rhyng., 1803, p. 245: Stål, Hem. Fabr., i, p. 59: Walk., Cat. Het., vi, p. 56.

Hab. S. America.

flavomarginatus (Cimez), Donovan, Brit. Ins., vii, 1798, p. 79, t. 245: Walk., Cat. Het., vi, p. 54: Reuter, Rev. Syn. Het., p. 248.

mat, Saunders, Syn. Hem., 1875, p. 263 (*nec* Rossi).

miles, Dougl. & Scott, Brit. Hem., 1865, p. 476.

rubricosus, Garbiglietti, Bull. Soc. Ent. Ital., 1869, p. 184: Walk. Cat. Het., vi, p. 75.

Hab. Britain, France [*Atk.*, Valenciennes].

gothicus (Cimez), Linn., Syst. Nat., (ed. 10), 1758, p. 447: Fabr., Ent. Syst., iv, p. 180; *id.*, Syst. Rhyng., p. 244: Wolff, Ic. Cim., i, 1800, p. 33, t. 4, f. 33: Fallen, Mon. Cim., p. 98; *id.*, Hem. Suec., p. 117: Hahn, Wanz. Ins., i, 1831, p. 12, t. 2, f. 5: Burm., Handb. Ent., ii (i), p. 271: Spinola (*Lopus*), Ess., p. 188: Costa (*Phytocoris*), Cim. Regn. Neap. Cent., i, 1838, p. 49: Meyer, Rhyn. Schw., p. 41: Kolenati (*Lopus*), Mel. Ent., ii, p. 100: Kirsobb. (*Lopus*), Rhyn. Wiesb., p. 197, sp. 14: Flor, Rhyn. Liv., i, p. 479: Fieber, Eur. Hem., p. 267: Dougl. & Scott, Brit. Hem., p. 475: Walk., Cat. Het., vi, p. 53: Sand., Syn., p. 263: Reuter, Rev. Caps., p. 34; Ent. Mon. Mag., xvi, p. 12; *id.*, Rev. Syn. Het., p. 246.

albomarginatus, Preyssler, Beob. Böhmerwald, 1793, p. 219.

Lynchnitidis, Schrank, Fauna Boica, 1801, p. 94.

sanguineoguttatus, Goese, Ent. Beytr., ii, 1787, p. 275.

var. *superciliosus* (Cimez), Linn., Syst. Nat. (ed. 12), 1767, p. 728: Walk.,

Cat. Het., vi, p. 53: Reuter, Rev. Syn. Het., p. 247.

„ *gothicus*, var. B., Fieber, Eur. Hem., 1861, p. 267.

„ *albomarginatus*, Fabr., Syst. Rhyng., 1803, p. 244.

„ *affinis*, Jakowleff, Bull. Mosc., li (3), 1876, p. 115.

Hab. All Europe [*Atk.*, N. France, Hungary].

Grasieri, Puton and Reut., Rev. d'Ent., vii, 1888, p. 201.

Hab. Amuria.

Hahni, Stål, Rio Jan. Hem., i, 1858, p. 45: Walk., Cat. Het., vi, p. 56.

Hab. Rio Janeiro.

infuscatus, Brullé, Exped. Morée, 1832, p. 77: Fieber, Eur. Hem., p. 269: Walk., Cat. Het., vi, p. 79: Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 174.

rubrostriatus, Fieber, Eur. Hem., 1861, p. 268 (*nec* Herr. Schäff.).

Hab. Greece, Turkey.

insignis, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 31.

Hab. Pyrenees.

lineolatus, Brullé, Exped. Morée, 1832, p. 76, t. 31, f. 6, 7: Fieb., Eur. Hem., p. 268: Walk., Cat. Het., vi, p. 54: Reut., Berlin. Ent. Zeits., xxv, 1881, p. 174.

consanguineus, Costa, Addit., 1860, p. 22-3, t. 3, f. 2.

rubrostriatus, Herr. Schäff., Wanz. Ins., iii, 1835, p. 45, t. 86, f. 260: Walk., Cat. Het., vi, p. 54.

Hab. S. France, Italy, Greece.

mat (Cimez), Rossi, Faun. Etrusc., ii, 1790, p. 250, t. 7, f. 6: Herr. Schäff., Nome-

ncl. Ent., i, 1835, p. 51 : Fieber, Eur. Hem., p. 267 : Walk., Cat. Het., vi, p. 53 : Renter, Rev. Syn. Het., p. 248.

erythromelas, Hahn, Wanz. Ins., iii, 1835, p. 6, t. 75, f. 231 : Costa, Cim. Regn. Neap. Cent., iii, p. 34.

rubricosus, Garbig., Bull. Soc. Ent. Ital., i, 1869, p. 184 : Walk., Cat. Het., vi, p. 75.

Hab. Italy, Dalmatia, Turkey.

oculatus, Dahlbom, Ins. Gothl. Vet. Aka. Handl., 1850, p. 155.

Hab. Scandinavia.

? *palliatius* (*Lygacus*), Fabr, Ent. Syst., iv, 1794, p. 181 ; Syst. Rhyng., p. 245 : Renter, Rev. Syn. Het., p. 248.

Hab. Morocco.

partilus (? *partitus*), Walker, Cat. Het., vi, 1873, p. 56.

Hab. New Guinea.

rufinanus, Stål, Rio Jan. Hem., i, 1853, p. 45 ; Walk., Cat. Het., vi, p. 56.

Hab. Rio Janeiro.

sordidus, Walker, Cat. Het., vi, 1873, p. 57.

Hab. Australia.

sulcaticornis, Stål, Rio Jan. Hem., i, 1853, p. 46 : Walk., Cat. Het., vi, p. 56.

Hab. Rio Janeiro.

sulcatus, Fieber, Eur. Hem., 1861, p. 268 : Walker, Cat. Het., vi, p. 54 : Saund., Syn., p. 263.

Hab. Britain, France, Spain [*Atk.*, Yonne].

vittiventris, Puton, Rev. d' Ent., ii, 1883, p. 14.

var. *Leveillei*, Puton, Rev. d' Ent., vi, 1887, p. 101.

Hab. Algiers.

Genus **HORVATHIA.**

(*Horvathia*) Renter, Berlin Ent. Zeit., xxv, 1881, p. 174 ; Zool. Jahr, Arthr., 1881, p. 274.

hieroglyphica (*Capsus*), Mulsant & Rey, Ann. Soc. Linn. Lyon. 1852, p. 126 ; Puton, Bull. Soc. Ent. Fr., (6 s.) i, 1881, p. cxlvii.

vittatus (*Lopus*), Horvath, Pet. Nouv. Ent., ii, No. 42, 1876, p. 15.

Hab. Pyrenees, S. Hungary.

Genus **DIONOUS.**

Fieber, Crit. Gen., 1859, 34, t. 6, f. 9, 30 ; Eur. Hem., p. 67, 268 : Rent. Bih. Vet.-Aka. Handl., iii (i), 1875, p. 10 : Walk., Cat. Het., vi, p. 42, 79.

orientatus (*Miris*), Brullé, Exp. Morée, 1832, p. 78, t. 31, f. 8 : (*Lopus*) Fieb. Eur. Hem., p. 268 : Walk., Cat. Het., vi, p. 54.

montivagus, Costa, Cim. Regn. Neap. Cent. Addit, 1860.

Hab. Greece, Italy [*Atk.*, Genoa].

- neglectus* (*Lygaeus*), Fabr., Ent. Syst. Supp., 1798, p. 542: *id.*, Syst. Rhynch. p. 241 : Latreille, Hist. Nat., xii, p. 230: Fieber (*Dioncus*), Eur. Hem., p. 269: Walker, Cat. Het., vi, p. 97: Reuter, Rev. Syn. Het., p. 248.
 var. *flavescens*, Ferrari, Hem. Agr. Ligust., 1874, p. 67.
 ,, *lateralis*, Ferrari, l. c., p. 67.
 Hab. Dalmatia, Turkey,

Genus **MIRIDIUS.**

- Fieber, Crit. Gen., 1859, g. 25: Eur. Hem., p. 65, 257: Walk., Cat. Het., vi, p. 52 : Dougl. & Scott, Brit. Hem., p. 299.
pallidus, Horvath, Rev. d' Ent., vi, 1887, p. 72.
 Hab. Illyria.
quadrivirgatus (*Capsus*), Costa, Cim. Regn. Neap. Cent., iii, 1852, p. 22, f. 3 : Dougl. & Scott, Brit. Hem., p. 300, t. 10, f. 5: Saund., Syn., p. 266.
Hedenborgi (*Miris*), Stål, Ofvers. Vet.-Aka. Förh., xii, 1855, p. 187.
virgatus, Fieber, Eur. Hem., 1861, p. 258: Walk., Cat. Het., vi, p. 52.
 Hab. Britain, France, Spain, Italy, Rhodes, Syria [*Att.*, S. France].

Genus **PALLAOCORIS.**

- Reuter, Caps. Amer., 1875, p. 62: Uhler, List, p. 17.
suavis, Reuter, l. c. *supra*, p. 62: Uhler, List, p. 17.
 Hab. Texas.

Genus **OLIVINEMA.**

- Reuter, Caps. Amer., 1875, p. 63: Uhler, List, p. 17.
villosa, Reuter, l. c. *supra*, p. 63: Uhler, List, p. 17.
 Hab. Texas.

Genus **RESTHENIA.**

- Spinola, Ess., 1840, p. 184: Am. & Serv., Hist. Nat. Ins. Hém., 1843, p. 280: Walk. Cat. Het., vi, p. 105: Distant, Biol. Centr. Amer. Rhyn., p. 251: Reuter, Caps. Amer., p. 64: Uhler, List, p. 17.
 subg. *Callichila* and *Resthenia*, Reuter, l. c.
alternus, Walker, Cat. Het., vi, 1873, p. 111.
 Hab. Rio Janeiro.
atrata, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 254.
 Hab. Guatemala, San Geronimo.
atripennis, Reuter, Caps. Amer., 1875, p. 65: Uhler, List, p. 17.
 Hab. Texas.
atroluteus, Walker, Cat. Het., vi, 1873, p. 109.
 Hab. Rio Janeiro.

- basalis**, Walker, *l. c.*, p. 108.
Hab. Rio Janeiro.
- bicolor**, Distant, *Biol. Centr. Amer. Rhyn.*, 1883, p. 256.
Hab. Guatemala, Zapote.
- bivittata**, Stål, *Rio Jan. Hem.*, i, 1858, p. 47: *Reut., Caps. Amer.*, p. 64: *Walk., Cat. Het.*, vi, p. 107.
Hab. Rio Janeiro.
- bivittis**, Stål, *Stettin. Ent. Zeit.*, xxiii, 1862, p. 318, ♀: *Walker, Cat. Het.*, vi, p. 98: *Distant, Biol. Centr. Amer. Rhyn.*, 1883, p. 256, t. 24, f. 21.
Hab. Mexico.
- bracteata**, Distant, *Biol. Centr. Amer. Rhyn.*, 1883, p. 254.
Hab. Panama, Bugaba.
- chiriquina**, Distant, *l. c.*, p. 253, t. 25, f. 3.
Hab. Panama, Volacano de Chiriqui.
- cinctipes**, Walker, *Cat. Het.*, vi, 1873, p. 109.
Hab. Rio Janeiro.
- cinnamomea**, Berg, *Hem. Arg.*, 1879, p. 125.
Hab. Argentine Republic, Misiones.
- circumcinota**, Say: Uhler, *List*, p. 17.
Hab. United States.
- circummaculata** (*Capsus*), Stål, *Ofvers. K. V.-Å., Förh.*, xi, 1854, p. 236; *Freg. Eug. Rees, Hem.* p. 257: *Sign., Ann. Soc. Ent. Fr.*, (4 s.) iii, 1863, p. 572: *Walk., Cat. Het.*, vi, p. 107: *Reut. Caps. Amer.*, p. 64: *Berg, Hem. Arg.*, 1879, p. 126.
Hab. Chili, Buenos Ayres, Brazil.
- concinna**, Stål, *Rio Jan. Hem.*, i, 1858, p. 47: *Walk., Cat. Het.*, vi, p. 107: *Reut., Caps. Amer.*, p. 64.
Hab. Rio Janeiro.
- confraterna**, Uhler, *Hayden Mont. Surv.*, 1872, p. 411; *Bull. Un. St. Surv.*, ii, 1876, p. 318; iii, 1877, p. 415; *Proc. Bost. Soc. N. H.*, xix, 1878, p. 399; *List*, p. 17: *Glover, Rep. Agric. Un. St. for 1875, 1876*, p. 125, f. 31.
Hab. Colorado, Wisc., Ill., Maryland, &c.
- correntina**, Berg, *Hem. Arg.*, 1879, p. 127.
Hab. Argentine Repub., Corrientes.
- costalis**, Stål, *Rio Jan. Hem.*, i, 1858, p. 47: *Walk., Cat. Het.*, vi, p. 107: *Reut., Caps. Amer.*, p. 64.
Hab. Rio Janeiro.
- crucifera**, Berg, *Hem. Arg.*, 1879, p. 124.
Hab. Buenos Ayres.
- divisa** (*Capsus*), Herr. Schöff., *Wanz. Ins.*, ix, 1853, p. 167, t. 313, f. 960: *Walk., Cat. Het.* vi, p. 91, 98: *Stål, Stettin. Ent. Zeit.*, xxiii, p. 317: *Distant, Biol. Centr. Amer. Rhyn.*, p. 258.
tetrastigma, Herr. Schöff., *Wanz. Ins.*, ix, 1853, p. 166, t. 313, f. 959: *Walk., Cat. Hem.*, vi, p. 97: see *Phytocoris scrupeus*, Say.
Hab. Mexico.

- crubescens*, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 254.
Hab. Panama, Bugaba, Volcano de Chiriqui.
- exornata*, Distant, l. c., p. 257, t. 22, f. 20.
Hab. Mexico.
- flavicoستا*, Berg, Hem. Arg., Add. Emend., 1884, p. 189.
Hab. Buenos Ayres.
- flavonigra*, Stål, Rio Jan. Hem., i, 1853, p. 46 : Walk., Cat. Het., vi, p. 107 : Reut., Caps. Amer., p. 64.
Hab. Rio Janeiro.
- Gayi* (*Capsus*), Spinola, Gay's Hist. Fis. Chili., vii, 1852, p., 184 : Sign., Ann. Soc. Ent. Fr., (4 s.) iii, 1863, p. 571.
? *melanochra*, Herr. Schäff., q. v.
Hab. Chili, Valdivia.
- grandis*, Blanchard ; Reuter, Caps. Amer., p. 64.
dimidio-rufa, Stål, Ofvers. Vet.-Aka., Förh., xii, 1855, p. 186 : Walker, Cat. Het., vi, p. 106.
Hab. Brazil.
- guatemalana*, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 255, t. 25, f. 5.
Hab. Guatemala, Acoituno.
- Hogbergi*, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 317, ♂ : Walker, Cat. Het., vi, p. 98 : Distant, Biol. Centr. Amer. Rhyn., p. 254, t. 24, f. 20.
Hab. Mexico.
- incertus*, Walker, Cat. Het., vi, 1873, p. 111.
Hab. Tejuca.
- insignis* (*Capsus*), Say, Hem. New Harm. Ind., 1831, 22, No. 12 : Uhler., Bull. Un. St. Surv., ii, 1876, p. 318 ; List, p. 17.
Hab. Colorado, Atlantic region Un. States.
- insitiva* (*Capsus*), Say, Hem. New Harm. Ind., 1831, 21, 8 : Uhler, Proc. Bost. Soc., xix, 1878, p. 399 ; List, p. 17.
xanthomelas, Walker, Cat. Het., 1873, p. 92.
Hab. S. United States.
- interpuncta*, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 257, t. 22, f. 15 : Uhler List, p. 18.
Hab. Mexico.
- latipennis*, Stål, Stettin, Ent. Zeit., xxiii, 1862, p. 318 : Walker, Cat. Het., vi, p. 98 : Distant, Biol. Centr. Amer. Rhyn., p. 258, t. 22, f. 6, 7.
Hab. Mexico.
- leprosus*, Walker, Cat. Het., vi, 1873, p. 111.
Hab. Santarem.
- luteiceps* (*Capsus*), Stål, Freg. Eng. Resa, 1859, p. 257 : Walk., Cat. Het., vi, p. 107 Reut., Caps. Amer., p. 64 : Berg, Hem. Arg., 1879, p. 126.
Hab. Buenos Ayres.

- luteigera*, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 317, ♂ : Walker, Cat. Het., vi, p. 98 : Distant, Biol. Centr. Amer. Rhyn., p. 252, t. 24, f. 19 : Uhler, List, p. 17.
Hab. Mexico.
- luteipes*, Stål, Rio Jan. Hem., i, 1858, p. 46 : Walk., Cat. Het., vi, p. 107 : Reut. Caps. Amer., p. 64.
Hab. Rio Janeiro.
- maculicollis*, Reuter, Caps. Amer. Rhyn., 1875, p. 65 : Uhler, List, p. 17.
Hab. Texas.
- marginanda*, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 258, t. 22, f. 16 : Uhler, List, p. 18.
Hab. Mexico, Oaxaca.
- melanoohra* (*Capsus*), Herr. Schöff., Wanz. Ins. viii, 1848, p. 17, t. 254, f. 793 : Walk., Cat. Het., vi, p. 97, 107 : Distant, Biol. Centr. Amer., Rhyn., p. 252, t. 22, f. 4.
? *Gayi*, Spinola, Gay's Hist. Fis. Chili, vii, 1852, p. 184, 1 : Sign., Ann. Soc. Ent. Fr., (4 s.) iii, 1863, p. 571.
picturatus, Blanchard, Gay's Chili, l. c., p. 143.
Hab. Mexico.
- mimica*, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 255.
Hab. Panama, Bugaba.
- montana*, Distant, l. c., p. 252, t. 25, f. 1.
Hab. Panama, Volcano de Chiriqui.
- montevicensis*, Berg, Hem. Arg., Add. Emend., 1884, p. 71.
Hab. Montevideo.
- montivaga*, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 256.
Hab. Panama, Volcano de Chiriqui.
- multifarior*, Berg, Hem. Arg., 1879, p. 292.
Hab. Buenos Ayres.
- nigricollis*, Reuter, Caps. Amer., 1875, p. 65 : Uhler, List, p. 17.
Hab. New Jersey.
- nigripennis*, Stål, Rio Jan. Hem., i, 1858, p. 46 : Walk., Cat. Het., vi, p. 106 : Reut., Caps. Amer., p. 64.
Hab. Rio Janeiro.
- nigritulus*, Walker, Cat. Het., vi, 1873, p. 112.
Hab. Charles Island.
- obscurans*, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 254, t. 25, f. 4.
Hab. Panama, Bugaba.
- obumbratus*, Walker, Cat. Het., vi, 1873, p. 111.
Hab. S. America, Petropolis.
- ornaticollis*, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 317, ♂ : Walk., Cat. Het., vi, p. 98 : Reut., Caps. Amer., p. 64 : Distant, Biol. Centr. Amer. Rhyn., p. 253, t. 22, f. 5 : Uhler, List, p. 17.
Hab. Mexico.

- pallida*, Berg, Hem Arg., 1879, p. 291, 375: (? *Phytocoris*), Add. Emend., 1884, p. 70: Exped. Rio Negro, p. 82, t. 2, f. 4.
Hab. Buenos Ayres.
- panamensis*, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 253, t. 25, f. 6.
Hab. Panama, Matachin.
- parva*, Distant, *l. c.*, p. 258, t. 22, f. 18.
Hab. Mexico.
- patruelis*, Stål, Rio Jan. Hem., i, 1858, p. 47: Walk., Cat. Het., vi, p. 107: Reut., Caps. Amer., p. 64.
Hab. Rio Janeiro.
- persignanda*, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 257, t. 22, f. 21: Uhler, List, p. 18.
Hab. Mexico.
- picicollis*, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 317, ♂: Walk., Cat. Het., vi, p. 98: Distant, Biol. Centr. Amer. Rhyn., p. 252, t. 22, f. 2: Uhler, List, p. 17.
Hab. Mexico.
- plagigera*, Stål, *l. c. supra*, p. 316 ♂: Walker, Cat. Het., vi, p. 98: Reut., Caps. Amer., p. 64: Distant, *l. c. supra*, p. 251, t. 24, f. 18: Uhler, List, p. 17.
Hab. Mexico; Honduras; Guatemala, Panama, Sinanaja.
- platensis*, Berg, Hem. Arg., 1879, p. 128.
Hab. Buenos Ayres.
- plena*, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 255.
Hab. Mexico.
- pullata* (*Phytocoris*) Burm., Handb. Ent., ii (i), 1835, p. 271: Dist. *l. c. supra*, p. 252.
candens, Distant, t. 22, f. 3.
Hab. Mexico, Oaxaca; Guatemala, Zapote.
- pyrrhomelaena*, Stål, Rio Jan. Hem., i, 1858, p. 46: Walk., Cat. Het., vi, p. 106; Reut., Caps. Amer., p. 64.
Zetterstedti, Stål, *l. c. supra*, p. 46: Walk., Cat. Het., vi, p. 106.
Hab. Rio Janeiro.
- pyrrhula* (*Phytocoris*), Burm., Handb. Ent., ii (i), 1835, p. 271: Hahn, Wanz Ins., iii, 1835, p. 67, t. 94, f. 281: Stål, Rio Jan. Hem., i, p. 46: Walker, Cat. Het., vi, p. 106, 221: Reuter, Caps. Amer., p. 64: Berg, Hem. Arg., Add. Emend., 1884, p. 188.
Hab. Brazil, Buenos Ayres.
- quadrinotatus*, Walker, Cat. Het., 1873, p. 113.
Hab. James Island (Galapagos).
- rubrovittata*, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 318: Reuter, Caps. Amer., p. 64: Walker, Cat. Het., vi, p. 92: Uhler, List, p. 17.
Hab. N. America, Texas.
- seminigra*, Stål, Rio Jan. Hem., i, 1858, p. 46: Walk., Cat. Het., vi, p. 106: Reut., Caps. Amer., p. 64.
Hab. Rio Janeiro.

- semivittata*, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 253, t. 25, f. 2.
Hab. Guatemala.
- spoliatus*, Walker, Cat. Het., vi, 1873, p. 112.
Hab. Galapagos.
- squalidus*, Walker, *l. c.*, p. 110.
Hab. Rio Janeiro.
- stigmosa*, Berg, Hem. Arg., 1879, p. 123.
Hab. Buenos Ayres.
- subannulata*, Stål, Rio Jan. Hem., i, 1858, p. 47: Walker, Cat. Het., vi, p. 107:
Reuter, Caps. Amer., p. 64.
Hab. Rio Janeiro.
- sudata*, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 256, t. 22, f. 17: Uhler, List,
p. 17.
Hab. Mexico.
- thoracica*, Distant, *l. c.*, 1883, p. 257, t. 22, f. 14: Uhler, List, p. 18.
Hab. Mexico.
- tibialis*, Walker, Cat. Het., vi, 1873, p. 109.
Hab. Rio Janeiro.
- univittata*, Berg, Hem., Arg., 1879, p. 291: Exped. Rio Negro., p. 83.
Hab. Buenos Ayres.
- uruguayensis*, Berg, *l. c.*, Add. Emend., 1884, p. 70.
Hab. Uruguay.
- vitticeps*, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 318, ♀: Walker, Cat. Het., vi, p. 98:
Distant, *l. c. supra*, p. 256, t. 24, f. 22.
Hab. Mexico.
- vittifrons*, Stål, *l. c.*, p. 318, ♂: Walker, Cat. Het., vi, p. 98: Distant, Biol. Centr.,
Amer. Rhyn., p. 257, t. 24, f. 23.
Hab. Mexico.
- xanthophilus*, Walker, Cat. Het., 1873, p. 110.
Hab. Rio Janeiro.

Genus **ONCEROMETOPUS.**

- Reuter, Caps. Amer., 1875, p. 65.
- nigriclavus*, Reuter, *l. c.*, p. 66: Uhler, List, p. 18.
Hab. Texas.
- ruber*, Reuter, *l. c.*, p. 66: Uhler, *l. c.*
Hab. Texas.

Genus **LOPIDEA.**

- Uhler, Hayden Mont. Surv., 1872, p. 411; Proc. Bost. Soc. N. H., 1878, p. 405; List,
p. 18: Reut., Caps. Amer., p. 66: Distant, Biol. Centr. Amer., p. 258.

bellula, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 259.

Hab. Guatemala, San Isidro.

P. confluens (*Capsus*), Say, Hem. New Harm., 1831, 22; Compl. Writ., i, 1859, p. 342; Reut., Caps. Amer., p. 66; Uhler, List, p. 18.

Hab. Texas.

media (*Capsus*), Say, Het. New. Harm. Ind., 1831, 22 No. 11; Compl. Writ., i, 1859, p. 341; Uhler, Hayden Mont. Surv., p. 411; Wheeler Rep. Geogr. Expl. Un. St. V, Zool., 1875, p. 838; Bull. Un. St. Surv., ii, 1876, p. 317; iii, 1877, p. 414; Proc. Bost. Soc. N. H. xix, 1878, p. 406; List, p. 18; Reut., Caps. Amer., p. 66.

var. *robinias*, Uhler, Proc. E. S. Phil., i, 1861, p. 24; Walk. Cat. Het., vi, p. 92.

Hab. New Jersey [*Atk.*, United States].

scitula (*Capsus*), Walker, Cat. Het., vi, 1873, p. 99; Distant, Biol. Centr. Amer. Rhyn., p. 258, t. 23, f. 23; Uhler, List, p. 18.

Hab. Mexico, Oaxaca, Presidio; Guatemala, San Geronimo.

Genus **HADRONEMA.**

Uhler, Hayden Mont. Surv., 1872, p. 412; Dist., Biol. Centr. Amer., p. 259.

militaris, Uhler, Hayden, Mont. Surv., 1872, p. 412; *id.*, Wheeler, Rep. Geogr. Explor., v, Zool., 1875, p. 838, t. 42, f. 12; Bull. Un. Surv., ii, 1876, p. 317; iii, 1877, p. 415; Distant, Biol. Centr. Amer. Rhyn., p. 259, t. 22, f. 23.

Hab. Colorado, Utah, California, Mexico.

Genus **LOMATOPLEURA.**

Reuter, Caps. Amer., 1875, p. 67.

Caesar, Reuter, l. c., p. 67.

Hab. Pennsylvania.

Genus **PHYTOCORIS.**

Fallen, Hem. Suec., 1829, p. 83, pt.: Herr. Schöff., Wanz. Ins., iii, 1835, p. 36; Fieb. Eur. Hem., p. 65, 258; Dougl. & Scott, Brit. Hem., p. 301; Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 10; *id.*, Rev. Caps., p. 35.

Abellei, Puton, Rev. d' Ent., iii, 1884, p. 85.

Hab. S. France, Spain.

adpersus, Spinola, Gay's Chili, vii, 1852, p. 194, 8; Sign., Ann. Soc. Ent. Fr., (4 s.) iii, 1863, p. 567; Walk., Cat. Het., vi, p. 61.

marmoratus, Blanchard, Gay's Hist. Fis. Chili, vii, 1852, p. 194, 17.

Hab. Chili.

albicans, Reuter, Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 29.

Hab. Greece.

albinervis (Fitch), Walker, Cat. Het., vi, 1873, p. 92 (*ined.*).

Hab. New York.

- albofasciatus**, Fieber, Eur. Hem., 1861, p. 259 (*nec* Brullé): Walk., Cat. Het., vi, p. 58: Reuter, Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 31.
Hab. Switzerland.
- albofasciatus**, Brullé, Expl. Scient. Alg., Zool., iii, 1849, Hem., p. 83, t. 3, f. 6.
Hab. Algeria.
- Bergi**, n. n.
pallidus, Berg, Hem. Arg., 1879, p. 291, 375; Add. Emend., 1884, p. 70 (*nec* Rambur).
Hab. Buenos Ayres.
- bonaerensis**, Berg, Hem. Arg., Add. Emend., 1884, p. 69.
Hab. Buenos Ayres.
- brachymerus**, Reuter, Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 18.
Hab. Algeria.
- breviusculus**, Reuter, Caps. Amer., 1875, p. 68: Uhler, List, p. 18.
Hab. Texas.
- Chardoni**, Puton, Rev. d' Ent., vi, 1887, p. 305.
Hab. Algeria, Bona.
- Chicotei**, Bolivar, Anal. Soc. Esp. N. H., x, 1881, p. 362.
Hab. Spain.
- citrinus**, Bolivar, *l. c.*, p. 364.
Hab. Spain.
- ♀ **coccineus**, Spinola, Gay's Hist. Fis. Chili, vii, 1852, p. 185, t. 2, f. 10: Signoret Ann. Soc. Ent. Fr., (4 s.) iii, 1863, p. 570: Walk., Cat. Het., vi p. 62.
Hab. Chili.
- ♀ **colon** (*Capsus*), Say: Uhler, List, p. 18.
Hab. United States.
- delicatulus**, Bolivar, Anal. Soc. Esp. N. H., x, 1881, p. 364.
Hab. Spain.
- dimidiatus**, Kirschbaum, Rhyn. Wiesb., 1855, p. 199, sp. 17; p. 282: Walk., Cat. Het., vi, p. 59: Reuter, Abo Hem., p. 167; *id.*, Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 16; Ent. Mon. Mag., xiv, 1877, p. 32; Rev. Syn. Het., p. 249.
dubius, Dougl. & Scott., Brit. Hem., 1865, p. 305: Walk., Cat. Het., vi, p. 60.
♀ *inquinatus*, Fabr., Mant., Ins., 1787, p. 304; Syst. Rhyng., p. 236.
populi, Saund., Syn. 1875, p. 264, pt.
♀ *umbratilis*, Linn., Syst. Nat. (*ed.* 10), 1758, p. 448.
Hab. Nearly all Europe.
- distinctus**, Douglas & Scott, Brit. Hem., 1865, p. 302; Walk., Cat. Het., vi, p. 60: Reuter, Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 14, t. 2, f. 1: Saund., Syn. p. 264.
Hab. Britain, Scandinavia.
- effectus**, Stål, Rio Jan. Hem., i, 1858, p. 48: Walk., Cat. Het., vi, p. 61.
Hab. Rio Janeiro.
- eximius**, Reuter, Caps. Amer., 1875, p. 67: Uhler, List, p. 18.
Hab. Texas.

- exoletus**, Costa, Cim. Regn. Neap. Cent., iii, 1852, p. 35, f. 5.
Hab. S. France, Italy.
- femoralis**, Fieber, Eur. Hem., 1861, p. 260: Walk., Cat. Het., vi, p. 58: Reuter, Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 20, t. 2, f. 3.
irroratus, Fieber, Crit. Phyt., 1859, sp. 3.
Hab. Corsica, Algeria.
- Fieberi**, Bolivar, Anal. Soc. Esp. Nat. Hist., x, 1881, p. 360.
Hab. Spain.
- flammula**, Reuter, Notis. Skpts pro Faun. Fl. Fenn., xiv, 1875, p. 332; Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 25.
Hab. Corsica.
- hirsutulus**, Flor, Rhyn. Liv., ii, 1861, p. 597: Reuter, Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 32, t. 2, f. 6.
Hab. Russia.
- incanus**, Fieber, Wien Ent. Monats., viii, 1864, p. 326: Walk., Cat. Het., vi, p. 59: Reuter, Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 28.
Hab. S. Russia, Turkistan.
- insignis**, Reuter, Pet. Nouv. Ent., ii, no. 147, 1876, p. 33; *id.*, Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 26.
Hab. Caucasus.
- intermedius**, Reuter, Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 14.
distinctus, Reuter, Rev. Caps., 1875, p. 37, (*nec* Dougl. & Scott).
Hab. Scandinavia.
- intricatus**, Flor, Rhyn. Liv., ii, 1861, p. 603: Reuter, Caps. Syn., p. 5 *excl. syn.*; Rev. Caps., p. 41; Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 18.
Hab. N. & Middle Europe.
- irroratus**, Blanchard, Gay's Hist. Fis. Chili, vii, 1852, p. 193, 14: Sign. Ann. Soc. Ent. Fr., (4 s.), iii, p. 567: Walk., Cat. Het., vi, p. 62.
Hab. Chili.
- Jakowleff**, Reuter, Pet. Nouv. Ent., ii, No. 147, 1876, p. 33; Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 24.
Hab. S. Russia, Saratov, Caucasus.
- juniperi**, Frey Gessner, MT. Schw. Ent. Ges., i, 1865, p. 302: Walk., Cat. Het., vi, p. 59: Reuter, Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 22, t. 2, f. 4.
Hab. France, Spain, Switzerland.
- longipennis** Flor, Rhyn. Liv., ii, 1861, p. 601: Reuter, Rev. Caps., p. 40; Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 16; Ent. Mon. Mag., xiv, 1877, p. 33: Thomson, Opusc. Ent. iv, 1874, p. 418: Saund., Syn. Brit. Hem., p. 264.
dimidiatus Fieber, Eur. Hem., 1861, p. 260 (*nec* Kirschb.): Dougl. & Scott, Brit. Hem., p. 307.
Hab. Scandinavia, Russia, Germany, Switzerland, France, Britain.
- marmoratus** (Fitch), Walker, Cat. Het., vi, 1873, p. 61: *ined.*?
Hab. New York.

- minor**, Kirschbaum, Rhyn. Wiesb., 1855, p. 200, sp. 22, p. 285: Walk., Cat. Het., vi, p. 59: Reuter, Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 33, t. 2, f. 8.
Hab. Germany.
- nesmia**, Brullé, Ann. Soc. Ent. Fr., (2 s.) iv, 1846, p. 144: Explor. Scient. Alg., Zool., iii, p. 83.
Hab. Algeria.
- † **miridioides**, Lethierry, Ann. Soc. Ent. Belg., xx, 1878, p. 38.
Hab. Spain.
- Nowickyi**, Fieber, Verh. Zool.-Bot. Ges. Wien, xx, 1870, p. 261: Walk., Cat. Het., vi, p. 60: Reuter, Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 23, t. 2, f. 5.
Hab. Galicia.
- obliquus**, Costa, Cim. Regn. Neap. Cent., iii, 1852, p. 35, f. 4: Reut., Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 21.
artemisiae, Ferrari, Ann. Mus. Civ. Gen., vi, 1874, p. 177.
Hab. S. France, Italy. [*Atk. Stazzano*].
- obscurus**, Reuter, Notis. Skpts pro Fann. Fl. Fenn., xiv, 1875, p. 331; Ann. Soc. Ent. Fr., (5 s.), vii, 1877, p. 20.
Hab. S. France.
- obscurellus**, Blanchard, Gay's Hist. Fis. Chili, vii, 1852, p. 192, 12: Sign., Ann. Soc. Ent. Fr., (4 s.), iii, 1863, p. 569: Walk., Cat. Het., vi, p. 61.
Hab. Chili.
- obsoletus**, Blanchard, *l. c. supra*, p. 194, 16: Sign., *l. c. supra*, p. 569: Walk., Cat. Het., vi, p. 61.
Hab. Chili.
- pallidicornis**, Reuter, Caps. Amer., 1875, p. 69: Uhler, List, p. 18.
Hab. Wisconsin.
- pallidulus**, Blanchard, Gay's Hist. Fis. Chili, vii, 1852, p. 193, 15: Sign., Ann. Soc. Ent. Fr., (4 s.), iii, p. 568: Walker., Cat. Het., vi, p. 61.
Hab. Chili.
- † **pallidus**, Rambur, Fann. Andal., 1842.
Hab. Spain.
- parvulus**, Reuter, Ofvers. Finska Soc. Förh., xxii, 1880, p. 14.
Hab. Greece.
- pilifer**, Reuter, *l. c.* p. 13.
Hab. Greece, Asia Minor.
- pini**, Kirschbaum, Rhynch. Wiesb., 1855, p. 200, sp. 21, p. 283: Fieb. Eur. Hem., p. 261: Dougl. & Scott, Ent. Mon. Mag., xi, p. 144: Walk., Cat. Het., vi, p. 59: Saund., Syn., p. 265: Reuter, Rev. Caps., p. 43; Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 19; Ent. Mon. Mag., xiv, 1877, p. 33.
crassipes, Flor, Rhynch., Liv., ii, 1861, p. 606: ? Dougl. & Scott, Brit. Hem., p. 309: Walk., Cat. Het., vi, p. 59: Reuter, Caps. Syn., p. 5.
† **minor**, Thomson, Opusc. Ent., iv, 1871, p. 418 (*nec* Kirschb.).
populi, Zetterstedt, Ins. Lapp., 1840, p. 273, excl. syn. (*nec* Linn.).
Hab. Scandinavia, Russia, Gormany, Switzerland, France, Britain.

- populi** (*Cimesæ*), Linn., *Syst. Nat.*, (ed. 10), 1768, p. 449: *Fabr. Syst. Ent.*, 1775, p. 727; *id.*, *Syst. Rhyng.*, p. 237: Fallen, *Mon. Cim.*, p. 79; *id.*, *Hem. Suec.*, p. 84: *Burm. (Phytocoris)*, *Handb. Ent.*, ii (i), p. 268: Westw., *Intr. Mod. Class. Ins.*, ii, *Syn.*, p. 122: F. Sahlb., *Geoc. Fenn.*, p. 90: Kirschb., *Rhyn. Wiesb.*, p. 198, sp. 16, p. 267: Flor, *Rhyn. Liv.*, i, p. 413, ii, p. 594, pt: Fieber, *Eur. Hem.*, p. 260: Walk., *Cat. Het.*, vi, p. 59: Saund. *Syn.*, p. 264: Reuter, *Ann. Soc. Ent. Fr.*, (5 s.) vii, 1877, p. 15; *id.*, *Rev. Caps.*, p. 36; *Rev. Syn. Het.*, p. 249.
 Hab. Scandinavia, Britain, Russia, France, Germany.
- puella**, Reuter, *Caps. Amer.*, 1875, p. 69: Uhler, *List*, p. 18.
 Hab. New York.
- punctipes** (Fitch), Walker, *Cat. Het.*, vii, 1873, p. 92, (*ined.*).
 Hab. New York.
- punctum**, Reuter, *Ann. Soc. Ent. Fr.* (5 s.), vii, 1877, p. 30.
 var. *Reuterianus*, Fairm., *Rev. d' Ent.*, v, 1886, p. 355, Morocco.
 Hab. Greece, Tunis.
- purgator**, Fabr., *Ent. Syst. Suppl.*, 1798, p. 537; *Syst. Rhyng.*, p. 200: Reut. *Rev. Syn. Het.*, p. 251.
 Hab.
- Reuterii**, Saunders, *Syn.*, in *Trans. Ent. S. Lond.*, 1875, p. 265; Reuter, *Ann. Soc. Ent. Fr.*, (5 s.) vii, 1877, p. 17.
 Hab. Britain.
- rubescens**, Blanchard, *Gay's Hist. Fis. Chil.*, vii, 1852, p. 191, 11: Sign., *Ann. Soc. Ent. Fr.*, (4 s.), iii, 1863, p. 568: Walk., *Cat. Het.*, vi, p. 61.
 Hab. Chili.
- rufulus**, Blanchard, *l. c. supra*, p. 192, 13: Sign., *l. c. supra*, p. 568: Walk., *Cat. Het.*, vi, p. 61.
 Hab. Chili.
- salsolæ**, Puton, *Pet. Nouv. Ent.*, i, no. 109, 1874, p. 436: Reuter, *Ann. Soc. Ent. Fr.*, (5 s.), vii, 1877, p. 27.
 Hab. France, Spain, Algiers, Tunis.
- scrupeus** (*Capsus*), Say, *Het. New Harm. Ind.*, 1831, 23, No. 13: Uhler, *Bull.*, *Un. St. Surv.*, ii, 1876, p. 317: Walker, *Cat. Het.*, vi, p. 97: Uhler, *List*, p. 18: *Distant, Biol. Centr. Amer.*, *Rhyn.*, p. 271.
eaternus, Herr. Schöff., *Wanz. Ins.*, viii, 1848, p. 16, t. 254, f. 791: Walk., *Cat. Het.*, vi, p. 91.
 ? *tetrastigma*, Herr. Schöff., *l. c. ix*, 1852, p. 166, t. 313, f. 959: *vide Dist. l. c. supra.*
 Hab. S. United States, Mexico.
- Signoretii**, Perris, *Ann. Soc. Linn. Lyon*, iv, 1857, p. 163: Fieber, *Eur. Hem.*, p. 258: Walk., *Cat. Het.*, vi, p. 58: Reuter, *Ann. Soc. Ent. Fr.*, (5 s.) vii, 1877, p. 31, t. 2, f. 7.
 ? *meridionalis*, Herr. Schöff., *Nomencl. Ent.*, 1835, p. 48.
 Hab. France, Spain, Italy, Greece, Germany.

- Stoliczkanus**, Distant, *Scienc. Res.* 2nd Yark. Miss, 1879, p. 10, f. 6; *Trans. Ent. S. Lond.*, 1879, p. 124.
 Hab. Murree.
- subvittatus**, Stål, *Rio Jan. Hem.*, i, 1858, p. 47: *Walk., Cat. Het.*, vi, p. 61.
 Hab. Rio Janeiro.
- tibialis**, Reuter, *Caps. Amer.*, 1875, p. 68; *Uhler, List*, p. 18.
 Hab. Texas.
- tillae** (*Cimes*), Fabr., *Gen. Ins.*, 1776, p. 301; *Syst. Rhyng.*, p. 237: *Fallen, Mon. Cim.*, p. 79; *id.*, *Hem. Suec.*, p. 85: *F. Sahlb., Geoc. Fenn.*, p. 98: *Kirschb., Rhyn. Wiesb.*, p. 199, sp. 18, p. 268: *Fieber, Eur. Hem.*, p. 260: *Dougl. & Scott, Brit. Hem.*, p. 303: *Walk., Cat. Het.*, vi, p. 59: *Saund., Syn.*, p. 265: *Reuter, Ann. Soc. Ent. Fr.*, (5 s.) vii, 1877, p. 16; *id.*, *Ent. Mon. Mag.*, xiv, 1877, p. 33; *Rev. Caps.*, p. 38; *Rev. Syn. Het.*, p. 250.
populi, Meyer, *Rhyn. Schw.*, 1843, t. 7, f. 1 (*nec* Linn.).
 var. *cretaceus*, Reuter, *Rev. Caps.*, 1875, p. 39.
 „ *signatus*, Reuter, *l. c.*, p. 39.
 „ *typicus*, Reuter, *l. c.*, p. 39.
 „ *marmoratus*, *Dougl. & Scott, Ent. Mon. Mag.*, 1869, p. 261: *Walk., Cat. Het.*, vi, p. 60: *Reuter, Ann. Soc. Ent. Fr.*, (5 s.) vii, 1877, t. 2, f. 2.
 Hab. All Europe [*Atk., Lille*].
- trigonalis**, Spinola, *Gay's Hist. Fis. Chili*, vii, 1852, p. 197, 20: *Sign., Ann. Soc. Ent. Fr.* (4 s.) iii, p. 569: *Walk., Cat. Het.*, vi, p. 62.
 Hab. Chili.
- ulmi** (*Cimes*), Linn., *Syst. Nat.*, (*ed.* 10), 1758, p. 449: *Fabr., Syst. Ent.*, 1775, p. 727; *id.*, *Syst. Rhyng.*, p. 256: *Fallen, Mon. Cim.*, p. 82; *id.*, (*Phytocoris*), *Hem. Suec.*, p. 89: *Walk., Cat. Het.*, vi, p. 58: *Saund., Syn.*, p. 266: *Reuter, Ann. Soc. Ent. Fr.*, (5 s.) vii, 1877, p. 24; *Rev. Caps.*, p. 43; *Ent. Mon. Mag.*, xiv, 1877, p. 33: *Rev. Syn. Het.*, p. 250.
divergens, Meyer, *Stettin. Ent. Zeit.*, ii, 1841, p. 87: *id.*, *Rhyn. Schw.*, p. 44, t. 1, f. 1: *Kirschb. Rhyn. Wiesb.*, p. 199, sp. 19, p. 268: *Flor, Rhyn. Liv.*, i, p. 415; ii, p. 594: *Fieber, Eur. Hem.*, p. 259: *Dougl. & Scott, Brit. Hem.*, p. 311.
floralis, Fabr., *Mant. Ins.*, 1787, p. 303: *Stål, Hem. Fabr.*, i, p. 87: *Walk., Cat. Het.*, vi, p. 58 (*flavalis*, sic.).
longicornis, Wolff, *l. c.*, iv, 1804, p. 155, t. 15, f. 149: *Burm., Handb. Ent.*, ii (i), p. 269.
vividus, Fabr., *Syst. Rhyn.*, 1803, p. 237.
 Hab. All Europe [*Atk., Lille*].
- undulatus**, Reuter, *Deutsche Ent. Zeits.*, xxi, 1877, p. 26.
 Hab. Turkistan.
- unicolor**, Reuter, *Ofvers. Finska. Soc. Förh.*, xxii, 1880, p. 15.
 Hab. Greece.
- ustulatus**, Herr. Schöff., *Nomencl. Ent.*, 1835, p. 47: *Fieb., Eur. Hem.*, p. 258: *Walk., Cat. Het.*, vi, p. 58: *Reuter, Ann. Soc. Ent. Fr.*, (5 s.) vii, 1877, p. 29.
 Hab. Bohemia, N. Italy.

varicornis, Erichson, Wiegmann Arch., viii (2), 1842, p. 280.

Hab. Tasmania.

varipes, Bohem., Ent. Ant. Sodra Sverige, Vet. Aka. Handl., 1852, p. 107: Thoms.

Opusc. Ent. iv. p. 418: Reuter, Rev. Caps., p. 44: Saund., Syn. Brit. Hem., p. 265:

Reuter, Ann. Soc. Ent. Fr., (5 s.), vii, 1877. p. 26.

irroratus, Ferris, Ann. Soc. Linn. Lyon, iv, 1857, p. 16.

ulmi, Hahn, Wanz. Ins., iii, 1835, p. 9, t. 76, f. 234 (*nec* Linn.: Meyer, Rhyn.

Schw., p. 43: Kirschb., Rhyn. Wiesb., p. 200, sp. 20: Flor, Rhyn. Livl.

i, p. 416; ii, p. 593: Fieber, Eur. Hem., p. 259: Dougl. & Scott, Brit.

Hem., p. 313.

Hab. Nearly all Europe [*Atk.* Dunkirk, Hungary].

Genus **COMPSOCEROCORIS.**

Reuter, Caps. Amer., 1875, 9, p. 70: Distant, Biol. Centr. Amer. Rhyn., p. 260:

Uhler, List, p. 18.

annulicornis, Reuter, Caps. Amer., 1875, 9, p. 70: Distant, Biol. Centr. Amer.

p. 261: Uhler, List, p. 18.

Hab. Texas, Guatemala, Panama.

dubitatus, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 260, t. 25, f. 12.

Hab. Guatemala, Quiche range.

elegans, Distant, *l. c.*, p. 261, t. 25, f. 14.

Hab. Guatemala, San Geronimo.

exustus, Distant, *l. c.*, p. 260.

Hab. Guatemala, Quezaltenango.

mistus, Distant, *l. c.*, p. 262, t. 25, f. 15.

Hab. Guatemala, San Geronimo.

vills, Distant, *l. c.*, p. 260, t. 25, f. 13.

Hab. Guatemala; Panama.

Genus **TAEDIA.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 262.

bimaculata, Distant, *l. c.*, p. 262, t. 25, f. 16.

Hab. Panama, Bugaba.

Genus **NEUROCOLPUS.**

Reuter, Caps. Amer., 1875, 9, p. 69; Dist., Biol. Centr. Amer. Rhyn., p. 262.

inops (*Phytocoris*), Uhler, Bull. Un. St. Surv., iii, 1877, p. 413; Proc. Bost. Soc.

N. H., 1878, p. 402; List, p. 18.

Hab. Canada to Maryland.

mexicanus Distant, Biol. Centr. Amer. Rhyn., 1883, p. 262, t. 23, f. 5.

? var. *affinis*, Distant, *l. c.*, p. 263.

Hab. Mexico, Guatemala, Panama.

nubilus (*Capsus*), Say, Hem. Het. New Harm. Ind., 1831, 22 No. 10; Compl. Writ., i, p. 341, 10; Reuter, Caps. Amer., 1875, p. 70; Uhler, Bull. Un. St. Surv., ii, 1876, p. 317; iii, 1877, p. 413; Proc. Bost. Soc. N. H., xix, 1878, p. 403; List, p. 18.

Hab. New York, Canada, Atlantic States, Texas, Mexico [*Atk.*, Un. St.].

Genus **PARACALOCORIS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 262; Uhler, List, p. 18.

annulatus, Distant, *l. c.*, p. 264.

Hab. Panama, Volcano de Chiriqui, Bugaba.

attenuatus, Distant, *l. c.*, p. 264.

Hab. Guatemala, San Geronimo; Panama, Bugaba.

balteatus, Distant, *l. c.*, p. 265, t. 25, f. 19.

Hab. Guatemala, San Geronimo.

fistulosus, Distant, *l. c.*, p. 264, t. 22, f. 11; Uhler, List, p. 18.

Hab. Mexico.

jurgiosus (*Calocoris*), Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 320, ♀; Walk., Cat.

Het., vi, p. 99; Distant, Biol. Centr. Amer. Rhyn., p. 263, t. 25, f. 17; Uhler, List, p. 18.

Hab. Mexico; Guatemala, Cerro Zunil.

lunatus, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 265, t. 25, f. 20.

Hab. Guatemala, San Geronimo.

mastrucatus, Distant, *l. c.*, p. 265, t. 25, f. 21.

Hab. Panama, Bugaba.

molliculus, Distant, *l. c.*, p. 265, t. 25, f. 18.

Hab. Guatemala, San Geronimo.

Genus **PAPPUS.**

Distant, Biol. Centr., Amer. Rhyn., 1883, p. 266.

sordidus, Distant, *l. c.*, p. 266, t. 25, f. 22.

Hab. Guatemala, San Geronimo.

Genus **GARGANTUS.**

Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 321; Distant, Biol. Centr. Amer. Rhyn., p. 266; Uhler, List, p. 20.

albidivittis, Stål, *l. c. supra*, p. 322, ♀; Walk., Cat. Het., vi, p. 66; Distant, *l. c. supra*, p. 266, t. 25, f. 3; Uhler, List, p. 20.

Hab. Mexico, Guatemala, West. United States.

fusiformis (*Capsus*), Say, Compl. Writ., i, 1831, p. 344; Uhler, List, p. 20.

croceipes, Herr. Schöff., Wanz. Ins., viii, 1848, p. 16, t. 254, f. 792; Walker, Cat. Het., vi, p. 92.

Hab. Western United States, Pennsylvania.

Genus **ISCHNOCELICORIS.**

Reuter, Puton Explor. Scient. Tunis., 1886, p. 17.

Ischnoscelis, Reuter, Ofvers. Finska Soc. Förh., xxii, 1880, p. 15; Zool. Jahr., 1880, p. 140.

rubrinervis, Reuter, Puton, Explor. Scient. Tunis., 1886, p. 18.

Hab. Tunis, Algeria.

Genus **ALLOENOTUS.**

Fieber, Crit. Gen., 1859, 28, t. 6, f. 189; *id.*, Eur. Hem., p. 65, 261: Walk., Cat.

Het., vi, p. 60: Reuter, Bih. Vet.-Aka., Handl., iii (i), 1875, p. 10.

distinguendus, Herr. Schöff., Wanz. Ins., iv, 1839, p. 33, t. 121, f. 384: Fieb., Eur.

Hem., p. 262: Walk., Cat. Het., vi, p. 60.

var. *caspicus*, Horvath, Term. füz., viii, 1884, p. 316.

Hab. S. Russia, Transcaucasia.

egregius, pt., Fieber, Wien Ent. Monats., viii, 1864, p. 327: Walk., Cat. Het., vi, p. 60.

Hab. S. Russia, Dalmatia.

fulvipes (*Cimex*), Scopoli, Ent. Carn., 1768, p. 134: Reuter (*Globiceps*), Caps. Syn.,

p. 13; *id.* (*Alloenotus*), Ent. Mon. Mag., xvii, 1880, p. 14; Rev. Syn. Het., p. 252.

avellanae, Gmelin, Syst. Nat., iv, 1788, p. 2183.

distinguendus, Fieber, Crit. Phyt., 1859, 28; Eur. Hem., p. 262 (*nec Her.*, Schöff.).

var. *sepurandus*, Horvath, Rev. d' Ent., vii, 1888, p. 179.

? , *egregius*, Fieber, var. B, Wien Ent. Monats., viii, 1864, p. 327.

Hab. Turkey, Asia Minor.

Genus **CALOCORIS.**

Fieber, Eur. Hem., 1861, p. 65, 251: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1857, p. 11; Rev. Caps., p. 45: Distant, Biol. Centr. Amer. Rhyn. p. 266: Walker, Cat. Het., vi, p. 71, 105.

subg. *Calocoris*, Fieber, Reuter, *l. c. supra*.

[*Calocoris*, Fieber; *Closterotomus*, Fieber., Eur. Hem., p. 65, 261].

subg. *Homodemus*, Fieber, Eur. Hem., p. 64, 249.

Derasocoris, Douglas & Scott, Brit. Hem., 1865, p. 315.

albonotatus, Jakowleff., Bull. Mosc., lvi (i), 1881, p. 194.

Hab. Persia.

alpestris, Meyer, Rhyn. Schw., 1843, p. 49: Fieber, Eur. Hem., p. 253: Walk.,

Cat. Het., vi, p. 73: Saund., Syn., p. 270: Reuter, Bih. Vet.-Aka. Handl., iii (1), 1875, p. 13; Berlin, Ent. Zeits., xxix, 1885, p. 46.

pabulinus, var. *major*, Schill. Hem. Het. Siles., 1829.

Hab. Nearly all Europe.

amoenus, Douglas & Scott, Ent. Mon. Mag., 1868, p. 115: Walk., Cat. Het., vi, p. 70, 76.

Hab. Syria.

- angularis** (*Homodemus*), Fieber, Wien Ent. Monats., viii, 1864, p. 325: Walk., Cat. Het., vi, p. 71: Reuter, Berlin. Ent. Zeits., 1881, p. 175.
 var. *melanocephalus*, Reuter, l. c., p. 30.
 „ *biplagiatus*, Reuter, Deutsche Ent. Zeits., xxi, 1877, p. 30.
 Hab. Hungary, Greece, Turkey, Syria, Caucasus.
- annulicornis**, F. Sahlb., Mon. Geoc. Fenn., 1848, p. 100: J. Sahlb., K. Vet.-Aka, Handl., xvi (4), 1878, p. 26: Walker, Cat. Het., vi, p. 76: Fieb., Eur. Hem., p. 390.
 Hab. N. Europe, S. Siberia.
- annulus**, Brullé, Exped. Morée, iii (i), 1832: *teste*, Puton, Cat., p. 49.
 Hab. Greece.
- argentinus** (*Phytocoris*), Berg, Hem. Arg., 1879, p. 122: *id.*, Add. Emend., 1884, p. 72.
 Hab. Buenos Ayres.
- Beckeri**, Fieber, Verh. Zool.-Bot. Ges. Wien, xx, 1870, p. 259: Walk., Cat. Het., vi, p. 75.
 Hab. Russia.
- biclavatus** (*Capsus*), Herr. Schäffer, Nomencl. Ent., 1835, p. 48: Reuter, Ent. Mon. Mag., xiv, 1878, p. 244; Rev. Syn. Het., p. 254.
bifasciatus, Herr. Schäff., Wanz. Ins., iii, 1835, p. 48, t. 87, f. 265 (*nec* Fabr.): Meyer, Rhyn. Schw., p. 97; F. Sahlb., Geoc. Fenn., p. 121: Kirschb., Rhyn. Wiesb., p. 208 sp. 35; p. 265: Flor, Rhyn. Liv., i, p. 488; Fieber (*Closterotomus*), Eur. Hem., p. 261.
 ? *quadriguttatus*, Goeze, Ent. Beytr., ii, 1778, p. 275.
variegatus, Reuter, Caps. Syn., 1875, p. 5; *id.*, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 12; Rev. Caps., p. 48 (*nec* Costa).
 ? var. *Schillingi*, Scholtz, Arb. u. Veränd. d. Schles.-Ges., i, 1846, p. 108.
 Hab. Nearly all Europe [*Atk.*, Geneva].
- bimauculatus** (*Capsus*), Fabr., Syst. Rhyng., 1803, p. 243: Stål, Hem. Fabr., i, p. 86: Walk., Cat. Het., vi, p. 105.
 Hab. S. America.
- bistriguttatus**, Fabr., Ent. Syst., iv, 1794, p. 174: Reuter, Rev. Syn. Het., p. 263.
 ? = *biclavatus*, Herr. Schäff., q. v.
 Hab. Germany.
- capitatus**, Jakowleff, Bull. Mosc., lii (2), 1877, p. 290.
 Hab. S. Russia, Sarepta.
- cinctipes** (*Phytocoris*), Costa, Cim. Regn. Neap., Cent. iii, 1852, p. 41.
 Hab. Italy, Dalmatia, Greece.
- collaris**, Fieber, Verh. Zool.-Bot. Ges. Wien, xx, 1870, p. 239: Walk., Cat. Het., vi, p. 75: Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 175.
 var. *fuliginosus*, Reuter, Deutsche Ent. Zeits., xxi, 1877, p. 29.
 „ *fuscescens*, Reuter, l. c., p. 27.
 Hab. Italy, Hungary, Dalmatia, Greece, Syria.
- Costae**, Reuter, Wien. Ent. Zeit., vii, 1888, p. 99, 100.
 Hab. Armenia.

- detritus**, Fieber, Eur. Hem., 1861, p. 257: Walk. Cat. Het., vi, p. 74: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 12.
Hab. Hungary, France, Switzerland.
- elegans**, Reuter, Deutsche Ent. Zeits., xxi, 1877, p. 26.
Hab. Syria.
- fasciiventris**, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 320, ♀: Walker, Cat., vi, p. 99: Distant, Biol. Centr. Amer. Rhyn., p. 267, t. 25, f. 24: Uhler, List, p. 18.
Hab. Mexico, San Luis Potosi.
- fasciatus**, Jakowleff, Bull. Mosc., xlix (3), 1875, p. 167.
Hab. S. Russia.
- Fedtschenkoi**, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 199; Fedtsch. Turk., sep., 1887, p. 5; Wien Ent. Zeit., vii, 1881, p. 100.
Hab. Turkistan, Varsaminor.
- Forsythi**, Distant, Scien. resul. 2nd Yarkand Miss., 1879, p. 10, f. 8; Trans. Ent. S. Lond., 1879, p. 125.
Hab. Yarkand.
- fulvomaaculatus** (*Cimes*), De Geer, Mém., iii, 1773, p. 294: Fallen, Mon. Cim., p. 81: *id.*, Hem. Suec., p. 88: Zett., Faun. Lapp., p. 489: Herr. Schöff., Wanz. Ins., iii, p. 50, t. 87, f. 267 ♂; *ib.*, p. 81, t. 99, f. 302, ♀: Meyer, Rhyn. Schw., p. 96: Kolenati, Mel. Ent., ii, p. 109: F. Sahlb., Geoe. Fenn., p. 109: Costa, Cim. Regn. Neap. Cent., iii, p. 41: Kirschb., Rhyn. Wiesb., p. 209, sp. 36: Flor, Rhyn. Liv., i, p. 505: Fieber, Eur. Hem., p. 253: Douglas & Scott, Brit. Hem., p. 316: Walk., Cat. Het., vi, p. 72: Saund., Syn., p. 267: Reuter, Rev. Caps., p. 49; *id.*, Rev. Syn. Het., p. 255: Uhler, List, p. 18.
? *bimaculatus*, Linn., Syst. Nat. (*ed.* 10), 1758, p. 449.
distinguendus, Garbigl., Bull. Soc. Ent. Ital, 1869, p. 184: Walk., Cat. Het., vi, p. 75.
? *femorialis*, Lucas, Expl. Scient. Alg. iii, 1849, p. 82, t. 3, f. 4.
genistae, Schrank, Fauna Boica, 1801, p. 87 (*nec* Scop.).
isabellinus, Westh., Jahresh. Westfäl. Prov. Ver. Wiss. u. Kunst., ix, 1883, p. 80.
Rolandri (Retzius), De Geer, Gen. & Spec., 1783, p. 88 (*nec* Linn.).
saltatorius, Fabr., Syst. Rhyng., 1803, p. 239, *excl. syn.*
seticornis, Schrank, Fauna Boica, 1801, p. 89 (*nec* Fabr.).
Hab. Nearly all Europe: Canada [*Atk.*, Lille].
- fulvus**, Jakowleff, Trudi. Ent. Ross., xiii, 1882, p. 170.
Hab. E. Siberia, Vladivostock.
- Hedenborgi**, Fieber, Verh. Zool.-Bot. Ges. Wien, xx, 1870, p. 258: Walk., Cat. Het., vi, p. 75; Reuter, Wien Ent. Zeit., vii, 1888, p. 100.
Hab. Bosphorus.
- hispanicus**, Gmolin, Syst. Nat., iv, 1788, p. 2174: Reuter, Rev. Syn. Het., p. 256.
Carcelii, Lep. & Serv., Enc. Méth., x, 1825, p. 325: Dufour, Rech., 1833, p. 178, t. 10, f. 325: Brullé, Hist. Ins., 1835, p. 409, t. 33, f. 4.
nemorialis, Burm., Handb. Ent., ii (i), 1835, p. 269: Blanchard, Hist. Ins., p. 136.

ruficollis, Fabr., Ent. Syst., iv, 1794, p. 138 (?); *id.*, Syst. Rhyng., p. 244.
seepunctatus, Fabr., Mant. Ins., 1787, p. 300 (*nom. praeoc.*): Hahn, Wanz. Ins., ii, p. 131, t. 70, f. 213-216: Costa, Cim. Regn. Neap., i, 1838, p. 51: Fieber, Eur. Hem., p. 253: Stål, Hem. Fabr., i, p. 86: Walk., Cat. Het., vi, p. 73.

- var. *coccineus*, Dufour, Recherch., 1833, p. 179.
 „ *cuneatus*, Puton, Rev. d' Ent., vi, 1887, p. 102.
 „ *nankineus*, Dufour, Recherch., 1833, p. 179.
 „ *nigridorsum*, Costa, Cim. Regn. Neap. Cent. Addit., 1860, p. 38.
 „ *nigrovittatus*, Costa, l. c. Cent., i, 1838, p. 51, f. 9.
 „ { *piceus*, Cyrillo, Ent. Neap., 1787, t. 12, f. 5. ?
 aterrimus, Garbigl., Bull. Soc. Ent. Ital., 1869, p. 185: Walk., Cat. Het., vi, p. 76.
 „ { *rubromarginatus*, Lucas, Expl. Scient. Algerie, 1849, p. 81, t. 3, f. 3.
 Zelleri, Scott, Ent. Mon. Mag., xiii, 1876, p. 104. Palermo.
 „ { *thoracicus*, Puton, Rev. d' Ent., iii, 1884, p. 148.
 punicus, Ferrari, Ann. Mus. Civ. Gen., (2 s.) i, 1884, p. 476.

Hab. S. Europe, Tunis.

histris, Reuter, Deutsche Ent. Zeits., xxi, 1877, p. 27; Wien. Ent. Zeit., vii, 1888, p. 100.

Hab. Greece.

insularis, Horvath, Termes. Füz., iii, 1879, p. 147.

Hab. Japan, Nagasaki.

inustus, Distant, Biol. Centr., Amer. Rhyn., 1883, p. 267, t. 23, f. 17: Uhler, List, p. 18.

Hab. Mexico.

Jakowleffi, Reuter, Deutsche Ent. Zeits., xxi, 1877, p. 28: Fedtschenko's Turkistan, sep., p. 6.

Hab. Turkistan.

Kolenatii, Fieber, Wien Ent. Monats., viii, 1864, p. 219: Walk., Cat. Het., vi, p. 75.

Hab. Germany.

Krusperii, Reuter, Ofvers. Finska Soc. Förh., xxii, 1880, p. 16; Wien. Ent. Zeit., vii, 1888, p. 100.

Hab. Greece.

lineolatus (*Oimes*), Goeze, Ent. Beytr., ii, 1778, p. 267: Reuter, Rev. Syn. Het., p. 262.

albinus, Geoffroy in Fourcr. Ent. Paris., 1785, p. 208.

binotatus, Hahn, Wanz. Ins., i, 1831, p. 202, t. 33, f. 103.

bipunctatus, Burm., Handb. Ent., ii (i), 1835, p. 270: Costa, Cim. Regn. Neap. Cent., iii, p. 260.

brevicollis, Meyer, Rhyn. Schw., 1843, p. 47, t. 1, f. 4.

chenopodii (*Lygaeus*), Fallen, Mon. Cim., 1807, p. 74; *id.*, Hem. Suec., p. 77: Meyer, Rhyn. Schw., p. 51: Kolenati, Mel. Ent., ii, p. 113: Sahlb. Geoc. Fenn., p. 100: Kirschb., Rhyn. Wiesb., p. 217, sp. 51: Flor, Rhyn. Liv., i, p. 501: Fieber, Eur. Hem., p. 255: Dougl. & Scott, Brit. Hem., p. 325: Walk., Cat. Het., vi, p. 74: Saund., Syn., p. 270: Reuter, Rev. Caps., p. 54, pt.; *id.* Fedtsch. Turk., p. 6.

laevigatus, Wolff, Ic. Cim., i, 1800, p. 36, t. 4, f. 86 (*nec* Linn.).

Hab. Nearly all Europe; Tunis, Turkistan [*Atk.*, Lille, Stazzano, Hungary].

Meyeri, Kolenati, Mel. Ent. ii, 1845, p. 105, t. 11, f. 26: Fieb., Eur. Hem., p. 250: Walk., Cat. Het., vi, p. 71.

Hab. Caucasus.

M-flavum (*Cimes*), Goeze, Ent. Beytr., ii, 1778, p. 279: Reut., Rev. Syn. Het., p. 263.

marginellus, Fabr., Spec. Ins., ii, 1781, p. 374; *id.*, Syst. Rhyng., p. 255: Burm., Handb. Ent., ii (i), p. 269: Meyer, Rhyn. Schw., p. 93: Kirschb., Rhyn. Wiesb., p. 210, sp. 38: Fieber, Eur. Hem., p. 250: Dougl. & Scott, Brit. Hem., p. 328: Walk., Cat. Het., vi, p. 71: Saund., Syn., p. 269.

scriptus, Fabr., Ent. Syst., iv, 1794, p. 182; *id.*, Syst. Rhyng., p. 247: Coq. Ill. Ic., p. 41, t. 10, f. 13: Lep. & Serv., Enc. Méth., x, p. 325: Hahn, Wanz. Ins., ii, p. 120, t. 66, f. 202.

striatus, Geoffr. in Fourcr., Ent., Par., 1785, p. 207 (*nec* Linn.).

Hab. Nearly all Europe [*Atk.*, Loire Inférieure].

nebulosus, Fieber, Wien Ent. Monats., viii, 1864, p. 326: Walk., Cat. Het., vi, p. 75.

Hab. Illyria.

nigricans, Distant, Biol. Centr. Amer., Rhyn., 1883, p. 267, t. 22, f. 22: Uhler, List, p. 18.

Hab. Mexico.

nigriceps, J. Sahlberg, K. Vet.-Aka. Handl., xvi (4), 1878, p. 25.

Hab. Siberia.

norvegicus (*Cimes*), Gmelin, Syst. Nat., iv, 1788, p. 2176: Reut., Rev. Syn. Het., p. 259.

? *biguttatus*, Schrank, Fauna Boica, 1801, p. 94.

bipunctatus, Fabr., Reise Norv., 1779, p. 346 (*nec* Linn.); *id.*, Syst. Rhyng., p. 235: Fallen, Mon. Cim., p. 75; *id.*, Hem. Suec., p. 78: Zett., Fauna Lapp., p. 436: Herr. Schöff., Wanz., Ins., iii, p. 79, t. 98, f. 298: Meyer, Rhyn. Schw., p. 61: Kirschb., Rhyn. Wiesb., p. 220, sp. 53: Flor., Rhyn. Liv., i, p. 498: Fieb., Eur. Hem., p. 254: Dougl. & Scott, Brit. Hem., p. 319: Walk., Cat. Het., vi, p. 73: Saund., Syn., p. 270: Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 400; List, p. 18: Reuter, Caps. Amer., p. 71; Abo Hem., p. 168; Rev. Caps., p. 53, pt; Berlin. Ent. Zeits., xxix, 1885, p. 46.

pabulinus, var. 1, 2, Scopoli, Ent. Carn., 1763, p. 132 (*nec* Linn.).

pabulinus, Rossi, Faun. Etrusc., ii, 1790, p. 251.

Hab. All Europe; Tunis; N. America, Texas [*Atk.*, Lille, Stazzano].

ochromelas (*Cimes*), Gmelin, Syst. Nat., iv, 1788, p. 2180: Reut., Rev. Syn. Het., p. 252.

cordiger, Schrank, Fauna Boica, 1801, p. 91 (*nec* Goeze).

luteus, Turton, Syst. Nat., ii, 1806, p. 682.

? *pulligo*, Harris, Exp. Engl. Ins., 1781, p. 89, t. 26, f. 4.

quadripunctatus, Vill., Ent. aucta, 1789, p. 585: Don., Br. Ins. iii, p. 77, t. 101, f. 1-3.

striatellus, Fabr., Ent. Syst., iv, 1794, p. 173; *id.*, Syst. Rhyng., p. 236:

Wolff, Ic. Cim., iv, 1804, p. 156, t. 15, f. 150: Panzer, Faun. Germ., 93, 1804, f. 17: Fallen, Mon. Cim., p. 78; *id.*, Hem. Succ., p. 84: Zett., Fauna Lapp., p. 488: Hahn, Wanz. Ins., ii, p. 183, t. 71, f. 218: Meyer, Rhyn. Schw., p. 94: F. Sahlb., Geoc. Fenn., p. 105: Costa, Cim. Rezn. Neap., Cent, iii, p. 263: Kirschb., Rhyn. Wiesb., p. 216, sp. 50: Flor, Rhyn. Liv., i, p. 492: Fieber, Eur. Hem., p. 251: Dougl. & Scott, Brit. Hem., p. 318; Walk., Cat. Het., vi, p. 71: Saund., Syn., p. 268: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 11; Rev. Caps., p. 46.

variegatus, Müller, Zool. Dan., 1776, p. 108 (*nom. praeoc.*).

var. *formicatus*, Fieber, Wien. Ent. Monats., viii, 1864, p. 218: Dougl. & Scott, Brit. Hem., p. 329: Walk., Cat. Het., vi, p. 75.

Hab. Nearly all Europe [*Atk.*, Lille, Hungary].

opacus, Walker, Cat. Het., vi, 1873, p. 100: Distant, Biol. Centr. Amer., Rhyn., p. 267, t. 22, f. 10: Uhler, List, p. 18.

Hab. Mexico.

Palmerii, Uhler, Hayden Mont. Surv., 1872, p. 410; Wheeler, Rep. Geogr. Expl. Un. St. Zool., 1875, p. 638, t. 42, f. 4; Bull. Un. St. Surv., ii, 1876, p. 318; Proc. Bost. Soc. N. H., xix, 1878, p. 40; List, p. 18.

Hab. West. Un. States, Arizona, S. Colorado.

picicornis, Panzer, Faun. Germ., 1809, p. 99: Walker, Cat. Het., vi, p. 72: Kirschb., Rhyn. Wiesb., p. 222, sp. 61: Fieb., Eur. Hem., p. 252: Walk., Cat. Het., vi, p. 72: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 12.

antious, Muls. & Rey, Ann. Soc. Linn. Lyon, 1852, p. 116.

Hab. France, Spain, Italy, Germany.

princeps, Reuter, Deutsche Ent. Zeits., 1880, p. 27: Ofvers. Finska Soc. Förh., 1880, p. 16.

Hab. Greece.

Putonii, Horvath, Rev. d' Ent., vii, 1888, p. 180.

Hab. Syria, Caffa.

quadripunctatus (*Lygaeus*), Fabr., Ent. Syst., iv, 1794, p. 172: Fieber, Eur. Hem., p. 256: Walker, Cat. Het., vi, p. 74: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 13; Rev. Syn. Het., p. 263.

Hab. Nearly all Europe [*Atk.*, Calais].

rapidus (*Capsus*), Say, Hem. Het. New Harm. Ind., 1831, p. 20, 4: Uhler, Hayden Mont. Surv., 1872, p. 410; *id.*, Bull. Un. St. Surv., ii, 1876, p. 318: iii, 1877, p. 415; Proc. Bost. Soc. N. H., xix, 1878, p. 401; List, p. 18: Walk., Cat. Het., vi, p. 91: Forbes, Ill. Rep., xiii, p. 135, t. 14, f. 1, 2.

multicolor, Herr. Schöff, Wanz. Ins., viii, 1848, p. 19, t. 254, f. 795: Reut. Caps. Amer., 1875, p. 70.

Hab. Colorado, Arizona, Texas, California, Wisconsin, Canada [*Atk.*, E. Florida].

Beichelii, Fieber, Weit. Beitr., i, 1836, p. 103, t. 2, f. 2; Eur. Hem., p. 257: Walk., Cat. Het., vi, p. 74: Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 12.

Hab. France, Italy, Germany [*Atk.*, Styria].

Reuterii, Horvath, Term. Füz., v, 1882, p. 223: var. in *l. c.*, vii, 1883, p. 29.

Hab. Caucasus, Broussa.

- roseomaculatus* (*Cimex*), De Geer, Mém., iii, 1773, p. 293: Baer., Cat., p. 14: Saund., Syn., p. 269: Reut., Rev. Caps., p. 52; Rev. Syn. Het. p. 260.
distriatus, Goeze, Ent. Beytr., ii, 1778, p. 278.
campestris, Panzer, Schäff., Ic., 1804, p. 19.
cruentatus, Geoffr. in Fourcr., Ent. Par., 1785, p. 208.
digrammus, Gmelin, Syst. Nat., iv, 1788, p. 2181.
ferrugatus, Fabr., Ent. Syst., iv, 1794, p. 173; *id.*, Syst. Rhyng., p. 286: Fallen, Mon. Cim., p. 79; *id.*, Hem. Suec., p. 86: Hahn, Wanz. Ins., i, p. 204, t. 33, f. 104: Burm., Handb. Ent., ii, p. 270: Meyer, Rhyn. Schw., p. 52: Kolenati, Mel. Ent., ii, p. 111: F. Sahlb., Geoc. Fenn., p. 104: Costa, Cim. Regn. Neap., Cent. iii, p. 261: Kirschb., Rhyn. Wiesb., p. 217, sp. 53: Flor, Rhyn. Liv., i, p. 496: Fieb., Eur. Hem., p. 250: Dougl. & Scott, Brit. Hem., p. 327; Walk., Cat. Het., vi, p. 70.
pabulinus, var. 3, Scop., Ent. Carn., 1763, p. 132.
rosatus, Schrank, Naturh. Bem., 1796, p. 213: Fauna Boica, ii, p. 90.
sauciatius, Gmelin, Syst. Nat., 1788, p. 2191.
succinctus, Turton, Syst. Nat., ii, 1806, p. 694.
 Hab. Nearly all Europe [*Atk.*, Dunkirk].
- rhaeticus* (*Capsus*), Meyer, Reuter, Rev. Mens. d' Ent., i, 1884, p. 213: Wien. Ent. Zeit., vii, p. 99.
lineolatus, Costa, Cim. Regn. Neap. Cent. iii, 1852 (*nec* Goeze).
palmeri (*Pycnopterna*), Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 14; *id.*, Verh. Zool.-Bot. Ges. Wien, xxv, 1876, p. 86.
 Hab. France, Italy, Noric Alps, Hungary, Germany.
- rubripes*, Jakowleff, Bull. Mosc., li (3), 1876, p. 115.
 Hab. E. Siberia, Ussuri.
- rubrinervis* (*Capsus*), Herr. Schäff., Nomencl. Ent., i, 1835, p. 49: Reuter, Berlin. Ent. Zeits., xxix, 1885, p. 40.
instabilis, Fieber, Eur. Hem., 1861, p. 255: Walk., Cat. Het., vi, p. 74.
 Hab. Spain, Tunis, Algeria, Syria.
- salviae* (*Phytocoris*), Hahn, Wanz. Ins., ii, 1834, p. 133, t. 71, f. 217: Meyer, Rhyn. Schw., p. 95: Reuter, Rev. Syn. Het., p. 257.
affinis, Herr. Schäff., Nomencl. Ent., 1835, p. 49: Kirschb., Rhyn. Wiesb., p. 210, sp. 89, p. 269, 271: Fieber, Eur. Hem., p. 254: Walk., Cat. Het., vi, p. 73.
pabulinus, Schrank, Verzeich. Ins. Ber., 1785, p. 340 (*nec* Linn.): Meyer, Rhyn. Schw., p. 48, t. 1, f. 5.
 Hab. Europe [*Atk.*, Ardentès, Indre].
- Samojedorum*, J. Sahlberg, K. Vet.-Aka. Handl., xvi (4), 1878, p. 24.
 Hab. N. W. Siberia.
- Schmidti*, Fieber, Weit. Beit., i, 1836, p. 102, t. 2, f. 1.
bimaculatus, Herr. Schäff., Nomencl. Ent., 1835, p. 51; Wanz. Ins., vi, p. 48, t. 196, f. 607: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 11: Glover, Rep. Agric., Un. St. for 1875, p. 152, f. 32: Fieb., Eur. Hem. p. 252: Walk., Cat. Het., vi, p. 72.

tetraphlyctis, Garbigl., Bull. Soc. Ent. Ital., i, 1869, p. 184: Walk., Cat. Het., vi, p. 75.

Hab. France, Italy, Germany, Russia: N. America.

Sedillotii, Puton, Expl. Scient. Tunisie, 1886, p. 19.

Hab. Tunis.

semiopacus, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 267, t. 22, f. 9: Uhler, List, p. 18.

Hab. Mexico.

seticornis (*Cimes*), Fabr., Syst. Ent., 1775, p. 725; *id.*, Syst. Rhyng., p. 244: Wolff, Ic. Cim., iv, 1804, p. 158, t. 16, f. 152: Burm., Handb. Ent., ii (i), p. 269: Costa, Cim. Regn. Neap. Cent. i, p. 52: Kolenati, Mel. Ent., ii, p. 114: Fieb., Eur. Hem., p. 257: Dougl. & Scott, Brit. Hem., p. 324: Walk., Cat. Het., vi, p. 74: Saund., Syn., p. 267: Reuter, Rev. Caps., p. 50; *id.*, Rev. Syn. Het., p. 258.

apicalis, Hahn, Wanz. Ins., i, 1831, p. 220, t. 35, f. 114.

bimaculatus, Sulzer, Kenntz. Ins., 1761, p. 23, t. 11, f. 76 (*nec*. Linn.).

esoletus, Gmelin, Syst. Nat., iv, 1788, p. 2165.

gothicus, var., Schrank, En. Ins. Austr., 1781, p. 205.

hirtus, Schrank, Fauna Boica, 1801, p. 81.

lateralis, Fallen, Hem. Suec., 1829, p. 88: Zett., Ins. Lapp., p. 273: Meyer, Rhyn. Schw., p. 95: F. Sahlb., Geoc. Fenn., p. 108: Kirschb., Rhyn. Wiesb., p. 218, sp. 54: Flor, Rhyn. Liv., i, p. 503.

tibialis, Wolff, Ic. Cim., iii, 1802, p. 117.

Hab. All Europe [*Atk.*, Lille, Hungary].

sexguttatus (*Cimes*), Fabr., Gen. Ins., 1776, p. 299: Fallen, Mon. Cim., p. 80; *id.*, Hem. Suec., p. 86: Herr. Schöff., Wanz. Ins., iii, p. 77, t. 97, f. 295: Meyer, Rhyn. Schw., p. 92: Kolenati, Mel. Ent., ii, p. 106: Flor, Rhyn. Liv., i, p. 494: Fieb., Eur. Hem., p. 252: Dougl. & Scott, Brit. Hem., p. 322: Walk., Cat. Het., vi, p. 72: Saund., Syn. p. 268: Reut., Rev. Caps., p. 47; Rev. Syn. Het., p. 253.

? *sermaculatus*, Müller, Zool. Dan., 1776, p. 108.

? *termaculatus*, Goeze, Ent. Beytr., ii, 1778, p. 267.

? *ternatus*, Geoffr. in Fourcr., Ent. Par., 1785, p. 206.

Hab. All Europe [*Atk.*, France].

stigmatosus (*Resthenia*), Berg, Hem. Arg., 1879, p. 123; Add. Emend., 1884, p. 72.

Hab. Buenos Ayres.

Stoliczkanus, Distant, Scient. Res. 2nd Yarkand Miss., 1879, p. 10, f. 7: Trans. Ent. S. Lond., 1879, p. 124.

Hab. Yarkand.

sulphureus, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 32.

Hab. Spain, Italy.

superbus, Uhler, Wheeler, Geog. Explor. Un. St. v, 1875, p. 838, t. 42, f. 3; Proc. Bost. Soc. N. H., 1878, p. 401; List, p. 18.

Hab. Arizona, California.

suturalis, Jakowleff, Trudi. Ent. Ross., xiii, 1882, p. 169.

Hab. Amuria.

tegularis, Puton, Rev. d' Ent., vii, 1888, p. 364.

Hab. Ghardaia, Laghonat, N. Africa.

tenebrosus, Reuter, Pet. Nouv. Ent., No. 186, 1875, p. 544.

Hab. Siberia.

ticinensis, Meyer, Rhyn. Schw., 1843, p. 100, t. 6, f. 1: Fieb., Eur. Hem., p. 256:

Dougl. & Scott, Brit. Hem., p. 330; Saund., Syn., p. 269.

haemorrhous, Costa, Cim. Regn. Neap. Cent. iii, 1852.

Henkei, Jakowleff, Bull. Mosc. xlix (3), 1875, p. 165.

Hab. S. Europe, Astrakhan.

tinotus, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 367, t. 22, f. 8: Uhler, List, p. 18.

Hab. Mexico.

triannulatus, Stål, Stettin Ent. Zeit., xix, 1858, p. 183, ♀: Walk., Cat. Het., vi, p. 89.

Hab. Siberia, Irkutsk.

tricolor, Scott, Trans. Ent. S. Lond., 1880, p. 313.

Hab. Japan.

trivialis, Costa, Cim. Regn. Neap. Cent. iii, 1852: Fieber, Eur. Hem., p. 255:

Walk., Cat. Het., vi, p. 73.

var. *limbicollis*, Reuter, Deutsche Ent. Zeits., xxi, 1877, p. 29.

Hab. Italy, Corsica, Greece, Turkey.

tucumanus, Berg, Hem. Arg. Add. Emend., 1884, p. 72.

Hab. Buenos Ayres.

vandalicus, Rossi, Faun. Etrusc., ii, 1790, p. 249: Fieb., Eur. Hem., p. 256: Walk.

Cat. Het., vi, p. 74: Reut., Rev. Syn. Het., p. 257.

binotatus, var. *A.*, Blanch., Hist. Ins., 1840, p. 187.

bipunctatus *Ab. a.*, Burm., Handb., ii (i), 1835, p. 270.

? *fraxini*, Fabr., Ent. Syst., iv, 1794, p. 172; Syst. Rhyng., p. 236: Herr.

Schäff., Wanz. Ins., iii, p. 82, t. 99, f. 303: Kolenati, Mel. Ent., ii, p. 112.

taeniotoma, Costa, Cim. Regn. Neap. Cent., iii, 1852, p. 36, t. 7, f. 9.

var. *humuli*, Schummel in Scholtz Prodr. in Arb. u. Veränd. d. Schles. Ges., 1846, p. 126: Bæer., Cat., p. 14.

Hab. S. Europe [*Atk.*, Stazzano, Hungary].

ventralis, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 32.

Hab. France, Corsica, Italy, Germany [*Atk.*, Genoa].

venustus, Fieber, Eur. Hem., 1861, p. 254: Walker, Cat. Het., vi, p. 73.

Hab. Spain.

vicinus, Horvath, Pet. Nouv. Ent. ii, No. 142, 1876, p. 15: Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 175.

fulvomaculatus, var., Herr. Schäff., Wanz. Ins., vi, 1842, p. 35, t. 192, f. 593.

Hab. Hungary.

Genus **CALONDAS.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 268.

fasciatus, Distant, *l. c.*, p. 268, t. 26, f. 1.

Hab. Panama, Bugaba.

superbus, Distant, *l. c.*, p. 268, t. 23, f. 22.

Hab. Mexico, Guatemala, Cerro Zunil; Panama.

testaceus, Distant, *l. c.*, p. 269, t. 26, f. 2.

Hab. Costa Rica, Irazu.

Genus **PACHYPTERNA.**

Fieber, *Crit. Gen. Phyt.*, 1859, 18; *Eur. Hem.*, p. 63, 247; *Walk., Cat. Het.*, vi, p. 68; *Reut., Caps. Amer.*, p. 13; *Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 13.

Fieberi (Schmidt), *Fieb., Crit.*, 1859, sp. 1; *Eur. Hem.*, p. 248.

Hab. Krainer Alps.

Genus **MEGACÆLUM.**

Fieber, *Crit. Gen.*, 1859, 21; *Eur. Hem.*, 1861, p. 64, 249; *Stål, Hem., Afric.*, iii, p. 18; *Reuter, Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 14; *Rev. Caps.*, p. 56; *Walk. Cat. Het.*, vi, p. 42.

apicale, *Reuter, Ofvers. Finska Soc. Förh.*, xxv, 1884, p. 30.

Hab. Addah, W. Africa.

brevirostre, *Reuter, Ofvers. Finska Soc. Förh.*, xxi, 1879, p. 200; *Fedtsch. Turk.*, p. 7.

Hab. Turkistan.

elegantulum, *Jakowleff, Hor. Ent. Ross.*, xix, 1885, p. 124.

Hab. Turkistan, Achal Tekke.

elongatum, *Lethierry, Ann. Mus. Civ. Gen.*, xvi, 1881, p. 293.

Hab. Abyssinia, Shoa.

flicorne (*Capsus*), *Walker, Cat. Het.*, vi, 1873, p. 96; *Uhler, List*, p. 18.

Hab. E. Florida.

grossum, *Uhler, Ent. Amer.*, iii, 1887, p. 70; *List*, p. 18.

Hab. N. America.

hottentotum (*Phytocoris*), *Stål, Ofvers. Vet.-Aka. Förh.*, 1855, p. 36; *Hem. Afric.*, iii, 1865, p. 18; *Walk., Cat. Het.*, vi, p. 114.

Hab. Caffraria.

infusum (*Capsus*), *Herr. Schöff., Wanz. Ins.*, iv, 1839, p. 30, t. 120, f. 381; *Kirschbaum, Rhyn. Wiesb.*, p. 215, sp. 49; *Thomson, Opusc. Ent.*, iv, 1871, p. 421; *Fieber, Eur. Hem.*, p. 249; *Dougl. & Scott, Brit. Hem.*, p. 331?; *Walk., Cat. Het.*, vi, p. 70; *Saund., Syn.*, p. 270; *Reuter, Rev. Caps.*, p. 56; *id., Berlin. Ent. Zeita.*, xxv, 1881, p. 176.

Lethierryi, *Fieber, Verh. Zool. Bot. Ges. Wien.*, xx, 1870, p. 260; *Walk., Cat. Het.*, vi, p. 75.

rubidum, *Garbigl., Bull. Soc. Ent. Ital.*, i, 1869, p. 185; *Walker, Cat. Het.*, vi, p. 75.

validicorne, *Bohem., Nya Svenaka Hem.*, 1852, p. 14, sp. 19.

- var. *ruficeps*, Reuter, *Ofvers. Finska Soc. Förh.*, xxii, 1880, p. 17.
 Hab. Middle & S. Europe [*Atk.*, Stazzano, Austria].
- lustratum*, F. B. White, *Proc. Zool. S. Lond.*, 1878, p. 466.
 Hab. St. Helena.
- mundum*, Uhler, *Ent. Am.*, iii, 1887, p. 71.
 Hab. N. America.
- pellucens*, Puton, *MT. Schw. Ent. Ges.*, vi, 1881, p. 125.
 Hab. Syria, Jaffa.
- pulchricorne*, Reuter, *Ofvers. Finska Soc. Förh.*, xxii, 1880, p. 18.
 Hab. Spain.
- pusillum*, Uhler, *Ent. Am.*, iii, 1887, p. 71.
 Hab. N. America.
- P signatum*, Distant, *Biol. Centr. Amer. Rhyn.*, 1888, p. 269, t. 23, f. 11: Uhler, *List*, p. 18.
 Hab. Mexico.
- strigipes*, Reuter, *Deutsche Ent. Zeits.*, xxi, 1877, p. 31.
 Hab. Greece.

Genus **VOLUMNUS.**

- Stål*, *Hem. Afric.*, iii, 1865, p. 19.
- obscuricornis* (*Capsus*), *Stål*, *Ofvers. K. V.-A., Förh.*, 1855, p. 36; *Hem. Afric.*, iii, p. 19: *Walk., Cat. Het.*, vi, p. 115.
 Hab. Caffraria.
- straminicolor* (*Capsus*), *Stål*, *Ofvers. K. V.-A., Förh.*, 1855, p. 36; *Hem. Afric.*, iii, p. 19: *Walk., Cat. Het.*, vi, p. 115.
 Hab. Caffraria.

Genus **MELINNA.**

- Uhler, *Ent. Am.*, iii, 1887, p. 68.
- fasciata* (*Megacaelum*), Uhler, *Bull. Un. St. Surv.*, iii, 1877, p. 421; *List*, p. 18; (*Melinna*) *Ent. Am.*, iii, 1887, p. 68.
 Hab. Texas, Missouri.
- modesta*, Uhler, *Ent. Am.*, iii, 1887, p. 69.
 Hab. N. America.
- pumila*, Uhler, *l. c.*, p. 69.
 Hab. N. America.

Genus **PROBA.**

- Distant, *Biol. Centr. Amer. Rhyn.*, 1888, p. 269.
- gracilis*, Distant, *l. c.*, p. 269, t. 26, f. 3, var. *b.*; t. 25, f. 25.
 Hab. Guatemala, Cerro Zunil.

Genus **PARAPROBA.**

Distant, Biol. Centr. Amer. Rhyn., 1883, p. 270.

fasciata, Distant, *l. c.*, p. 270, t. 26, f. 4.

Hab. Guatemala, San Geronimo, Cerro Zunil.

pallescens, Distant, *l. c.*, p. 270, t. 26, f. 5.

Hab. Guatemala, Cerro Zunil.

Genus **NEOPROBA.**

Distant, Biol. Centr. Amer., Rhyn., 1883, p. 270.

rubescens, Distant, *l. c.*, p. 270, t. 26, f. 6.

Hab. Guatemala, Cerro Zunil.

varians, Distant, *l. c.*, p. 271, t. 26, f. 7.

Hab. Guatemala, San Geronimo.

Genus **PANDANUS.**

Distant, Biol. Centr. Amer., Rhyn., 1883, p. 271.

praeclara, Distant, *l. c.*, p. 271, t. 26, f. 8.

Hab. Guatemala, San Geronimo.

Genus **PYCNOPTERNA.**

Fieber, Crit. Gen., 1859, 30; Eur. Hem., p. 66, 262; Rent., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 13, pt. : Walk., Cat. Het., vi, 1873, p. 76.

amoena, Provancher, Faune Can. Hem., 1887, p. 114.

Hab. Canada.

blanda, Puton, MT. Schw. Ent. Ges., vi, 1881, p. 124.

Hab. Syria.

persica, Reuter, Pet. Nouv. Ent., ii, no. 140, 1876, p. 5.

Hab. Persia, Astrabad.

pulehra, Herr. Schöff., Wanz. Ins., iii, 1835, p. 75, t. 97, f. 293; Fieb., Eur. Hem., p. 263; Walk., Cat. Het., vi, p. 76.

Hab. Germany, France.

striata (*Gimes*), Linn., Syst. Nat., (*ed.* 10), 1758, p. 449; Scopoli, Ent. Carn., p. 133; De Geer, Mém., iii, p. 290, t. 15, f. 13-15; Schrank, Enum. Ins. Austr., p. 284; Fauna Boica, ii, p. 90; Fabr., Syst. Rhyn., p. 255; Panzer, Faun. Germ., 93, f. 22; Wolff, Ic. Cim., i, p. 37, t. 4, f. 37, a, b; Fallen, Mon. Cim., p. 78; *id.*, Hem., Suec., p. 83; Zett., Faun. Lapp., p. 488; Hahn, Wanz. Ins., ii, p. 134, t. 71, f. 219; Burm., Handb. Ent., ii (i), p. 267; Zett., Ins. Lapp., p. 272; Meyer, Rhyn. Schw., p. 94; F. Sahlb., Mon. Geoc., p. 97; Kirschb., Rhyn. Wiesb., p. 209, sp. 37; Costa, Cim. Regn. Neap., Cent. iii, p. 40; Flor, Rhyn. Liv., i, p. 400; Kolenati, Mel. Ent., ii, p. 103; Fieber (*Pycnopterna*), Eur. Hem., p. 263; Dougl. & Scott, Brit. Hem. p. 320; Walk., Cat. Het., vi, p. 76; Saund., Syn., p. 268; Reuter, Rev. Caps., p. 55; *id.* Rev. Syn. Het., p. 264.

euonymi, Gmelin, Syst. Nat., iv, 1788, p. 2188.

scriptus, Dvlg., Prim. Faun. Mosq.: 1802, p. 126.

Hab. Nearly all Europe [Atk., Fiume, Hungary].

suturalis, Jakowleff, Rev. Mens. d' Ent., i, 1888, p. 110.

Hab. Caucasus.

Genus **PROBOSCIDOCORIS.**

Reuter, Ofvers. Finska Soc. Förh., xxv, 1884, p. 30.

fuliginosus, Reuter, l. c., p. 86.

Hab. Addah, W. Africa.

Genus **ODONTOPLATYS.**

Fieber, Crit. Gen., 1859, 33; Eur. Hem., 1861, p. 76, 322, 395.

bidentulus, Herr. Schöff., Wanz. Ins., vi, 1842, p. 96, t. 212, f. 668; Fieb., Eur. Hem., p. 322; Walk., Cat. Het., vi, p. 143.

Hab. S. Europe [Atk., Wallachia].

Genus **EPIMECIS.**

Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 30; Zool. Jahr., 1879, p. 608.

cylocoroides, Reuter, l. c., p. 31.

Hab. S. Russia, Tauria.

Genus **GRYPOCORIS.**

Douglas & Scott, Ent. Mon. Mag., v, 1868, p. 116; Walker, Cat. Het., vi, p. 70.

Fieberl, Douglas & Scott, l. c. *supra*, p. 117; Walk., l. c. *supra*.

Hab. Syria.

Genus **BRACHYCOLEUS.**

Fieber, Crit., 1859, 23, t. 6, f. 5; Eur. Hem., p. 56, 250; Reut., Bih. Vet.-Aka., Handl., iii (i), 1875, p. 15; Walk., Cat. Het., vi, p. 71.

bimaculatus, Rambur, Faun. Andal., 1842, p. 160; Fieb., Eur. Hem., p. 252; Walk. Cat. Het., vi, p. 71.

cruentatus, Ferris, Ann. Soc. Linn. Lyon, iv, 1857, p. 167.

Hab. France, Spain, Italy [Atk., Amiens, France].

lineellus, Jakowleff, Rev. Mens. d' Ent., 1884, p. 122.

Hab. Persia, Ordubat.

scriptus (*Lygaeus*), Fabr., Syst. Rhyng., 1808, p. 294 (*nec* Ent. Syst., iv, p. 182); Herr. Schöff., Wanz. Ins., iii, p. 76, t. 97, f. 294; Fieber (*Brachycoleus*), Crit. 17; Eur. Hem., p. 251; Kirschb., Rhyn. Wiesb., p. 219, sp. 57, p. 343; Walk., Cat. Het., vi, p. 71; Reuter, Rev. Syn. Het., p. 266; Fedtsch. Turk., p. 7.

var. *decolor*, Reuter, Fedtsch. Turk., 1887, p. 7.

Hab. N. W. Siberia [Atk., Hungary].

sexvittatus, Reuter, Deutsche Ent. Zeits., xxi, 1877, p. 32.

Hab. Spain, Italy, Algeria.

Steinii, Reuter, l. c. p. 32.

scriptus, Kolenati, Mel. Ent., ii, 1845, p. 115 (nec Fabr.).

Hab. Greece, Italy, Hungary, Russia.

Genus **ONCOGNATHUS.**

Fieber, Crit. Gen. Phyt., 1859, 15; Eur. Hem., p. 63, 246; Reuter, Rev. Caps. p. 56.

Stenotus, Jakowleff, Bull. Mosc., lii (2), 1877, p. 288.

binotatus (*Lygaeus*), Fabr., Ent. Syst., iv, 1794, p. 172; *id.*, Syst. Rhyng., p. 235: Fallen, Mon. Cim., p. 75; *id.*, Hem. Suec., p. 78: Herr. Schöff., Wanz. Ins., iii, p. 77, t. 98, f. 296: Meyer, Rhyn. Schw., p. 92: Costa, Cim. Regn. Neap., Cent., iii, p. 261: Kirschb., Rhyn. Wiesb., p. 291, sp. 56: Flor, Rhyn. Liv., i, p. 499: Fieber, Crit., 1859, 15; *id.*, Eur. Hem., p. 247: Dougl. & Scott, Brit. Hem., p. 323: Thomson, Opusc. Ent., iv, p. 422: Walk., Cat. Het., vi, p. 68: Saund., Syn. p. 266: Jakowleff (*Stenotus*), Bull. Mosc., lii (2), 1877, p. 288, ♂: Lethierry, Ann. Mus. Civ. Gen., xviii, 1883, p. 749: Reuter, Rev. Caps., p. 55: Berlin. Ent. Zeits., xxix, 1885, p. 85; Rev. Syn. Het., p. 266: Uhler, List, p. 18.

Paykulli, Turton, Syst. Nat., ii, 1806, p. 609.

sareptanus, Jakowleff, Bull. Mosc., lii (2), 1877, p. 289, ♂.

Hab. All Europe; Abyssinia, Shoa, N. America [*Atk.*, Lille, Hungary].

Genus **EURYCYRTUS.**

Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 33; Zool. Jahr., 1879, p. 508.

Bellevoeyi, Reuter, l. c., p. 34.

Hab. Egypt.

Genus **DICHOOSCYTUS.**

Fieber, Crit. Gen., 1859, g. 36: Eur. Hem., p. 67, 269.

Dicrooscytus, Reuter, Bih. Vet.-Aka., Handl., iii (i), 1875, p. 15; Rev. Caps., p. 58.

intermedius, Reuter, C. B. Ent. Belg., 1885, p. xlii.

Hab. Germany, Roumania.

rufipennis (*Lygaeus*), Fallen, Mon. Cim. 1807, p. 84; *id.*, Hem. Suec., p. 92: Zett. Ins. Lapp., p. 274: Herr. Schöff. (*Capsus*), Wanz. Ins., vi, 1842, p. 50, t. 197, f. 610: F. Sahlb., Geoc. Fenn., p. 105; Kirschb., Rhyn. Wiesb., p. 215, sp. 48: Fieber (*Dichrooscytus*), Crit., 1859, 21; *id.*, Eur. Hem., p. 270: Flor, Rhyn. Liv., i, p. 489: Dougl. & Scott, Brit. Hem., p. 478: Walk., Cat. Het., vi, p. 80: Saund., Syn., p. 237: Thomson, Opusc. Ent., iv, p. 422: Reuter, Rev. Caps., p. 58; *id.*, Rev. Syn. Het., p. 267.

? *apparitor*, Vill., Ent. Auct., 1789, p. 535.

Hab. Nearly all Europe [*Atk.*, Vosges, France].

valesianus (Meyer), Fieber, Eur. Hem., 1861, p. 270: Walk., Cat. Het., vi, p. 80.

Hab. France, Germany, Greece, Tunis.

Genus **PLESIOCORIS.**

Fieber, Eur. Hem., 1861, p. 272 : Walk., Cat. Het., vi, p. 81 ; Reuter, Bih. Vet.-Aka., Handl., iii (i), 1875, p. 15 ; *id.*, Rev. Caps., p. 59.

Tylonotus, Fieber, Crit. Phyt., 1859, 41 ; *id.*, Eur. Hem., p. 68.

rugicollis (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 79 : Herr. Schöff., Wanz. Ins., iii, p. 80, t. 98, f. 299 : F. Sahlb., Geoc. Fenn., p. 102 : Kirschb., Rhyn. Wiesb., p. 342, sp. 55a : Flor, Rhyn. Liv, i, p. 537 : Thoms., Op. Ent., iv, p. 422 : Fieber (*Plesiocoris*), Eur. Hem., p. 272 : Walk., Cat. Het., vi, p. 81 : Saund., Syn., p. 274 ; Reuter, Rev. Caps., p. 59.

marginatus, Zett., Ins. Lapp., 1840, p. 272.

Hab. Scandinavia, Germany, Switzerland.

Genus **LYGUS.**

Hahn, Wanz. Ins., i, 1831, p. 147 : Fieber, Eur. Hem., p. 68, 272 : Walker, Cat. Het., vi, p. 81 : Reuter, Rev. Caps., p. 61.

Lygocoris, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 16 ; Rev. Caps., p. 61.

Orthops, Fieber, Wien. Ent. Monats., ii, 1858, p. 311 ; Eur. Hem., p. 68, 278 : Dougl. & Scott, Brit. Hem., p. 451 : Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 18 ; Rev. Caps., p. 73.

adustus, Jakowleff, Bull. Mosc., li (3), 1876, p. 117.

Hab. Siberia, Ussuri.

apicalis, Fieber, Eur. Hem., 1861, p. 275 : Walk., Cat. Het., vi, p. 83.

Putoni, Meyer Dur, MT. Schw. Ent. Ges., iii, 1870, p. 207 : Walk., Cat. Het., vi, p. 84.

Hab. Spain, S. France.

annexus, Uhler, Hayden Mont. Surv., 1872, p. 413 ; Wheeler, Rep. Geogr. Expl. Un. St., V. Zool., 1875, p. 839, t. 42, f. 10 ; Bull. Un. St. Surv., ii, 1876, p. 318 ; *id.*, iii, 1877, p. 415 ; List, p. 18.

Hab. Colorado to Minnesota.

approximatus, Stål, Stettin Ent. Zeit., xix, 1858, p. 185, ♀ : Walk., Cat. Het., vi, p. 89 : Uhler, List, p. 18.

Hab. Sitka.

atomarius (*Capsus*), Meyer, Rhyn. Schw., 1843, p. 73, t. 4, f. 3 : Fieber (*Hadrodema*), Eur. Hem., p. 277, 392 : Walk., Cat. Het., vi, p. 82 : Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 16.

Hab. Spain, France, Switzerland.

aurantiacus, Snell v. Voll., Ent. Tijds., xix, 1876, p. 104.

Hab. Holland.

basicornis (*Derasocoris*), Stål, Rio. Jan. Hem., i, 1858, p. 52 : Walk., Cat. Het., vi, p. 104.

Hab. Rio Janeiro.

Belfragii, Reuter, Caps. Amer., 1875, p. 71 : Uhler, List, p. 18.

Hab. New York.

- bengalicus**, Reuter, Ent. Tidskr., v, 1884, p. 195.
Hab. Bengal.
- bicinctus** (*Capsus*), Walker, Cat. Het., vi, 1873, p. 100 : Uhler, List, p. 21.
Hab. Mexico, Oajaca.
- Bolivarii**, Chicote, Anal. Soc. Esp. N. H., 1881, p. 2.
Hab. Spain.
- bonariensis** (*Capsus*), Stål, Freg. Eng. Resa, 1859, p. 256 : Walk., Cat. Het., vi, p. 105 ; Berg, Hem. Arg., 1879, p. 121 ; *id.*, Add. Emend., 1884, p. 75.
Hab. Buenos Ayres.
- † **brachyonemis**, Reuter, C. R. Ent. Belg., 1885, p. xliii.
Hab. Algeria.
- brunneus**, Provancher, Nat. Can., iv, 1872, p. 104 : Uhler, List, p. 18.
Hab. Canada.
- caligatus** (*Deraeocoris*), Stål, Rio. Jan. Hem., i, 1858, p. 50 : Walk., Cat. Het., vi, p. 103.
Hab. Rio Janeiro.
- cincticornis** (*Deraeocoris*), Stål, *l. c.*, p. 52 : Walk., Cat. Het., vi, p. 105.
Hab. Rio Janeiro.
- clarus** (*Deraeocoris*), Stål, *l. c.*, p. 53 : Walk., *l. c.*, p. 105.
Hab. Rio Janeiro.
- cribratus** (*Deraeocoris*), Stål, *l. c.*, p. 50 : Walk., *l. c.*, p. 104.
Hab. Rio Janeiro.
- cribricollis** (*Deraeocoris*), Stål, *l. c.*, p. 48 : Walk., *l. c.*, p. 103.
Hab. Rio Janeiro.
- cribrosus** (*Deraeocoris*), Stål, *l. c.*, p. 51 : Walk., *l. c.*, p. 104.
Hab. Rio Janeiro.
- campestris** (*Cimex*), Linn., Syst. Nat., (*ed.* 10), 1758, p. 448 (*nec. Auct.*) : Geoffroy in Fourcr., Ent. Par., p. 205 : Rossi, Faun. Etrusc., p. 247 : Fabr., Ent. Syst., iv, p. 171, ? ; *id.*, Syst. Rhyng. p. 234 (*nec* Fallen) : Reuter, Rev. Syn. Het., p. 271.
lucidus, Kirschb., Rhyn. Wiesb., 1855, p. 228, sp. 71, p. 291.
pastinacae, Fallen, Mon. Cim., 1807, p. 86 ; *id.*, Hem. Suec., p. 94 : F. Sahlb., Geoc. Fenn., p. 113 : Flor, Rhyn. Liv., i, p. 523 : Fieb., Eur. Hem., p. 279 : Dougl. & Scott, Brit. Hem., p. 455 : Walk., Cat. Het., vi, p. 85 : Saund., Syn., p. 276.
transversalis, Fabr., Mant. Ins., 1787, p. 304 : Reuter, Rev. Caps., p. 75.
transversus, Thomson, Opusc. Ent. iv, 1871, p. 427.
Hab. All Europe [*Atk.*, Lille].
- Carolinæ**, Reuter, Caps. Amer., 1875, p. 71 : Uhler, List, p. 18.
Hab. Carolina, S. United States.
- caucasicus**, Jakowloff, Trudi. Ent. Ross., xii, 1880, p. 125.
Hab. Caucasus.
- cervinus** (*Capsus*), Herr. Schöff., Wanz., Ins., vi, 1842, p. 57, t. 199, f. 617 : Meyer, Rhyn., Schw. 1843, p. 103 : Kirschb., Rhyn. Wiesb., p. 222, sp. 60 : Fieber, Eur.

- Hem., p. 279: Dougl. & Scott, Brit. Hem., p. 454: Saund., Syn., p. 277: Walk., Cat. Het., vi, p. 86: Reuter, Caps. Syn., p. 12; *id.*, Rev. Caps. p. 64.
lucorum, Bohem., Nya Svenska Hem., 1852, p. 67: Flor, Rhyn. Liv., i, p. 524 (*nec* Thoms.): Walk., Cat. Het., vi, p. 83.
 Hab. Scandinavia, Britain, Middle Europe.
- oetratus*, Berg, Hem. Arg., Add. Emend., 1884, p. 74.
 Hab. Uruguay.
- Championii*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 273.
 Hab. Guatemala, Quezaltenango.
- P. chlorionis* (*Capsus*), Say; Uhler, List, p. 18.
 Hab. United States.
- chloris*, Fieber, Crit. Phyt., 1859, sp. 8; Eur. Hem., p. 276: Walk., Cat. Het., vi, p. 84.
 Hab. Germany, Hungary, Russia.
- conspurcatus*, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 18: Reut. Ferr., Ann. Mus. Civ. Gen., (2 s.) i, 1884, p. 478, ♀.
 Hab. Algeria, Biskra.
- contaminatus* (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 97: Zett., Ins. Lapp., p. 272: F. Sahlb., Geoc. Fenn., p. 102: Fieber (*Lygus*), Eur. Hem., p. 274: Walk., Cat. Het., vi, p. 83: Saund., Syn., p. 275: Reut., Caps. Syn., p. 9; Rev. Caps., p. 65: Uhler, List, p. 18.
viridis, Flor, Rhyn. Livl., i, 1860, p. 581, pt.
sulcifrons, Douglas & Scott, Brit. Hem., 1865, p. 459 (*nec* Kirschh., excl. syn.).
 Hab. All Europe, N. America [Atk., Lille].
- convexicollis*, Reuter, Caps. Amer., 1875, p. 72: Uhler, List, p. 18.
 Hab. California.
- cristatus*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 274, t. 23, f. 10: Uhler, List, p. 18.
 Hab. Mexico; Guatemala, San Geronimo; Panama.
- Dahlbomii* (*Derasocoris*), Stål, Rio Jan. Hem., i, 1858, p. 52: Walk., Cat. Het., vi, p. 104.
 Hab. Rio Janeiro.
- dilatatus* (*Derasocoris*), Stål, Rio Jan. Hem., i, 1858, p. 52: Walk., Cat. Het., vi, p. 104.
 Hab. Rio Janeiro.
- diallocatus* (*Capsus*), Say, Hem. Het., New Harm. Ind., 1831, 21, 6; Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 406.
lugubris, Say, Ms. ♀; *trifidus*, Say Ms. ♂.
 Hab. E. United States, Canada.
- distinguendus*, Reuter, Pet. Nouv. Ent. No. 136, 1875, p. 541.
 Hab. E. Siberia.
- dorsalis*, Provancher, Nat. Can., iv, 1872, p. 104: Uhler, List, p. 18.
 Hab. Canada.

- elegantulus*, Jakowleff, Trudi. Ent. Ross. xii, 1880, p. 123.
Hab. Caucasus.
- fasciatus*, Reuter, Caps. Amer., 1875, p. 72; Uhler, List, p. 18.
Hab. S. Carolina.
- fatuus*, Lethierry, Ann. Mus. Civ. Gen., xviii, 1883, p. 749.
Hab. Abyssinia, Shoa.
- flavovirens* (Meyer), Fieber, Eur. Hem., 1861, p. 276; Reuter, Rev. Caps., p. 62, Walk., Cat. Het., vi, p. 84.
Hab. Scandinavia, Germany, Switzerland, France, Italy.
- Forelli* (Meyer), Fieber, Weit. Beitr., 1831, sp. 9; Eur. Hem., p. 279; Walker, Cat. Het., vi, p. 85.
- fratruelis*, Berg, Hem. Arg., 1879, p. 289.
Hab. Buenos Ayres.
- fraudans* (*Derasocoris*), Stål, Rio Jan. Hem., i, 1858, p. 52; Walk., Cat. Het., vi, p. 104.
Hab. Rio Janeiro.
- fraudulentus* (*Derasocoris*), Stål, l. c., p. 49; Walker, Cat. Het., vi, p. 103; Berg Hem. Arg., 1879, p. 120; *id.*, Add. Emend., 1884, p. 73.
Hab. Buenos Ayres.
- fuscomaculatus* (*Derasocoris*), Stål, l. c. *supra*, p. 49; Walk., Cat. Het., vi, p. 103.
Hab. Rio Janeiro.
- fuscus*, Provancher, Nat. Can., iv, 1872, p. 105; Uhler, List, p. 18.
Hab. Canada.
- innotatus*, Reuter, Notis. Skpts Pro. F. Fl. Fenn., 1871, p. 322; *id.*, Bih. Vet.-Aka., Handl., iii (i), p. 17; *id.*, Rev. Caps., p. 65.
Hab. Siberia.
- insignis* (*Derasocoris*), Stål, Rio Jan. Hem., i, 1858, p. 35; Walk., Cat. Het., vi, p. 105.
Hab. Rio Janeiro.
- inspersus*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 274, t. 23, f. 8; Uhler, List p. 18.
Hab. Mexico.
- invitus* (*Capsus*), Say, Het. New Harm., 1831 No. 21; Uhler, Proc. Bost. Soc., xix, 1878, p. 407; List, p. 18; Forbes, Rep. Ill., xxii, 1884, p. 110, t. 12, f. 1.
Hab. E. United States.
- Kalmii* (*Cimes*), Linn., Syst. Nat., (ed. 10), 1758, p. 448; Zett., Fauna Lapp., p. 491; *id.*, Ins. Lapp., p. 274; Meyer, Rhyn. Schw., p. 105; Kolenati, Mel. Ent., ii, p. 122; F. Sahlb., Geoc. Fenn., p. 112; Costa, Cim. Regn. Neap., Cent., iii, p. 38; Kirschb., Rhyn. Wiesb., p. 278, sp. 68; Flor, Rhyn. Liv., i, p. 521; Fieber, Eur. Hem., p. 280; Dougl. & Scott, Brit. Hem., p. 452; Walk., Cat. Het., vi, p. 86; Saund., Syn., p. 276; Reuter, Rev. Caps., p. 74; *id.*, Rev. Syn. Het., p. 272.
bifasciatus, Var. B. Schrank, En. Ins., Austr., 1781, p. 281.
? *Daldorfii*, Gmelin, Syst. Nat., iv, 1788, p. 2178.

- P gramineus*, Fabr., Ent. Syst. Supp., 1798, p. 542; *id.*, Syst. Rhyng., p. 243: Latreille, Hist. Nat., xii, 1804, p. 231.
pauperatus, Herr. Schöff., Wanz., Ins., iv, 1839, p. 31, t. 120, f. 382.
pratensis, var. 1, Scopoli, Ent. Carn., 1763, p. 135.
P ribis, Schrank, Fauna Boica, 1801, p. 91.
P varius, Fabr., Mant. Ins., 1787, p. 306; *id.*, Syst. Rhyng., p. 247.
var. *flavovarius*, Fabr., Ent. Syst., iv, 1794, p. 178; *id.*, Syst. Rhyng., p. 243: Latreille, Hist. Nat., xii, 1804, p. 230: Fallen, Mon. Cim., p. 86; *id.*, Hem. Suec., p. 93: Hahn, Wanz. Ins., i, p. 211, t. 34, f. 109: Burm., Handb. Ent., ii (i), p. 272: Fieb., Eur. Hem., p. 280: Stål, Hem. Fabr., i, p. 88: Walk., Cat. Het., vi, p. 86.
basalis, Costa, Cim. Regn. Neap., Cent. iii, 1852, p. 38.
Hab. All Europe, Turkistan [*Atk.*, Turin, Lille, Hungary].
- lenticulosus* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 51: Walk., Cat. Het., vi, p. 104.
Hab. Rio Janeiro.
- limbatus* (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 92: Hahn (*Lygus*), Wanz. Ins., i, 1831, p. 152, t. 23, f. 77: Meyer (*Capsus*), Rhyn. Schw., p. 47: F. Sahlb., Geoc. Fenn., p. 106: Kirschb., Rhyn. Wiesb., p. 344, sp. 66a: Flor, Rhyn. Liv., i, p. 528, pt.; ii, p. 609: Thomson, Opusc. Ent., iv, 1871, p. 424: Fieber, Eur. Hem., p. 274: Walker, Cat. Het., vi, p. 82: Reuter, Bih. Vet.-Åka. Handl., iii (i), p. 17; *id.*, Rev. Caps. p. 67.
Hab. Nearly all Europe.
- lucorum* (*Capsus*), Meyer, Rhyn. Schw., 1843, p. 46, t. 6, f. 2: Fieb., Eur. Hem., p. 275: Dougl. & Scott, Brit. Hem., p. 458: Walker, Cat. Het., vi, p. 83: Saund., Syn., p. 275: Reuter, Caps. Syn., p. 11, pt; *id.*, Rev. Caps., p. 68: Uhler List, p. 18.
bipunctatus, Sahlb., teste Puton, Cat., 1886, p. 50.
contaminatus, Kirschb., Rhyn. Wiesb., 1855, p. 344, sp. 66: Flor, Rhyn. Liv., ii, p. 612: Thomson, Opusc. Ent., vi, p. 425 (*nec* Fallen).
P declivis, Scholtz, Arb. u. Veränd. d. Schles. Ges., 1846, p. 69.
pabulinus, F. Sahlb., Mon. Geoc., 1848, p. 101 (*nec* Linn.).
var. *nigrinasutus*, Reuter, Rev. Caps., p. 69 (*nec* Stål).
Hab. N. & Middle Europe, N. America [*Atk.*, Lille].
- luctuosus* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 50: Walk., Cat. Het., vi, p. 104.
Hab. Rio Janeiro.
- monachus*, Uhler, Can. Ent., xviii, 1886, p. 208: Bull. Un. St. Dep. Agric., xiii, 1887, p. 68.
Hab. Canada.
- montanus*, Schill., Arb. u. Veränd. d. Schles. Ges. 1836: Scholtz *l. c.*, 1846, p. 33: Fieb., Eur. Hem., p. 279: Walk., Cat. Het., vi, p. 85: Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 176.
cervinus, Thoms., Op. Ent., iv, 1871, p. 426 (*nec* Herr. Schöff.).
fasciatus, Meyer, Stettin. Ent. Zeit., 1841, p. 86; Rhyn. Schw., p. 101, t. 5, f. 5: ? Herr. Schöff., Wanz. Ins., vi, 1842, p. 99, t. 212, f. 671.
Hab. Germany, Switzerland, France, Spain, Scandinavia.

mutans, Stål, Stettin. Ent. Zeit., xix, 1858, p. 186 : J. Sahlb., Vet. Aka., Handl., xvi (4), 1878, p. 26 : Walk., Cat. Het., vi, p. 89.

Hab. Siberia, Irkutsk.

nigrinasutus, Stål, Stettin. Ent. Zeit., xix, 1858, p. 184, ♀ : Walk., Cat. Het., vi, p. 84.

Hab. Siberia, Irkutsk.

nobilitatus (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 48 : Walk., Cat. Het., vi, p. 103 : Berg, Hem. Arg., 1879, p. 122.

Hab. Rio Janeiro.

obtusus, Reuter, Ent. Tijds., v, 1884, p. 196.

Hab. Bengal.

pabulinus (*Cimex*), Linn., Faun. Suec., 1761, p. 253 : Fabr., Gen. Ins., 1776, p. 301 ; *id.*, Syst. Rhyng., p. 254 : Fallen, Mon. Cim., p. 75 ; *id.*, Hem. Suec., p. 79 : Zett., Faun. Lapp., p. 468 ; *id.*, Ins. Lapp., p. 272 : Hahn, Wanz. Ins., i, p. 148, t. 23, f. 74 : F. Sahlb., Geoc. Fenn., p. 101 : Costa, Cim. Regn. Neap., Cent. iii, p. 260 : Kirschb., Rhyn. Wiesb., p. 217, sp. 52 : Flor, Rhyn. Liv., i, p. 607 : Fieber, Eur. Hem., p. 276 : Dougl. & Scott, Brit. Hem., p. 457 : Walk., Cat. Het., vi, p. 83 : Saund., Syn., p. 275 : Reuter, Rev. Caps., p. 61 ; *id.*, Rev. Syn. Het., p. 267 : Uhler, List, p. 18.

♀ *aeruginus*, Geoffr. in Fourcr., Ent. Par., 1785, p. 208, pt.

affinis, Meyer, Rhyn. Schw., 1843, p. 48, t. 1, f. 5 (*nec* Herr. Schöff.).

hortorum, Tigny, Hist. Nat. Ins., iv, 1813, p. 287.

nigrophthalmus, Retzius, De Geer, Gen. & Spec., 1783, p. 87.

Hab. All Europe : N. America [*Atk.*, Lille].

pachynemis, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 200 : Fedtsch. Turk., p. 8.

Hab. Turkistan.

pellucidus, Fieber, Crit., 1859, 10 ; Eur. Hem., p. 279 : Walk., Cat. Het., vi, p. 86 : Reut., Rev. Caps., p. 75.

Hab. Switzerland, France, Scandinavia.

pilosulus (*Orthops*), Jakowleff, Trudi Russki Ent., x, 1876-77, p. 93.

Hab. N. Persia.

prasinus, Reuter, Caps. Amer., 1875, 9, p. 72 : Uhler, List, p. 18.

Hab. Texas.

pratensis (*Cimex*), Linn., Syst. Nat. (*ed.* 10), 1758, p. 448 : Fabr., Syst. Ent., 1775, p. 724 : Geoffroy in Fourcr., Ent. Paris., p. 205 : Rossi, Faun. Etrusc., ii, p. 246 : Fallen, Mon. Cim., p. 83 ; *id.*, Hem. Suec., p. 90 : Hahn, Wanz. Ins., i, p. 217, t. 35, f. 112 : Zett., Faun. Lapp., p. 489 ; *id.*, Ins. Lapp., p. 273 : Burm., Handb. Ent., ii (i), p. 272 : Meyer, Rhyn. Schw., p. 99 : Kolenati, Mel. Ent., ii, p. 119 : F. Sahlb., Geoc. Fenn., p. 111 : Kirschb., Rhyn. Wiesb., p. 224, sp. 64, p. 271 : Flor, Rhyn. Liv., i, p. 517 : Fieber, Eur. Hem., p. 273 : Dougl. & Scott, Brit. Hem., p. 464 : Walk., Cat. Het., vi, p. 82 : Saund., Syn., p. 276 : Reuter, Caps. Syn., p. 8 ; *id.*, Rev. Caps., p. 70-72, pt ; Caps. Amer., p. 72 ; Rev. Syn. Het., p. 269 : Distant, Biol. Centr. Amer. Rhyn., p. 272, t. 23, f. 4, 6, 7, 16 : Uhler, List, p. 18.

- artemisiae*, Schill., Ber. Vat. Ges. Schles., 1836, p. 83.
diffusus, Uhler, Hayden Mont. Surv., 1872, p. 413.
lineolaris, Pal. Beauv., Ins. Afric. Amer., 1805-21, p. 187, t. 11, f. 7: Uhler, Hayden Surv. Mont., 1872, p. 413; Bull. Un. St. Surv., ii, 1876, p. 318; iii, 1877, p. 415; Proc. Bost. Soc. N. H., xix, 1878, p. 407: Walker, Cat. Het., vi, p. 91, See also Forbes, Rep. Illin., xxii, p. 115, t. 11-18; *id.* xiv, l. c., p. 77: Glover, Rep. Agric. Un. St. for 1875, p. 126, f. 34; Rep. Ent. Un. St. for 1884, p. 312, 391, t. 4, f. 3, 4 a-d.
oblineatus, Say, Het. New Harm. Ind., 1831, 21, 7: Walsh, Proc. Bost. Soc. N. H., ix, p. 313 [Atk. E. Florida].
redimitus, Uhler, Hayden, Mont. Surv., 1872, p. 413.
? rubecula, Goeze, Ent. Beytr., ii, 1778, p. 279.
umbellatarum, Scop., Ent. Carn., 1763, p. 133: Panzer, Faun. Germ., 93, 1805, f. 19.
? viridulus, Panzer, Schäff. Icones, 1804, p. 120.
var. alpinus, Kolenati, Mel. Ent., ii, 1845, p. 120.
var. campestris, Fallen, Mon. Cim., 1807, p. 83; *id.*, Hem. Suec., p. 91: Zett., Faun. Lapp., p. 489; *id.*, Ins. Lapp., p. 273: Hahn, Wanz. Ins., i, p. 218, t. 35, f. 113: Kolenati, Mel. Ent., ii, p. 118: F. Sahlb., Geoc. Fenn., p. 111: Kirschb., Rhyn. Wiesb., p. 225, sp. 65: Fieb., Eur. Hem., p. 273: Dougl. & Scott, Brit. Hem., p. 463: Reuter, Rev. Caps., p. 72, pt.
var. gemellatus, Herr. Schäff., Wanz. Ins., iii, 1835, p. 81, t. 99, f. 301: Kirschb., Rhyn. Wiesb., p. 224 sp. 63, p. 272: Reuter, Rev. Caps., p. 71.
adpersus, Schill. Ber. Vat. Ges. Schles., 1836, p. 83.
var. punctatus, Zett., Ins. Lapp., 1840, p. 273: F. Sahlb., Mon. Geoc., 1848, p. 110: Kolenati, Mel. Ent., ii, p. 118; Reuter, Rev. Caps., p. 71.
Hab. All Europe, Turkistan, N. Asia, Canada, United States, Mexico, Guatemala [Atk., Genoa, Lille, Hungary, United States, E. Florida].
purgatus (*Deraocoris*), Stål, Rio Jan. Hem., i, 1858, p. 51: Walk., Cat. Het., vi, p. 104.
Hab. Rio Janeiro.
rhamnicola, Reuter, Medd. Soc. Fenn., xi, 1885, p. 164.
limbatus, var. d, J. Sahlb.
Hab. Siberia, Finland.
rubricatus (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 100: Zett., Ins. Lapp., p. 275: Hahn (*Lygus*), Wanz. Ins., i, p. 156, t. 24, f. 80: F. Sahlb., Geoc. Fenn., p. 106: Kirschb., Rhyn. Wiesb., p. 342, sp. 55, p. 271: Flor, Rhyn. Liv., i, p. 526: Fieber, Eur. Hem., p. 274, 392: Dougl. & Scott., Brit. Hem., p. 462: Thomson, Opusc. Ent., iv, p. 21: Walk., Cat. Het., vi, p. 52: Saund., Syn., p. 277: Reuter, Caps. Syn., p. 8, pt.; *id.*, Rev. Caps., p. 63.
rubicundus, Meyer, Rhyn. Schw., 1843, p. 72 (*nec* Fallen).
Hab. N. & Middle Europe [Atk., Vosges, France].
rufinervis, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 34.
Hab. S. France, Algeria.
rutilans, Horvath, Rev. d' Ent., vii, 1886, p. 181.
Hab. Tyrol.

- Sallei*, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 321, ♀ : Walk., Cat. Het., vi, p. 99 : Distant, Biol. Centr. Amer., Rhyn. p. 273, t. 23, f. 2, 3, var : Uhler, List, p. 18.
Hab. Mexico, S. United States.
- sanguinolentus*, Reuter, Ofvers. Finska Soc., Förh. xxi, 1879, p. 200 : Fedtsch. Turk., p. 10.
Hab. Turkistan.
- scitulus*, Walker, Cat. Het., vi, 1873, p. 99.
Hab. Mexico, Oajaca.
- scutellatus*, Uhler, Bull. Un. St. Surv., iii, 1877, p. 420 ; (*Orthops*) List, p. 19 : *nec* Distant, Biol. Centr. Amer., 1884, p. 274, t. 23, f. 9, & var. f. 18, which should be renamed *Distanti*. Hab. Mexico, Guatemala.
Hab. Colorado.
- semilotus* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 50 : Walk., Cat. Het., vi, p. 103.
Hab. Rio Janeiro.
- semiochraceus* (*Deraeocoris*), Stål, *l. c. supra*, p. 49 : Walk., Cat. Het., vi, p. 103.
Hab. Rio Janeiro.
- Spinolae*, Meyer, Stettin. Ent. Zeit., ii, 1841, p. 86 ; *id.*, Rhyn. Schw., p. 45, t. 1, f. 2 : Fieber, Eur. Hem., p. 275 : Walk., Cat. Het., vi, p. 83 : Saund., Syn., p. 275 : Reuter, Rev. Caps., p. 69.
Hab. Scandinavia, Switzerland.
- sticticoillis* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 51 : Walker, Cat. Het., vi, p. 104.
Hab. Rio Janeiro.
- sticticus* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 51 : Walk., Cat. Het., vi, p. 104.
Hab. Rio Janeiro.
- sulcifrons* (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 290 sp. 7, 343.
Hab. Germany.
- taotus*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 273, t. 26, f. 9.
Hab. Guatemala, Cerro Zunil.
- tenellus*, Uhler, List, 1886, p. 18 (*ined. ?*).
Hab. S. United States.
- testaceipes* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 50 : Walk., Cat. Het., vi, p. 103.
Hab. Rio Janeiro.
- tribullis*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 273, t. 26, f. 10.
Hab. Guatemala, Cerro Zunil.
- unicolor*, Provancher, Nat. Can., iv, 1872, p. 105 : Uhler, List, p. 18.
Hab. Canada.
- uruguayensis*, Berg, Hem. Arg., 1879, p. 120 ; Add. Emend., 1884, p. 74.
Hab. Uruguay.

- vinaceus*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 273, t. 26, f. 11.
Hab. Guatemala.
- viridicans* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 49: Walk., Cat. Het., vi, p. 103.
Hab. Rio Janeiro.
- viscicola*, Puton, Rev. d' Ent., viii, 1888, p. 365.
Hab. France.
- viridis* (*Lygaeus*), Fallen, Mon. Cim., 1807, p. 85: *id.*, Hem. Suec., p. 98: F. Sahlb., Geoc. Fenn., p. 106: Flor, Rhyn. Liv., i, p. 532 pt: Saund., Syn., 654, 2a; Renter, Caps. Syn., p. 10; Rev. Caps., p. 66; Rev. Syn. Het., p. 268.
commutatus, Fieb., Eur. Hem., 1861, p. 274; Walk., Cat. Het., vi, p. 83.
contaminatus, Dougl. & Scott, Brit. Hem., 1865, p. 461.
? *fuscocomaculatus*, Goeze, Ent. Beytr., ii, 1778, p. 267.
? *obfuscatus*, Gmelin, Syst. Nat., iv, 1788, p. 2185.
sulcifrons, Thomson, Op. Ent., iv, 1871, p. 425 (*nec* Kirschb.).
? *viridescens*, Geoffr., Fourc. Ent. Par., 1785, p. 207.
Hab. N. & Middle Europe.
- vitreus* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 52: Walk., Cat. Het., vi, p. 105.
Hab. Rio Janeiro.
- vitticollis*, Renter, Caps. Amer., 1875, p. 71: Uhler, List, p. 18.
Hab. Texas.
- wittiscutis* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 48: Walk., Cat. Het., vi, p. 103; Berg, Hem. Arg., 1879, p. 121; Add. Emend., 1884, p. 74.
Hab. Rio Janeiro.
- Wallengrenii* (*Deraeocoris*), Stål, l. c., p. 48: Walk., Cat. Het., vi, p. 103.
Hab. Rio Janeiro.

Genus ZYGIMUS.

- Fieber, Verh. Zool. Bot. Ges. Wien., xx, 1870, p. 249, t. 6: Rent., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 19: Walker, Cat. Het., vi, p. 85, 88.
Hadrodema, Fieber, Eur. Hem., p. 68, 277: Rent., Rev. Caps., p. 76.
- nigriceps* (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 104: Fieb., Verh. Zool. Bot. Ges. Wien, xx, 1870, p. 250, t. 6, f. 7: Walk., Cat. Het., vi, p. 88: Renter, Caps. Syn., p. 12; Rev. Caps., p. 77.
Hab. Scandinavia.
- parvulus*, Renter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 35.
Hab. Algeria.
- pinastri* (*Lygaeus*), Fallen, Mon. Cim., 1807, p. 95; *id.* (*Phytocoris*), Hem. Suec., p. 112: Zett., Faun. Lapp., p. 495, *id.*, Ins. Lapp., p. 277: Hahn, Wanz. Ins., ii, p. 87, t. 57, f. 173: F. Sahlb., Geoc. Fenn., p. 118: Kirschb., Rhyn. Wiesb., p. 214, sp. 47: Flor, Rhyn. Liv., i, p. 536: (*Hadrodema*) Fieb., Eur. Hem., p. 278: Walker, Cat. Het., vi, p. 85: Saund., Syn., p. 274: Renter, Rev. Caps., p. 77; Ent. Mon. Mag., xvi, 1879, p. 12; *id.*, Rev. Syn. Het., p. 274.
? *aequalis*, Vill., Ent. auct., 1789, p. 529.

- var. *maculicollis*, Muls. & Rey, Ann. Soc. Linn. Lyon, 1852, p. 140.
 „ *melanaspis*, Muls. & Rey, l. c., p. 144.
 Hab. Nearly all Europe [Atk., Lille].

Genus **LYGIDEA.**

- Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 54; Zool. Jahr., 1879, p. 508.
illota, Stål, Stettin. Ent. Zeit., xix, 1858, p. 184, ♀: Walk., Cat. Het., vi, p. 89.
 Hab. Siberia, Irkutsk.

Genus **CYPHODEMA.**

- Fieber, Crit. Gen. Phyt., 1859, 40; Eur. Hem., p. 68, 272: Walk., Cat. Het., vi, p. 81: Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 19; Rev. Caps., p. 78.
 subg. *Cyphodema*, Fieb., l. c. *supra*: Reut. Bih., l. c. *supra*, p. 19.
 „ *Agnocoris*, Reuter, l. c., p. 19.
instabilis (*Phytocoris*), Lucas, Expl. Scient. Algerie, iii, 1849, p. 84, t. 3, f. 5.
 Meyer-Duri, Fieber, Crit. sp. 5.; Eur. Hem., 1861, p. 272: Walk., Cat. Het., vi, p. 81.
tritaenia, Amyot, Mon. sp. 246: Costa, Cim. Regn. Neap. Cent., iii, 1852.
 Hab. Corsica, Algeria, Tunis [Atk., Genoa].
mendosa, Montandon, Rev. d' Ent., vi, 1887, p. 66.
 Hab. Herzegovina.
Oberthuri, Paton, Bull. Soc. Ent. Fr., (5 s.) v, 1875, p. clvi.
 Hab. Algeria.
rubicunda (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 92: Zett., Ins. Lapp., p. 273: Kolenati, Mel. Ent., ii, p. 124: F. Sahlb. (*Capsus*), Geoc. Fenn., p. 111: Kirschb., Rhyn. Wiesb., p. 228, sp. 72, p. 273: Flor, Rhyn. Liv., i, p. 534: Fieber (*Hadrodema*), Eur. Hem., p. 278: Walk., Cat. Het., vi, p. 85: Reuter (*Cyphodema*), Rev. Caps., p. 79.
rubricatus, Hahn, Wanz. Ins., i, 1831, p. 156, t. 24, f. 80: Meyer, Rhyn. Schw., p. 73, (*nec* Fallen).
 Hab. All Europe [Atk., S. France].

Genus **POECILOSCYTUS.**

- Fieber, Crit. Gen., 1859, 9, 43; Eur. Hem., p. 68, 276: Walk., Cat. Het., vi, p. 84:
 Reuter, Bih. Vet.-Aka., Handl., iii (i), p. 19; Rev. Caps., p. 80.
 subg. *Charagochilus*, Fieber, Crit. Gen. Phyt., 1859, 38; Eur. Hem., p. 67, 271:
 Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 20; Rev. Caps., p. 80.
 subg. *Systratiotus*, Dougl. & Scott, Brit. Hem., 1865, p. 442: Walker, Cat. Het., vi, p. 80: Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 20; Caps. Amer., p. 78; Rev. Caps., p. 81.
Polymerus, Hahn, Wanz. Ins. i, 1831, p. 27: Fieber, Eur. Hem., p. 67, 271.
 subg. *Poeciloscytus*, Fieber, l. c. *supra*: Reuter, Bih. l. c. *supra*, p. 19; Rev. Caps., p. 82.
americanus, Reuter, Caps. Amer., 1875, p. 73: (*Systratiotus*) Uhler, List, p. 19.
 Hab. Texas.

- basalis*, Reuter, *l. c.*, p. 73: Uhler, List, p. 19.
sericeus, Uhler, Bull. Un. St. Surv., iii, 1877, p. 422.
 Hab. Quebec to Florida, Texas [*Atk.*, United States].
- brevicornis*, Reuter, *Ofvers. Finaka Soc. Förh.*, xxi, 1879, p. 201: Fedtsch. Turk. p. 12.
 Hab. Germany, Austria, Russia, Turkistan.
- carpathicus*, Horvath, *Termes. Füzet.*, vi, 1882, p. 224.
nigritus, Fieber, *Eur. Hem.*, 1861, p. 391, ♂ (*nec* Fallen).
 Hab. N. Hungary.
- cognatus*, Fieber, *Eur. Hem.*, 1861, p. 277: J. Sahlb., *Vet.-Aka. Handl.*, xvi (4), 1878, p. 27: Walker, *Cat. Het.*, vi, p. 85.
 Hab. S. Europe [*Atk.*, Hungary].
- diffusus*, Uhler, *Hayden Mont. Surv.*, 1872, p. 415; Bull. Un. St. Surv., 1876, p. 318; List, p. 19.
 Hab. W. United States, Utah, Idaho.
- diversipes*, Horvath, *Rev. d' Ent.*, iv, 1885, p. 323.
 Hab. Hungary.
- eryngii*, Berg, *Hem. Arg., Add. Emend.*, 1884, p. 77.
 Hab. Buenos Ayres.
- ♀ *geminus* (*Capsus*), Say: Uhler, List, p. 19.
 Hab. United States.
- Gyllenhalii* (*Phytocoris*), Fallen, *Hem. Suec.*, 1829, p. 97: Zett., *Ins. Lapp.*, p. 275: Herr. Schöff. (*Capsus*), *Wanz. Ins.*, iii, p. 86, t. 101, f. 310: Meyer, *Rhyn. Schw.*, p. 61: F. Sahlb., *Geoc. Fenn.*, p. 116: Kirschb., *Rhyn.*, Wiesb., p. 229, sp. 75: Flor, *Rhyn. Liv.*, i, p. 546: Fieber (*Charagochilus*), *Eur. Hem.*, p. 271: Dougl. & Scott, *Brit. Hem.*, p. 446, t. 15, f. 1: Walk., *Cat. Het.*, vi, p. 81: Saund., *Syn.*, p. 273: *Rev. Caps.*, p. 81; Fedtsch. Turk., p. 12.
 Hab. All Europe, Turkistan [*Atk.*, Lille, Hungary, Genoa].
- holosericeus* (*Polymerus*), Hahn, *Wanz. Ins.*, i, 1831, p. 27, t. 4, f. 17: Kirschb., *Rhyn. Wiesb.*, p. 229, sp. 74, p. 274?: Fieb., *Eur. Hem.*, p. 271: Walker, *Cat. Het.*, vi, p. 81: Reut., *Rev. Caps.*, p. 82.
 Hab. France, Germany, Italy.
- ♀ *imbecillus* (*Capsus*), Say: Uhler, List, p. 19.
 Hab. United States.
- intermedius*, Jakowleff, *Trudi. Russki Ent.*, ix, 1876, p. 226.
 Hab. S. Russia.
- irroratus*, Lethierry, *Ann. Soc. Ent. Belg.*, xxv, 1881, p. 10.
 Hab. Guadeloupe.
- longicornis*, Reuter, *Ent. Tidjssk.*, v, 1884, p. 196.
 Hab. Nicobar Islands.
- nigritus* (*Phytocoris*), Fallen, *Hem. Suec.*, 1829, p. 97: Zett., *Ins. Lapp.*, p. 275: Herr. Schöff. (*Capsus*), *Wanz. Ins.*, vi, p. 45, t. 195, f. 601: F. Sahlb., *Geoc. Fenn.*, p. 116: Kirschb., *Rhyn. Wiesb.*, p. 229, sp. 73, p. 273: Flor, *Rhyn. Liv.*, i, p. 547:

Fieber (*Polymerus*), Eur. Hem., p. 391: Douglas & Scott (*Systratiotus*), Brit. Hem., p. 444, t. 14, f. 9: Walk., Cat. Het., vi, p. 81: Saund., Syn., p. 273: Reuter, Rev. Caps., p. 81.

Hab. N. & Middle Europe.

picus (*Resthenia*), Berg, Hem. Arg., 1879, p. 125; Add. & Emend, 1884, p. 76.

Hab. Buenos Ayres.

unifasciatus (*Lygaeus*), Fabr., Ent. Syst., iv, 1794, p. 178; *id.*, Syst. Rhyng., p. 243: Meyer, Rhyn. Schw., p. 104: Kolenati, Mel. Ent., ii, p. 123: F. Sahlb., Geoc. Fenn., p. 108: Costa, Cim. Regn. Neap., Cent. iii, p. 40: Kirschb., Rhyn. Wiesb., p. 221, sp. 59, 272: Flor, Rhyn. Liv., i, p. 544: Fieb., Eur. Hem., p. 276: Dougl. & Scott, Brit. Hem., p. 467: Stål, Hem. Fabr., i, p. 88: Walk., Cat. Het., vi, p. 84: Saund., Syn., p. 273: Reuter, Rev. Caps., p. 82; *id.*, Rev. Syn. Het., p. 274: Uhler, List, p. 19.

semiflavus, Wolff, Ic. Cim., 1804, p. 154, t. 15, f. 148: Fallen, Mon. Cim., p. 80; *id.*, Hem. Suec., p. 86: Hahn, Wanz. Ins., i, 1831, p. 208, t. 34, f. 107.

P. tomentosus, Vill., Ent. auct., 1789, p. 528.

var. *asperulas*, Fieber, Eur. Hem., 1861, p. 276.

var. { *lateralis*, Hahn (as var. *Ph. semiflavus*), Wanz. Ins., ii, 1834, p. 85, t. 56
f. 169.
marginatus, Hahn, l. c., f. 170.

Hab. All Europe, Turkistan, N. America [Atk., Lille, Hungary].

venaticus (*Systratiotus*), Uhler, Hayden Mont. Surv., 1872, p. 414; Bull. Un. St. Surv., ii, 1876, p. 318; List, p. 19.

Hab. Colorado, Massachusetts.

vulneratus (*Lygaeus*), Wolff, Panzer Faun. Germ., 1801, 100: Fieber (*Pocillo-cytus*), Eur. Hem., p. 277: Walk., Cat. Het., vi, p. 84: Thoms., Opusc. Ent., iv, p. 428: Reuter, Rev. Caps., p. 83: Fedtsch. Turk., p. 12.

Dalmanni, Fallen, Hem. Suec., 1829, p. 87: Hahn, Wanz. Ins., i, 1831, p. 210, t. 34, f. 108: Herr. Schäff., Nomencl. Ent., p. 51: Kirschb., Rhyn. Wiesb., p. 223, sp. 62: Flor, Rhyn. Liv., i, p. 549.

Hab. Nearly all Europe, Turkistan [Atk. Monferrato, Dunkirk].

Genus **TROPIDOSTEPTES.**

Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 404; List, p. 19: Reuter, Zool. Jahr., 1879, p. 508.

cardinalis (*Say*), Uhler, l. c. *supra*, p. 404; List, p. 19.

Hab. United States, Massachusetts, Connecticut.

Genus **CAMPTOBROCHIS.**

Fieber, Eur. Hem., 1861, p. 248: Walk., Cat. Het., vi, p. 69: Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 20; Rev. Caps., p. 84.

Camptobrochys, Fieb., Crit. Gen., 1859, g. 19, t. 6, f. 4, 35; Eur. Hem., p. 64.

grandis, Uhler, Ent. Am., ii, 1887, p. 230; List, p. 19.

Hab. N. America.

- lutescens* (*Phytocoris*), Schill., Verh. Schles. Ges., 1836: Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 20; *id.*, Caps. Syn., 1875, p. 5: Saund., Syn., p. 277: P. Löw, Wien Ent. Zeit., ii, 1883, p. 59.
hyalinata, Costa, teste Puton, Cat., 1886, p. 51.
nitens, Stål, Ofvers. K. Vet.-Aka. Handl., 1855, p. 187.
punctulata, Meyer, Rhyn. Schw., 1843, p. 103, t. 4, f. 2: Fieb., Eur. Hem. p. 249 (*nec* Fallen): Dougl. & Scott, Brit. Hem., p. 448.
 Hab. Nearly all Europe [*Atk.*, Lille, Stazzano].
- nebulosus*, Uhler, Hayden Mont. Surv., 1872, p. 417: Bull. Un. St. Surv., 1876, p. 319: Proc. Bost Soc. N. H., 1878, p. 408: List, p. 19.
 Hab. Colorado, Dakota.
- parvula*, Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 153; Ent. Tidskr., v, 1884, p. 197, var.
 Hab. Madeira.
- pilipes*, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 201: Fedtsch. Turk., p. 13.
 Hab. Turkistan.
- punctulatus* (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 95, ♀: F. Sahlb. (*Capsus*), Geoc. Fenn., p. 112: Kirschb., Rhyn. Wiesb., p. 227, sp. 70 (?): Flor, Rhyn. Liv., i, p. 532: Thomson, Opusc. Ent., iv, 1871, p. 427: Walk., Cat. Het., vi, p. 69: Reuter, Caps. Syn., 1875, p. 4; *id.*, Rev. Caps., p. 85; Fedtsch. Turk., p. 13.
Fallenii, Hahn, Wanz. Ins., ii, 1834, p. 89, t. 57, f. 175: Kirschb., Rhyn. Wiesb., p. 227, sp. 69 ♀: Fieb., Eur. Hem., p. 248 ♀: Walk., Cat. Het., vi, p. 69.
 var. *serena*, Dougl. & Scott, Ent. Mon. Mag., v, 1868, p. 135: Walk., *l. c.*, *supra*, p. 69.
 Hab. Nearly all Europe, Tunis, Syria, Persia [*Atk.*, Genoa, Switzerland].
- Putonii*, Montaudon, Rev. d' Ent., iv, 1885, p. 280.
 Hab. Dobruđscha.

Genus **POECILOCAPSUS.**

- Reuter, Caps. Amer., 1875, p. 73: Distant, Biol. Centr. Amer. Rhyn., 1884, p. 274: Uhler, List, p. 19.
 subg. *Metriorrhynchus*, Reuter, Caps. Amer., 1875, p. 74.
- affinis* (*Metriorrhynchus*), Reuter, Caps. Amer., 1875, p. 74: Uhler, List, p. 19.
 Hab. New Jersey.
- agrarius*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 275.
 Hab. Guatemala, Totonicapam.
- alacer* (*Brachycoleus*), Stål, Stettin. Ent. Zeit., xxxiii, 1862, p. 319, ♀: Walker, Cat. Het., vi, p. 99: Reut., Caps. Amer., p. 74: Distant, Biol. Centr. Amer. Rhyn., p. 275, t. 23, f. 1: Uhler, List, p. 19.
 Hab. Mexico; Guatemala, Cerro Zunil.
- frumentarius*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 275, t. 26, f. 12.
 Hab. Panama, Volcano de Chiriqui.
- goniphorus* (*Capsus*), Say, Compl. Writ., i, 1859, p. 241: Reut., Caps. Amer., p. 74, vars: Uhler, List, p. 19.

melasanthus, Herr. Schöff., Wanz. Ins., viii, 1848, p. 18, t. 254, f. 794 ;
Walk., Cat. Het., vi, p. 91.

Hab. New York, Wisconsin [Atk., United States].

lineatus (*Lygaeus*), Fabr., Ent. Syst. Sup., 1798, p. 541 ; *id.*, Syst. Rhyng., p. 234 :
Stål, Hem. Fabr., i, p. 86 : Reuter, Caps. Amer., 1875, p. 74 : Uhler, Proc. Bost.
Soc. N. H., xix, 1878, p. 406 ; List, p. 19 : Saunders, Ins. Inj. Fruit, 1883, p. 350,
f. 364.

bellus, Emmons, Nat. Hist. New York Agric., v, 1854, t. 30, f. 1.

quadrivittatus, Say, Hem. Het., New Harm. Ind., 1831, p. 20, 5 ; Compl.
Writ., i, 1859, p. 339 : Fitch in Trans. New York Agric. Soc., xxix,
1869, p. 513 : Walsh, Amer. Ent., i, 1869, p. 246 : Le Baron, Rep. Ins.
Illin., i, 1871, p. 61 : Saunders, Rep. Ent. Soc. Ontario, 1871, p. 40 :
Glover, Rep. Agric. Un. St. for 1875, p. 125, f. 33 : Lintner, Ins. New
York, i, 1883, p. 271, f. 78.

Hab. N. America [Atk., United States].

marginalis, Reuter, Caps. Amer., 1875, p. 75 : Uhler, List, p. 19.

Hab. New York.

nigriger (*Brachycoleus*), Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 339, ♀ : Walk.,
Cat. Het., vi, p. 99 : Reut., Caps. Amer., p. 74 : Distant, Biol. Centr. Amer. Rhyng.,
p. 275, t. 22, f. 12, 13 vars.

Hab. Mexico.

nobilellus, Berg, Hem. Arg., Add. Emend., 1884, p. 78.

nobilitatus, Berg, Hem. Arg., 1879, p. 122 (*nec* Stål).

Hab. Buenos Ayres.

ornatulus (*Brachycoleus*), Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 319, ♂ : Walk.
Cat. Het., vi, p. 99 : Reut., Caps. Amer., p. 74 : Distant, Biol. Centr. Amer. Rhyng.,
p. 276, t. 27, f. 1—4 : Uhler, List, p. 19.

decoratus, Walker, Cat. Het., vi, 1873, p. 100.

Hab. Mexico, Orizaba ; Guatemala, Zapote, Cerro Zunil.

Genus **OALLICAPSUS.**

Reuter, Caps. Amer., 1875, p. 75.

histris, Reuter, *l. c.*, p. 75 : Uhler, List, p. 19.

Hab. Carolina, Texas.

Genus **DEROPHTHALMA.**

Berg, Hem. Arg., Add. Emend., 1884, p. 79.

Reuterii, Berg, *l. c.*, p. 80.

Hab. Argentine Republic, Uruguay.

Genus **NEOBORUS.**

Distant, Biol. Centr. Amer. Rhyng., 1884, p. 276.

hirsutus, Distant, *l. c.*, p. 276, t. 27, f. 7.

Hab. Guatemala, Pantaleon.

saxeus, Distant, *l. c.*, p. 276, t. 27, f. 5.

Hab. Panama, Volcano de Chiriqui.

scaber, Distant, *l. c.*, p. 276, t. 27, f. 6.

Hab. Guatemala, Cerro Zunil.

Genus **HEMICEROORIS.**

Lethierry, *Ann. Soc. Ent. Belg.*, xxv, 1881., p. 11 : Reuter, *Zool. Jahr.*, Arthr., 1881, p. 74.

nigritarsis, Lethierry, *l. c.* p. 12.

Hab. Guadeloupe.

Genus **LIOCORIS.**

Fieber, *Crit. Gen. Phyt.*, 1859, g. 87, t. 6, f. 15 : Eur. Hem., p. 67, 270 : Walker, *Cat. Het.*, vi, p. 80 : Reuter, *Bih. Vet.-Aka. Handl.*, iii (i), 1876, p. 20 ; *Rev. Caps.* p. 85.

glabratus, Motsch., *Bull. Mosc.*, xxxvi (3), 1863, p. 87.

Hab. Ceylon.

punctioollis, Motsch., *l. c.*, p. 88.

Hab. Antilles.

tripustulatus (*Cimes*), Fabr., *Spec. Ins.*, ii, 1781, p. 370 ; *id.*, *Syst. Rhyng.*, p. 239 : Schrank, *Fauna Boica*, ii, p. 88 : Zett., *Ins. Lapp.*, p. 492 : Fallen, *Hem. Suec.*, p. 96 : Hahn, *Wanz. Ins.*, i, p. 215, t. 34, f. 111 : Burm., *Handb. Ent.*, ii (i), p. 273 : Zett., *Ins. Lapp.*, p. 257 : Meyer, *Rhyn. Schw.*, p. 106 : Kolenati, *Mel. Ent.*, ii, p. 120 : F. Sahlb., *Geoc. Fenn.*, p. 118 : Costa, *Cim. Regn. Neap. Cent.* iii, p. 39 : Kirschb., *Rhyn. Wiesb.*, p. 224, sp. 65, p. 272 : Flor, *Rhyn. Liv.*, i, p. 515 : Fieb. (*Liocoris*), *Crit.* 21 ; *Eur. Hem.*, p. 271 : Dougl. & Scott, *Brit. Hem.*, p. 450 : Stål, *Hem. Fabr.*, i, p. 87 : Walk., *Cat. Het.*, vi, p. 80 : Saund., *Syn.*, p. 272 : Reuter, *Rev. Caps.*, p. 86 ; *Rev. Syn. Het.*, p. 275.

? *bifasciatus*, Müller, *Faun. Ins. Fridr.*, 1764, p. 29 ; *Zool. Dan.* p. 106.

campestris, var. *a.* Geoffr., *Fourcr. Ent. Par.*, 1785, p. 205.

var. *pastinacae*, Hahn, *Wanz. Ins.*, i, 1831, p. 213, t. 34, f. 110.

Hab. All Europe [*Atk.*, Lille, Genoa, Dalmatia].

Genus **DERAEOCORIS.**

Kirschbaum, *Rhyn. Wiesb.*, 1855, p. 208 : Stål, *Hem. Afric.*, iii, p. 20 : Reuter, *Rev. Caps.* p. 87.

Capsus, Fabr., *Syst. Rhyng.*, 1803, p. 241 : Fieb., *Crit. Gen.*, g. 32 ; *Eur. Hem.*, p. 66, 264, pt : Puton, *Cat.*, 1886.

Macrocapsus, Reuter, *Ofvers. Finska Soc. Förh.*, xxi, 1879, p. 55 ; *Zool. Jahr.*, 1879, p. 509.

annulipes, Herr. Schöff., *Wanz. Ins.*, vi, 1843, p. 97, t. 212, f. 669 : Walk., *Cat. Het.*, vi, p. 78 : J. Sahlb., *Vet.-Aka. Handl.*, xvi (4), 1878, p. 27 : Duda, *Wien. Ent. Zeit.*, v, 1886, p. 85.

var. *flavolinea*, Costa, *Cim. Regn. Neap. Cent., Addit.*, 1860.

Hab. Siberia, Germany, Switzerland, France.

- brachialis**, Stål, Stettin. Ent. Zeit., xix, 1858, p. 185, t. 1, f. 1, ♂ : Walk., Cat. Het., vi, p. 89; (*Macrocapseus*) Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 55.
Hab. Siberia.
- cardinalis**, Fieber, Crit., 1859, sp. 4; Eur. Hem., p. 266: Walk., Cat. Het., vi, p. 78.
Hab. Austria.
- cordiger**, Hahn, Wans. Ins., ii, 1834, p. 85, t. 56, f. 771: Fieb., Eur. Hem., p. 264: Walk., Cat. Het., vi, p. 77.
var. *apicalis*, Sign., Ann. Soc. Ent. Fr., (4 s.) v, 1865, p. 125: Walk., l. c., p. 90.
Hab. France, Germany [*Afk.*, N. France].
- fratruellis**, Berg, Hem. Arg., 1879, p. 289; Exped. Rio Negro, Zool., p. 82, t. 2, f. 3.
Hab. Buenos Ayres.
- Freyli**, Puton, Rev. d' Ent., vi, 1887, p. 102.
Hab. Sicily.
- histricus**, Stål, with var. *a*, *b*, Ofvers. Vet.-Aka. Förh., 1855, p. 37; Hem. Afric., iii, p. 21: Walk., Cat. Het., vi, p. 114.
Hab. Caffraria.
- incomparabilis**, Stål, Ofvers. Vet.-Aka. Förh., 1855, p. 35; Hem. Afric., iii, p. 22: Walk., Cat. Het., vi, p. 114.
Hab. Caffraria.
- Martini**, Puton, Rev. d' Ent., 1887, p. 303.
Hab. Algeria.
- olivaceus** (*Oimes*), Fabr., Gen. Ins., 1776, p. 300; *id.*, Ent. Syst. iv, 1794, p. 179; Syst. Rhyng., p. 244: Latreille, Hist. Nat., xii, p. 231: Fieb., Eur. Hem., p. 266: Walker, Cat. Het., vi, p. 78: Reuter, Rev. Syn. Het., p. 278.
triangularis, Goese, Ent. Beytr., ii, 1778, p. 278.
var. *erythrostromus*, Schrank, Fauna Boica, 1801, p. 86.
,, *fallax*, Horvath, Term. Füzetek, viii, 1884, p. 317.
,, *larvatus*, Horvath, l. c., p. 317.
,, *medius*, Kirschbaum, Rhyn. Wiesb., 1855, p. 212, sp. 42; 288, sp. 6: Baer., Cat., p. 14.
,, *rufipes*, Fabr., Syst. Rhyng., 1803, p. 241; Spinola, Ess., p. 190.
Hab. Germany, Austria, France.
- ostentans**, Stål, Ofvers. Vet.-Aka. Förh., 1855, p. 37; Hem. Afric., iii, p. 20: Walk., Cat. Het., vi, p. 114.
histricus, var. *c d.*, Stål, Ofvers. l. c. *supra*, p. 37.
Hab. Caffraria, Cape of Good Hope.
- punctum**, Rambur, Faun. Andal., 1842, p. 164: Fieb., Eur. Hem., p. 265: Walk., Cat. Het., vi, p. 78: Puton, Rev. d' Ent., iv, 1885, p. 137.
corruscus, Garbig., Bull. Soc. Ent. Ital., i, 1869, p. 186: Walk., Cat. Het., vi, p. 79, 80.
episcopalis, Costa, Addit. Cim. Regn. Neap., 1860, p. 28, f. 7.
var. *mimus*, Puton, Rev. d' Ent., vi, 1887, p. 103.
,, *nigerrimus*, Puton, Expl. Scient. Tunisie, 1886, p. 20.
Hab. Spain, Italy, Algeria, Tunis.

- rutilus*, Herr. Schöff., Wanz. Ins., iv, 1839, p. 34, t. 121, f. 385 : Fieb., Eur. Hem., p. 265 : Walk., Cat. Het., vi, p. 78.
 var. *bellicosus*, Horvath, Rev. d' Ent., iv, 1885, p. 324.
 Hab. Hungary, Turkey, S. Russia.
- Schaoh (*Cimes*), Fabr., Spec. Ins., ii, 1781, p. 371 : *id.*, Syst. Rhyng., p. 241 : Latreille, Hist. Nat., xii, 1804, p. 230 : Stål, Hem. Fabr., i, p. 87 : Walk., Cat. Het., vi, p. 78 : Reuter, Rev. Syn. Het., p. 276.
miniatus, Herr. Schöff., Wanz. Ins., iv, 1839, p. 34, t. 121, f. 386 : Fieb., Eur. Hem., p. 265.
 var. *cunealis*, Reuter, Rev. d' Ent., vii, 1888, p. 227.
 „ *Novaki*, Horvath, Rev. d' Ent., iv, 1885, p. 324.
 Hab. France, Spain, Italy, Dalmatia, Greece [*Atk.*, Dalmatia].
- scutellaris* (*Lygaeus*), Fabr., Ent. Syst., iv, 1794, p. 180 ; *id.*, Syst. Rhyng., p. 245 : Coqueb., Ill. Ic., ii, p. 83, t. 19, f. 8 : Zett., Acta Holm., 1819, p. 74 : Fallen, Hem. Suec., p. 109 : Hahn, Wanz. Ins., i, 1831, p. 205, t. 33, f. 105 : Burm., Handb. Ent., ii, p. 274 : Rambur, Faun. Andal., p. 164 : Flor, Rhyn. Liv., i, p. 510 : Fieber, Eur. Hem., p. 266 : Dougl. & Scott, Brit. Hem., p. 443 : Walk., Cat. Het., vi, p. 79 : Saund., Syn., p. 271 : Reuter, Rev. Caps. p. 89 : Rev. Syn. Het., p. 278.
 var. *morio*, Bohem., Nya Svens. Hem., 1852, p. 68 : Reuter, Caps. Syn., p. 6 ; Rev. Caps. p. 90.
 Hab. Nearly all Europe [*Atk.*, Sarepta, S. Russia].
- seguisinus* (*Cimes*), Müller, Man. Ins. Taur., 1766, p. 191, ♂ ; Reuter, Rev. Syn. Het., p. 279.
adustus, Gmelin, Syst. Nat., iv, 1788, p. 2185.
biguttatus, Goeze, Ent. Beytr., ii, 1778, p. 278.
bimaculatus, Schrank, Fauna Boica, 1801, p. 88.
capillaris, Fabr., Syst. Ent., 1775, p. 725 ; Mant. Ins. ii. p., 305 ; Ent. Syst., iv, p. 180 ; Syst. Rhyng., p. 244 : Burm., Handb., Ent., ii (i), p. 274 : Am. & Serv., Hem., p. 281 : Costa, Cim. Regn. Neap., Cent. iii, p. 44 : Fieb., Eur. Hem., p. 266 : Dougl. & Scott, Brit. Hem., p. 442 : Stål, Hem. Fabr., i, p. 87 : Walk., Cat. Het., vi, p. 79 : Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 408 ; List, p. 19 : Parret, C. R. Soc. Ent. Belg., 1875, p. lxxxviii.
 ? *chrysocephalus*, Gmelin, Syst. Nat., iv, 1788, p. 2164.
cimbricus, Müller, Zool. Dan., 1776, p. 106 : Goeze, Ent. Beytr., ii, p. 252.
croceus, Goeze, Ent. Beytr., ii, 1778, p. 265 : Geoffr., Fourcr. Ent. Par. p. 200.
Daniae, Turton, Syst. Nat., ii, 1806, p. 674.
flammeus, Geoffr., Fourcr. Ent. Par., 1785, p. 210.
 ? *fuliginosus*, Gmelin, Syst. Nat., iv, 1788, p. 2164.
geniculus, Turton, Syst. Nat., ii, 1806, p. 687.
gothicus, b, Poda, Ins. Mus. Graec., 1761, p. 57.
gothicus, Scopoli, Ent. Carn., 1763, p. 131 : Schrank, En. Ins. Austr., p. 283 : Rossi, Faun. Etrusc., ii, p. 249 (*nec* Linn.).
haematocephalus, Gmelin, Syst. Nat., iv, 1788, p. 2166.
haematostictus, Gmelin, l. c., p. 2181.
lanarius, Linn., Syst. Nat. (ed. 12), 1767, p. 726 : Reut., Rev. Caps. p. 88 : Saund., Syn., p. 271.
 ? *lutèus*, Goeze, Ent. Beytr., ii, 1778, p. 278.

melinus, Harris, Exp. Engl. Ins., 1781, p. 90, t. 26, f. 11.
olivaceus, Schrank, Fauna Boica, 1801, p. 89 (*nec* Fabr.).
rubens, Harris, Exp. Engl. Ins., 1781, p. 90, t. 26, f. 10.
 ? *ruber*, Linn., Syst. Nat. (ed. 10), 1758, p. 446 : Faun. Suec., p. 251.
rubro-acuminatus, Goeze, Ent. Beytr., ii, 1778, p. 268.
rufescens, Gmelin, Syst. Nat., iv, 1788, p. 2160.

var. *danicus*, Fabr., Ent. Syst., iv, 1794, p. 181 ; Syst. Rhyng., p. 245 : Wolff, Ic. Cim., i, 1800, p. 34, t. 4, f. 34 : Fallen, Mon. Cim., p. 93 ; *id.*, Hem. Suec., p. 109 : Hahn, Wanz. Ins., i, p. 17, t. 2, f. 9.

var. *tricolor*, Fabr., Mant. Ins., 1787, p. 306 ; Syst. Rhyng., p. 245 : Wolff, Ic. Cim., i, 1800, p. 35, t. 4, f. 35 : Panzer, Faun. Germ., 98, 1804, f. 20 : Spinola, Ess., p. 190 : Dufour, Recherch., 1838, p. 176 : Meyer, Rhyn. Schw., p. 108 : Kirschb., Rhyn. Wiesb., p. 212, sp. 41 : Flor, Rhyn. Livr., i, p. 509 : Fieber, Crit., 1859, 19.

Hab. All Europe ; United States, Brazil (Uhler) [*Atk.*, Lille, Genoa, Hungary].

trifasciatus (*Cineas*), Linn., Syst. Nat., (ed. 12), 1767, p. 725 : Rossi, Fauna Etrusc., ii, p. 247 : Fabr., Ent. Syst., iv, p. 176 ; *id.*, Syst. Rhyng. p. 244 : Burm., Handb., ii, p. 274 : Am. & Serv., Ins. Hem., p. 281 : Meyer, Rhyn. Schw., p. 107 : Costa, Cim. Regn. Neap., Cent. iii, p. 45 : Kirschb., Rhyn. Wiesb., p. 213, sp. 43 : Fieber, Eur. Hem., p. 265 : Walker, Cat. Het., vi, p. 78. Reut., Rev. Syn. Het., p. 277, 395.

elator, Turton, Syst. Nat., ii, 1806, p. 671.

elatus, Fabr., Ent. Syst., iv, 1794, p. 176 ; Syst. Rhyng., p. 241 : Wolff, Ic. Cim., i, t. 4, f. 31 : Panzer, Faun. Germ., 78, 1801, f. 20 : Spinola, Ess., p. 190 : Fieb. Crit., 1859, 19.

variegatus, Geoffroy, Fourcor., Ent. Paris., 1785, p. 200.

? var. *annulatus*, Germar, Reise Dalm., 1817, p. 285.

var. *bipartitus*, Horvath, Termes Füz., viii, 1884, p. 14.

„ *imitator*, Horvath, l. c., vii, p. 30.

„ *regalis*, Horvath, l. c., viii, p. 13.

„ *ultramontana*, Gredler Verh. Zool. Bot. Ges. Wien, xxiv, 1874, p. 556 : Horvath, l. c. *supra.*, vii, p. 30.

Hab. France, Germany, Italy, Syria.

Genus **MORNA.**

F. B. White, Ent. Mon. Mag., xv, 1878, p. 130.

capsoides, F. B. White, l. c., p. 131.

Hab. New Zealand.

Genus **COCOBAPHES.**

Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 401 ; List, p. 19 ; Benter (*Caccobaphes*), Zool. Jahr., 1879, p. 507.

sanguinarius (Say), Uhler, l. c. *supra.*, p. 401.

Hab. United States, Carolina, New Hampshire, Canada.

Genus **STETHOCONUS.**

Fieber, Wien. Ent. Monats., viii, 1864, p. 79, t. 2, 8 : Walk., Cat. Het., vi, p. 69, 89 :
 Rent., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 21.

Acropelta, Mella, Bull. Soc. Ent. Ital., i, 1869, p. 292 : Walk., l. c., *supra*,
 p. 88.

mammillosus (*Capsus*), Flor, Rhyn. Liv., ii, 1861, p. 624 : Walker, Cat. Het., vi,
 p. 69 : Fieb., Wien. Ent. Monats, viii, 1864, p. 80 : Rey, Ann. Soc. Linn. Lyon,
 xxix, 1883, p. 385 : Walk., Cat. Het., vi, p. 69.

cyrtopeltis, Flor, Rhyn. Liv., i, 1860, p. 628.

pyri, Mella, Bull. Soc. Ent. Ital., i, 1869, p. 203, t. 4 : Walk., Cat. Het., vi,
 p. 89.

Hab. Russia, Livonia, France, Hungary, Italy.

Genus **BOTHYNOTUS.**

Fieber, Wien Ent. Monats., viii, 1864, p. 76, t. 2, 7 : Walk., Cat. Het., vi, p. 68 :
 Rent., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 21 ; Rev. Caps. p. 90.

Trichymenus, Reuter, Caps. Syn., 1873, p. 7.

pilosus (*Phytocoris*), Bohem., Nya Svenska Hem., April, 1852, p. 68 : Kirschb.,
 Rhyn. Wiesb., p. 213, sp. 45 : Thomson, Opusc. Ent., iv, p. 429 : Saund., Syn.,
 p. 272 : Reuter (*Trichymenus*), Caps. Syn., p. 8 ; Rev. Caps., p. 91.

Fairmairesi, Sign., Ann. Soc. Ent. Fr., (2 s.) x, Sept. 1852, p. 542, t. 16, f. 4.
horridus, Mulsant & Rey, Ann. Soc. Linn., Lyon. 1852, p. 161, ♀ (*form-
 brach.*).

Minkii, Fieber, Wien. Ent. Monats., viii, 1864, p. 77, t. 2, 7 t, k : Walk., Cat.
 Het., vi, p. 69.

Hab. Scandinavia, Germany, France, Italy, Hungary, Corfu.

Genus **SAUNDERSIA.**

Reuter, Pet. Nouv. Ent., ii, No. 147, 1876, p. 33.

moerens, Reuter, l. c., p. 33.

Hab. Greece.

Genus **ALLOEOTOMUS.**

Fieber, Crit. Gen. Phyt. 1859, 17, t. 6, f. 23 ; Eur. Hem., p. 63, 247 : Walk., Cat.
 Het., vi, p. 68 : Rent., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 21 ; Rev. Caps.,
 p. 92 ; Berlin. Ent. Zeits., xxv, 1881, p. 177.

gothicus (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 110 : Fieb., Eur. Hem., p. 247 :
 Walk., Cat. Het., vi, p. 68 : Reuter, Rev. Caps., p. 92.

aetneus, Costa, Ann. Soc. Ent. Fr., x, 1841, p. 285.

marginepunctatus, Herr. Schöff., Wanz. Ins., iii, 1835, p. 69, t. 96, f. 284 :
 Kirschb., Rhyn. Wiesb., p. 213, sp. 44 : Walk., Cat. Het., vi, p. 68.

pilipes, Thomson, Op. Ent., iv, 1871, p. 429.

Hab. Scandinavia, N. and Middle Europe.

Genus **EUARMOSUS.**

Reuter, *Caps. Amer.*, 1857, p. 76.

Sayii, Reuter, *l. c.*, p. 76: Uhler, *List*, p. 19.

Hab. Texas.

Genus **EUBATAS.**

Distant, *Biol. Centr. Amer. Rhyn.*, 1884, p. 277.

chiriquinus, Distant, *l. c.*, p. 277, t. 27, f. 8.

Hab. Panama, Volcano de Chiriqui.

Genus **NEOCAPSUS.**

Distant, *Biol. Centr. Amer. Rhyn.*, 1884, p. 277.

mexicanus, Distant, *l. c.*, p. 277, t. 22, f. 19: Uhler, *List*, p. 19.

Hab. Mexico.

Genus **HORCIAS.**

Distant, *Biol. Centr. Amer. Rhyn.*, 1884, p. 277.

atratus, Distant, *l. c.*, p. 280.

Hab. Panama, Volcano de Chiriqui.

chiriquinus, Distant, *l. c.*, p. 278.

Hab. Panama, Volcano de Chiriqui.

decoratus, Distant, *l. c.*, p. 278, t. 27, f. 9.

Hab. Guatemala, Zapote.

notatus, Distant, *l. c.*, p. 278, t. 26, f. 14.

Hab. Guatemala, Pantaleon; Panama.

plagosus, Distant, *l. c.*, p. 279, t. 26, f. 16.

Hab. Panama, Volcano de Chiriqui.

plumatus, Distant, *l. c.*, p. 279, t. 27, f. 10.

Hab. Panama, Bugaba.

rutilus, Distant, *l. c.*, p. 279, t. 27, f. 11.

Hab. Panama, Volcano de Chiriqui.

scutellatus, Distant, *l. c.*, p. 278.

Hab. Guatemala, San Juan; Panama, Bugaba.

thoracicus, Distant, *l. c.*, p. 278, t. 26, f. 15.

Hab. Panama, Bugaba.

unicolor, Distant, *l. c.*, p. 279, t. 27, f. 12.

Hab. Panama, Volcano de Chiriqui.

variegatus, Distant, *l. c.*, p. 277, t. 26, f. 13.

Hab. Panama, David, Bugaba.

Genus **CALOCORISCA.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 280.

antennata, Distant, *l. c.*, p. 281, t. 27, f. 14.

Hab. Guatemala, Capetillo.

tenera, Distant, *l. c.*, p. 280, t. 26, f. 18.

Hab. Guatemala, Cerro Zunil.

thoracica, Distant, *l. c.*, p. 280, t. 27, f. 13.

Hab. Costa Rica, Irazu.

villosa, Distant, *l. c.*, p. 280, t. 26, f. 17.

Hab. Guatemala, Panama.

Genus **OIMATLAN.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 281.

delicatatum, Distant, *l. c.*, p. 281, t. 27, f. 15.

Hab. Guatemala, Panajachel.

Genus **FULVIUS.**

Stål, Stettin. Ent. Zeit. xxxiii, 1862, p. 322 : Distant, Biol. Centr. Amer. Rhyn., p. 281 : Walk., Cat. Het., vi, p. 47 : Uhler, List, p. 19.

albomaculatus, Dist., Biol. Centr. Amer. Rhyn., 1884, p. 282, t. 27, f. 16.

Hab. Panama, Volcano de Chiriqui.

anthocoroides, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 322 : Walk., Cat. Het., vi, p. 160 : Distant, *l. c.*, *supra*, p. 281, t. 23, f. 15.

Hab. Mexico, Guatemala, Panama.

atratus, Distant, *l. c.*, *supra*, p. 282, t. 27, f. 18.

Hab. Guatemala, San Geronimo.

fuscans, Distant, *l. c.*, p. 282, t. 27, f. 17.

Hab. Guatemala, Balhen.

Genus **PAMEROCORIS.**

Uhler, Bull. Un. St. Surv., iii, 1877, p. 424 ; Proc. Bost. Soc. N. H., xix, 1878, p. 412 ; List, p. 19.

anthocoroides, Uhler, Bull. Un. St. Surv., iii, 1877, p. 425 : Bergroth, Ent. Nachr., iv, p. 108.

Hab. Colorado, E. United States, Canada.

Genus **HENICOONEMIS.**

Stål, Rio Jan. Hem., i, 1858, p. 53 : Dist., Biol. Centr. Amer. Rhyn., p. 282 : Walker, Cat. Het., vi, p. 169 : Uhler, List, p. 19.

- albitarsis**, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 320, ♀ : Walk., Cat. Het., vi, p. 169 : Distant, Biol. Centr. Amer. Rhyn., p. 283, t. 27, f. 19.
Hab. Mexico.
- alboornata**, Distant, l. c., *supra*, p. 283, t. 27, f. 20.
Hab. Panama, Bugaba.
- patellata**, Stål, Rio Jan. Hem., i, 1858, p. 53 : Walk., Cat. Het., vi, p. 169.
Hab. Rio Janeiro.

Genus **CAPSUS.**

- Stål**, Hem. Fabr., i, p. 87 : Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 21 : Rev. Caps., p. 93.
Rhopalotomus, Fieber, Crit. Gen. Phyt., 1859, g. 31, t. 6, f. 38 : Eur. Hem., p. 66, 263 : Puton, Cat., 1886.
- ater** (*Cimex*), Linn. Syst. Nat., (ed. 10), 1758, p. 447 : Fabr., Syst. Ent., 1775, p. 725 ; *id.*, Syst. Rhyng., p. 241 : Fallen, Mon. Cim., p. 97 ; *id.*, Hem. Suec., p. 116 : Zett., Faun., Lapp., p. 497 ; *id.*, Ins., Lapp., p. 277 : Hahn, Wanz. Ins., i, p. 126, t. 20, f. 65 : Burm., Handb. Ent., ii, p. 275 : Westw., Intr. Mod. Class. Ins., p. 121 : Am. & Serv., Ins. Hém., p. 281 : Meyer, Rhyn. Schw., p. 108 : Kolenati, Mel. Ent., ii, p. 127 : F. Sahlb., Geoc. Fenn., p. 121 : Kirschb., Rhyn. Wiesb., p. 214, sp. 46 : Costa, Cim. Regn. Neap. Cent. Addit. 30, xxxiii : Flor, Rhyn. Liv., i, p. 486 : Fieber, Eur. Hem., p. 264 : Dougl. & Scott., Brit. Hem., p. 440 : Stål, Hem. Fabr., i, p. 87 : Walk., Cat. Het., vi, p. 77 : Saund., Syn., p. 271 : Reuter, Rev. Caps., p. 94 : Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 411 : Reuter, Rev. Syn. Het., p. 282.
nigricornis, Hahn, Icon. Cim., 1826, f. 20.
? *sordeus*, Gmelin, Syst. Nat., iv, 1788, p. 2166.
var. *semiflavus*, Linn., Syst. Nat., (ed., 12), 1767, p. 725 : Gmelin, Syst. Nat., p. 2162.
var. *flavicollis*, Fabr., Syst. Ent., 1775, p. 725 : Rossi, Faun. Etrusc., ii, p. 248 : Lap., Ess. Class. Syst., 1832, p. 39 : Guérin, Icones, iii, 1834, p. 348.
,, *testudineus*, Say, MS., teste Uhler, l. c., *supra*.
,, *tyrannus*, Fabr., Ent. Syst., iv, 1794, p. 177 : Wolff, Ic. Cim., iv, 1804, p. 152, t. 15, f. 146.
Hab. All Europe : N. America [*Atk.*, Lille].
- brachycerus**, Uhler, Hayden Surv. Mont., 1872, p. 416 ; Bull. Un. St. Surv., ii, 1876, p. 319 ; List, p. 19.
Hab. California, Colorado.
- cinctus**, Kolenati, Mel. Ent., ii, 1845, p. 128, t. 11, f. 29 : Fieb., Eur. Hem., p. 264 : Walk., Cat. Het., vi, p. 77 : Reuter, Fedtsch. Tark., p. 14.
Hab. Caucasus, Turkistan.
- intermedius**, Reuter, Ofvers. Finska Soc. Förh., xxvi, 1884, p. 25.
simulans, var., J. Sahlb., Vet.-Aka. Handl., xvi (4), 1878, p. 27.
Hab. Siberia.
- pacificus**, Uhler, Hayden Surv. Mont., 1872, p. 415 ; Bull. Un. St. Surv., ii, 1876, p. 319 ; List, p. 19.
Hab. Montana, Idaho, California.

rubronotatus, Provancher, Nat. Can., iv, 1872, p. 105 : Uhler, List, p. 19.

Hab. Canada.

simulans, Stål, Stettin. Ent. Zeit., xix, 1858, p. 186, ♂ : J. Sahlb., Vet.-Aka.

Handl., xvi (4), 1873, p. 27 : Walker, Cat. Het., vi, p. 89.

Hab. Siberia.

Genus **HYALOPEPLUS.**

Stål, Ofvers. Vet.-Aka. Förh., 1870, p. 670.

pellucidus (*Capsus*), Stål, Freg. Eng. Resa, Hem., 1859, p. 255 : Walk., Cat. Het., vi, p. 127.

Hab. Honolulu.

vitripennis (*Capsus*), Stål, Ofvers. Vet.-Aka. Förh., 1855, p. 186 ; Freg. Eng. Resa, Hem., 1859, p. 255 : Ofvers. Vet.-Aka. Förh., 1870, p. 671 : Walk., Cat. Het., vi, p. 118.

Hab. Philippines, Java.

Genus **MACROLONIUS.**

Stål, Ofvers. K. Vet.-Aka. Förh., 1870, p. 670, note.

sobrinus (*Capsus*), Stål, Ofvers. K. Vet.-Aka. Förh., 1855, p. 186 ; Ofvers. l. c., *supra*, p. 670, note : Walk., Cat. Het., vi, p. 124.

Hab. Philippines.

Genus **READA.**

F. B. White, Ent. Mon. Mag., xv, 1878, p. 132.

Mayrii, F. B. White, l. c., p. 132.

Hab. New Zealand.

SPECIES OF DOUBTFUL POSITION.

albipes (*Capsus*), Motsch., Bull. Mosc., xxxvi (3), 1863, p. 82.

Hab. Ceylon.

albofasciatus (*Leptomerocoris*), Motsch., l. c., p. 86.

Hab. Ceylon.

alboviridescens (*Leptomerocoris*), Motsch., l. c., p. 85.

Hab. Ceylon.

angulifer (*Capsus*), Walker, Cat. Het., vi, 1873, p. 126.

Hab. Australia.

annulicornis (*Capsus*), Herr. Schöff., Nomencl. Ent., 1835, p. 51.

Hab. Germany.

antennatus (*Phytocoris*), Blanchard, Gay's Hist. Fisica Chili, Zool., vii, 1852, p. 188, 7 : Signoret, Ann. Soc. Ent. Fr., (4 s.) iii, 1863, p. 573 : Walk., Cat. Het., vi, p. 108.

Hab. Chili.

- antennatus** (*Leptomerochoris*), Walker, Cat. Het., 1873, p. 145.
Hab. Australia.
- anthracinus** (*Ectopiocherus*), Uhler, List, 1886, p. 20.
Hab. United States.
- apicifer** (*Capsus*), Walker, Cat. Het., vi, 1873, p. 124.
Hab. Makian, Celebes.
- aureulentus**, Schill., Arb. u. Veränd. d. Schles. Ges., 1836.
Hab. Silesia.
- bicinctus** (*Capsus*), Walker, Cat. Het., 1873, p. 100: Uhler, List, p. 21.
Hab. Oajaca.
- canescens** (*Capsus*), Walker, Cat. Het., vi, 1873, p. 121.
Hab. Malaoca.
- capicola** (*Capsus*), Stål, Freg. Eug., Hem., 1859, p. 256: Walk., Cat. Het., vi, p. 114.
Hab. Cape of Good Hope.
- capitatus** (*Capsus*), Herr. Schöff., Nomencl. Ent., 1835, p. 50.
Hab. Germany.
- chinensis** (*Capsus*), Stål, Freg. Eug. Resa, Hem., 1859, p. 258: Walk., Cat. Het., vi, p. 118.
Hab. Hongkong.
- coccineus** (*Capsus*), Walker, Cat. Het., vi, 1873, p. 93: Uhler, List, p. 21.
Hab. E. Florida.
- coerulescens** (*Capsus*), Scholtz, Arb. u. Veränd. d. Schles. Ges., 1846.
Hab. Germany.
- conspersus** (*Capsus*), Walker, Cat. Het., vi, 1873, p. 116.
Hab. Cape of Good Hope.
- contiguus** (*Capsus*), Walker, l. c., p. 95: Uhler, List, p. 21.
Hab. New York.
- coxalis** (*Capsus*), Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852.
Hab. S. France.
- euneatus** (*Capsus*), Stål, Rio. Jan. Hem., i, 1858, p. 55: Walk., Cat. Het., vi, p. 144.
Hab. Rio Janeiro.
- Dallasi** (*Capsus*), Stål, Freg. Eug. Resa, Hem., 1859, p. 258.
Hab. Sydney.
- desertus** (*Capsus*), Becker, Bull. Mosc., xxxvii (i), 1865, p. 468: Walker, Cat. Het., vi, p. 90.
Hab. S. Russia, Sarepta.
- dilatatus** (*Capsus*), Stål, Freg. Eug. Resa, Hem., 1859, p. 256.
Hab. Sydney.
- dimidiatus** (*Capsus*), Guérin, R. de Sagra's Hist. Fis. Cuba. vii, 1856, p. 163: Walk., Cat. Het., vi, p. 101.
Hab. Cuba.

- discoidalis* (*Capsus*), Walker, Cat. Het., vi, 1873, p. 122.
Hab. Singapur, Malacca.
- elquiensis* (*Capsus*), Blanchard, Gay's Hist. Fis. Chil., vii, 1852, p. 187, 3: Sign., Ann. Soc. Ent. Fr., (4 s.) iii, p. 572: Walker, Cat. Het., vi, p. 108.
Hab. Chili.
- fasciatus* (*Capsus*), Walker, Cat. Het., vi, 1873, p. 122.
Hab. Singapur.
- flavipes* (*Capsus*), Provancher, Can. Nat., iv, 1872, p. 104: Uhler, List, p. 19.
Hab. Canada.
- flavonotatus* (*Capsus*), Provancher, l. c., p. 103: Uhler, List, p. 19.
Hab. Canada.
- floridanus* (*Capsus*), Walker, Cat. Het., vi, 1873, p. 97: Uhler, List, p. 21.
Hab. E. Florida.
- Freyii* (*Capsus*), Becker, Bull. Mosc., xxxvii (i), 1865, p. 481: Walk., Cat. Het., vi, p. 90.
Hab. S. Russia, Sarepta.
- frontifer* (*Capsus*), Walker, Cat. Het., vi, 1873, p. 94: Uhler, List, p. 21.
Hab. N. America.
- gibbicollis* (*Capsus*), Herr. Schäff., Nomencl. Ent., 1835, p. 51.
Hab. Germany.
- halimoonemis* (*Capsus*), Becker, Bull. Mosc., xxxvii (i), 1865, p. 485: Walker, Cat. Het., vi, p. 89.
Hab. S. Russia, Sarepta.
- hirsutululus* (*Capsus*), Walker, Cat. Het., vi, 1873, p. 95: Uhler, List, p. 21.
Hab. Lake Huron.
- illepιδus*. Walker, l. c., p. 115.
Hab. Cape of Good Hope.
- incisuratus* (*Capsus*), Walker, l. c., p. 121.
Hab. Ceylon.
- incisus* (*Capsus*), Walker, l. c., p. 92: Uhler, List, p. 21.
Hab. E. Florida.
- innotatus* (*Capsus*), Walker, l. c., p. 119.
Hab. S. Africa.
- invidus* (*Cimex*), Rossi, Fauna Etrusc., 1790, p. 247.
Hab. Italy.
- intaminatus* (*Capsus*), Walker, Cat. Het. p. 127.
Hab. New Zealand.
- Kinbergii* (*Capsus*), Stål, Freg. Eug. Rossa, Hem., 1859, p. 255.
Hab. Sydney.
- latioinctus* (*Capsus*), Walker, Cat. Het., 1873, p. 127.
Hab. New Zealand.

- limbatellus** (*Capsus*), Walker, *l. c.*, p. 93 : Uhler, List, p. 21.
Hab. New York.
- limbatus** (*Capsus*), Walker, *l. c.*, p. 117.
Hab. Cape of Good Hope.
- lineifer** (*Capsus*), Walker, *l. c.*, p. 122.
Hab. Malacca.
- lucidus** (*Capsus*), Walker, *l. c.*, p. 124.
Hab. Sarawak.
- maculiceps** (*Capsus*), Stål, *Ofvers. Vet.-Aka. Förh.*, 1855, p. 186.
Hab. S. France.
- marginatus** (*Capsus*), Walker, *Cat. Het.*, 1873, p. 96 : Uhler, List, p. 21.
Hab. New York.
- maoricus** (*Leptomerochoris*), Walker, *Cat. Het.*, vi, 1873, p. 146.
Hab. New Zealand.
- marginicollis** (*Capsus*), Walker, *l. c.*, p. 123.
Hab. — ?
- miniatus** (*Capsus*), Parfitt, *Ent. Mon. Mag.*, ii, 1866, p. 130 : Walker, *Cat. Het.*, vi, p. 89.
Hab. S. England.
- modestus** (*Capsus*), Blanchard, *Gay's Hist. Fis. Chili*, vii, 1852, p. 187, 5 : *Sign. Ann. Soc. Ent. Fr.*, (4 s.) iii, 1863, p. 572 : *Walk., Cat. Het.*, vi, p. 103.
Hab. Chili.
- obesulus** (*Capsus* ?), Wollaston, *Ann. Mag. N. H.*, (3 s.) i, 1858, p. 124.
Hab. Madeira.
- obscurellus** (*Capsus*), Walker, *Cat. Het.*, vi, 1873, p. 93 : Uhler, List, p. 21.
Hab. Hudson's Bay.
- ocellatus** (*Capsus*), *Sign.*, *Ann. Soc. Ent. Fr.*, (4 s.) iii, 1863, p. 527 : Walker, *Cat. Het.*, vi, p. 105, 108.
Hab. Chili.
- ornata** (*Closterocoris*), Uhler, List, 1886, p. 59.
Hab. United States.
- paciflous** (*Capsus*), Stål, *Freg. Eug. Resa, Hem.*, 1859, p. 256 : *Walk., Cat. Het.*, vi, p. 127.
Hab. Tahiti.
- pallescens** (*Capsus*), Walker, *Cat. Het.*, vi, 1873, p. 94 : Uhler, List, p. 21.
Hab. Hudson's Bay.
- pallescens** (*Capsus*), Herr. Schöff., *Nomencl. Ent.*, 1835, p. 49.
Hab. Germany.
- pallidulus** (*Capsus*), Walker, *Cat. Het.*, vi, 1873, p. 116.
Hab. Cape of Good Hope.
- partitus** (*Capsus*), Walker, *l. c.*, p. 119.
Hab. N. India.

- patulus** (*Capsus*), Walker, *l. c.*, p. 120.
Hab. N. India.
- peregrinus** (*Capsus*), Herr. Schöff., *Nomencl. Ent.*, 1835, p. 49.
Hab. Germany.
- piceoniger** (*Deraeocoris*), Motsch., *Bull. Mosc.*, xxxvi (3), 1863, p. 84.
Hab. Ceylon.
- pictulifer** (*Capsus*), Walker, *Cat. Het.*, vi, 1873, p. 126.
Hab. Australia.
- pistacinus** (*Leptomerocoris*), Motsch., *Bull. Mosc.*, xxxvi (3), 1863, p. 85.
Hab. Ceylon.
- Proserpinæ** (*Capsus*), Mulsant & Rey, *Ann. Soc. Linn. Lyon*, 1853.
Hab. France.
- pulcher** (*Oncodepsus*), Uhler, *List*, 1886, p. 17.
Hab. W. Indies.
- punctipes** (*Capsus*), Mulsant & Rey, *l. c. supra*.
Hab. France.
- punctum-album** (*Cimeæ*), Rossi, *Fauna Etrusc.*, 1790, p. 246, No. 1337.
Hab. Italy.
- rubrovulneratus** (*Deraeocoris*), Motsch., *Bull. Mosc.*, xxxvi (3), 1863, p. 83.
Hab. Ceylon.
- scutellaris** (*Capsus*), Herr. Schöff., *Nomencl. Ent.*, 1835, p. 52.
Hab. Germany.
- semiclusus** (*Capsus*), Walker, *Cat. Het.*, 1873, p. 118.
Hab. Ceylon.
- sericeus** (*Capsus*), Walker, *Cat. Het.*, 1873, p. 117.
Hab. Sierra Leone.
- sidnicus** (*Capsus*), Stål, *Freg. Eng. Resa, Hem.*, 1859, p. 258.
Hab. Sydney.
- signatipes** (*Capsus*), Herr. Schöff., *Nomencl. Ent.*, 1835, p. 49.
Hab. Germany.
- Signoretii** (*Capsus*), Stål, *Freg. Eng. Resa, Hem.*, 1859, p. 257: *Walk., Cat. Het.*, vi, p. 105.
Hab. Rio Janeiro.
- simplex** (*Leptomerocoris*), Walker, *Cat. Het.*, vi, 1873, p. 145.
Hab. Ceylon.
- simulans** (*Capsus*), Walker, *l. c.*, p. 125.
Hab. Singapur.
- sinicus** (*Capsus*), Walker, *Cat. Het.*, *l. c.*, p. 120.
Hab. China.
- sobrius** (*Capsus*), Walker, *l. c.*, p. 115.
Hab. Sierra Leone.

- solitus** (*Capsus*), Walker, *l. c.*, p. 116.
Hab. Cape of Good Hope.
- soror** (*Macrocoleus*), Reuter, *Pet. Novv. Ent. No. 136, 1874, p. 541.*
Hab. Siberia.
- speciosus** (*Capsus*), Signoret, *Ann. Soc. Ent. Fr.*, (4 s.) iii, 1863, p. 571: Walker, *Cat. Het.*, vi, p. 105, 108.
Hab. Chili.
- stramineus** (*Capsus*), Walker, *Cat. Het.*, vi, 1873, p. 96: Uhler, *List*, p. 21.
Hab. Nova Scotia.
- stramineus** (*Capsus*), Walker, *l. c.*, p. 120 (*n. b. l.*).
Hab. N. Bengal.
- strigulatus** (*Capsus*), Walker, *l. c.*, p. 94: Uhler, *List*, p. 21.
Hab. Canada.
- subirroratus** (*Capsus*), Walker, *l. c.*, p. 119.
Hab. Ceylon.
- suffusus** (*Capsus*), Walker, *l. c.*, p. 117.
Hab. Cape of Good Hope.
- tabescens** (*Eurymerocoris*), Stål, *Ofvers. Vet.-Aka. Förh.*, 1858, p. 317; *Hem. Afric.*, iii, p. 22: Walk., *Cat. Het.*, vi, p. 159.
Hab. S. Africa, Svakop river.
- tagalicus** (*Capsus*), Stål, *Freg. Eug. Resa, Hem.*, 1859, p. 258: Walk., *Cat. Het.*, vi, p. 123.
Hab. Manilla.
- taiticus** (*Capsus*), Stål, *l. c.*, p. 257: Walk., *Cat. Het.*, vi, p. 127.
Hab. Tahiti.
- thoracatus** (*Capsus*), Stål, *Ofvers. Vet.-Aka. Handl*, 1855, p. 186.
Hab. Java.
- tristis** (*Capsus*), Walker, *Cat. Het.*, vi, 1873, p. 125.
Hab. New Guinea.
- tristis** (*Phytocoris*), Blanchard, *Gay's Hist. Fis. Chili*, vii, 1852, p. 187, 6: Sign., *Ann. Soc. Ent. Fr.*, (4 s.) iii, 1863, p. 573: Walker, *Cat. Het.*, vi, p. 108.
Hab. Chili.
- ustulatus** (*Capsus*), Walker, *Cat. Het.*, vi, 1873, p. 128.
Hab. New Zealand.
- vicarius** (*Capsus*), Walker, *l. c.*, p. 121.
Hab. Siam.
- vicinus** (*Phytocoris*), Blanchard, *Gay's Hist. Fis. Chili*, vii, 1852, p. 186, 4: Sign., *Ann. Soc. Ent. Fr.*, (4 s.) iii, 1863, p. 573: Walker, *Cat. Het.*, vi, p. 108.
Hab. Chili.
- viridanus** (*Deraeocoris*), Motsch., *Bull. Mosc.*, xxxvi (3), 1863, p. 83.
Hab. Ceylon.

- viridipunctatus* (*Eurymerocoris*), Stål, Öfvers. Vet.-Aka. Förh., 1858, p. 317; Hem. Afric., iii, p. 23; Walk., Cat. Het., vi, p. 159.
Hab. S. Africa, Svakop river.
- volgensis* (*Capsus*), Becker, Bull. Mosc., xxxvii (i), 1865, p. 488; Walker, Cat. Het., vi, p. 90.
Hab. S. Russia, Sarepta.
- Waltlii* (*Capsus*), Herr. Schöff., Nom. Ent., 1835, p. 52.
Hab. Germany.
- Whitei* (*Phytocoris*?), Wollaston, Ann. Mag. N. H., (3 s.) i, 1858, p. 124; Walker, Cat. Het., vi, p. 159.
Hab. Madeira.
Div. VII, **PILOPHORARIA**, Reuter, Hem. Gymn. Eur. iii, 1883, p. 566.

Genus **PILOPHORUS.**

- Hahn, Ic. Mon. Cim., i, 1826, 23; Reut., Bih. Vet.-Aka. Handl., iii (i), p. 22; Rev. Caps., p. 100.
Camaranotus, Fieber, Crit. Gen., 1859, 79, t. 6, f. 28; Eur. Hem., p. 74, 813; Dougl. & Scott, Brit. Hem., p. 358.
- amoenus*, Uhler, Ent. Am., iii, 1887, p. 30.
Hab. N. America.
- angustulus*, Reuter, Rev. d' Ent., vii, 1888, p. 227.
Hab. Morea.
- cinnamopterus* (*Leptomerocoris*), Kirschbaum, Rhyn. Wiesb., 1855, p. 232 sp. 81, p. 276, 259; Flor, Rhyn. Liv., i, p. 572; Fieber (*Camaranotus*), Crit. Phyt., 1859, p. 34; *id.*, Eur. Hem., p. 314; Dougl. & Scott, Brit. Hem., p. 359; Walker, Cat. Het., vi, p. 76, 87; Saund., Syn., p. 287, pt.: Reuter, Ent. Mon. Mag., xiv, 1878, p. 244; Rev. Syn. Het., p. 290.
bifasciatus, Fabr., Syst. Ent., 1775, p. 725 (*nom-praeoc*); Syst. Rhyn. p. 241; Latreille, Hist. Nat., xii, p. 230; Zett., Fauna Lapp., p. 497; *id.*, Ins. Lapp., p. 277; Westwood (*Pilophorus*), Intr. Mod. Class. Ins., ii, p. 121, ?; Reuter, Caps. Syn., p. 24; Rev. Caps., p. 101; Berlin. Ent. Zeits., xxv, 1881, p. 177, pt.: Puton, Bull. Soc. Ent. Fr., (5 s.), vii, 1877 p. cxxx; Uhler, List, p. 20.
confusus, Thomson, Opusc. Ent., iv, 1871, p. 442, pt. (*nec* Kirschb.).
Hab. Nearly all Europe; N. America [*Atk.*, Switzerland].
- clavatus* (*Cimeæ*), Linn., Syst. Nat. (*ed.* 12), 1767, p. 729; Gmelin, Syst. Nat., iv, 1788, p. 2163, ?; Zett., Ins. Lapp., p. 278; Westwood, Introd. Mod. Class. Ins., ii, p. 121; Meyer, Rhyn. Schw., p. 87, pt.: F. Sahlb., Geoc. Fenn., p. 91; Kirschb., Rhyn. Wiesb., p. 232, sp. 80, p. 297; Flor, Rhyn. Liv., i, p. 569; Fieber, Crit. Phyt., 1859, 34; *id.*, Eur. Hem., p. 314; Dougl. & Scott, Brit. Hem., p. 360, t. 12, f. 8; Ent. Mon. Mag., xii, p. 100; Walk., Cat. Het., vi, p. 86; Saund., Syn., p. 286; Reuter, Caps. Syn., p. 24; Rev. Caps., p. 102, pt.; Ent. Mon. Mag., xiv, 1878, p. 245; Rev. Syn. Het., p. 290, 395.

bifasciatus, Schrank, Fauna Boica, 1801, p. 86 (*nec* Fabr.); Fallen, Mon. Cim., p. 99; *id.*, Faun. Suec., p. 118: Hahn, (*Pilophorus*), Icon. Cim., 1826, f. 22: Zett., Faun. Lapp., p. 498: Walk., Cat. Het., vi, p. 76.

? *trilineatus*, Müller, Zool. Dan., 1776, p. 106.

Hab. All Europe [*Atk.*, Dunkirk].

confusus, Kirschbaum, Rhyn. Wiesb., 1855, p. 232, sp. 79; p. 293, sp. 9: Flor, Rhyn. Liv., i, p. 573: Fieber (*Camaronotus*), Eur. Hem., p. 314: Walk., Cat. Het., vi, p. 87: J. Sahlb., Vet.-Aka. Handl., xvi (4), 1878, p. 27: Duda, Wien Ent. Zeit., v, 1886, p. 118: Uhler, List, p. 20: Reuter, Rev. Caps., p. 102; Ent. Mon. Mag., xiv, 1878, p. 245; *id.*, Rev. Syn. Het., p. 291, note; Rev. d' Ent. v, 1886, p. 121.

clavatus, Herr. Schöff, Wanz. Ins., iii, 1835, p. 47, t. 87, f. 264 (*nec* Linn.).
var. *nitidicollis*, Puton, Rev. d' Ent. vi, 1887, p. 103.

Hab. Nearly all Europe, Turkistan, N. America [*Atk.*, Dunkirk].

fraternus, Uhler, Lintner, Rep. Ins. New York., 1885, p. 186.

Hab. New York.

perplexus, Scott, Ent. Mon. Mag., xii, 1875, p. 101: Reuter, Ent. Mon. Mag., xiv, 1878, p. 244; Rev. d' Ent., v, 1886, p. 121.

clavatus (*Phytocoris*), Burm., Handb. Ent., ii (i), 1835, p. 267 (*nec* Linn.): Meyer, Rhyn. Schw., p. 87, pt. F. Sahlb., Geoc. Fenn., p. 91.

Hab. Nearly all Europe.

pusillus, Reuter, Ent. Mon. Mag., xiv, 1878, p. 245.

? *clavatus*, Costa, Cim. Regn. Neap., iii, 1852: (*nec* Linn.).

Hab. France, Germany, Spain, Italy, Greece.

sinuaticollis, Reuter, Ofvers. Finska Soc. Förh., xxii, 1879, p. 202; Fedtsch. Turk., p. 14.

Hab. Turkistan.

Walshii, Uhler, Ent. Am., iii, 1887, p. 30; List, p. 20.

Hab. N. America.

Genus **PAMILIA.**

Uhler, Ent. Am., iii, 1887, p. 31.

Behrensii, Uhler, *l. c.*, p. 31.

Hab. N. America, San Francisco.

Genus **MIMOCORIS.**

Scott, Ent. Mon. Mag., viii, 1872, p. 195: Walk., Cat. Het., vi, p. 87: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 23.

coarctatus, Muls. & Rey, Ann. Soc. Linn. Lyon, 1852.

camaranotoides, Dougl. & Scott, Ent. Mon. Mag., viii, 1872, p. 195: Walk. Cat. Het., vi, p. 87.

ruqicollis, Costa, Cim. Regn. Neap. Cent., iii, 1852.

Hab. S. France, Italy, Algeria [*Atk.*, Pyrenees].

Scottii, Berg, Hem. Arg., Add. Emend., 1884, p. 86.

Hab. Buenos Ayres.

Genus **SERICOPHANES.**

Reuter, Caps. Amer., 1875, p. 79.

ocellatus, Reuter, l. c., p. 79; Uhler, List, p. 19.

Hab. Texas.

Genus **MYRMECOMIMUS.**

Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 178; id., Zool. Jahr, Arthr., 1881, p. 247.

Myrmicomimus, Reuter, l. c. supra.

paederoides, Costa, Atti Acad. Sc. Napoli, (2 s.) i, 1884, p. 64; id., Bull. Soc. Ent. Ital., xvii, 1885, p. 251.

Hab. Sardinia.

variegatus (*Globiceps*), Costa, Cim. Regn. Neap., Cent. ii, 1847, p. 193, f. 10, in Atti del Reale Inst. Napoli: Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 178.

Hab. Italy.

Genus **CREMNOCEPHALUS.**

Fieber, Eur. Hem., 1861, p. 63, 246: Walk., Cat. Het., vi, p. 52: Reuter, Rev. Caps., p. 124.

Cretnodes, Fieb., Crit. Gen. Phyt., 1859, 14, t. 6, f. 27.

albolineatus, Reuter, Verh. Zool. Bot. Ges. Wien, 1875, p. 87; Rev. Syn. Het., p. 292.

umbratilis, Fabr., Mant. Ins., 1787, p. 305 (*nec* Linn.); Syst. Rhyng., p. 243: Fallen, Mon. Cim., p. 101; id., Hem. Suec, p. 121: Herr. Schöff., Wanzen. Ins., iii, 1835, p. 49, t. 87, f. 266: Meyer, Rhyn. Schw., p. 58: F. Sahlb., Geoc. Fenn., p. 98: Fieber (*Cretnocephalus*), Eur. Hem., p. 246: Thoms., Opusc. Ent., iv, 1871, p. 442: Walk., Cat. Het., vi, p. 52: Reuter, Rev. Caps., p. 124.

Hab. Europe, especially W. Europe [*Atk.*, Hungary].

Genus **MYRMECOPEPLUS.**

Berg, Hem. Arg. Add. Emend., 1884, p. 84.

ornatus (*Monalunion*), Berg, Hem. Arg., 1879, p. 129; Add. Emend., 1884, p. 85.

Hab. Buenos Ayres.

Genus **MYRMECOZELOTES.**

Berg, Hem. Arg. Add. Emend., 1884, p. 87.

Lynchii, Berg, l. c., p. 88.

Hab. Buenos Ayres.

Genus **SYSTELLONOTUS.**

Fieber, Crit. Gen. Phyt., 1859, 92, t. 6, f. 29; Eur. Hem., p. 77, 323: Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 26; *id.*, Rev. Caps., p. 120.

? *albofasciatus* (*Phytocoris*), Lucas, Expl. Scient. Alg., iii, 1849, Hem., p. 83, t. 3, f. 6.

See also under *Phytocoris*.

Hab. Algeria, ? Tunis.

alpinus, Frey-Gessner, MT. Schw. Ent. Ges., iv, 1872, p. 21, t. 1, f. 3.

Hab. France, Spain, Switzerland.

Bruckii (*Fieber*), Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 181.

Hab. E. Algeria.

Miscellii, Ferrari, Ann. Mus. Civ. Gen. (2 s.), i, 1884, p. 482: Rev. d' Ent., v, 1886, p. 121.

albofasciatus, Ferrari, Ann. Mus. Civ. Gen., (2 s.) i, 1884, p. 282 (*nec* Lucas).

Hab. Algeria, Tunis.

thymi, Signoret, Nouv. guide Amat. Ins., 1859, p. 49; Ann. Soc. Ent. Fr., (5 s.) v, 1865, p. 125: Walk., Cat. Het., vi, p. 66.

Hab. France.

triguttatus (*Cimez*), Linn., Syst. Nat., (ed. 12), 1767, p. 729: Latreille, Hist. Nat., xii, 1804, p. 227 (*nec* Fabr.): Fallen, Mon. Cim., p. 101; Hem. Suec., p. 121: Hahn, Wanz. Ins., ii, p. 99, t. 60, f. 183, Westw., Introd. Mod. Class. Ins., ii, p. 121: Meyer, Rhyn. Schw., p. 90: F. Sahlb., Geoc. Fenn., p. 92: Kirschb., Rhyn. Wiesb., p. 211, sp. 40, p. 270: Fieber (*Systellonotus*), Crit., 38; *id.*, Eur. Hem., p. 324: Flor, Rhyn. Liv., i, p. 480: Dougl. & Scott, Brit. Hem., p. 370, t. 12, f. 2, 2a: Thomson, Opusc. Ent., iv, 1871, p. 86: Walk., Cat. Het., vi, p. 65: Saund., Syn., p. 283: Reuter, Rev. Caps. p. 121: *id.*, Rev. Syn. Het., p. 291.

Hab. All Europe [*Atk*, Stazzano].

unifasciatus (*Fieber*), Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 182.

Hab. Algeria.

venustissimus, Costa, Rend. Acc. Nap. (2 s.), i, 1887, p. 244.

Hab. Italy, Abruzzi.

Genus **CYRTOPELTOCORIS.**

Reuter, Caps. Amer., 1875, p. 81.

albofasciatus, Reuter, *l. c.*, p. 81: Uhler, List, p. 19.

Hab. Texas.

Genus **LAEMOCORIS.**

Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 183; Zool. Jahr., 1879, p. 509: Jakowleff, Bull. Mosc., lvi (4), 1882, p. 364.

Reuterii (Jakowleff), Reuter, *l. c.*, p. 184.

Reitteri, Jakowleff, Bull. Mosc., lvi (4), 1882, p. 365.

Hab. S. Russia.

Genus **PLAGIORHAMMA.**

Fieber, Verh. Zool. Bot. Ges. Wien, xx, 1870, p. 250, t. 6: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 26.

pilosa, Reuter, Ofvers. Finska Soc. Förh., xxv, 1860, p. 31.

Hab. Addah, W. Africa.

naturalis, Herr. Schöff., Wanz. Ins., iv, 1839, p. 32, t. 120, f. 383 (*form brach.*), ♀:

Fieber, Verh. Zool. Bot. Ges. Wien., xx, 1870, p. 251: Walker, Cat. Het., vi, p. 64:

Ferrari, Ann. Mus. Civ. Gen., vi, 1874, p. 184, ♀.

sawicola, Costa, teste Puton, Rev. d' Ent., ii, p. 297.

Hab. Hungary, Italy.

Genus **EROTICORIS.**

Dougl. & Scott, Brit. Hem., 1865, p. 471: Walker, Cat. Het., vi, p. 60: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 27; Rev. Caps., p. 122.

Allodapus, Fieber, Eur. Hem., 1861, p. 262 (*nom-prasoc*).

Halodapus, Fieber, l. c., p. 66.

? *Omphalotus*, Reuter, Pet. Nouv. Ent., ii, No. 145, 1876, p. 27.

albiceps, Lethierry, Ann. Soc. Ent. Belg., xxv, 1881, p. 12.

Hab. Guadeloupe.

quadriguttatus (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 205, sp. 29; p. 286, sp. 5: Reuter, Pet. Nouv. Ent., ii, 1876, p. 27.

Hab. Germany.

rufescens (*Halticus*), Burm., Handb. Ent., ii (i), 1836, p. 278: Flor, Rhyn. Liv., i, p. 543: Scott, Ent. Ann., 1864, p. 161, t. 1, f. 4, ♂ (*form brach.*): Dougl. & Scott,

Brit. Hem., p. 472, t. 14, f. 6, ♀ (*form brach.*): Saund., Syn., p. 281: Reuter,

Pet. Nouv. Ent., 1876, p. 26; Rev. Caps., p. 123.

brachypterus (*Capsus*), Bohem., Vet.-Aka. Handl., 1849, p. 254: Kirschb.,

Rhyn. Wiesb., p. 231, sp. 78, p. 275.

corysoides, Herr. Schöff., Wanz. Ins., iv, 1838, p. 35, t. 121, f. 387, ♀:

Fieber (*Allodapus*), Eur. Hem., p. 262: Walk., Cat. Het., vi, p. 60.

Hab. Scandinavia, Russia, Germany, Switzerland, Britain.

Genus **TRICHIA.**

Reuter, Caps. Amer., 1875, p. 81.

punctulata, Reuter, l. c., p. 82: Uhler, List, p. 20.

Hab. Texas.

Genus **ETHELASTIA.**

Reuter, Pet. Nouv., Ent., ii, No. 147, 1876, p. 34.

inconspicua (Jakowleff), Reuter, l. c., p. 34.

Hab. S. Russia.

Div. VIII, **DIPLACARIA**, Reuter, Hem. Gymn. Eur., iii, 1883, p. 564.

Genus **DIPLACUS.**

Stål, Stettin. Ent. Zeit., xix, 1858, p. 183: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 25; *id.*, Rev. Caps., p. 116: Walker, Cat. Het., vi, p. 838.

Myrmecophyes, Fieber, Verh. Zool. Bot. Ges. Wien, xx, 1870, p. 253, t. 6, f. 10.

alboornatus, Stål, Stettin. Ent. Zeit., xix, 1858, p. 183, t. 1, f. 3 (*form. macr.*): J. Sahlb., Notis. Skpts Faun. Fl. Fenn, xi, 1871, p. 465 (*form. brach.*): Walker, Cat. Het., vi, p. 138: Reuter, Caps. Syn., 1875, p. 4; Rev. Caps., p. 116: J. Sahlb., Vet.-Aka. Handl., xvi, (4), 1878, p. 28: Jakowleff, Rev. Mens. d' Ent., i, p. 111.

? *bimaculatus*, Motsch., see also under *Myrmecoris*, p. 31.

Oschanini, Fieber, Verh. Zool. Bot. Ges. Wien, xx, 1870, p. 253, t. 6, f. 10, (*form brach.*): Walk., Cat. Het., vi, p. 138.

tricondyloides (*Myrmecophyes*), Osch., Bull. Mosc., xliii (i), 1870, p. 131 (*form. brach.*).

Hab. Siberia, Irkutsk, Russia.

limbatus, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 172; Fedtsch. Turk., p. 19.

Hab. Turkistan.

nigripes, Reuter, *l. c.*, p. 172; Fedtsch. Turk., p. 18.

Hab. Turkistan.

Div. IX, **LABOPARIA**, Reuter, Hem. Gymn. Eur., iii, 1883, p. 567.

Genus **HALTICUS.**

Hahn, Wanz. Ins., i, 1831, p. 112, t. 18, f. *a-d*: Burm., Handb. Ent., ii (i), 1835, p. 278: Fieb. Eur. Hem., p. 69, 281: Walker, Cat. Het., vi, p. 154: Reuter, Rev. Caps., p. 105.

Astemma, pt. Amyot & Serv., Hist. Nat. Ins. Hém., 1843, p. 284.

Halticocoris, Dougl. & Scott, Brit. Hem., 1865, p. 478.

apterus (*Cicada*), Linn., Faun. Suec., 1761, p. 894: Brullé, Hist. Ins., 1835, p. 410, t. 33, f. 6: Am. & Serv., Ins. Hém., p. 284: Costa, Cim. Regn. Neap., Cent. iii, p. 53: Thomson, Opusc. Ent., iv, 1871, p. 441: Saund., Syn. p. 287: Reuter, Abo Hem., p. 170; Rev. Caps., p. 106; Fedtsch. Turk., p. 17; Rev. Syn. Het., p. 286.

pallicornis (*Acanthia*), Fabr., Ent. Syst., iv, 1794, p. 69; *id.*, (*Salda*), Syst. Rhyng., p. 115: Wolff, Io. Cim., 1804, p. 128, t. 13, f. 122: Fallen (*Lygaeus*), Mon. Cim., p. 95; *id.*, Hem. Suec., p. 113: Hahn (*Halticus*), Wanz. Ins., i, p. 114, t. 18, f. 61: Burm., Handb. Ent. ii (i), 1835, p. 278: Am. & Serv. (*Astemma*), Ins. Hém., p. 284: Meyer (*Capsus*), Rhyng. Schw., p. 110: Kolenati (*Eurycephala*), Mel. Ent., ii, p. 130: F. Sahlb., Geoc. Fenn., p. 118: Kirschbaum (*Eurymecocoris*), Rhyng. Wiesb., p. 262, 280, sp. 151: Fieber, Crit. 24; *id.*, Eur. Hem., p. 282: Dougl. & Scott (*Halticocoris*), Brit. Hem., p. 479; Walk., Cat. Het., vi, p. 129: Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 411.

pallidicornis, Herr. Schäff., Nomencl. Ent., i, 1835, p. 53: Flor, Rhyng. Liv., i, p. 533: Fieber, Wien. Ent. Monats., viii, 1864, p. 221.

Hab. All Europe; Turkistan, United States [*Atk. Lille, Genoa, Hungary*].

bicolor, Mulsant & Rey. Ann. Soc. Linn. Lyon, 1852: Puton, Cat., 1886, p. 53.

Hab. France, Spain.

bracteatus (*Capsus*), Say ; Uhler, List, p. 20.

Hab. United States.

consimilis, Jakowleff, Trudi Russki Ent., x, 1876-77, p. 94.

Hab. N. Persia, S. Russia.

Henschii, Reuter, Rev. d' Ent., viii, 1888, p. 58.

Hab. Illyria.

luteicollis (*Lygaeus*), Panzer, Faun. Germ., 1805, 93, f. 13, Lepel. & Serv., Enc. Méth., x, p. 324: Lap. (*Miris*), Ess. Class. Syst., 1832, p. 40: Herr. Schöff., Nomencl. Ent., i, p. 53: Fieb., Eur. Hem., p. 231: Dongl. & Scott, Brit. Hem., p. 480, t. 21, f. 1; Saund., Syn., p. 287: Walk., Cat. Het., vi, p. 129: Reuter, Rev. Caps., p. 107; Rev. Syn. Het., p. 287.

bicolor, Germar, Faun. Ins. Eur., v, 1819, p. 22.

ochrocephalus, Fieb., Beitr., 1836, p. 105, f. 4: Crit. Gen. Phyt., 1859, g. 24.

var. *propinquus*, Herr. Schöff., Wanz. Ins., vi, 1842, p. 47, t. 196, f. 606: Costa, Cim. Regn. Neap., Cent. iii, 1852, p. 53: Kirschb., Rhyn. Wiesb., p. 260, sp. 147.

Hab. S. & Middle Europe [*Atk.*, Lille, Stazzano].

macrocephalus, Fieber, Crit. sp., 1859, 12; Eur. Hem., p. 282: Wien. Ent. Monats., viii, 1864, p. 221: Walk., Cat. Het., vi, p. 129.

Hab. Corsica.

minutus, Reuter, Ent. Tijds., v, 1884, p. 197.

Hab. Singapur.

puncticollis, Fieber, Verh. Zool. Bot. Ges. Wien, xx, 1870, p. 261: Walk., Cat. Het., vi, p. 129.

Hab. Montenegro.

pusillus (*Capsus*), Herr. Schöff., Nomencl. Ent., 1835, p. 53: Reut., Abo Hem., 'p. 170; Rev. Caps., p. 107.

arenarius, (*Attus*), Hahn, Wanz. Ins., iii, 1835, p. 34, t. 84, f. 255: Kirschb., Rhyn. Wiesb., p. 261, sp. 148, p. 280.

intricatus, Fieb., Wien. Ent. Monats., viii, 1864, p. 220: Walk., Cat. Het., vi, p. 130.

Hab. Scandinavia, Germany, Austria.

saltator (*Cimez*), Geoffr., Fourcr. Ent. Par., 1785, p. 218: Rossi, Mant. Ins., ii, 1794, p. 56: Reuter, Rev. Syn. Het., p. 287.

erythrocephalus, Herr. Schöff., Nomencl. Ent., i, 1835, p. 53: Kirschb., Rhyn. Wiesb., p. 262, sp. 152: Fieber, Eur. Hem., p. 231: Walk., Cat. Het., vi, p. 129: Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 179.

leucocephalus, Goeze, Ent. Beytr., ii, 1778 (*nec* Linn.), p. 205.

mercurialis (*Astemma*), Guérin, Icon. Regne Anim., Texte, iii, p. 348; Icon., ii, 1834, t. 56, f. 7.

Hab. France, Spain, Italy, Germany.

Spegazzinii, Berg, Hem. Arg. Add. Emend., 1884, p. 91.

Hab. Buenos Ayres.

Genus **CORIDROMIUS.**

Signoret, Bull. Soc. Ent. Fr. (4 s), ii, 1862, p. v.

Ocypus, Montrouzier, l. c., Ann., i, 1861, p. 67 (*nom. praeoc.*).

variegatus (*Ocypus*), Montrouzier, l. c., p. 67: Walk., Cat. Het., vi, p. 145.

Hab. New Caledonia.

Genus **STRONGYLOCORIS.**

Costa, Cim. Reg. Neap., iii, 1852, p. 263.

Stiphrosoma, Fieber, Crit. Gen. Phyt., 1859, g. 46, t. 6, f. 12: Dougl. & Scott, Brit. Hem., p. 481: Eur. Hem., p. 69, 280: Walk., Cat. Het., vi, p. 133: Reuter, Rev. Caps., p. 103.

amabilis, Dougl. & Scott, Ent. Mon. Mag., iv, 1868, p. 136: Walk., Cat. Het., vi, p. 134.

Hab. Syria.

icadifrons, Costa, Cent. Cim. Regn. Neap., iii, 1852, p. 263: Reut., Rev. Syn. Het., p. 286.

? *leucocephalus*, Coq., Ill. Io. Ins., ii, 1801, p. 83, t. 19, f. 9 (*nec* Linn.).

Hab. Italy, S. France, Spain.

erythroleptus, Costa, Cim. Regn. Neap. Cent., iii, 1852, p. 264.

Hab. S. France, Italy [*Atk.*, Genoa].

leucocephalus (*Cimez*), Linn., Syst. Nat. (*ed.* 10), 1758, p. 446: De Geer, Mém., iii, p. 290: Fabr., Syst. Ent., p. 724, ?; *id.*, Ent. Syst., iv, p. 175; Syst. Rhyng., p. 237: Coq. Ill. Ic., 1801, p. 83, t. 19, f. 9? : Wolff (*Lygaeus*), Io. Cim., ii, p. 76, t. 13, f. 73: Panzer, Fauna Germ., 92, 1804, f. 12: Fallen, Mon. Cim., p. 94; *id.*, Hem. Suec., p. 111: Zett. (*Phytocoris*), Faun. Lapp., p. 495; *id.*, Ins. Lapp., p. 276: Hahn, Wanz. Ins., ii, p. 88, t. 57, f. 174: Burm. (*Attus*), Handb. Ent., ii (i), p. 276: Blanchard (*Strongylocoris*), Hist. Ins., 1840, p. 140: Meyer (*Capsus*), Rhyn. Schw., p. 109: F. Sahlb., Geoc. Fenn., p. 117: Costa, Cim. Regn. Neap., Cent. iii, p. 48: Kirschb., Rhyn. Wiesb., p. 246, sp. 114: Flor, Rhyn. Liv., i, p. 558: Fieber (*Stiphrosoma*), Crit., 24; *id.*, Eur. Hem., p. 281: Dougl. & Scott, Brit. Hem., p. 482, t. 21, f. 2: Stål, Hem. Fabr., i, p. 88: Thomson, Opusc. Ent., iv, p. 433: Walk., Cat. Het., vi, p. 133: Saund., Syn. p. 288: Reuter, Rev. Caps., p. 104; Ent. Mon. Mag., xvi, p. 12; *id.*, Rev. Syn. Het., p. 284.

decrepitus, Fabr., Ent. Syst., iv, 1794, p. 125; Syst. Rhyng., p. 254: Latreille, Turton.

var. steganoides, J. Sahlb., Notis Skpts pro Faun. Flor. Fenn., xiv, 1875, p. 306: Reuter, Rev. Caps., p. 104.

Hab. All Europe [*Atk.*, Austria].

luridus (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 112: Herr. Schöff., Wanz. Ins., iii, 1835, p. 87, t. 101, f. 312: Flor, Rhyn. Liv., i, p. 559: Thomson, Opusc. Ent., iv, p. 433: Fieber, Eur. Hem., p. 281: Walk., Cat. Het., vi, p. 134: Saund., Syn. p. 288: Reuter, Rev. Caps., p. 105.

Hab. Nearly all Europe.

niger (*Capsus*), Herr. Schöff., Nomencl. Ent., i, 1835, p. 53.

- atrocoeruleus*, Fieber, Wien. Ent. Monats., viii, 1864, p. 329: Walk., *Cat. Het.*, vi, p. 134.
Hab. S. Europe.
- nigerrimus* (*Capsus*), Herr. Schöff., Wanz. Ins., iii, 1835, p. 87, t. 101, f. 311 : Fieber, Eur. Hem., p. 392 : Walk., *Cat. Het.*, vi, p. 134.
Hab. Germany, France, Italy.
- nigritarsis*, Costa, Cim. Regn. Neap. Cent. iii, 1852.
Hab. Italy.
- obesus* (*Capsus*), Perris, Ann. Soc. Linn. Lyon, iv, 1857, p. 165.
lividus, Fieber, Crit. Phyt., 1859, sp. 11 ; Eur. Hem., p. 281 : Walk., *Cat. Het.*, vi, p. 134.
var. ? *obscurus*, Rambur Faun. Andal., 1842.
Hab. Scandinavia, France, Germany, Russia.
- stygicus* (*Capsus*), Say : Uhler, List, p. 20.
Hab. United States.

Genus **TENTHEORIS.**

- Scott, Ent. Mon. Mag., xxiii, 1886, p. 65.
bicolor, Scott, *l. c.*, p. 65.
Hab. Conservatories, ? W. Indies.

Genus **PIEZOCRANUM.**

- Horvath Termes. Füz., 1877, p. 92.
simulans, Horvath, *l. c.*, p. 93.
Hab. Hungary.

Genus **PLATYPSALLUS.**

- J. Sahlberg, Not. Skpts. pro Faun. Flor. Fenn. xiv, 1870, p. 308 : Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 24 ; Rev. Caps., p. 108.
acanthioides, J. Sahlb., *l. c.*, *supra*, p. 308 : Vet.-Aka. Handl., xvi (4), 1878, p. 27 : Reuter, Rev. Caps., p. 108, t. 1, f. 15, 15a.
Hab. Russian Lapland.

Genus **LABOPS.**

- Burm., Handb. Ent., ii (i), 1835, p. 279 : Walk. *Cat. Het.*, vi, p. 137 pt : Fieber, Eur. Hem., p. 71, 294, pt : Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 24, pt ; Rev. Caps., p. 113, pt.
Anapus, Stål, Stettin. Ent. Zeit., xix, 1858, p. 188 : Walk., *l. c.*, *supra*, p. 47, 160.
Merotrichaea, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 24.
Orthocephalus, Fieber, Crit. Gen. Phyt., 1859, 60, t. 6, f. 16 ; Eur. Hem., p. 71, 291 : Dougl. & Scott, Brit. Hem., p. 429 : Reuter, Rev. Caps., p. 109.

- subg. *Euryopicoris*, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 24; Rev. Caps., p. 115.
- „ *Labops*, Burmeister, Handb. Ent., ii (i), 1835, p. 279; Walk., l. c., *supra*, p. 137; Reuter, l. c., *supra*, p. 24.
- „ *Ophthalmocoris*, Zett., Ins. Lap., 1840, p. 280.
- „ *Pachytoma*, Costa, Ann. Soc. Ent. Fr., 1841, x, p. 288; Walk., l. c., *supra* p. 135.
- alutaceus**, Puton, Ann. Soc. Ent. Fr., (5 s.) iv, 1874, p. 218.
Hab. Spain.
- arenarius** (*Pachytoma*), Horvath, Termes. Füz., viii, 1884, p. 14.
Hab. Hungary.
- bilineatus**, Jakowleff, Bull. Mosc., xlix (3), 1875, p. 169.
Hab. S. Russia.
- bivittatus**, Fieber, Wien. Ent. Monats., viii, 1864, p. 221; Walk., Cat. Het., vi, p. 137; Horvath, Term. Füz., v, p. 229 (*form macr.*).
Hab. Germany, France, Russia.
- brevipennis**, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 203; Födtsch. Turk., p. 18.
Hab. Turkistan.
- brevis** (*Cimes*), Panzer, Fauna Germ., lix, 1798, f. 8; Fieber, Crit. Phyt., 1859, 28; Kirschb., Rhyn. Wiesb., p. 244, sp. 109; Flor, Rhyn. Liv., i, p. 563; Walk., Cat. Het., vi, p. 137; Reuter, Rev. Caps., p. 110; *id.*, Berlin. Ent. Zeits., xxv, 1881, p. 179; Rev. Syn. Het., p. 288.
? *cinereo-nigricans*, Goeze, Ent. Beytr., ii, 1778, p. 276.
confinis, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 35, ♂.
Panzeri, Fieber, Eur. Hem., 1861, p. 294.
Hab. Scandinavia, Russia, Germany, France, Tunis [*Atk.*, Wallachia].
- Bolivarii**, Reuter, Ofvers. Finska Soc. Förh., xxxii, 1880, p. 19.
Hab. Spain.
- Burmeisterii**, Stål, Stettin Ent. Zeit., xix, 1858, p. 189, ♀; J. Sahlb., Vet.-Aka. Handl., xvi (4), 1878, p. 28; Walk., Cat. Het., vi, p. 137.
Hab. Siberia, Kamtschatka.
- coracinus**, Puton, Ann. Soc. Ent. Fr., (5 s.) iv, 1874, p. 217, f. 6, 7.
Hab. Basin of Mediterranean.
- coriaceus** (*Acanthia*), Fabr., Gen. Ins., 1776, p. 299; (*Salda*), Syst. Rhyng., p. 115; Stål, Hem. Fabr., i, p. 88; Thomson, Opusc. Ent., iv, p. 94; Walk., Cat. Het., vi, p. 137; Saund., Syn., p. 289; Reuter, Hem. Gymn., Scan. & Fenn., p. 110, *id.*, Rev. Syn. Het., p. 288.
grylloides, Goeze, Ent. Beytr., ii, 1778, p. 187.
mutabilis, Fallen, Mon. Cim., 1807, p. 98; *id.*, Hem. Suec., p. 118; Burm. Handb. Ent., ii (i), p. 277?; Kirschb., Rhyn. Wiesb., p. 243, sp. 107, p. 278; Fieber, Eur. Hem., p. 293; Dougl. & Scott, Brit. Hem., p. 430; Walk., Cat. Het., vi, p. 137.
pilosus, Hahn, Wanz. Ins., ii, 1831, p. 96, t. 59, f. 181; Herr. Schaff., Nomo-

- ncl. Ent., i, p. 52: Meyer, Rhyn. Schw., p. 59: Flor, Rhyn. Liv., i, p. 564.
 Hab. Nearly all Europe [*Atk.*, Lille].
- debilis**, Reuter, Ofvers. Finska Soc. Förh., xxii, 1880, p. 20.
 Hab. Basin of Mediterranean.
- Doriae**, Ferrari & Reuter, Ann. Mus. Civ. Gen., (2 a.) i, 1884, p. 480.
 Hab. Tunis.
- flavomarginatus**, Costa, Ann. Soc. Ent. Fr., x, 1841, p. 286, t. 6, f. 3a: Cim. Regn, Neap. Cent., iii, 1852, p. 278, t. 3, f. 3, 4: Reuter, Berl. Ent. Zeits., xxv, 1881, p. 180, pt.
 Hab. Italy.
- Freyii**, Fieber, Wien. Ent. Monats., viii, 1864, p. 223: Walk., Cat. Het., vi, p. 137; Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 180.
Jakowleff, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 36, (*form. macr.*).
 Hab. S. Russia.
- funestus** (*Orthocephalus*), Jakowleff, Bull. Mosc., lvi (i), 1881, p. 195.
 Hab. Russia, Vladivostock.
- hesperius**, Uhler, Hayden Surv. Mont., 1872, p. 416; Bull. Un. St. Surv., ii, 1876, p. 319; iii, 1877, p. 417; List, p. 20.
 Hab. British America, Colorado.
- Kirschbaumii**, Stål, Stettin. Ent. Zeit., xix, 1858, p. 189, t. 1, f. 2a, b: Walk., Cat. Het., vi, p. 160.
opacus, Jakowleff, Bull. Mosc., xlix (3), 1875, p. 170.
 Hab. Astrakhan, Sarepta, Bogdo, Siberia.
- longicornis** (*Anapus*), Jakowleff, Bull. Mosc., lvi (4), 1882, p. 360.
 Hab. Russia, Orenburg.
- marginellus**, Puton, Rev. d' Ent., vi, 1887, p. 306.
 Hab. Algeria.
- minor**, Costa, Ann. Soc. Ent. Fr., X, 1841, p. 289, t. 6, f. 4a: Fieb., Eur. Hem., p. 294: Walk., Cat. Het., vi, p. 137.
minutus, Lucas, Expl. Scient. Algerie, iii, 1849, p. 85, t. 3, f. 8.
Passerini, Costa, Ann. Soc. Ent. Fr., x, 1841, p. 288, ♂.
rugicollis, Lucas, l. c. *supra*, p. 85, t. 3, f. 7.
 Hab. S. Europe, Tunis [*Atk.* Genoa].
- nebulosus**, Fieber, Eur. Hem., 1861, p. 393: Walk., Cat. Het., vi, p. 136.
 Hab. Spain.
- niger**, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 203; Fedtsch. Turk., p. 17.
 Hab. Turkistan.
- nigrita**, Jakowleff, Bull. Mosc., lvi (4), 1882, p. 360.
 Hab. Russia, Orenburg.
- nitidus**, Meyer, Rhyn. Schw., 1843, p. 113, t. 6, f. 4: Kolenati, Mel. Ent., ii, p. 130: Flor, Rhyn. Liv., i, p. 561: Fieber, Eur. Hem., p. 293: Walk., Cat. Het., vi, p. 136: Reuter (*Euryopocoris*), Rev. Caps., p. 115; *id.*, Berlin. Ent. Zeits., xxv, 1881, p. 180: J. Sahlb. Vet.-Aka. Handl., xvi (4), 1878, p. 28.

albonotatus (*Halticus*), Costa, Cim. Regn. Neap., Cent. Addit., 1860, p. 32 t. 3, f. 9.

Hab. France, Switzerland, Hungary, Germany, S. Russia, Scandinavia.

pachymerus, Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 159.

Hab. Spain.

parallelus, Meyer, Rhyn. Schw., 1843, p. 57, t. 6, f. 3 : P. N. E., no. 110, 1874, p. 446.

minor, Gredler, Nachlese Wanz. Tirols (*nec* Costa).

Hab. France, Switz., Germany, Spain [*Atk.* Vosges, France].

phoeniceus (*Orthocephalus*), Horvath, Termes. Füz., viii, 1884, p. 14.

Hab. Syria, Kaifa.

punctatipennis, Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 159.

Hab. Dalmatia.

punctigera, Horvath, Term. Füzetek., v, 1881, p. 42.

Hab. Syria.

Putonii, Reuter, Rev. d' Ent., i, 1882, p. 277.

Hab. France.

Reuterii, Jakowleff, Hem. Cauc., 1879, p. 132; *id.*, Bull. Mosc., lvi (4), 1882, p. 134.

Hab. Caucasus, Derbent.

rhyparopus, Fieber, Wien. Ent. Monats., viii, 1864, p. 222: Walk., Cat. Het., vi, p. 137.

Hab. S. Russia.

rugicollis, Jakowleff, Bull. Mosc., lii (2), 1877, p. 292: Reut., Berlin. Ent. Zeits., xxv, 1881, p. 159, note: Chicote, An. Soc. Esp. N. H., ix, 1880, p. 191.

Hab. S. Russia, Sarepta.

Sahlbergii (*Capsus*), Fallen, Hem. Suec., 1829, p. 116: Flor, Rhyn. Liv., i, p. 634: Zett. (*Ophthalmocoris*), Ins. Lapp., p. 280, ♀: F. Sahlb., Geoc. Fenn., p. 118: Thomson, Opusc. Ent., iv, p. 432: Fieb., Eur. Hem., p. 294: Walk., Cat. Het., vi, p. 137: Reuter, Rev. Caps., p. 113.

diopsis, Burm., Handb. Ent., ii (i), 1835, p. 279: Herr. Schäff., Wanz. Ins., ix, p. 166, t. 313, f. 961-2.

Hab. Scandinavia, Russia, France.

saltator (*Capsus*), Hahn, Wanz. Ins., iii, 1835, p. 11, t. 76, f. 236: Meyer, Rhyn. Schw., p. 112: Kirschb., Rhyn. Wiesb., p. 243, sp. 108, p. 278: Thoms., Opusc. Ent., iv, p. 432: Fieber, (*Orthocephalus*), Eur. Hem., p. 293: Dougl. & Scott, Brit. Hem., p. 431, t. 14, f. 2 (*form. brach.*): Walk., Cat. Het., vi, p. 136: Saund., Syn., p. 289: Reuter (*Orthops*), Rev. Caps., p. 111; Pet. Nouv. Ent., ii, no. 147, 1876 p. 33.

hirtus, Curtis, Brit. Ent., xv, 1838, t. 693.

infuscatus (*Globiceps*), Garbigl., Bull. Soc. Ent. Ital., i, 1869, p. 190

Walk., Cat. Het., vi, p. 63.

major, Costa, Cim. Regn. Neap. Cent., iii, 1852.

mutabilis, Burm., Handb. Ent., ii (i), 1835, p. 277: Flor, Rhyn. Liv., i, p. 567.

mutabilis, var., Fallen, Hem. Suec., 1829, p. 118.

Hab. N. & Middle Europe [*Atk.*, Lille].

- satyriscus**, Scott, Stettin. Ent. Zeit., xxxii, 1870, p. 101 : Walk., Cat. Het., vi, p. 54.
Hab. Spain.
- Schmidtii**, Fieber, Crit., 1859, sp. 15 ; Eur. Hem., p. 292 : Walk., Cat. Het., vi, p. 136.
Hab. S. Germany.
- sibiricus**, Sahlberg, Vet.-Aka. Handl., xvi (4), 1878, p. 28.
Hab. Siberia.
- signatus**, Fieber, Eur. Hem., 1861, p. 292 : Walk., Cat. Het., vi, p. 136.
flavomarginatus, Leth. & Puton (*nec* Costa), *teste* Reuter, Berlin. Ent. Zeits.,
xxix, 1885, p. 47.
? *gracilis*, Rambur, Fauna And., 1842.
Hab. France, Spain, Algeria.
- stygialis**, Muls. & Rey, Ann. Soc. Linn. Lyon, 1852 : Puton, Cat., 1886.
Hab. S. France.
- tauricus**, (*Pachytoma*), Horvath, Term. Füz., iv, 1880, p. 185.
Hab. S. Russia, Krim.
- tenuicornis**, Muls. & Rey, Opusc. Ent., i, p. 152, in Ann. Soc. Linn. Lyon, 1852.
Horvath, Term. Füz. v, p. 224.
Hab. France, Russia, Syria.
- tristis**, Fieber, Eur. Hem., 1861, p. 292 : Walk., Cat. Het., vi, p. 136.
Hab. Spain.
- vittipennis** (*Capsus*), Herr. Schöff., Nomencl. Ent., 1835, p. 52 ; *id.*, Wanz. Ins.,
iii, p. 83, t. 100, f. 305 : Meyer, Rhyn. Schw., p. 56 : F. Sahlb., Geoc. Fenn.,
p. 120 : Flor, Rhyn. Liv., i, p. 566 : Fieber, Crit. sp. 28 ; *id.*, Eur. Hem., p. 293 :
Thomson, Opusc. Ent., iv, 1871, p. 432 : Walk., Cat. Het., vi, p. 136 : Horvath,
Termes. Füzet., v, p. 224 : Reuter, Rev. Caps., p. 112 ; *id.*, Rev. Syn. Het., p. 289.
? *hirtus*, Müller, Zool. Dan., 1776, p. 108.
Hab. Scandinavia Russia, Switzerland, Austria.

Genus **BOLTERIA.**

- Uhler, Ent. Am., iii, 1887, p. 33.
- amicta**, Uhler, *l. c.*, p. 34.
Hab. New Mexico.

Genus **SEMIUM.**

- Reuter, Caps. Amer., 1875, p. 20.
- hirtum**, Reuter, *l. c.*, p. 80 : Uhler, List, p. 19.
Hab. Texas.

Genus **LABOPIDEA.**

- Uhler, Bull. Un. St. Surv., iii, 1877, p. 415.
- chlorisa**, Uhler, *l. c.*, p. 416 : List, p. 20.
Hab. Utah.

Genus **IRBISIA.**

Renter, *Ofvers. Finska Soc. Förh.*, xxi, 1879, p. 57; *Zool. Jahr.*, 1879, p. 509.

sericans (*Leptomerochoris*), Stål, *Stettin. Ent. Zeit.*, xix, 1858, p. 188; *Walk., Cat.*

Het., vi, p. 144; *Reut., l. c., supra.*

Hab. Siberia, Sitka.

Genus **DASOSCYTUS.**

Fieber, *Wien. Ent. Monats.*, viii, 1864, p. 84, t. 2, 11.

sordidus, Fieber, *l. c.*, p. 85; *Walk., Cat. Het.*, vi, p. 157.

Hab. Spain.

Genus **PLAGIOTYLUS.**

(Fieber) Scott, *Ent. Mon. Mag.*, x, 1874, p. 272.

maculatus, Scott, *l. c.*, p. 273; *Puton, Bull. Soc. Ent. Fr.*, (5 s.), ix, 1879, p. cx.

Hab. Britain, France.

Genus **HYOIDEA.**

Renter, *Pet. Nouv. Ent.*, ii, No. 147, 1876, p. 34.

notaticeps, Renter, *l. c.*, p. 34.

Hab. Russia, Hungary.

Div. X, **EXAERATABIA**, Renter, *Hem. Gymn. Eur.*, iii, 1883, p. 566.

Genus **EXAERETUS.**

Fieber, *Wien. Ent. Monats.*, viii, 1864, p. 81, t. 2, 9; *Walk., Cat. Het.*, vi, p. 70;

Reut., Bih. Vet.-Aka. Handl.; iii (i), 1875, p. 39; *Walk., Cat. Het.*, vi, p. 69.

Meyeri (*Camptotylus*), Frey Gessner, *MT. Schw. Ent. Ges.*, 1863, p. 119; *Fieb., l. c., supra*, p. 81; *Walk., Cat. Het.*, vi, p. 157.

Hab. S. Russia, Sarepta [*Atk., Sarepta, S. Russia*].

Genus **CAMPTOTYLUS.**

Fieber, *Eur. Hem.*, 1861, p. 70, 286; *Walk., Cat. Het.*, vi, p. 157; *Renter, Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 32, pt.

Reuterii, Jakowleff, *Bull. Mosc.*, lvi (i), 1881, p. 196.

Hab. S. Russia, Astrakhan, Sarepta.

Yersinii, Muls. & Rey, *Ann. Soc. Linn. Lyon*, vii, 1856, p. 129; *Fieb., Eur. Hem.*, p. 287; *Walk., Cat. Het.*, vi, p. 157.

Hab. S. France, Spain.

Genus **MEGALOBASIS.**

Renter, *Ofvers. Finska Soc. Förh.*, xxi, 1879, p. 205; *Zool. Jahr.*, 1879, p. 509; *Fedtsch. Turk.*, p. 23.

bipunctatus, Reuter, *Ofvers., l. c.*, p. 205; Fedtsch. Turk., p. 24.
Hab. Turkistan.

Linæ, Puton, *Bull. Soc. Ent. Fr.*, (6 s.) i, 1881, p. lxx.

aphidioides, Jakowleff, *Bull. Mosc.*, lvi (i), 1881, p. 190: *teste* Reut., Berlin.
Ent. Zeits., xxix, 1885, p. 159.

bipunctatus, var., Puton, *MT. Schw. Ent. Ges.* vi, 1881, p. 126, *nec* Reuter).

Hab. S. Russia, Caucasus.

Div. XI, **CREMNORRHINARIA**, Reuter, *Hem. Gymn. Eur.*, iii, 1883, p. 567.

Genus **CREMNORRHINUS**.

Reuter, *Ofvers. Finska Soc. Förh.*, xxii, 1880, p. 18; *Zool. Jahr.*, 1880, p. 140.

basalis, Reuter, *l. c.*, p. 19.

Hab. Greece.

Div. XII, **BOOPIDOCOBARIA**, Reuter, *Hem. Gymn. Eur.*, iii, 1883, p. 567.

Genus **BOOPIDOCORIS**.

Reuter, *Ofvers. Finska Soc. Förh.*, xxi, 1879, p. 202; *Zool. Jahr.*, 1879, p. 509;
Fedtsch. Turk., p. 15.

vitticollis, Reuter, *l. c.*, p. 202; Fedtsch. Turk., p. 16.

Hab. Turkistan.

Div. XIII, **DICYPHABIA**, Reuter, *Hem. Gymn. Eur.*, iii, 1883, p. 408, 566.

Genus **MACROLOPHUS**.

Fieber, *Crit. Phyt. Gen.*, 1859, g. 89, t. 6, f. 25, 32; *id.*, *Eur. Hem.*, p. 76, 321;
Reuter, *Rev. Caps.*, p. 125; *Hem. Gymn. Eur.*, iii, p. 435, 559, t. 1, f. 18.

costalis, Fieber, *Crit. Phyt.*, 1859, sp. 41; *id.*, *Eur. Hem.*, p. 322; *Walk., Cat. Het.*,
vi, p. 143; Reuter, *Hem. Gymn. Eur.*, iii, p. 436, 563, t. 4, f. 2.

? *melanotoma*, Costa, *Cim. Regn. Neap.*, Cent., iii, 1852, p. 269; Reuter,
l. c., *supra*, p. 438, 563.

Hab. Spain, Corsica, Italy, Switzerland, Greece.

glaucescens, Fieber, *Crit.*, 1859, sp. 39; *id.*, *Eur. Hem.*, p. 321; *Walk., Cat. Het.*,
vi, p. 143; Reuter, *Hem. Gymn. Eur.*, iii, p. 438, 563.

Hab. Hungary.

nubilus (*Capsus*), Herr. Schäff., in *Panzer Fauna Germ.*, 135, t. 9: Meyer., *Rhyn.*
Schw., p. 89; Fieber (*Macrolophus*), *Eur. Hem.*, p. 322; *Dougl. & Scott, Brit.*
Hem., p. 382, t. 12, f. 6; *Walk., Cat. Het.*, vi, p. 143; *Saund., Syn.*, p. 286;
Reuter, *Rev. Caps.*, p. 126; *Hem. Gymn. Eur.*, iii, p. 437, 477, 563, t. 1, f. 18;
t. 4, f. 3.

? *pygmaeus*, Rambur, *Faun. Andal.*, 1842, p. 163.

Hab. Scandinavia, N. Europe, Britain, France, Spain, Switzerland, Germany,
Austria, Italy [*Atk., Genoa*].

Genus **CYRTOPELTIS.**

- Fieber**, Eur. Hem., 1861, p. 76, 323 : Reuter, Hem. Gymn. Eur., iii, p. 434, 559, t. 1, f. 17.
- chlorogaster** (*Capsus*), Berg, Hem. Arg., 1879, p. 290 ; Add. Emend., 1884, p. 92.
Hab. Uruguay.
- geniculata**, Fieber, Eur. Hem., 1861, p. 323 : Walk., Cat. Het., vi, p. 144 : Reuter, Hem. Gymn. Eur., iii, p. 435, t. 4, f. 1.
Hab. Spain, France, Italy, Switzerland, Austria, Tyrol [*Atk.*, Stazzano].

Genus **DICYPHUS.**

- Fieber**, Crit. Phyt., 1859, 94 ; *id.*, Eur. Hem., p. 77, 325 : Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 27 ; Caps. Amer., p. 82 ; *id.*, Rev. Caps., p. 126 ; Hem. Gymn. Eur., iii, p. 411, 599, t. 1, f. 16.
Brachyceraea, Fieber, Crit. Phyt., 1859, g. 93 : *id.*, Eur. Hem., p. 77, 324.
Idolocatoris, Douglas & Scott, Brit. Hem., 1865, p. 380.
- agilis** (*Idolocatoris*), Uhler, Bull. Un. St. Surv., iii, 1878, p. 425 ; List, p. 20.
Hab. E. United States, Canada, Colorado.
- annulatus** (*Gerris*), Wolff, Ic. Cim., iv, 1804, p. 162, t. 16, f. 156 : Herr. Schöff. (*Capsus*), Wanz. Ins., iii, p. 52, t. 88, f. 270 : Meyer, Rhyn. Schw., p. 80 : Kirschb., Rhyn. Wiesb., p. 207, sp. 83, 247 : Fieber (*Brachyceraea*), Crit., 39 ; Eur. Hem., p. 325 ; Dougl. & Scott (*Idolocatoris*), Brit. Hem., p. 376 : Walk., Cat. Het., vi, p. 64 : Saund. (*Dicyphus*), Syn., p. 284 : Reuter, Hem. Gymn. Eur., iii, p. 432, 563, t. 2, f. 7 ; Rev. Syn. Het., p. 293.
Hab. Nearly all Middle & S. Europe [*Atk.*, Dunkirk].
- californicus** (*Capsus*), Stål, Freg. Eug. Rosa, Hem., 1859, p. 259 : Walk., Cat. Het., vi, p. 66 : Reuter, Caps. Amer., 1875, p. 82 : Uhler, List, p. 21.
Hab. California.
- constrictus** (*Capsus*), Bohem., Ofvers. Vet.-Aka. Förh., 1852, p. 74 : Reuter, Ent. Mon. Mag., xx, 1883, p. 51 ; Hem. Gymn. Eur., iii, p. 413, 560.
? *collaris*, Zett., Ins. Lapp., 1840, p. 279 (*nec* Fallen).
pallidus, Thomson, Opusc. Ent., iv, 1871, p. 435 ; Reuter, Rev. Caps., p. 128 ; *id.*, Ent. Mon. Mag., xx, p. 51.
Hab. Scandinavia, Scotland.
- epilobii**, Reuter, Ent. Mon. Mag., xx, 1883, p. 52 ; *id.*, Hem. Gymn. Eur., iii, p. 415, 561.
pallidus (*Idolocatoris*), Dougl. & Scott, Brit. Hem., 1865, p. 380 (*nec* Herr. Schöff.).
Hab. Britain, France, Germany, N. Italy [*Atk.*, Lille].
- errans** (*Gerris*), Wolff, Ic. Cim., iv, 1804, p. 161, t. 16, f. 155 : Fieber (*Dicyphus*), Eur. Hem., p. 326 : Thomson, Opusc. Ent., iv, 1871, p. 435 : Walk., Cat. Het., vi, p. 65 : Saund. Syn., p. 285 : Reuter, Ent. Mon. Mag., xx, p. 52 : Rev. Caps., p. 127 ; Hem. Gymn. Eur., iii, p. 417, 561, t. 3, f. 4 ; Rev. Syn. Het., p. 293.
collaris, Fallen, Mon. Cim., 1807, p. 103 ; *id.*, Hem. Suoc. p. 125 : Hahn, Wanz. Ins., ii, p. 121, f. 203 : Meyer, Rhyn. Schw., p. 83 : Kolenati

(*Blepharidopterus*), Mel. Ent., ii, p. 107: Costa, Cim. Regn. Neap., Cent., iii, p. 44: Kirschb., Rhyn. Wiesb., p. 202, sp. 24: Fieber (*Dicyphus*), Crit., 1859, 39: Dougl. & Scott, (*Idolocoris*), Brit. Hem., p. 379, t. 12, f. 4.

Hab. Nearly all Europe, Britain, Algeria [Atk., Lille].

famelicus (*Idolocoris*), Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 413; List, p. 20.

Hab. United States, New Hampshire.

geniculatus (*Brachyceraea*), Fieber, Eur. Hem., 1861, p. 325: Walk., Cat. Het., vi, p. 65: Reuter, Hem. Gymn. Eur., iii, p. 429, 562, t. 2, f. 8.

Hab. Corsica [Atk., Genoa].

globulifer (*Capsus*), Fallen, Hem. Suec., 1829, p. 124: Flor, Rhyn. Liv., i, p. 512: Fieber (*Brachyceraea*), Eur. Hem., p. 325: Dougl. & Scott (*Idolocoris*), Brit. Hem., p. 377: Thomson (*Orthotylus*), Opusc. Ent., iv, p. 435: Walk., Cat. Het., vi, p. 65: Saund. (*Dicyphus*), Sgn., p. 284: Reuter, Rev. Caps., p. 127; Hem. Gymn. Eur., iii, p. 430, 563, t. 2, f. 9.

alienus (*Capsus*), Herr. Schöff., Wanz. Ins., iii, 1835, p. 53, t. 88, f. 271:

Meyer, Rhyn. Schw., p. 80: Kirschb., Rhyn. Wiesb., p. 208, sp. 34.

cyllocoroides (*Capsus*), Scholtz., Arb. u. Veränd. d. Schles. Ges., 1846, 133, sp. 64.

scabricollis, Costa, Cim. Regn. Neap. Cent. Addit. 1860.

Hab. Scandinavia, N. & Middle Europe, Caucasus [Atk., Lille].

hyalinipennis (*Phytocoris*), Klug in Burm. Handb. Ent. ii, 183, p. 268: Fieber (*Brachyceraea*), Eur. Hem., p. 325: Walk., Cat. Het., vi, p. 64: Reuter, Ent. Mon. Mag. xx, 1883, p. 52; Hem. Gymn. Eur., iii, p. 419, 561, t. 3, f. 5.

Hab. Spain, Portugal, S. France, S. Austria, Greece, Asia Minor, Tunis.

Montandoni, Reuter, Rev. d' Ent., 1888, p. 62, ♂.

Hab. Roumania.

nigricollis (*Phylus*), Garbiglietti, Bull. Soc. Ent. Ital., i, 1869, p. 193; Paton, Ann. Soc. Ent. Fr. (5 s.), iv, 1874, p. 223: Reuter, Hem. Gymn. Eur., iii, p. 433, 563.

Hab. N. Italy.

orientalis, Reuter, Ofvers. Finska Vet. Soc., Förh., xxi, 1879, p. 203; Hem. Gymn. Eur., iii, 1883, p. 428, 562: Fedtsch. Turk., p. 20.

Hab. Turkistan.

pallidicornis (Fieber), Reuter, Hem. Gymn. Eur., iii, p. 423, 561, t. 3, f. 6.

pallidicornis (*Brachyceraea*), Fieber, Eur. Hem., 1861, p. 324: Dougl. & Scott (*Idolocoris*), Brit. Hem., p. 375, t. 12, f. 5: Walk., Cat. Het., vi, p. 64: Saund. (*Dicyphus*), Syn., p. 285: Reuter, Ent. Mon. Mag., xx, 1883, p. 53.

Hab. Britain, France, Spain, Germany, Austria.

pallidus (*Capsus*), Herr. Schöff., Wanz. Ins., iii, 1835, p. 51, t. 88, f. 269: Meyer, Rhyn. Schw., p. 84: Kirschb., Rhyn. Wiesb., p. 202, sp. 25: Fieber (*Dicyphus*), Eur. Hem., p. 326: Walk., Cat. Het., vi, p. 65: Saund. Syn., p. 285: Reuter, Ent. Mon. Mag. xx, 1883, p. 51; *id.*, Rev. Caps., p. 128; Hem. Gymn. Eur., iii, p. 412, 560, t. 3, f. 3.

Hab. France, Belgium, Switzerland, Germany, Austria, Caucasus [Atk., Lille].

Sedillotii, Puton, Expl. Scient. Tunisie, 1886, p. 20.

Hab. Tunis.

stachydis, Reuter, Ent. Mon. Mag, xx, 1883, p. 53; *id.*, Hem. Gymn. Eur., ii, p. 421, 561; J. Sahlb., Vet.-Aka. Haudl., xvi (4), 1878, p. 29.

collaris, Flor, Rhyn. Liv., i, 1860, p. 483 (*f. brach.*), pt.

errans, Reuter, Rev. Caps., p. 128 (*f. brach.*) (*nec Wolff*).

Hab. Scandinavia, Siberia, Britain, France, Switzerland, Austria.

tamaricis, Puton, Expl. Scient. Tunisie, 1886, p. 19.

Hab. Tunis.

testaceus, Reuter, Ofvers. Finska Vet. Soc., Förh., xxi, 1879, p. 204; *id.*, Hem. Gymn. Eur., iii, p. 425, 562; Fedtsch. Turk., p. 20.

Hab. Turkistan.

thoracicus, Reuter, Ofvers., l. c., *supra*, p. 204; *id.*, Fedtsch. Turk., p. 21; Hem., l. c. *supra*, p. 427, 562.

Hab. Turkistan.

Genus **CAMPYLONEURA.**

Fieber, Crit. Gen., 1859, 35; Eur. Hem., p. 67, 269; Reut., Hem. Gymn. Eur., iii, p. 409, 559, t. 1. f. 15.

virgula (*Capsus*), Herr. Schöff., Nomencl. Ent., 1835, p. 48, 188; *id.*, Wanz. Ins., iii, 1835, p. 51, t. 88, f. 269; Meyer, Rhyn. Schw., p. 85; Fieber (*Campyloneura*), Eur. Hem., p. 269; Dougl. & Scott, Brit. Hem., p. 373, t. 12, f. 10; Walk., Cat. Het., vi, p. 80; Saund., Syn., p. 281; Reuter, Rev. Caps., p. 130; Hem. Gymn. Eur., iii, p. 410.

pulchellus, Guérin, Règne Anim., Texte, iii, p. 348; Ic., ii, t. 56, f. 7.

Hab. Scandinavia, Britain, France, Belgium, Holland, Switzerland, S. Austria [*Atk.*, Lille].

Genus **ENGYTATUS.**

Reuter, Caps. Amer., 1875, p. 82.

geniculatus, Reuter, l. c., p. 83; Uhler, List, p. 20.

Hab. Texas.

Genus **HYALIODES.**

Reuter, Caps. Amer., 1875, p. 83.

vitripennis (*Capsus*), Say, Compl. Writ., i, 1859, p. 345; Reut., l. c., *supra*, p. 84; Uhler, List, p. 20; Riley, 3 Rep. Ins. Mo., 1870, p. 137, f. 58, 59; Glover, Rep. Dep. Agric. Un. St. for 1875, p. 125, f. 30.

Hab. United States, New York.

Genus **STHENAROPS.**

Uhler, Bull. Un. St. Surv., iii, 1877, p. 418.

chloris, Uhler, l. c., p. 419; List, p. 20.

Hab. Colorado.

malina, Uhler, l. c., p. 419; List, p. 20.

Hab. Massachusetts to Texas, Russian America.

Div. XIV, CYLLOCORARIA, Reuter, Hem. Gymn. Eur., iii, p. 319, 567.

Genus CYLLOCORIS.

Hahn, Wanz. Ins., ii, 188, p. 97, t. 60 B-E: Reuter, Ent. Mon. Mag., xv, 1878, p. 115; Hem. Gymn. Eur., iii, p. 401, 546.

Camarocyphus, Reuter, Ofvers. Finska Soc. Förh., xxii, 1880, p. 21; Zool. Jahr., 1880, p. 140.

Cyllocoris, pt., Hahn, Fieber, Eur. Hem., 1861, p. 69, 282.

Dryophilocoris, Subg. of *Globiceps*, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 80; Rev. Caps., p. 137.

Globiceps, pt, Latreille, Fieber, Eur. Hem., 1861, p. 69, 282.

Perideris, Fieber, Verh. Zool. Bot. Ges. Wien, xx, 1870, p. 249.

Amyotii, Stål, Rio. Jan. Hem., i, 1858, p. 55: Walk., Cat. Het., vi, p. 67.

Hab. Rio Janeiro.

bis-bistillatus, Stål, l. c. *supra*, p. 54: Walk., Cat. Het., vi, p. 67.

Hab. Rio Janeiro.

Costae, Stål, Rio Jan. Hem., i, 1858, p. 54; Walk., Cat. Het., vi, p. 67.

Hab. Rio Janeiro.

occurbitaceus (*Phytocoris*), Spinola, Gay's Hist. Fis. Chili, vii, 1852, p. 196, 19 Sign., Ann. Soc. Ent. Fr., (4 s.) iii, 1863, p. 571: Walk., Cat. Het., vi, p. 67.

Hab. Chili.

equestris (*Cyllocoris*), Stål, Stettin. Ent. Zeit., xix, 1858, p. 182, ♀: Walk., Cat. Het., vi, p. 62: Reuter, Hem. Gymn. Eur., iii, p. 407, 558.

Hab. E. Siberia, Irkutsk.

flavoquadrimaculatus (*Cimez*), De Geer, Mém., iii, 1773, p. 295: Reuter, Caps. Syn., p. 12; *id.*, Ent. Mon. Mag., xv, 1878, p. 115; Hem. Gymn. Eur., iii, p. 404, 557, t. 5, f. 26; Rev. Syn. Het., p. 300.

flavomaculatus (*Lygaeus*), Wolff, Ic. Cim., iii, 1802, p. 114, t. 11, f. 108 (*nom. praeoc.*): Latreille, Hist. Nat., xii, 1804, p. 233: Panzer, Fauna Germ., 92, 1805, f. 16: Burm., Handb. Ent., ii (i), p. 267: Hahn (*Cyllocoris*), Wanz. Ins., iii, p. 10, t. 76, f. 235: Spinola, Ess., p. 188: Herr Schöff., Wanz. Ins., ix, index, p. 35.

flavotatus, Bohem., Nya Svenska Hem., 1852, p. 71: Kirschb., Rhyn. Wiesb., p. 207, sp. 32, p. 269: Fieber, Crit., 24; *id.*, Eur. Hem., p. 283: Flor, Rhyn. Liv., i, p. 467: Dougl. & Scott, Brit. Hem., p. 366: Thomson, Opusc. Ent., iv, p. 436: Walk., Cat. Het., vi, p. 63: Saund., Syn., p. 279: Reuter, (*Dryophilocoris*) Rev. Caps., p. 137; Ent. Mon. Mag. xv, 1878, p. 118.

ochromelas, Gmelin, Syst. Nat., iv, 1788, p. 2165.

quadrimaculatus, Schrank, Fauna Boica, ii, 1801, p. 92.

tricoloratus, Turton, Syst. Nat., ii, 1806, p. 676.

tricolor, Gmelin, Syst. Nat., iv, 1788, p. 2165.

Hab. All Europe to S. Scandinavia [*Atk.*, Lille].

- graeculentus**, Stål, Rio Jan. Hem., i, 1858, p. 53 : Walk., Cat. Het., vi, p. 66.
 Hab. Rio Janeiro.
- histrionicus** (*Cimes*), Linn., Syst. Nat., (ed. 12), 1767, p. 728 : Herr. Schöff. (*Capsus*), Nomencl. Ent., i, p. 48 : Burm., Handb. Ent., ii (i), p. 267 : Blanchard, Hist. Ins., 1840, p. 138 : Meyer, Rhyn. Schw., p. 90 : Kolenati (*Kelidocoris*), Mel. Ent., ii, p. 103 : F. Sahlb., Geoc. Fenn., p. 96 : Herr. Schöff., Wanz. Ins., ix, index, p. 36 : Kirschb., Rhyn. Wiesb., p. 203, sp. 26 : Flor, Rhyn. Liv., i, p. 475 : Fieber, Crit., 24 ; *id.*, Eur. Hem., p. 232 : Dougl. & Scott, Brit. Hem., p. 368 : Thomson, Opusc. Ent., iv, p. 436 : Walk., Cat. Het., vi, p. 62 : Saund., Syn., p. 280 : Reuter, Rev. Caps., p. 131 ; *id.*, Hem. Gymn. Eur., iii, p. 406, 558, t. 1, f. 14, a, b ; t. 5, f. 25 ; *id.*, Rev. Syn. Het., p. 299.
agilis, Fabr., Spec. Ins., 1781, p. 374 ; *id.*, Syst. Rhyng., p. 247 : Wolff, Ic. Cim., iv, p. 153, t. 15, f. 147 : Latreille, Hist. Nat., xii, p. 233 : Fallen, Mon. Cim., p. 100 ; *id.*, Hem. Suec., p. 120 : Hahn, Wanz. Ins., ii, p. 98, t. 60, f. 182 : Costa, Cim. Regn. Neap., Cent. i, 1888, p. 50 : Westwood (*Cyllocoris*), Intr. Mod. Class. Ins., ii, p. 122.
cantharivus, Müller, Zool. Dan., 1776, p. 108.
cordatus, Geoffroy, Fourer. Ent. Par., 1785, p. 206.
cordiger, Goeze, Ent. Beytr., ii, 1778, p. 266.
fulvipes, Schrank, Fauna Boica, ii, 1801, p. 93.
leucozonias, Gmelin, Syst. Nat., iv, 1788, p. 2164.
vittatus, Gmelin, l. c., p. 2166 : Donovan, Brit. Ins., vii, p. 252 ?
 Hab. All Europe to S. Scandinavia, Caucasus, Derbent [*Atk.*, Lille, Hungary].
- lacteus** (*Phytocoris*), Spinola, Gay's Hist. Fis. Chili, vii, 1852, p. 195, 18 : Signoret, Ann. Soc. Ent. Fr., (4 s.) iii, 1863, p. 571 : Walk., Cat. Het., vi, p. 67.
 Hab. Chili.
- luteus** (*Capsus*), Herr. Schöff., Wanz. Ins., iii, 1835, p. 78, t. 98, f. 297 : Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 181 ; Hem. Gymn. Eur., iii, p. 402, 557, t. 1, f. 13 ; t. 5, f. 24.
nigrogularis (*Camarocyphus*), Reuter, Ofvers. Finska Soc. Förh., xxii, 1880, p. 22.
 Hab. Austria, Greece.
- marginatus** (*Perideris*), Fieber, Verh. Zool. Bot. Ges. Wien, xx, 1870, p. 249, t. 5, f. 6 : Walk., Cat. Het., vi, p. 61 : Reuter, Hem. Gymn. Eur., iii, p. 405, 558, t. 1, f. 14 ; t. 3, f. 2 ; t. 5, f. 27.
 Hab. Greece.
- petiolatus**, Stål, Rio Jan. Hem., i, 1858, p. 55 : Walker, Cat. Het., vi, p. 67.
 Hab. Rio Janeiro.
- quadristillatus**, Stål, Rio Jan. Hem., i, 1858, p. 54 : Walker, l. c., *supra*, p. 67.
 Hab. Rio Janeiro.
- sanguiniceps**, Stål, l. c. *supra*, p. 54 : Walker, l. c. *supra*, p. 67.
 Hab. Rio Janeiro.
- scutellatus**, Spinola, Gay's Hist. Fis. Chili, vii, 1852, p. 190, 9 : Walker, Cat. Het., vi, p. 67.

jucundus, Sign., Ann. Soc. Ent. Fr., (4 s.) iii, 1868, p. 570, t. 11, f. 5 : *id.*, p. 586.

Hab. Chili.

stillatipennis, Stål, Rio Jan. Hem., i, 1858, p. 54 : Walker, Cat. Het., vi, p. 67.

Hab. Rio Janeiro.

Genus **AETORRHINUS.**

Fieber, Eur. Hem., 1861, p. 70, 285 : Reuter, Rev. Caps., p. 138 ; Hem. Gymn. Eur., iii, p. 399, 546, t. 1, f. 12 ; Walk., Cat. Het., vi, p. 164.

Blepharidopterus, Kolenati, Mel. Ent., ii, 1845, p. 108.

Haetorhinus, Fieber, Crit. Gen. Phyt., 1859, 52, t. 6, f. 8, 31.

angulatus (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 81 : Zett., Ins. Lapp., p. 272 : Herr. Schöff. (*Capsus*), Wanz. Ins., iii, p. 75, t. 97, f. 292 : Meyer, Rhyn. Schw., p. 89 : F. Sahlb., Geoc. Fenn., p. 97 : Kirschb., Rhyn. Wiesb., p. 203, sp. 27 : Flor, Rhyn. Liv., i, p. 477 : Kolenati (*Polymerus* subg. *Blepharidopterus*), Mel. Ent., ii, p. 108 : Fieber (*Aetorhinus*), Eur. Hem., p. 285 : Thomson, Opusc. Ent., iv, p. 437 : Dougl. & Scott, Brit. Hem., p. 347, t. 11, f. 4 : Walk., Cat. Het., vi, p. 64 : Saund., Syn., p. 281 : Reuter, Rev. Caps., p. 138 ; Hem. Gymn. Eur., iii, p. 400, 557.

Hab. All Europe, Caucasus [*Atk.*, Pyrenees].

Genus **GLOBICEPS.**

(Latreille), Am. & Serv. Ins. Hém., 1848, p. 282 : Walk., Cat. Het., vi, p. 62 : Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 28 ; Ent. Mon. Mag., xv, 1878, p. 115 ; Hem. Gymn. Eur., iii, p. 386, 545, t. 5, f. 19-23, 30.

subg. *Globiceps*, Latreille, Reuter, Bih. l. c. *supra*.

„ *Kelidocoris* (subg. of *Polymerus*), Kolenati, Mel. Ent., ii, 1845, p. 102 : Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 28 ; *id.*, Rev. Caps., p. 133.

albipennis, Jakowleff, Bull. Mosc., lii (2), 1877, p. 294, ♀ : Reuter, Hem. Gymn. Eur., iii, p. 390, 556.

Hab. Astrakhan, Charkov.

ater, Douglas & Scott, Ent. Mon. Mag., ii, 1866, p. 248 : Walk., Cat. Het., vi, p. 63 : Saund., Syn., p. 280 : Reuter, Hem. Gymn. Eur., iii, p. 398.

Hab. England.

*cruciatu*s, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 36 ; Hem. Gymn. Eur., iii, p. 393, 556, t. 5, f. 20 (*vide* Puton, Cat., 1886, p. 55).

flavomaculatus, Kolenati, Mel. Ent., ii, 1845, p. 103 ? ; Fieber, Eur. Hem., p. 284 (*nec* Fabr.) : Dougl. & Scott, Brit. Hem., p. 364 : Reuter, Ent. Mon. Mag., xvii, 1880, p. 13.

fulvipes, Saund., Syn., 1875, p. 279 (*nec* Reuter).

suturalis, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 37.

Hab. N. & Middle Europe, Britain, Greece, Russia, Transcaucasia.

dispar (*Cyllecoris*), Bohem., Nya Svenska Hem., 1852, p. 72 : Flor, Rhyn. Liv., i, p. 472 : Fieber (*Globiceps*), Eur. Hem., p. 283 : Dougl. & Scott, Ent. Mon. Mag., ii, p. 249 ; iv, p. 48, t. 1, f. 4 : Walk., Cat. Het., vi, p. 63 : Saund., Syn., p. 280 :

Reuter Bih. Vet.-Aka. Handl., iii (i), p. 29; (*Kelidocoris*), Rev. Caps., p. 186; *id.*, Hem. Gymn. Eur., p. 397, 557, t. 3, f. 1, ♂.

Hab. Scandinavia, Livonia, Germany, France, Britain.

fasciolaris (*Phytocoris*), Blanchard, Gay's Hist. Fis. Chil., vii, 1852, p. 191, 10; Signoret, Ann. Soc. Ent. Fr., (4 s.) iii, 1863, p. 573: Walk., Cat. Het., vi, p. 68.

Hab. Chili.

flavomaculatus (*Lygaeus*), Fabr., Ent. Syst. iv, 1794, p. 182; *id.*, (*Capsus*), Syst. Rhyng., p. 246: Fallen, Mon. Cim., p. 100; *id.*, Hem. Suec., p. 120: Costa, Cim. Regn. Neap., i, 1838, p. 50, var. *a*, ? : Zett., Ins. Lapp., p. 278: Meyer, Rhyn. Schw., p. 91? : Kolenati, Mel. Ent., ii, p. 103: F. Sahlb., Geoc. Fenn., p. 96: Kirschb., Rhyn. Wiesb., p. 206, sp. 31: Flor, Rhyn. Liv., i, p. 469: Thomson, Opusc. Ent., iv, p. 436: Walk., Cat. Het., vi, p. 63: Saund., Syn., p. 279: Reuter, Rev. Caps., p. 133; *id.*, Hem. Gymn. Eur., iii, p. 395, 557, t. 5, f. 19; *id.*, Rev. Syn. Het., p. 298.

distinguendus, Voll., Hem. Neerl., 1878, p. 116 (*nec* Herr. Schöff.).

selectus, Fieber, Crit. Gen. Phyt., 1859, sp. 13; Eur. Hem., p. 284; Dougl. & Scott, Brit. Hem., p. 364: Walk., Cat. Het., vi, p. 63: Reuter, Ent. Mon. Mag., xvii, 1880, p. 13.

Hab. Scandinavia, Britain, France, Germany, Austria, Russia. [*Atk.*, Lille, Dunkirk, Genoa].

fulvicollis, Jakowleff, Bull. Mosc., lii (2), 1877, p. 293: Reuter, Hem. Gymn. Eur., iii, p. 388, 555: Horvath, Rev. d' Ent., vii, 1888, p. 181, ♂.

Hab. S. Russia, Sarepta, E. Caucasus.

Pictetii, Fieber, Eur. Hem., 1861, p. 283: Walk., Cat. Het., vi, p. 63: Reuter, Hem. Gymn. Eur., iii, p. 389, 556, t. 2, f. 8; t. 5, f. 22.

Hab. Spain.

salicicola, Reuter, Abo Hem., 1880, p. 171; Ent. Mon. Mag., xvii, 1880, p. 13; Hem. Gymn. Eur., iii, p. 392, 556, t. 5, f. 21.

fulvipes, Reuter, Caps. Syn., 1875, p. 13; Bih. Vet. Aka. Handl., iii (i), p. 28; *id.*, Rev. Caps., p. 134 (*nec* Scop.); Ent. Mon. Mag., xv, p. 66; xvii, p. 13.

flavomaculatus, var. 1. F. Sahlb., Geoc. Fenn., 1848, p. 97.

Hab. Scandinavia.

sordidus, Reuter, Pet. Nouv. Ent., ii, no. 144, 1876, p. 21; *id.*, Hem. Gymn. Eur., iii, p. 390, 556, t. 5, f. 23.

Hab. France, Austria.

sphaegiformis (*Cimez*), Rossi, Fauna Etrusc., ii, 1790, p. 250: Kolenati, Mel. Ent., ii, p. 110: Fieber (*Globiceps*), Eur. Hem., p. 283: Walk., Cat. Het., vi, p. 62: Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 28; Hem. Gymn. Eur., iii, p. 387, 555, t. 5, f. 30; *id.*, Rev. Syn. Het., p. 298.

bifasciatus, Herr. Schöff., Nomencl. Ent., i, 1836, p. 48; Hahn, Wanz. Ins., iii, p. 48, t. 87, f. 265 (*nec* Fabr.), ♂.

capito (*Globiceps*), Lep. & Serv., Enc. Méth., x, 1825, p. 326: Am. & Serv., Ins. Hém., p. 282: Costa, Cim. Regn. Neap., Cent. iii, p. 46: Fieber, Crit., 24.

decoratus, Meyer, Rhyn. Schw., 1843, p. 88 : Kirschb., Rhyn. Wiesb., p. 206, sp. 30 P : Flor, Rhyn. Liv., i, p. 474.

Hab. Middle & S. Europe, S. Russia, Caucasus [Atk., Genoa].

Genus **MECOMMA.**

Fieber, Crit. Gen. Phyt., 1859, 50, t. 6, f. 17 ; Eur. Hem., p. 69, 284 : Walker, Cat. Het., vi, p. 130 : Reuter, Hem. Gymn. Eur., iii, p. 383, 545, t. 1, f. 11.

Chlamydatus, pt, Curtis : *Sphyracephalus*, pt, Dougl. & Scott, Brit. Hem., 1865, p. 349 (nom. *praeoc.*) : *Sphyrops*, Dougl. & Scott, Ent. Mon. Mag., iii, 1866, p. 16.

ambulans (*Capsus*), Fallen, Hem. Suec., 1829, p. 126 (excl. var γ) : Herr. Schöff., Wanz. Ins., iii, p. 109, t. 108, f. 335, ♂ ; f. 336-7, ♀ : Meyer, Rhyn. Schw., p. 86 : Zett., Ins. Lapp., p. 279 : F. Sahlb., Geoc. Fenn., p. 94 : Kirschb., Rhyn. Wiesb., p. 236, sp. 88, p. 277, ♂ : Flor, Rhyn. Liv., i, p. 577 : Thomson (*Orthotylus*), Opusc. Ent., iv, p. 437 : Fieber (*Mecomma*), Eur. Hem., p. 284 : Dougl. & Scott (*Sphyracephalus*), Brit. Hem., p. 349, t. 11, f. 5 : Walk., Cat. Het., vi, p. 130 : Saund., Syn., p. 282 : Reuter, Caps. Syn., p. 13 ; *id.*, Rev. Caps., p. 140 ; Hem. Gymn. Eur., iii, p. 384, 555, t. 1, f. 11 ; t. 2, f. 1, 2 : Uhler, List, p. 20.

dubius, Zett., Ins. Lapp., 1840, p. 279, ♀.

nigritulus, Zett., l. c., p. 279, 8, ♀ (*form macr.*)

ochripes, Curtis, Brit. Ent. xv, 1838, 693.

Hab. N. Europe, Austria, Russia N. America [Atk., Lille].

gilvipes (*Leptomerocoris*), Stål, Stettin. Ent. Zeit., 1858, p. 187, ♀ : Walk., Cat. Het., vi, p. 144 : Reuter, Ofvers. Finska Vet. Soc. Förh., xxi, p. 57 ; Hem. Gymn. Eur., iii, p. 386, 555, t. 2, f. 6.

Hab. Sitkha.

Genus **CYR TORRHINUS.**

Fieber, Crit. Gen., 1859, 51 ; Eur. Hem., p. 69, 284 : Reuter, Hem. Gymn. Eur., iii, p. 379, 545, t. 1, f. 10.

Chlamydatus, pt, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 30.

Sphyracephalus, pt, Douglas & Scott, Brit. Hem., 1865, p. 349.

Tytthus, Fieber, Wien. Ent. Monats., viii, 1864, p. 82, t. 2, 10.

caricis (*Capsus*), Fallen, Hem. Suec., 1829, p. 123 : F. Sahlb., Geoc. Fenn., p. 92, ♂ : Kirschb., Rhyn. Wiesb., p. 236, sp. 87, p. 277 (*encl. syn.*) : J. Sahlb. (*Cyrtorhinus*), Notis. Skpts pro Fauna. Fl. Fenn., ix, p. 176 : Thomson (*Orthotylus*), Opusc. Ent., iv, p. 437 : Saund. (*Chlamydatus*), Syn., p. 282 : Reuter, Caps. Syn., p. 14 ; *id.*, Rev. Caps., p. 144 ; Hem. Gymn. Eur., iii, p. 383, 555, t. 1, f. 10 ; t. 2, f. 3, ♀ ; Fedtsch. Turk., p. 21.

chloropterus, Herr. Schöff., Wanz. Ins., ix, index, p. 34 (*nec* Kirschb.).

elegantulus, Meyer, Rhyn. Schw., 1843, p. 69, t. 5, f. 2 (*nec* Guérin) : Bohem.

Nya Svenska Hem., p. 22 : Fieber (*Cyrtorhinus*), Eur. Hem., p. 285 : Dougl. & Scott (*Sphyracephalus*), Brit. Hem., p. 351 : Walk., Cat. Het., vi, p. 130.

Hab. N. Europe, Britain, Caucasus, Turkistan.

flavoculus (*Tytthus*), Reuter, Notis. Skpts pro Fauna Fl. Fenn., xi, 1871, p. 323, t. 1, f. 6; (*Chlamydatus*) Abo Hem., p. 175; Hem. Gymn. Eur., iii, p. 380, 554.

insignis (*Chlamydatus*), Reuter, Rev. Caps., 1876, p. 142 (*nec* Dougl. & Scott); Ent. Mon. Mag., xiv, 1877, p. 131: Walk., Cat. Het., vi, p. 131.

Hab. Scandinavia.

geminus (*Capsus*), Flor, Rhyn. Liv., i, 1860, p. 606: Fieber, Wien. Ent. Monats., viii, 1864, p. 84: Walk., Cat. Het., vi, p. 131: Reuter, Rev. Caps., p. 142; *id.*, Hem. Gymn. Eur., iii, p. 382, 554, t. 2, f. 5, ♀.

Hab. Finland, Livonia.

lividipennis, Reuter, Ent. Tijds., v, 1884, p. 199.

Hab. Great Nicobars.

pygmaeus (*Capsus*), Zetterstedt, Ins. Lapp., 1840, p. 279: Flor, Rhyn. Liv., i, p. 605: Fieber (*Tytthus*), Wien. Ent. Monats., viii, 1864, p. 83: Thomson (*Orthotylus*), Opusc. Ent., iv, p. 437: Walk., Cat. Het., vi, p. 131: Reuter (*Chlamydatus*), Caps. Syn., p. 16; *id.*, Rev. Caps., p. 143; Hem. Gymn. Eur., iii, p. 381, 554, t. 2, f. 4, ♀.

pellucens, Bohem., Nya Svenska Hem., 1852, p. 76.

var. *insignis* (*Tytthus*), Douglas & Scott, Ent. Mon. Mag., ii, 1866, p. 247, fig.: Saund., Syn., p. 282.

Hab. Scandinavia, N. France, Britain.

Genus **MICROTECHNITES.**

Berg, Hem. Arg. Add. Emend., 1884, p. 89.

pygmaeus (*Deraeocoris*), Berg, Hem. Arg., 1879, p. 290; Add. Emend., p. 90.

Hab. Buenos Ayres.

Genus **AMIXIA.**

Reuter, Hem. Gymn. Eur., iii, 1888, p. 377, 545.

bicolor, Reuter, Hem. Gymn. Eur., iii, 1888, p. 378, 554, t. 1, f. 9 *d-f*.

Hab. Greece.

longiceps, Reut., *l. c.*, p. 378, 554, t. 1, f. 9*a-c*.

Hab. Greece, Naxos.

Genus **PARTHENIUS.**

Reuter, Caps. Amer., 1876, p. 84.

psallodes, Reuter, *l. c.*, p. 85: Uhler, List, p. 20.

Hab. Texas.

Genus **ORTHOTYLUS.**

Fieber, Crit. Gen., 1859, 57; Eur. Hem., p. 71, 238: Reuter, Hem. Gymn. Eur., iii, p. 342, 545, t. 1, f. 7.

Allocotus (Fieb.), Puton, Ann. Soc. Ent. Fr. (5 s.), iv, 1874, p. 218, t. 7, f. 2: Sign. Ann. Mus. Civ. Gen., xv, 1880, p. 531: Reut., Bih. Vet.-Aka. Handl., iii (i), p. 36.

Halocapsus, Puton, Bull. Soc. Ent. Fr., (5 s.), viii, 1878, p. xxxiii.

Litocoris, Fieber, Eur. Hem., 1861, p. 70, 287.

Litosoma, Dougl. & Scott, Brit. Hem., 1865, p. 334.

Melanotrichus, Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 35.

Pachylops, pt, Fieb., Eur. Hem., 1861, p. 70, 285.

Tichorhinus, Fieb., Crit. Gen., 1859, 55, t. 6, f. 24.

Adenocarpi (*Capsus*), Ferris, Ann. Soc. Linn. Lyon, iv, 1857, p. 167: Reuter, Ent.

Mon. Mag., xiv, 1877, p. 129; Hem. Gymn. Eur., iii, p. 367, 553.

Douglasii, Saunders, Syn. Brit. Hem., 1875, p. 293.

Hab. Britain, France, Spain.

alaiensis, Reuter, Hem. Gymn. Eur. iii, 1883, p. 361, 552; Fedtsch. Turk., p. 22.

Hab. Turkistan.

artemisiae, J. Sahlberg, Vet.-Aka. Handl., xvi (4), 1878, p. 29: Reuter, Hem. Gymn.

Eur., iii, p. 368, 552.

Hab. Siberia.

bilineatus (*Capsus*), Fallen, Hem. Suec., 1829, p. 122: F. Sahlb., Geoc. Fenn., p. 94:

Thomson, Opusc. Ent., iv, p. 432: Saund., Syn., p. 290: Reuter, Caps. Syn., p. 16; *id.*, Rev. Caps., p. 146; Hem. Gymn. Eur., iii, p. 346, 549

Kirschbaumii (*Capsus*), Flor, Rhyn. Liv., i, 1860, p. 614: Fieber (*Actorhinus*), Erört. Zur. Nom. d. Rhyn. Liv., p. 6.

Hab. Scandinavia, Russia, France, Britain.

boreellus (*Capsus*), Zetterstedt, Ins. Lapp., 1840, p. 278; J. Sahlb., Notis. Skpts

Fauna Fl. Fenn., ix, 1867, p. 227: Thomson, Opusc. Ent., iv, p. 433: Reuter, Caps. Syn., p. 16; *id.*, Rev. Caps., p. 146; Hem. Gymn. Eur., iii, p. 345, 549, t. 5, f. 6.

Hab. Lapland, N. Sweden.

ohloropterus (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 249, sp. 121, p. 316 (*nec*

Herr. Schöff.; *nec* Fieber): Reuter, Ent. Mon. Mag., xiv, 1877, p. 123; *id.*, Hem. Gymn. Scan. & Fenn., p. 152, pt: Puton, Cat., 1886, p. 56.

concolor, pt, Dougl. & Scott, Brit. Hem., p. 340 (*nec* Kirschb.): Walk., Cat. Het., vi, p. 132: Saund., Syn., p. 293.

virescens, Dougl. & Scott, *l. c.*, p. 339: Walk., Cat. Het., vi, p. 153: Reuter, Hem. Gymn. Eur., iii, p. 364, 552.

Hab. Nearly all Europe, Britain [Atk., Lille, Genoa].

concolor (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 249, sp. 119, p. 315: Fieber,

Eur. Hem., p. 289: Dougl. & Scott, Brit. Hem., p. 340, pt: Reuter, Ent. Mon. Mag., xiv, 1877, p. 123: Hem. Gymn. Eur., iii, p. 366, 553.

Hab. Scandinavia, Britain, France, Spain, Switzerland, Germany [Atk., Vosges, France].

cupressi, Reuter, Rev. d' Ent., ii, 1883, p. 253; Hem. Gymn. Eur., iii, p. 349, 477, 550.

Hab. S. France.

diaphanus (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 238, sp. 97, p. 305: Flor,

Rhyn. Liv., i, p. 613: Fieber, Eur. Hem., p. 290: Dougl. & Scott, Ent. Mon. Mag., iv, p. 47: Walk., Cat. Het., vi, p. 132: Saund., Syn., p. 291: Reuter, Ent. Mon.

Mag., xiv, 1877, p. 62; xvii, 1880, p. 12; Hem. Gymn. Eur., iii, p. 358, 551.

viridinervis, Thomson, Opusc. Ent., iv, 1871, p. 456.

Hab. N. Europe, Germany, Austria, Astrakhan [*Atk.*, Dunkirk].

discolor, J. Sahlberg, Vet.-Aka. Handl., xvi (4), 1878, p. 29 : Reut., Hem. Gymn. Eur., iii, p. 369, 551.

Hab. Siberia, Yenisei.

elegni, Jakowleff, Bull. Mosc., lvi (i), 1881, p. 200 : Reut., Hem. Gymn. Eur., iii, p. 357, 551.

Hab. Caucasus.

cricetorum (*Lygaeus*), Fallen, Mon. Cim., 1807, p. 91 : *id.* (*Phytocoris*), Hem. Suec., p. 105 : F. Sahlb. (*Capsus*), Geoc. Fenn., p. 104 : Kirschb., Rhyn. Wiesb., p. 260, sp. 122 : Flor, Rhyn. Liv., i, p. 587 : Fieber (*Litocoris*), Eur. Hem., p. 287 : Dougl. & Scott (*Litosoma*), Brit. Hem., p. 343 : Walk., Cat. Het., vi, p. 158 : Saund., (*Orthotylus*), Syn., p. 294 : Thomson, Opusc. Ent., iv, p. 440 ; Reuter, Rev. Caps., p. 154 ; *id.*, Hem. Gymn. Eur., iii, p. 376, 554, t. 1, f. 7e.

limbatus, Perris, Ann. Soc. Linn. Lyon, 1857, p. 165.

? *prasinus*, Hahn, Wanz. Ins., iii, 1835, p. 8, t. 75, f. 233.

Hab. N. & Middle Europe, Austria, Russia [*Atk.*, Lille].

Fieberii, Frey Gessner, MT. Schw. Ent. Ges., 1864, p. 260 : Walk., Cat. Het., vi, p. 183 : Reuter, Hem. Gymn. Eur., iii, p. 360, 552.

Hab. S. Russia, Sarepta.

flavinervis (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 239, sp. 99, p. 278, 307 : Fieber (*Orthotylus*), Eur. Hem., p. 289 : Dougl. & Scott (*Litosoma*), Brit. Hem., p. 338 : Walk., Cat. Het., vi, p. 132 : Saund., Syn., p. 292 : Reuter, Abo. Hem., p. 176 ; Hem. Gymn. Eur., iii, p. 348, 549, t. 5, f. 8.

? *icterocephalus*, Hahn, Wanz. Ins., i, 1831, p. 149, t. 23, f. 75.

Hab. Scandinavia, Britain, France, Germany, Switzerland, S. Austria.

flavosparsus (*Phytocoris*), C. Sahlberg, Acta Soc. Scien. Fenn., i, p. 411 : Bohem., Ofvers. Vet.-Akad. Förh., 1852, p. 65 : F. Sahlb. (*Capsus*), Geoc. Fenn., p. 103 : Kirschb., Rhyn. Wiesb., p. 249, sp. 120 : Flor, Rhyn. Liv., i, p. 582 : Fieber (*Orthotylus*), Eur. Hem., p. 283 : Dougl. & Scott (*Litosoma*), Brit. Hem., p. 341 : Walk., Cat. Het., vi, p. 131 : Saund., Syn., p. 292 : Reuter, Caps. Syn., p. 18 ; *id.*, Ent. Mon. Mag., xiv, 1877, p. 128 ; Rev. Caps., p. 151 ; Hem. Gymn. Eur., iii, p. 360, 552 ; Fedtsch. Turk., p. 23.

prasinus (*Hypotylus*), Dougl. & Scott, Brit. Hem., 1865, p. 344 (*nec* Fieber).

viridipennis, Dahlbom, König. Vet.-Aka. Handl., 1850, p. 212.

Hab. Lapland, Italy, Tunis, Turkistan [*Atk.*, Dunkirk].

fuscescens (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 237, sp. 92, p. 299 : Reuter, Pet. Nouv. Ent., i, 1875, p. 551 : Hem. Gymn. Eur., iii, p. 344, 477, 549, t. 4, f. 5 ; t. 5, f. 5.

luridus, Reuter, Hem. Gymn. Scan. & Fenn., 1875, p. 153.

obsoletus, Reuter, Ofvers. Vet.-Aka. Förh., 1874, p. 48 (*nec* Dougl. & Scott).

pinitellus (*Brachyarthrum*), Fieber, Eur. Hem., 1861, p. 301.

Hab. Scandinavia, Britain, Germany, France, Switzerland, Greece.

Lethierryi, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 37 ; Hem. Gymn. Eur., iii, p. 375, 554.

Hab. Algeria, Biskra.

R

marginalis, Reuter, Hem. Gymn. Eur., iii, 1888, p. 350, 550, t. 1, f. 7 a-b; t. 5, f. 9
nassatus (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 80 (*nec* Fabr.): Zett.,
 Ins. Lapp., p. 272: Kolenati, Mém. Ent., ii, p. 177: Meyer, Rhyn. Schw.,
 p. 50: F. Sahlb. Geoc. Fenn., p. 102: Kirschb., Rhyn. Wiesb., p. 238,
 sp. 98: Flor, Rhyn. Liv., i, p. 618: Fieber (*Orthotylus*), Eur. Hem.,
 p. 289: Dougl. & Scott (*Litosoma*), Brit. Hem., p. 337, t. 11, f. 3: Thom-
 son, Opusc. Ent., iv, p. 439: Walk., Cat. Het., vi, p. 132: Saund., Syn.,
 p. 292: Reuter, Hem. Gymn. Scan. & Fenn., p. 148.

Hab. Lapland, Britain, Spain, Greece, Siberia [*Att.*, Lille].

Martini, Puton, Rev. d' Ent., vi, 1887, p. 307.

Hab. Algeria, Biskra.

Mayrii, Signoret, Ann. Mus. Civ. Gen., xv, 1880, p. 532.

Hab. New Guinea.

minutus, Jakowleff, Bull. Mosc., lii (2), 1877, p. 296: Reuter, Hem. Gymn. Eur.,
 iii, p. 371, 553; Fedtsch. Turk., p. 23.

Hab. Greece, S. Russia, Caucasus, Turkistan.

mutabilis, F. B. White, Proc. Zool. S. Lond., 1878, p. 467.

Hab. St. Helena.

nassatus (*Cimes*), Fabr., Mant. Ins., ii, 1787, p. 304; *id.*, Syst. Rhyng., p. 236:
 Reuter, Hem. Gymn. Eur., iii, p. 352, 550, t. 5, f. 10; *id.*, Rev. Syn. Het., p. 297.

flavicornis, Latreille, Hist. Nat., xii, 1804, p. 224.

stricornis, Kirschb., Rhyn. Wiesb., 1855, p. 238, sp. 96, p. 303: Flor (*Cap-
 sus*), Rhyn. Liv., i, p. 615: Fieber (*Orthotylus*), Eur. Hem., p. 289:
 Dougl. & Scott (*Litosoma*), Brit. Hem., p. 336: Walk., Cat. Het., vi,
 p. 132: Saund., Syn., p. 291: Reuter, Ent. Mon. Mag., xvii, 1880, p. 11;
 Rev. Caps., p. 150.

Hab. Nearly all Europe [*Att.*, Loire Inférieure].

obscurus, Reuter, Pet. Nouv. Ent., i, no. 138, 1875, p. 551; Hem. Gymn. Eur., iii,
 p. 343, 549: Puton, Cat., 1886, p. 56.

? *mutabilis*, Hahn, Wanz. Ins., ii, p. 137, t. 72, f. 223 (*nec* Fallen).

fuscescens, Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 33 (*nec* Kirschb.).

Hab. France, Austria.

obsoletus, Fieber, Eur. Hem. 1861, p. 289: Walk., Cat. Het., vi, p. 132: Reuter,
 Hem. Gymn. Eur., iii, p. 365, 553, t. 5, f. 18.

Hab. Spain.

ochrotrichus, Douglas & Scott, Brit. Hem., 1865, p. 342: Fieber, Wien. Ent.
 Monats., viii, 1864, p. 380: Walk., Cat. Het., vi, p. 133, 153, Reuter, Hem. Gymn.
 Eur., iii, p. 359, 554.

Hab. Britain.

Oschanini, Reuter, Hem. Gymn. Eur. iii, 1888, p. 363, 553.

Hab. Turkistan.

palustris, Reuter, Rev. d' Ent., vii, 1888, p. 59.

Hab. Illyria.

- parvulus**, Reuter, *Ofvers. Finska Vet. Soc. Förh.*, **xxi**, 1879, p. 38: *Jak.*, *Bull. Mosc. Iv* (i), 1880, p. 142: Reuter, *Hem. Gymn. Eur.*, **iii**, p. 374, 554, t. 5, f. 16.
Hab. S. Russia, Astrakhan.
- Paulinot**, Reuter, *C. R. Soc. Ent. Belg.*, 1885, p. xliv, fig.
Hab. Portugal.
- prasinus** (*Phytocoris*), Fallen, *Hem. Suec.*, 1829, p. 81: *Flor. Rhyn. Liv.*, **i**, p. 616: Thomson, *Opusc. Ent.*, **iv**, 1871, p. 439?: Reuter, *Caps. Syn.*, p. 13, pt; *id.*, *Rev. Caps.*, p. 149; *Ent. Mon. Mag.*, **xiv**, 1877, p. 62; **xvii**, 1880, p. 12; *Hem. Gymn. Eur.*, **iii**, p. 354, 551, t. 5, f. 13.
Hab. Scandinavia, Livonia, Britain, Belgium, France, Spain, S. Austria.
- propinquus**, Reuter, *Hem. Gymn. Eur.*, **iii**, p. 356, 551, t. 5, f. 17.
Hab. Spain.
- pusillus**, Reuter, *l. c.*, p. 373, 554.
Hab. Tunis.
- quercicola**, Reuter, *C. R. Soc. Ent. Belg.*, 1885, p. xliii, fig.
Hab. Lower Austria.
- rubidus** (Fieber), *Allocotus*, Puton, *Ann. Soc. Ent. Fr.*, (5 s.) **iv**, 1874, p. 219, t. 7, f. 2: Dougl. & Scott, *Ent. Mon. Mag.*, **xi**, p. 146: Saund., *Syn.*, p. 294: Reuter, *Caps. Syn.*, p. 37; *Hem. Gymn. Eur.*, **iii**, p. 372, 477, 554, t. 1, f. 7 c, d.
var. $\left\{ \begin{array}{l} \textit{curvipennis}$, Reut., *Bih. Vet.-Aka. Handl.*, **iii** (i), 1875, p. 36 (*form brach*), ♀.
 $\textit{rubidus}$, var. *Moncreaffi*, Dougl. & Scott, *Ent. Mon. Mag.*, **xi**, 1874, p. 147.
 $\textit{rubricatus}$, Jakowleff, *Bull. Mosc.*, **xlix** (2), 1875, p. 171.
 $\textit{salsolae}$, Reuter, *Bih. Vet. Akad. Handl.*, **iii** (i), 1875, p. 37.
Hab. Nearly all Europe, Britain, Tunis, Georgia.
- Schoberiae**, Reuter, *Pet. Nouv. Ent.*, **ii**, no. 147, 1876, p. 34; *Hem. Gymn. Eur.*, **iii**, p. 370, 553.
Hab. Hungary, S. Russia, Astrakhan.
- Scottii**, Reuter, *Ent. Mon. Mag.*, **xiv**, 1877, p. 62; **xvii**, 1880, p. 12; *Hem. Gymn. Eur.*, **iii**, p. 355, 551, t. 5, f. 14.
 $\textit{prasinus}$, Saund., *Syn.*, *Brit. Hem.*, 1875, p. 291 (*nec* Fallen).
 $\textit{viridinervis}$ (*Litosoma*), Douglas & Scott, *Brit. Hem.*, 1865, p. 335 (*nec* Kirschb.).
Hab. Britain, Germany, S. Austria.
- striola**, Kirschbaum, *Rhyn. Wiesb.*, 1855, p. 236, sp. 94, ♀, p. 301.
Hab. Austria.
- tenellus** (*Phytocoris*), Fallen, *Hem. Suec.*, 1829, p. 103: Thomson (*Orthotylus*), *Opusc. Ent.*, **iv**, 1871, p. 439: Saund., *Syn.*, p. 392: Reuter, *Caps. Syn.*, pt, p. 18; *id.*, *Rev. Caps.*, p. 149; *Hem. Gymn. Eur.*, **iii**, p. 351, 550, t. 5, f. 11.
 $\textit{angustus}$ (Herr. Schöff.), Meyer, *Rhyn. Schw.*, p. 56, t. 2, f. 3: Kirschb., *Rhyn. Wiesb.*, p. 237, sp. 93: Fieber (*Orthotylus*), *Eur. Hem.*, p. 288: Dougl. & Scott (*Litosoma*), *Brit. Hem.*, p. 343: Walk., *Cat. Het.*, **vi**, p. 131.
Hab. Scandinavia, Britain, Switzerland, Germany, Austria, Italy, Spain.

- turanicus*, Reuter, Hem. Gymn. Eur., iii, 1888, p. 362, 552; Fedtsch. Turk., p. 22.
Hab. Turkistan, Alai Range.
- virens* (*Capsus*), Fallen, Hem. Suec., 1829, p. 122, ♂: F. Sahlb., Geoc. Fenn., p. 96: Kirschb., Rhyn. Wiesb., p. 236, sp. 89, ♂: Flor, Rhyn. Liv., i, p. 617: Thomson, Opusc. Ent., iv, 1871, p. 438: Fieber (*Orthotylus*), Wien. Ent. Monats., viii, 1864, p. 342: Reuter, Caps. Syn., p. 17; *id.*, Rev. Caps., p. 147; Hem., Gymn. Eur., iii, p. 347, 550, t. 5, f. 7.
Hab. Scandinavia, Germany, Hungary.
- viridinervis* (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 238, sp. 95, p. 277, 302: Walk., Cat. Het., vi, p. 132: Reuter, Ent. Mon. Mag., xiv, p. 61, 76; xvii, p. 11; Hem. Gymn. Eur., iii, p. 353, 477, 550, t. 5, f. 12.
Hab. Scandinavia, Britain, France, Germany, Switzerland, Austria, Greece.

Genus **HYPSTYLUS.**

- Fieber, Eur. Hem., 1861, p. 286: Reut., Hem. Gymn. Eur., iii, p. 340, 544, t. 1, f. 6.
Litosoma, pt, Dougl. & Scott, Brit. Hem., 1865, p. 345.
Orthotylus, pt, Saunders, Syn., 1875, p. 294.
Pachylops, pt, Fieber, Eur. Hem. 1861, p. 70, 286.
- bicolor*, Douglas & Scott, Ent. Mon. Mag., iv, 1868, p. 267, t. 2, f. 3: Walk., Cat. Het., vi, p. 158: Reuter, Ent. Mon. Mag., xiv, 1877, p. 129, 131: *id.*, Hem. Gymn. Eur., iii, p. 342, 549.
? *chloropterus*, Fieber (*Pachylops*), Eur. Hem., p. 285 (*nec* Kirschb., *nec* Herr. Schöff): Dougl. & Scott, Brit. Hem., p. 345 (*nec* Kirschb.); Saund., Syn., p. 294.
Hab. Britain, France, Germany.
- prasinus* (Meyer), Fieber, Eur. Hem., 1861, p. 286: Walk., Cat. Het., vi, p. 157: Reut., Hem. Gymn. Eur., iii, p. 341, 549, t. 1, f. 6.
Hab. Spain, Portugal, S. France, Italy.

Genus **LITOXENUS.**

- Reuter, C. R. Soc. Ent. Belg., 1885, p. xlv.
tenellus, Reuter, *l. c.*, p. xlv, fig.
Hab. Hungary.

Genus **ILNACORA.**

- Reuter, Caps. Amer., 1875, p. 85.
divisa, Reuter, *l. c.*, p. 86: Uhler, List, p. 20.
Hab. Texas.
Stalii, Reuter, *l. c.*, p. 86: Uhler, List, p. 20.
Hab. New York, Texas.

Genus **OERATOCAPSUS.**

- Reuter, Caps. Amer., 1875, p. 87.

lutescens, Reuter, *l. c.*, p. 87 : Uhler, List, p. 20.

Hab. Texas.

punctulatus, Reuter, *l. c.*, p. 87 : Uhler, List, p. 20.

Hab. Cuba.

Genus **DIOMMATUS.**

Uhler, Ent. Amer., 1887, p. 32.

congrex, Uhler, *l. c.*, p. 33.

Hab. N. America.

Genus **LOXOPS.**

Fieber, Crit., 1859, 54, t. 6, f. 21 ; *id.*, Eur. Hem., p. 70, 287 : Reuter, Hem. Gymn. Eur., iii, p. 338, 545, t. 1, f. 8.

ococinea (*Capsus*), Meyer, Rhyn. Schw., 1843, p. 75, t. 4, f. 5 : Fieber, Eur. Hem., p. 287 : Dougl. & Scott, Ent. Mon. Mag., x, p. 64 : Walk., Cat. Het., vi, p. 158 : Saund., Syn., p. 289 : Reuter, Hem. Gymn. Eur., iii, p. 339, 447, 548.

Hab. S. Britain, Holland, Switzerland, Germany, Austria.

Genus **HETEROTOMA.**

Latreille, Fam. Nat., 1829, p. 422 : Am. & Serv., Hist. Ins. Hém., p. 236 : Fieb. Eur. Hem., p. 71, 290 : Reut., Hem. Gymn. Eur., iii, p. 336, 544, t. 1, f. 19.

acinasiformis, E. G. Costa, Mon. Ins. Uliv., ii, p. 20, t. 2, f. 4 : Reuter, Hem. Gymn. Eur., iii, p. 339, 548.

Hab. Calabria.

diversipes, Puton, Bull. Soc. Ent. Fr., (5 s.) vi, 1876, p. xxxix : Reuter, Hem. Gymn. Eur., iii, p. 337, 548, t. 5, f. 29.

Hab. Corsica, Algeria.

merioptera (*Cimes*), Scopoli, Ent. Carn., 1763, p. 131 : Fieber (*Heterotoma*), Eur. Hem., p. 290 : Dougl. & Scott, Brit. Hem., p. 438, t. 14, f. 5 : Walk., Cat. Het., vi, p. 134 : Saund., Syn., p. 295 : Reuter, Hem. Gymn. Eur., iii, p. 336, 548, t. 5, f. 28 ; *id.*, Rev. Syn. Het., p. 296.

ater, Geoffroy, Fouroroy, Ent. Paris., 1785, p. 211.

planicornis, Pallas, Spicil. Zool., ix, 1772, p. 23, t. 1, f. 13.

spissicornis, Fabr., Gen. Ins., 1776, p. 147 : Panzer, Fauna Germ., ii, f. 15 : Donovan, Brit. Ins., iv, p. 71, t. 135 : Schrank, Fauna Boica, ii, p. 88 ? : Fabr., Syst. Rhyng., p. 246 : Latreille, Hist. Nat., xii, p. 233 ; *id.*, (*Heterotoma*), Fam. Nat. Règn. Anim., p. 422 : Herr. Schäff., Nomencl. Ent., i, p. 52 : Barm., Handb. Ent., ii (i), p. 276 : Costa, Cim. Regn. Neap., i, 1838, p. 54, f. 11 : Westwood, Mod. Class. Ins., ii, p. 121 : Am. & Serv., Hist. Ins., p. 288 : Meyer, Rhyn. Schw., p. 64 : Fieber, Crit., 27.

? var. *crassicornis*, Fabr., Syst. Ent., iv, 1794, p. 70 : Reuter, Rev. Syn. Het., p. 297.

„ *crassipennis*, Turton, Syst. Nat., 1806, p. 609.

Hab. Nearly all Europe, Britain [*Atk.*, Lille, Liguria].

Genus **PLATYTOMATOORIS.**

Reuter, Hem. Gymn. Eur., iii, 1883, p. 334, 544.

Escentricus, pt, Reuter, Hem. Gymn. Eur., iii, p. 335.

planicornis (*Capsus*), Herr. Schöff., Wanz. Ins., iii, 1835, p. 84, t. 100, f. 306 :
Walk., Cat. Het., vi, p. 135 : Reuter (*Escentricus*), Hem. Gymn. Eur., i, p. 90,
t. 1, f. 16 d ; iii, p. 335, 477, 543.

Hab. France, Spain, Germany, Austria, Caucasus.

Genus **STHENARIDEA.**

Reuter, Ent. Tijdskr., v, 1884, p. 197.

pusilla, Reuter, l. c., p. 198.

Hab. Bengal.

Genus **HETEROOORDYLUS.**

Fieber, Crit. Gen., 1859, 59, t. 6, f. 6 ; *id.*, Eur. Hem., p. 71, 290 : Reuter, Rev.
Caps., p. 97 ; Hem. Gymn. Eur., iii, p. 327, 544, t. 1, f. 5.

Bothrocranium, Reuter, Pet. Nouv. Ent., ii, no. 152, 1876, p. 54.

erythrophthalmus (*Phytocoris*), Hahn, Wanz. Ins., i, 1831, p. 207, t. 33, f. 106 ;
Reuter, Hem. Gymn. Eur., iii, p. 333, 543, t. 5, f. 3 : Berlin. Ent. Zeits., xxv, 1881,
p. 178.

Freyii (*Bothrocranium*), Reuter, Pet. Nouv. Ent., ii, no. 152, 1876, p. 54.

Hab. France, Germany, Switzerland, Austria.

farinosus, Horvath, Rev. d' Ent., vi, 1887, p. 73, f. 5.

Hab. Illyria.

genistae (*Cimes*), Scopoli, Ent. Carn., 1763, p. 134 : Reuter, Hem. Gymn. Eur., iii,
p. 330, 477, 538, t. 4, f. 8, ♀ ; *id.* Rev. Syn. Het., p. 295.

ater, Sohrank, Fauna Boica, 1801, p. 86, pt, ♀.

leptocerus, Dougl. & Scott, Brit. Hem., p. 433, t. 14, f. 3, ♀ (*nec* Kirschb.).

pulverulentus (Klug), Burm. Handb. Ent., ii (i), 1835, p. 276 (*nec* Kolenatij) :
Meyer, Rhyn. Schw., p. 63 : Fieber (*Heterocordylus*), Crit., 1859, 23 ;
Costa, Cim. Regn. Neap. Cent. Addit., 1860, p. 31.

unicolor (*Capsus*), Hahn, Wanz. Ins., ii, 1834, p. 94, t. 69, f. 179 a, b :
Kirschb., Rhyn. Wiesb., p. 245, sp. 111 : Fieb., Eur. Hem., p. 291 : Dougl.
& Scott, Brit. Hem., p. 432 : Walk., Cat. Het., vi, p. 135 : Saund., Syn., p.
288.

Hab. Nearly all Europe, Britain [*Atk.*, Lille, Genoa].

leptocerus (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 245, sp. 112, p. 278, 309 :
Fieber, Eur. Hem., p. 291 : Thomson, Opusc. Ent., iv, p. 440 : Walk., Cat. Het., vi,
p. 135 : Reut., Hem. Gymn. Eur., iii, p. 331, 477, 543, t. 4, f. 7 ♀.

mutabilis, Hahn, Wanz. Ins., ii, 1834, p. 95, t. 69, f. 180 (*nec* Fallen).

Spartii, Eohem., Ent. Ant. Sverge, p. 180.

tibialis, Reuter, Rev. Caps., 1875, p. 99 (*nec* Hahn).

Hab. Scandinavia, Germany, Hungary, Italy, S. Russia.

- oblongus** (*Heterotoma*), Kolenati, Mel. Ent., ii, 1845, p. 126, t. 9, f. 23: Walk., Cat. Het., vi, p. 136: Reuter, Hem. Gymn. Eur., iii, p. 329, 548.
Hab. Tashkent.
- parvulus**, Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 158; Hem. Gymn. Eur., iii, p. 331, 477, 548, t. 5, f. 2.
Hab. France, Portugal [*Atk.*, N. France].
- tibialis** (*Capsus*), Hahn, Wanz. Ins., i, 1831, p. 128, t. 20, f. 66: Kirschb., Rhyn. Wiesb., p. 245, sp. 113: Fieber, Eur. Hem., p. 291: Dougl. & Scott, Brit. Hem., p. 434: Saund., Syn., p. 288: Reuter, Hem. Gymn. Eur., iii, p. 332, 477, 548, t. 4, f. 6, ♂.
Hab. Denmark, France, Belgium, Britain, Spain, Germany, Austria, Syria [*Atk.*, N. France].
- tumidicornis** (*Capsus*), Herr. Schöff., Nomencl. Ent., i, 1835, p. 52; *id.*, Wanz. Ins., iii, p. 84, t. 100, f. 307 *et a*: Meyer, Rhyn. Schw., p. 59: Kirschb., Rhyn. Wiesb., p. 244, sp. 110: Fieber (*Heterocordylus*), Crit., 23: Costa, Cim. Regn. Neap. Cent. Add., 1860, p. 31, 34: Fieber, Eur. Hem., p. 291: Walk., Cat. Het., vi, p. 135: Reuter, Rev. Caps., p. 89; Hem. Gymn. Eur., iii, p. 328, 547, t. 4, f. 9; t. 5, f. 1; *id.*, Rev. Syn. Het., p. 295.
Malé (*Capsus*), Bohem. Ofvers. Vet.-Aka. Förh., 1852, p. 72 (*nec* Meyer).
? *nigrita*, Schrank, Fauna Boica, 1801, p. 88.
pulverulentus, Kolenati, Mel. Ent. ii, 1845, p. 126 (*nec* Klug).
unicolor, Thomson, Opusc. Ent., iv, 1871, p. 440 (*nec* Herr. Schöff.)
Hab. Scandinavia, Central Europe, Russia, Caucasus.

Genus **MALACOCORIS.**

- Fieber, Crit. Gen., 1859, 91, t. 6, f. 53; Eur. Hem., p. 76, 322: Reuter, Hem. Gymn. Scan. & Fenn., p. 139; Hem. Gymn. Eur., iii, p. 325, 544, t. 1, f. 4.
- ochlorisans** (*Lygaeus*), (Block), Panzer, Fauna Germ., 1794, 18, f. 21: Fallen, Mon. Cim., p. 77; *id.*, Hem. Suec., p. 82: Meyer, Rhyn. Schw., p. 67: F. Sahlb., Geoc. Fenn., p. 98: Kirschb., Rhyn. Wiesb., p. 233, sp. 88, p. 277: Fieber (*Malacocoris*), Crit., 38; *id.*, Eur. Hem., p. 323: Flor, Rhyn. Liv., i, p. 551: Dougl. & Scott, Brit. Hem., p. 383, t. 12, f. 7: Thomson, Opusc. Ent. iv, p. 440: Walk., Cat. Het., vi, p. 144: Saund., Syn., p. 286: Reuter, Rev. Caps., p. 139; Hem. Gymn. Eur., iii, p. 327, 547; *id.*, Rev. Syn. Het., p. 294.
emeraldinus, Fieb., Crit. Phyt., 1859, sp. 42; Eur. Hem., p. 323: Walk., Cat. Het., vi, p. 144.
sulphuripennis, Westhoff, Jahrb. Westf. Prov.-Ver. Wiss. u. Kunst., ix, 1880, p. 79.
Hab. All middle Europe, S. Scandinavia, Italy.
- irroratus** (*Capsus*), Say: Uhler, List, p. 20.
Hab. United States.
- Provancherii**, Burque, Fauna Can. Hem., 1867, p. 144.
Hab. Canada.

Genus **REUTERIA.**

Puton, *Pet. Nouv. Ent.* i, no. 180, 1875, p. 519: *Reut.*, *Hem. Gymn. Eur.*, iii, p. 324, 544, t. 1, f. 3d.

Marquetii, Puton, *l. c.*, *supra*, p. 519: *Wien. Ent. Zeit.*, ii, 1883, p. 60: *Reuter, l. c.*, *supra*, p. 325.

Hab. S. France, S. Austria, Greece [*Atk.*, Toulouse].

Genus **BRACHYNOTOCORIS.**

Reuter, Ofvers. Finska Soc. Förh., xxii, 1880, p. 22; *Zool. Jahr.*, 1880, p. 141; *Hem. Gymn. Eur.*, iii, p. 322, 543, t. 1, f. 3 a-c.

puncticornis, *Reuter, Ofvers. l. c. supra*, p. 22; *Hem. Gymn. Eur.*, iii, p. 323, 547 t. 1, f. 1 a-c.

Hab. Spain.

Genus **PLATYCRANUS.**

Fieber, Verh. Zool.-Bot. Ges. Wien, xx, 1870, p. 252: *Reuter, Hem. Gymn. Eur.*, iii, p. 320, 476, 543, t. 1, f. 2.

Erberii, *Fieber, l. c. supra*, p. 252, t. 6, f. 9: *Walk., Cat. Het.*, vi, p. 157: *Reut. Hem. Gymn. Eur.*, iii, p. 321, 547, t. 1, f. 2.

Hab. Algeria, Portugal, S. France, Italy, Tyrol, Montenegro, Greece [*Atk.* Stazzano].

metriorrhynchus, *Reuter Rev. d' Ent.*, ii, 1883, p. 252; *id.*, *Hem. Gymn. Eur.*, iii, 1883, p. 476, 547.

Hab. France.

Putonii, *Reuter, Ofvers. Finska Vet. Soc. Förh.*, xxi, 1879, p. 38; *id.*, *Hem. Gymn. Eur.*, iii, p. 322, 476, 547.

Hab. S. Algeria.

Div. XV, **NASOCORARIA**, *Reuter, Hem. Gymn. Eur.*, iii, 1883, p. 317, 568.

Genus **NASOCORIS.**

Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 206; *Hem. Gymn. Eur.*, iii, p. 371, t. 1, f. 1; *Fedtsch. Turk.*, p. 32.

argyrotrichus, *Reuter, Ofvers. Finska Vet. Soc. Förh.*, xxi, 1879, p. 206; *Hem. Gymn. Eur.*, iii, p. 318, t. 1, f. 1; *Fedtsch. Turk.*, p. 23.

Hab. S. Russia, Turkistan.

Div. XVI, **ONCOTYLARIA**, *Reuter, Hem. Gymn. Eur.*, ii, p. 193; iii, p. 568.

Genus **ATOMOPHORA.**

Reuter, Hem. Gymn. Eur., ii, 1880, p. 287, 307, t. 1, f. 14; iii, p. 529; *id.*, *Fedtsch. Turk.*, p. 29.

alba, Reuter, Hem. Gymn. Eur., ii, p. 290, t. 1, f. 14 e; iii, p. 542; *id.*, Fedtsch-Turk., p. 31.

Hab. Turkistan.

eximia, Reuter, l. c., ii, p. 288; iii, p. 542; *id.*, Fedtsch. Turk., p. 30.

Hab. Turkistan.

fuscomaculata, Reuter, Hem. Gymn. Eur., ii, p. 291, iii, p. 542.

Hab. Caspian Region.

pantherina, Reuter, l. c., ii, p. 289, t. 1, f. 14 a-d; iii, p. 542; *id.*, Fedtsch. Turk., p. 31.

Hab. Turkistan.

Genus **ONYCHUMENUS.**

Reuter, Hem. Gymn. Eur., ii, p. 286, t. 1, f. 21; iii, p. 529.

decolor (*Capsus*), Fallen, Hem. Suec., 1829, p. 123; Meyer, Rhyn. Schw., p. 86; F. Sahlb., Geoc. Fenn., p. 95; Kirschb., Rhyn. Wiesb., p. 237, sp. 91; Flor, Rhyn. Liv., i, p. 556; Thomson (*Phylus*), Opusc. Ent., iv, p. 452; Fieber (*Oncotylus*), Eur. Hem., p. 298; Dougl. & Scott, Brit. Hem., p. 393, t. 13, f. 2; Walk., Cat. Het., vi, p. 139; Saund., Syn., p. 299; Reuter, Rev. Caps., p. 168; *id.*, Hem. Gymn. Eur., ii, p. 287; iii, p. 475, 542; Uhler (*Oncotylus*), List, p. 20.

chrysanthemii (*Lopus*), Hahn, Wans. Ins., i, 1831, p. 10, t. 1, f. 4.

*palliatu*s, Perris, Ann. Soc. Linn. Lyon, 1857, p. 166.

Hab. Middle Europe, Spain, S. Scandinavia, Britain, United States [Atk., Lille].

Genus **EURYOOLPUS.**

Reuter, Hem. Gymn. Eur., ii, 1880, p. 284, t. 1, f. 20; iii, p. 531.

Oncotylus, pt, Fieber, Eur. Hem., 1861, p. 298.

flaveolus (*Eurymerochoris*), Stål, Stettin. Ent. Zeit., 1858, p. 189; Walk., Cat. Het., vi, p. 158; Reuter, Ofvers. Finska Soc. Förh., xxi, p. 43; Hem. Gymn. Eur., ii, p. 285, t. 5, f. 7 ♂, f. 8 ♀; iii, p. 475, 542.

fenestratus, Fieber, Crit. Phyt., 1859, sp. 19; *id.*, Eur. Hem., p. 298; Walk., Cat. Het., vi, p. 139; Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 41.

Hab. France, Austria, E. Siberia, Irkutsk [Atk., Pyrenees].

Genus **ONCOTYLUS.**

Fieber, Crit. Phyt., 1859, 66, t. 6, f. 7; *id.*, Eur. Hem., p. 72, 298, 393; Reuter, Hem. Gymn. Eur., ii, p. 273, t. 1, f. 19; iii, p. 531.

Anoterops, Fieber, Crit. Gen., 1859, g. 65; Eur. Hem., p. 72, 297, 392; Reut., Bih. Vet.-Aka. Handl., iii (i), p. 42; Dougl. & Scott, Brit. Hem., p. 385.

Cylindromelus, Fieber, Eur. Hem., 1861, p. 393; Reut. Bih. l. c. *supra*, p. 42.

affinis, Jakowleff, Bull. Mosc., lvi (4), 1882, p. 23; Reut., Hem. Gymn. Eur., iii, p. 475, 542.

Hab. Krasnovodsk.

- caespicius**, Reuter, Hem. Gymn. Eur., ii, 1879, p. 282; iii, p. 542.
Hab. Astrakhan.
- desertorum**, Reuter, Fedtsch. Turk., p. 25 *l. c. supra*, ii, p. 277; iii, p. 541.
Hab. Turkistan.
- nigricornis**, Saunders, Ent. Mon. Mag., xii, 1876, p. 222: Reut., Hem. Gymn. Eur., ii, p. 278; iii, p. 541.
Hab. Spain, S. France.
- pennicornis**, Jakowleff, Trudi Russk., xi, 1880, p. 216: Reut., Hem. Gymn. Eur., iii, p. 473.
Hab. S. Russia, Sarepta.
- persicus**, Reuter, Hem. Gymn. Eur., ii, 1879, p. 281; iii, p. 542.
Hab. N. Persia, Shahrud.
- plumicornis**, Jakowleff, Bull. Mosc., lvi (4), 1882, p. 25: Reut., *l. c., supra*, iii, p. 474, 541.
Hab. S. Russia, Sarepta.
- pulchellus**, Reuter, Ofvers. Vet. Aka. Förh., 1874, p. 48; Bih. Vet. Aka. Handl., iii (i), p. 41; Rev. Caps., p. 159; Hem. Gymn. Eur., ii, p. 281; iii, p. 542.
Hab. Sweden.
- punctipes**, Reuter, Bih. Vet. Aka. Handl., iii (i), 1875, p. 42; Rev. Caps., p. 160; Hem. Gymn. Eur., ii, p. 279, t. 5, f. 4; iii, p. 473, 541; Ent. Mon. Mag., x, 1873; p. 91, 119, 165.
tanacetis, Herr. Schöff., Wanz. Ins., iii, 1835, p. 85, t. 101, f. 309 (*nec* Fallen): Kirschb., Rhyn. Wiesb., p. 242, sp. 102: (*Oncotylus*), Fieber, Eur. Hem., p. 299.
Hab. Scandinavia, N. France, Germany, N. Austria, Russia [*Atk.*, Bohemia].
- pyrethri** (*Capsus*), Becker, Bull. Mosc., xxxvii (2), 1864 p. 487: Walk., Cat. Het., vi, p. 90: Reuter, Bih. Vet. Aka. Handl., iii (i), p. 42; Hem. Gymn. Eur., ii, p. 280, t. 5, f. 5, ♂; 6, ♀; iii, p. 541.
Hab. S. Russia, Sarepta, Astrakhan.
- Reuterii** (Oschanin), Reuter, Hem. Gymn. Eur., ii, 1880, p. 283; iii, p. 541.
Hab. S. Russia, Astrakhan.
- setulosus** (*Capsus*), Herr. Schöff., Wanz. Ins., iv, 1839, p. 80, t. 120, f. 380: (*Cylindromelus*) Fieber, Eur. Hem., p. 393: Walk., Cat. Het., vi, p. 139: Reuter, Hem. Gymn. Eur., ii, p. 274, t. 5, f. 3; t. 1, f. 19 *a-e*; iii, p. 473, 540; Fedtsch. Turk., p. 24.
Hab. Turkistan, S. Russia, Greece, Hungary.
- viridiflavus** (*Cimesa*), Goese, Ent. Beytr., ii, 1778, p. 267: Reuter, Hem. Gymn. Eur., iii, p. 473, 541; Rev. Syn. Het., p. 303.
chloris, Gmelin, Syst. Nat., iv, 1788, p. 2185.
nigropunctatus, Geoffroy, in Fourcr. Ent. Par., 1785, p. 207.
setulosus, Meyer, Rhyn. Schw., 1843, p. 53, t. 2, f. 1 (*nec* Herr. Schöff.): Fieber, Eur. Hem., p. 298: Dougl. & Scott, (*Anoterops*), Brit. Hem., p. 385, t. 12, f. 8: Walk., Cat. Het., vi p. 138: Saund., Syn., p. 295.
tanacetis, Söhrank, Fauna Boica, ii, 1801, p. 92.

tresignatus, Assman, Vers. Schles. Hem., 1854, p. 41 : Reut., Hem. Gymn. Eur., ii, p. 275, 305, t. 5, f. 1 ; iii, p. 473.

Hab. Britain, France, Switzerland, Austria, Russia, Derbent [Atk., Lille].

vitticeps, Reuter, Hem. Gymn. Eur., ii, 1879, p. 276 ; iii, p. 473, 541 ; Fedtsch. Turk., p. 25.

Hab. Turkistan, Tauria.

Genus **ENDERON.**

Puton, Rev. d' Ent., vii, 1888, p. 106.

Martinii, Puton, l. c., p. 107.

Hab. Algeria, Biskra.

Genus **ACROTELUS.**

Reuter, C. R. Soc. Ent. Belg., 1885, p. xlvi.

Loewii, Reuter, l. c., p. xlvi, fig.

Hab. Lower Austria.

Genus **PASTOOCORIS.**

Reuter, Hem. Gymn. Eur. ii, 1879, p. 271, t. 1, f. 18 ; iii, p. 530.

Putonii, Reuter, Bih. Vet. Ak. Handl., iii (i), 1875, p. 41 ; Hem. Gymn. Eur., ii, p. 272 ; iii, p. 540.

Hab. S. France, Greece, Tunis.

Genus **STENOPARIA.**

Fieber, Verh. Zool.-Bot. Ges. Wien, xx, 1870, p. 255, t. 6 : Reuter, Hem. Gymn. Eur., ii, p. 269, t. 1, f. 17 ; iii, p. 530.

Putonii, Fieber, Verh. Zool. Bot. Ges., Wien, xx, 1870, p. 256, t. 6, f. 12 : Walk., Cat. Het., vi, p. 133 : Reut., Hem. Gymn. Eur., ii, p. 270, 305, t. 1, f. 17 a-c ; t. 4, f. 9 ; iii, p. 540.

var. *punctata*, Reuter, l. c., *supra*, ii, p. 306.

Hab. Spain, Sardinia, Greece.

Genus **CONOSTETHUS.**

Fieber, Crit. Gen., 1859, 67 : Eur. Hem., p. 72, 299 : Dougl. & Scott, Brit. Hem., p. 397 : Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 40 ; Hem. Gymn. Eur., ii, p. 264, t. 1, f. 16 ; iii, p. 530.

Xenocoris, Fieber, Crit. Gen., 1859, 56 ; Eur. Hem., p. 71, 288 : Reut., Bih.

l. c. *supra*, p. 40.

brevis, Reuter, Ent. Mon. Mag., xiv, 1877, p. 77 ; *id.*, Hem. Gymn. Eur., ii, p. 266 ; iii, p. 473, 540.

Hab. Scotland.

pamparum, Berg, Hem. Arg., Add. Emend., 1884, p. 92.

Hab. Buenos Ayres.

roseus (*Capsus*), Fallen, Hem. Suec., 1829, p. 124: (*Lopus*) Herr. Schöff., Nomencl. Ent., i, p. 47: (*Conostethus*), Fieber, Eur. Hem., p. 229, 394: Dougl. & Scott, Brit. Hem., p. 398, t. 13, f. 4: Walk., Cat. Het., vi, p. 140: Saund., Syn., p. 298: Reuter, Rev. Caps. p. 157; *id.*, Hem. Gymn. Eur., ii, p. 266, t. 4, f. 7, ♂; f. 8, ♀; iii, p. 473, 540.

aridellus, Flor, Rhyn. Liv., i, 1860, p. 556; Thomson, Opusc. Ent., iv, p. 452.

subpatellatus, Vollenhoven, Tijdskr. Ent., xviii, p. 172.

Hab. Scandinavia, Livonia, Germany, France, Switzerland.

salinus, J. Sahlberg, Notis. Skpts Fauna Fl. Fenn., xi, 1871, p. 296, t. 1, f. 3, 4: Reuter, Caps. Syn., p. 19; *id.*, Rev. Caps. p. 157; Hem. Gymn. Eur., ii, p. 265; iii, p. 473, 540: Saund., Syn., p. 298.

griseus, Douglas & Scott, Ent. Mon. Mag., 1870, p. 242.

Hab. Finland, Britain, Hungary, S. France [*Atk.*, Hungary].

venustus, Fieber, Crit., 1859, sp. 14; *id.*, Eur. Hem., p. 288: Walk., Cat. Het., vi, p. 131: Reuter, Hem. Gymn. Eur., ii, p. 268, 305, t. 1, f. 16 a-c; iii, p. 473, 540.

Hab. Spain, S. France, Corsica, Italy, Greece, Algeria, Syria.

Genus **HADROPHYES.**

(Fieber), Puton, Ann. Soc. Ent. Fr., (5 s.) iv, 1874, p. 220; Reuter, Hem. Gymn. Eur., ii, p. 262, 305, t. 1, f. 15; iii, p. 531.

sulphurella (Fieber), Puton. l. c., p. 220, t. 7, f. 4: Reuter, l. c., *supra*, ii, p. 263; iii, p. 540.

Hab. France, Corsica, Algeria.

Genus **LEUCOPTERUM.**

Reuter, Hem. Gymn. Eur., ii, 1879, p. 259, t. 1, f. 13; iii, p. 530: Fedtsch. Turk., p. 29.

candidatum, Reuter, l. c., ii, p. 260; iii, p. 472, 539.

Hab. S. Russia, Georgia.

fasciatum, Reuter, l. c., ii, p. 261, t. 1, f. 13; t. 5, f. 2; iii, p. 539.

Hab. S. Russia, Bogdo.

longicolle, Reuter, l. c., ii, p. 260; iii, p. 539; Fedtsch. Turk., p. 29.

Hab. Turkistan, Karak.

♀ *pallens*, Reuter, l. c., ii, p. 262; iii, p. 540.

Hab. S. Russia, Bogdo.

transversum, Jakowleff, Trudi Rusak. Ent., xiii, 1882, p. 127: Reuter, Hem. Gymn. Eur., iii, p. 472, 540.

Hab. Georgia, Derbent.

Genus **SOLENOXYPHUS.**

Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 38; Hem. Gymn. Eur., ii, p. 255, t. 1, f. 12; iii, p. 531.

Agalliatas, pt, Fieber, Eur. Hem. 1861: *Macrocoleus*, pt, Fieber, l. c.: *Psallus*, pt, Fieber, l. c.

crassiope, Reuter, l. c., p. 257, t. 1, f. 12 a; t. 4, f. 6; iii, p. 472, 539.

fuscovenosus, Fieber, Wien. Ent. Monats., viii, 1864, p. 330; Walk., Cat. Het., vi, p. 153.

Hab. Spain, Hungary, S. Russia, Sarepta, Turkistan.

? *kirgisicus* (*Agalliatas*), Frey Gesner, MT. Schw. Ent. Ges., 1864, p. 261: Walk., Cat. Het., vi, p. 156: Reuter, Hem. Gymn. Eur., ii, p. 258, 305, t. 1, f. 12 d, e iii, p. 472, 539.

Hab. S. Russia, Sarepta, Astrakhan, Greece, Caucasus.

lepidus (Fieber), Puton, Ann. Soc. Ent. Fr., (5 s.) iv, 1874, p. 222, t. 7, f. 3; Reuter, Hem. Gymn. Eur., ii, p. 256, t. 1, f. 12 b, c; iii, p. 471, 539.

Hab. S. France, Spain, S. Russia, Turan, Mangishlak [*Atk.*, Sarepta, S. Russia].

Genus **MALTHACOSOMA.**

Reuter, Fedtsch. Turk., p. 23; Hem. Gymn. Eur., ii, 1879, p. 253, t. 1, f. 11; iii, p. 531.

punctipenne, Reuter, Hem. Gymn. Eur., ii, p. 254; iii, p. 539; Fedtsch. Turk., p. 28.

Hab. Turkistan, Karakatsuk.

Genus **VORUCHIA.**

Reuter, Hem. Gymn. Eur., ii, 1879, p. 251, t. 1, f. 10; iii, p. 531; Fedtsch. Turk., p. 27.

vittigera, Reuter, Fedtsch. Turk., p. 27; Hem. l. c., *supra*, ii, p. 251; iii, p. 539.

Hab. Turkistan, Voruch.

Genus **PLACCHILUS.**

Fieber, Crit. Gen. Phyt., 1859, 85; *id.*, Eur. Hem. p. 75, 817: Reuter, Rev. Caps., p. 156; Hem. Gymn. Eur., ii, p. 250, t. 1, f. 9; iii, p. 532.

Hoplomachus subg. *Placchilus*, Reuter, Bih. Vet.-Aka., iii (i), 1875, p. 39; Rev. Caps., p. 156.

? *sareptanus*, Frey Gesner, MT. Schw. Ent. Ges., 1864, p. 261: Walk., Cat. Het., vi, p. 141: Reuter, Hem. Gymn. Eur., ii, p. 238.

Hab. S. Russia, Sarepta.

saladonicus (*Lygaeus*), Fallen, Mon. Cim., 1807, p. 77; *id.* (*Phytocoris*), Hem. Suec., p. 82: (*Capeus*) Herr. Schöff., Nomencl. Ent., i, p. 49: Kirschb., Rhyn. Wiesb., p. 241, sp. 103: Thomson, Opusc. Ent., iv, p. 450: (*Placchilus*) Fieber, Crit., 36; *id.*, Eur. Hem., p. 817: Walk., Cat. Het., vi, p. 141: Reuter, Rev. Caps., p. 156; Hem. Gymn. Eur., ii, p. 251; iii, p. 470, 539; *id.*, Rev. Syn. Het., p. 802.

? *viror*, Harris, Exp. Engl. Ins., 1781, p. 91, t. 26, f. 13.

Hab. Nearly all Europe.

Genus **PRNOTOTROPIS.**

Reuter, Hem. Gymn. Eur., ii, 1880, p. 248, t. 1, f. 8; iii, p. 529: Fedtsch. Turk., p. 26.

Oncotylus, pt, Fieber, Eur. Hem., 1861, p. 72, 298.

punctipennis (*Oncotylus*), Fieber, Wien. Ent. Monats., viii, 1864, p. 225: Walk., Cat. Het., vi, p. 140: Reuter, Hem. Gymn. Eur., ii, p. 249, t. 2, f. 8, ♂: 9 ♀; iii p. 539; *id.*, Fedtsch. Turk., p. 26.

Hab. S. Russia, Turkistan, Tashkent.

Genus **PHOENICOCAPSUS.**

Reuter, Pet. Nouv. Ent., ii, No. 152, 1876, p. 54; Hem. Gymn. Eur., ii, 1880, p. 246: iii, p. 530.

regina, Reuter, Pet. Nouv. Ent., ii, No. 152, 1876, p. 54; Hem. Gymn. Eur., ii, p. 247; iii, p. 538.

Hab. Spain.

Genus **PAGHYXYPHUS.**

Fieber, Crit., 1859, 84; Eur. Hem., p. 75, 316: Reuter, Hem. Gymn. Eur., ii, p. 242: iii, p. 532.

Pachysiphus, Fieber, *l. c. supra.*

caesareus, Reuter, *l. c.*, ii, p. 243, t. 1, f. 7 a; iii, p. 538.

Hab. Spain, Portugal.

lineellus (*Capsus*), Muls. & Rey, Ann. Soc. Linn. Lyon, 1852, p. 113: Fieber (*Pachysiphus*), Eur. Hem., p. 317: Walk., Cat. Het., vi, p. 141: Reuter, Hem. Gymn. Eur., ii, p. 245; iii, p. 471; 538.

coroniceps, Costa, Cim. Regn. Neap., Cent., iii, 1852, p. 41, f. 7.

Hab. S. France, Corsica, S. Italy, Spain, Dalmatia, Greece, Asia Minor.

Genus **ROUDAIREA.**

Puton & Reuter, Expl. Scient. Tunisie, 1886, p. 21.

crassicornis, Puton & Reuter, *l. c.* p. 22.

Hab. Tunis.

Genus **THERMOORIS.**

Puton, Pet. Nouv. Ent., i, No. 130, 1875, p. 519: Reuter, Hem. Gymn. Eur., ii, p. 240, t. 1, f. 6; iii, p. 532.

Munierii, Puton, *l. c., supra*, p. 519: Reuter, Hem. Gymn. Eur., ii, p. 241; iii, p. 471, 538.

Hab. Greece, Algeria, Broussa.

Genus **HOPLOMACHUS.**

Fieber, Crit. Gen. Phyt., 1859, 83; *id.*, Eur. Hem. p. 75, 316: Dougl. & Scott, Brit. Hem., p. 395: Reuter, Hem. Gymn. Eur., ii, p. 238, t. 1, f. 5; iii, p. 532.

- Thunbergii** (*Lygaeus*), Fallen, Mon. Cim., 1807, p. 91; *id.*, (*Phytocoris*), Hem. Suec., p. 106: (*Miris*), Germar, Faun. Ins. Eur., xiii, t. 14: (*Capsus*), Meyer, Rhyn. Schw., p. 81: F. Sahlb., Geoc. Fenn., p. 110: Kirschb., Rhyn. Wiesb., p. 242, sp. 106: Flor, Rhyn. Liv., i, p. 608: (*Phylus*), Thomson, Opusc. Ent., iv, p. 451: Fieber (*Hoplomachus*), Eur. Hem., p. 316: Dougl. & Scott, Brit. Hem., p. 396, t. 13, f. 1: Walk., Cat. Het., vi, p. 140: Saund., Syn., p. 295: Reuter, Caps. Syn., p. 24; Rev. Caps., p. 155; Hem. Gymn. Eur., ii, p. 239; iii, p. 538.
Hieracii (*Lopus*), Hahn, Wanz. Ins., i, 1831, p. 144, t. 22, f. 73.
 Hab. Nearly all Europe [Atk., Lille].

Genus **TINICEPHALUS.**

- Fieber**, Crit. Gen. Phyt., 1859, g. 68, t. 6, f. 11; *id.*, Eur. Hem., p. 73, 299: Reuter, Hem. Gymn. Eur., ii, p. 232, t. 1, f. 4; iii, p. 532.
- discrepans**, Fieber, Crit., 1859, p. 20; *id.*, Eur. Hem., p. 300: Walk., Cat. Het., vi, p. 148: Reuter, Hem. Gymn. Eur., ii, p. 235, t. 4, f. 4, ♂; f. 5, ♀; iii, p. 538.
 Hab. S. France, Corsica.
- flavopillosus**, Reuter, Hem. Gymn. Eur., ii, 1880, p. 234; iii, p. 538.
 Hab. Corsica.
- hortulanus** (*Capsus*), Meyer, Rhyn. Schw., p. 77, t. 7, f. 3: (*Phytocoris*), Kolenati Mel. Ent., ii, p. 125? : Kirschb., Rhyn. Wiesb., p. 249, sp. 118: (*Tinicephalus*), Fieber, Eur. Hem., p. 300: Walk., Cat. Het., vi, p. 148: Saund., Syn., p. 296: Reuter, Ent. Mon. Mag., xv, 1878, p. 66; Hem. Gymn. Eur., ii, p. 236; iii, p. 471, 538.
punctipes, Dougl. & Scott, Cat. Brit. Hem., p. 38 (*nec* Reuter).
sordidus, Dougl. & Scott, Ent. Mon. Mag., iv, p. 49 (*nec* Kirschb.).
tanacetii, Dougl. & Scott, Brit. Hem., 1865, p. 394 (*nec* Fallen, *nec* Herr. Schöff).
 Hab. Britain, France, Switzerland, Germany, Austria, ? Transcaucasia.
- rubiginosus**, Fieber, Eur. Hem., 1861, p. 300: Walk., Cat. Het., vi, p. 148: Reut., Hem. Gymn. Eur., ii, p. 233, t. 4, f. 3; iii, p. 538.
 Hab. Spain, N. Italy, Tangiers.
- simplex**, Uhler, Hayden Surv. Mont., 1872, p. 417; Bull. Un. St. Surv., ii, 1876, p. 319; iii, 1877, p. 418.
 Hab. Colorado.

Genus **MACROCOLEUS.**

- Fieber**, Crit. Gen. Phyt., 1859, 88; *id.*, Eur. Hem., p. 76, 319: Dougl. & Scott, Brit. Hem., p. 386: Reuter, Rev. Caps., p. 161; Hem. Gymn. Eur., ii, p. 216, t. 1, f. 3; iii, p. 531.
Amblytylus, pt, Fieber, Eur. Hem., 1861, p. 318.
- aurantiacus**, Fieber, Crit. Phyt., 1859, sp. 38; *id.*, Eur. Hem., p. 320: Walk., Cat. Het., vi, p. 142: Reuter, Hem. Gymn. Eur., ii, p. 218, 305, t. 1, f. 3a; t. 3, f. 8, ♀; iii, p. 536.
 Hab. Corsica, S. France, Algeria, Greece, Asia Minor.

- Bolivarii**, Reuter, Hem. Gymn. Eur., ii, 1880, p. 220, t. 1, f. 8d; iii, p. 537.
Hab. Spain.
- chrysostrichus**, Fieber, Wien. Ent. Monats., viii, 1864, p. 332: Walk., Cat. Het., vi, p. 143: Reuter, Hem. Gymn. Eur., ii, p. 225, 305, t. 3, f. 6; iii, p. 536.
Hab. S. Russia, Sarepta.
- coagulatus**, Uhler, Bull. Un. St. Surv., iii, 1877, p. 417; List, p. 20.
Hab. Colorado.
- dissimilis**, Reuter, Pet. Nouv. Ent., ii, No. 144, 1876, p. 21; Hem. Gymn. Eur., ii, p. 227; iii, p. 471, 537.
Hab. Italy, Hungary.
- exsanguis** (*Capsus*), Herr. Schöff., Nomencl. Ent., i, 1835, p. 21: Kirschb., Rhyn. Wiesb., p. 239, sp. 100: Fieber (*Macrocoleus*), Eur. Hem., p. 320: Walk., Cat. Het., vi, p. 142: Reuter, Hem. Gymn. Eur., ii, p. 229, t. 4, f. 1; iii, p. 536.
Hab. Germany.
- femoralis**, Reuter, Hem. Gymn. Eur., ii, 1880, p. 230; iii, p. 537.
Hab. Alsace.
- Krueperi**, Reuter, l. c., ii, p. 231; iii, p. 537.
Hab. Algeria.
- longirostris** (*Amblytylus*), Fieber, Eur. Hem., 1861, p. 319: Walk., Cat. Het., vi, p. 55: Reuter, Hem. Gymn. Eur., ii, p. 222, 305, t. 3, f. 9 ♀; iii, p. 537.
Hab. Spain, Portugal, S. France, Greece.
- Mellæ**, Reuter, Pet. Nouv. Ent., ii, No. 152, 1876, p. 54; Hem. Gymn. Eur., ii, 1879, p. 224; iii, p. 471, 536.
Hab. Italy.
- mollivulus** (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 82: Herr. Schöff., Wans. Ins., vi, p. 32, t. 191, f. 589: Meyer, Rhyn. Schw., p. 78: F. Sahlb., Geoc. Fenn., p. 108: Kirschb., Rhyn. Wiesb., p. 240, sp. 101: Flor, Rhyn. Liv., i, p. 611: Thomson, Opusc. Ent., iv, p. 451: Fieber (*Macrocoleus*), Eur. Hem., p. 321: Dougl. & Scott, Brit. Hem., p. 387, t. 12, f. 9; Walk., Cat. Het., vi, p. 143: Saund., Syn., p. 297: Reuter, Rev. Caps., p. 161; Eur. Hem., ii, p. 226, 305; iii, p. 537.
Hardyi, Bold, Trans. N. Durham Soc., iv, 1872, p. 358.
Hab. Nearly all Europe, Britain [*Atk.*, Lille].
- naso**, Reuter, Hem. Gymn. Eur., ii, 1879, p. 221, t. 1, f. 8 b. c.; iii, p. 471, 537.
Hab. Corsica.
- ochroleucus** (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 248, sp. 117, p. 313: Reut. Hem. Gymn. Eur., ii, p. 223; iii, p. 471, 537.
Hab. Germany, Hungary.
- pilosus** (*Cimes*), Schrank, Fauna Boica, ii, 1801, p. 87: Reuter, Rev. Syn. Het., p. 302.
? *aurcolus*, Fieber, Crit., 1859, sp. 87; *id.*, Eur. Hem., p. 320: Walk., Cat. Het., vi, p. 142.
sordidus, Kirschbaum, Rhyn. Wiesb., 1855, p. 247, sp. 116, p. 310: Fieber, Eur., Hem., p. 320; Walk., Cat. Het., vi, p. 142.

tenaceti, Fallen, Hem. Suec., 1829, p. 83: Flor, Rhyn. Liv., i, p. 610 Thomson, Opusc. Ent., iv, p. 450: Walk., Cat. Het., vi, p. 139: Saund., Syn., p. 296: Reuter, Ent. Mon. Mag., xv, 1878, p. 66; Hem. Gymn. Eur., ii, p. 223, 305, t. 3, f. 7; iii, p. 471, 536.

Hab. Scandinavia, Livonia, Hungary, Germany, Russia, N. France, Britain, [Atk., Lille].

Signoretii, Reuter, Ann. Soc. Esp. H. N., ix, 1880, p. 194: Hem. Gymn. Eur., ii, 1880, p. 219.

Hab. S. France.

† *tibialis*, Jakowleff, Trudi Russki Ent., xi, 1880, p. 217: Reut., Hem. Gymn. Eur., iii, p. 471, 537.

Hab. S. Russia, Sarepta.

Genus **ALLOETOMUS.**

Reuter, C. E. Soc. Ent. Belg., 1885, p. xlvii.

vitellinus, Reuter, l. c., p. xlvii, fig.

Hab. Portugal.

Genus **AMBLYTYLUS.**

Fieber, Crit. Gen. Phyt., 1859, 97, t. 6, f. 22; Eur. Hem., p. 76, 318: Dougl. & Scott, Brit. Hem., p. 388: Reuter, Rev. Caps., p. 163; Hem. Gymn. Eur., ii, p. 208; iii, p. 530.

Miris, pt, Hahn, Wanz. Ins., i, 1831: *Lopus*, pt, Kirschbaum, 1855: *Capsus* pt., Flor, 1860.

affinis, Fieber, Wien. Ent. Monats., viii, 1864, p. 332: Dougl. & Scott, Brit. Hem., p. 389: Walk., Cat. Het., vi, p. 56: Saund., Syn., p. 296: Reut., Hem. Gymn. Eur., ii, p. 213, t. 3, f. 2; iii, p. 470, 535.

Hab. N. Germany, Belgium, France, Italy, Britain [Atk., Lille].

albidus (*Miris*), Hahn, Wanz. Ins., ii, 1834, p. 77, t. 53, f. 162: Kirschb. (*Lopus*), Rhyn. Wiesb., p. 195, sp. 9: Thomson (*Phylus*), Opusc. Ent., iv, p. 452: Fieber (*Amblytylus*), Eur. Hem., p. 318: Walk., Cat. Het., vi, p. 55: Reuter, Rev. Caps., p. 163; *id.*, Hem. Gymn. Eur., ii, p. 209; iii, p. 470, 535.

frontalis, Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852, p. 127.

Hab. S. Sweden, Denmark, Germany, S. France.

brevicollis, Fieber, Crit. Caps., 1859, sp. 85: Eur. Hem., p. 318: Walk., Cat. Het., vi, p. 55: Reuter, Hem. Gymn. Eur., ii, p. 214, t. 3, f. 3; iii, p. 535.

Hab. Corsica, S. France.

concolor, Jakowleff, Bull. Mosc., lii (2), 1877, p. 297: Reuter, Hem. Gymn. Eur., ii, p. 214; iii, p. 470, 535.

Hab. S. Russia, Astrakhan, Hungary, Turkistan.

delicostulus, Perris, Ann. Soc. Linn. Lyon, iv, 1857, p. 167: Reuter, Hem. Gymn. Eur., ii, p. 210; iii, p. 469, 535; Berl. Ent. Zeits., xxv, 1881, p. 160, ♀.

Hab. S. France.

- ♀ *Jani*, Fieber, Eur. Hem., 1861, p. 319: Walk., Cat. Het., vi, p. 55: Reuter, Hem. Gymn. Eur., ii, p. 292, t. 3, f. 5.
Hab. Italy.
- ♀ *longiceps*, Flor, Rhyn. Liv., i, 1860, p. 554: Walk., Cat. Het., vi, p. 55: Reuter, Hem. Gymn. Eur., ii, p. 293, t. 3, f. 4.
Hab. Livonia.
- ♀ *lunula*, Fieber, Eur. Hem., 1861, p. 318: Walk., Cat. Het., vi, p. 55: Reuter, Hem. Gymn. Eur., ii, p. 292, t. 5, f. 9.
Hab. Spain.
- nasutus (Lopus)*, Kirschbaum, Rhyn. Wiesb., 1855, p. 195, sp. 10, p. 231: Flor, Rhyn. Liv., i, p. 552: Fieb., Eur. Hem., p. 319: Reuter, Rev. Caps., p. 164: *id.*, Hem. Gymn. Eur., ii, p. 211, t. 3, f. 1; iii, p. 470, 535.
Hab. S. Sweden, Denmark, Germany, Hungary, Italy, Corfu.
- ♀ *ornatulus*, Jakowleff, Trudi Busak. Ent., xii, 1882, p. 140: Reuter, Hem. Gymn. Eur., iii, p. 470.
Hab. Caucasus, Derbent.
- testaceus*, Reuter, Hem. Gymn. Eur., ii, 1880, p. 215; iii, p. 536.
Hab. Hungary.

Genus **MACROPHYLUS.**

- Fieber, Crit. Gen. Phyt., 1859, 86; *id.*, Eur. Hem., p. 76, 317: Reuter, Hem. Gymn. Eur., ii, p. 194, t. 1, f. 1; iii, p. 529.
Lopus, pt, F. Sahlb., Geoc. Fenn., 1848: *Macrocoleus*, pt, *Hoplomachus*, pt, Fieber, Eur. Hem. 1861: *Oncotylus*, pt. Dougl. & Scott, 1865: *Mermimerus*, J. Sahlb., Notis. Skpts pro Faun. Fl. Fenn., xi, 1871, p. 293: Reuter, Bih. Vet.-Aka. Handl., iii (1), 1875, p. 43.
- atricapillus (Litosoma)*, Scott, Ent. Mon. Mag., viii, 1872, p. 194: Walk., Cat. Het., vi, p. 131: Reuter, Hem. Gymn. Eur., ii, p. 206; iii, p. 468, 534.
gracilis, Puton, Ann. Soc. Ent. Fr., (5 s.) iv, 1874, p. 221.
Hab. S. France, Spain, Corsica, Greece.
- attenuatus*, Jakowleff, Trudi Russki., xiii, 1882, p. 172: Reuter, Hem. Gymn. Eur., iii, p. 468, 535.
Hab. S. Russia, Sarepta.
- bicolor (Macrocoleus)*, Fieber, Eur. Hem., 1861, p. 319: Walk., Cat. Het., vi, p. 142: Reuter, Hem. Gymn. Eur., ii, p. 204, t. 2, f. 6; iii, p. 533.
Hab. Spain.
- bipunctatus*, Reuter, Hem. Gymn. Eur., ii, 1879, p. 207; iii, p. 535.
Hab. France.
- ecolon*, Reuter, An. Soc. Esp. N. H., ix, 1880, p. 194: Ofvers. Finaka Soc. Förh., xxii, p. 23: Hem. Gymn. Eur., iii, p. 467, 534.
Hab. Spain.
- cruciatus (Lopus)*, F. Sahlberg, Mon. Geoc. Fenn., 1848, p. 89: (*Mermimerus*) J. Sahlb., Not. Fauna Fl. Fenn., xi, p. 294: Reuter, Rev. Caps., p. 162; Ofvers. Finaka

- Soc. Förh., xxi, p. 56; Walk., Cat. Het., vi, p. 58; Reuter, Hem. Gymn. Eur., ii, p. 196; iii, p. 467, 535.
proliens, Stål, Stettin. Ent. Zeit., xix, 1858, p. 187, ♀: Walk., Cat. Het. vi, p. 144.
 Hab. Finland, Karelia, Siberia.
- elevatus*, Fieber, Crit. Phyt., 1859, sp. 87; Eur. Hem., p. 321; Walk., Cat. Het., vi, p. 143; Reuter, Hem. Gymn. Eur., ii, p. 199, t. 2, f. 5, ♀, iii, p. 535.
 Hab. S. France, Corsica, Hungary.
- fulvicornis*, Jakowleff, Bull. Mosc., lvi (4), 1882, p. 364; Reuter, Hem. Gymn. Eur., iii, p. 469, 535.
 Hab. S. Russia.
- Herriohii, Reuter, Not. Skpts. Faun. Flor. Fenn., xiv, 1871, p. 24; Hem. Gymn. Eur., ii, p. 200; iii, p. 534.
bilineatus, Herr. Schöff., Wanz. Ins., iii, p. 70, t. 96, f. 285 (nec Fallen): Kirschb., Rhyn. Wiesb., p. 242, sp. 105; Fieber, Eur. Hem., p. 316; Walk., Cat. Het., vi, p. 141.
 Hab. France, Germany, Austria, Hungary.
- Horvathii (*Amblytylus*), Reuter, Pet. Nouv. Ent., ii, No. 144, 1876, p. 21; Hem. Gymn. Eur., ii, p. 203, 305; iii, p. 467, 534.
 Hab. Hungary, S. France, Greece.
- lutescens, Fieber, Verh. Zool. Bot. Ges. Wien, xx, 1870, p. 262; Walk., Cat. Het., vi, p. 141; Reuter, Hem. Gymn. Eur., ii, p. 197, t. 2, f. 4; iii, p. 535.
 Hab. Spain, Portugal, Italy.
- mundulus (*Leptomerochoris*), Stål, Stettin. Ent. Zeit., xix, 1858, p. 188, ♂: Walk., Cat. Het., vi, p. 144; Reuter, Ofvers. Finska Soc. Förh., xxi, p. 56; Hem. Gymn. Eur., ii, 1879, p. 206, 305, t. 2, f. 7 ♂; iii, p. 534.
 Hab. E. Siberia, Irkutsk.
- nigricornis, Fieber, Wien. Ent. Monats., viii, 1864, p. 331, ♀: Walk., Cat. Het., vi, p. 141; Reuter, Hem. Gymn. Eur., ii, p. 195, t. 2, f. 2, 3; iii, p. 535; Ferrari, Ann. Mus. Civ. Gen., (2 s.), i, 1884, p. 436.
 var. *melanocerus*, Puton, Ann. Soc. Ent. Fr., (5 s.) ix, 1876, p. 282, ♂.
 Hab. Greece, Algeria, Tunis.
- Paykullii (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 106; Fieber (*Macrocoleus*), Eur. Hem., p. 319; Dougl. & Scott, Brit. Hem., p. 388; Saund. Syn., p. 297; Reuter (*Mormimerus*), Hem. Gymn. Scan. & Fenn., p. 162; Thomson (*Phylus*), Opusc. Ent., iv, p. 451; Walk., Cat. Het., vi, p. 142; Reuter (*Macrotylus*), Hem. Gymn. Eur., ii, p. 204; iii, p. 468, 534.
elegans (*Poecilosoma*), Curtis.
maculipennis, Herr. Schöff., Nomencl. Ent., i, 1835, p. 50; Meyer, Rhyn. Schw., p. 81, t. 5, f. 1; Kirschb., Rhyn. Wiesb., p. 241, sp. 104.
 var. *nigripes* (*Macrocoleus*), Puton, Ann. Soc. Ent. Fr., (5 s.) iv, 1874, p. 221.
 Hab. S. & Middle Europe to S. Sweden; Tunis [Atk., Dunkirk, Stazzano].
- quadrilineatus (*Cimesa*), Sohrank, Verz. Ins. Bercht., 1785, p. 389; Reut., Hem. Gymn. Eur., iii, p. 467, 538; *id.*, Rev. Syn. Het., p. 301.
albopunctatus, Garbig., Bull. Soc. Ent. Ital., i, 1869, p. 194; Walk., Cat. Het., vi, p. 144.

luniger (*Macrotylus*), Fieber, Crit., ii, 1859, 34; Eur. Hem., p. 318; Walk., Cat. Het., vi, p. 141; Reuter, Hem. Gymn. Eur., ii, p. 195, t. 2, f. 1.

Hab. Austria, Switzerland, Italy.

solitarius (*Capsus*), Meyer, Rhyn. Schw., 1843, p. 83, t. 5, f. 4; Fieb. Eur. Hem., p. 321; Dougl. & Scott, Ent. Mon. Mag., iv, 227, t. 2, f. 4; Walk., Cat. Het., vi, p. 142; Saund., Syn., p. 297; Reut., Hem. Gymn. Eur., ii, p. 202, 305; iii, p. 467, 534.

var. *pilosus* (*Oncotylus*), Douglas & Scott, Brit. Hem., 1865, p. 395; Ent. Mon. Mag., x, p. 165, 277; Walk., Cat. Het., vi, p. 139.

seladonicus, Kirschbaum, Rhyn. Wiesb., 1855, p. 241, sp. 103 (*nec* Fallen).

Hab. Austria, Switzerland, France, Britain [*Atk.*, Bohemia].

Div. XVII, **PLAGIOGNATHARIA**, Reuter, Hem. Gymn. Eur., i, 1879, p. 15; iii, 1883, p. 568.

Genus **HARPOCERA.**

Curtis, Brit. Ent., xv, 1838, p. 36; Fieber, Eur. Hem., p. 72, 296; Dougl. & Scott, Brit. Hem., p. 468; Reuter, Rev. Caps., p. 165; *id.*, Hem. Gymn., Eur., i, p. 168 iii, p. 504.

hellenica, Reuter, Pet. Nouv. Ent., ii, No. 144, 1876, p. 21; Hem. Gymn. Eur., i, p. 170; iii, p. 466, 528.

Hab. Greece.

thoracica (*Lygaeus*), Fallen, Mon. Cim., 1807, p. 81; *id.*, Hem. Suec., p. 111; Herr. Schöff., Nomencl. Ent., p. 52; Meyer, Rhyn. Schw., p. 102, t. 6, f. 5, ♀; Kirschb., Rhyn. Wiesb., p. 233, sp. 82, p. 277; Fieber (*Harpocera*), Crit., 28; *id.*, Eur. Hem., p. 297; Dougl. & Scott, Brit. Hem., p. 469, t. 15, f. 3; Thomson, Opusc. Ent., iv, p. 443; Walk., Cat. Het., vi, p. 138; Saund., Syn., p. 299; Reuter, Rev. Caps., p. 165; *id.*, Hem. Gymn. Eur., i, p. 169, t. 8, f. 6, ♂; f. 7, ♀; iii, p. 466, 527; Rev. Syn. Het., p. 312.

antennatus, Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852, p. 129, ♂.

Burmeisteri (*Harpocera*), Curtis, Brit. Ent., xv, 1838, p. 709, f. 709, ♂.

circumflecta, Costa, Cim. Regn. Neap. Cent., iii, 1852, p. 36, t. 7, f. 6.

curvipes, Meyer, Rhyn. Schw., 1843, p. 98, t. 5, f. 3, ♂.

dispar, Stephens, *tests*, Signoret, Bull. Soc. Ent. Fr., 1853, p. liv,

picticornis, Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852, p. 149, ♀.

? *prothyris*, Vill., Ent. Auct., 1789, p. 529.

Hab. Middle & S. Europe [*Atk.*, Lille].

Genus **BYRSOPTERA.**

Spinola, Ess., 1837, p. 191; Dougl. & Scott, Brit. Hem., p. 351; Reuter, Rev. Caps., p. 166; Hem. Gymn. Eur., i, p. 165, 181; iii, p. 501.

Bryocoris, pt, F. Sahlberg, Mon. Geoc. Fenn., 1848.

Capsus, pt, Fallen, Mon. Cim., 1807.

Gyllocoris, pt, Hahn, Wans. Ins.

Halticus, pt, Burm., Handb. Ent., ii (i), 1835.

Malthacus, Fieber, Crit. Gen. Phyt., 1859, g. 77; Eur. Hem., p. 74, 312.

cylindricollis (*Halticus*), Costa, Cim. Regn. Neap., Cent. iii, 1852, p. 280: Reuter, Hem. Gymn. Eur., iii, p. 465, 527: Horvath, Rev. d' Ent., vii, 1888, p. 182, ♂.
Hab. France, Italy, Hungary, Greece.

fuscicornis, Reuter, Hem. Gymn. Eur., i, 1879, p. 168; iii, p. 527: Fedtsch. Turk., p. 33.

Hab. Turkistan.

pontica, Horvath, Rev. d' Ent., vii, 1888, p. 182.

Hab. Tauria.

rossica, Reuter, Hem. Gymn. Eur., i, 1879, p. 167; iii, p. 527.

Hab. S. Russia.

rufifrons (*Capsus*), Fallen, Mon. Cim., 1807, p. 105: Herr. Schöff., Wanz. Ins., iii, p. 110, t. 106, f. 338, ♀: Burm. (*Halticus*), Handb. Ent., ii (i), p. 278: Westwood (*Astemma*), Mod. Class. Ins., ii, p. 121: Meyer (*Capsus*), Rhyn. Schw., p. 112: Kolenati (*Ewycephala*), Mel. Ent., ii, p. 131: F. Sahlb. (*Bryocoris*), Geoc. Fenn., p. 124: Kirschb., Rhyn. Wiesb., p. 235, sp. 77; p. 274: Flor, Rhyn. Liv., i, p. 623: Thomson, Opusc. Ent., iv, p. 445: Walk., Cat. Het., vi, p. 130: Saund., Syn., p. 233: Reuter, Caps. Syn., p. 23; *id.*, Rev. Caps., p. 167; Hem. Gymn. Eur., i, p. 166; iii, p. 465, 527; Rev. Syn. Het., p. 306.

ambulans, ♀, var. *β*, Fallen, Hem. Suec., 1829, p. 126.

caricis, Fieber, Crit., 1859, 84; *id.* (*Malthacus*), Eur. Hem., p. 313 (*nec* Fallen): Dougl. & Scott, Brit. Hem., p. 352, t. 11, f. 6.

erythrocephala (*Byrsoptera*), Spinola, Ess., 1837, p. 191.

? *leucocephalus*, Schrank, Fauna Boica, 1801, p. 78 (*nec* Linn.).

Hab. Nearly all Europe, Asia Minor [*Atk.*, Hungary].

syriaca, Puton, MT. Schw. Ent. Ges., vi (3), 1881, p. 127: Reuter, Hem. Gymn. Eur., iii, p. 465, 527.

Hab. Syria, Kaiffa.

Genus **BRACHYARTHURUM.**

Fieber, Crit. Gen., 1859, 70; Eur. Hem., p. 73, 301: Reuter, Rev. Caps., p. 170; *id.* Hem. Gymn. Eur., i, p. 164, t. 1, f. 19 *d*; iii, p. 501.

limitatum, Fieber, Eur. Hem., 1861, p. 301, ♀: Walk., Cat. Het., vi, p. 148: Reuter, Rev. Caps., p. 170; *id.*, Hem. Gymn. Eur., i, p. 164, t. 8, f. 5, ♀; iii, p. 465, 526.

nigricaps, Bohem., Nya Svenska Hem., 1852, p. 67 (*nec* Fallen) ♀: Reuter, Caps. Syn., 1875, p. 19.

pinetillum, Thomson, Opusc. Ent., iv, 1871, p. 244 (*nec* Zett.).

Hab. Sweden, S. Finland, Bohemia.

Genus **PHYLUS.**

Hahn, Wanz. Ins., i, 1831, p. 26: Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 44, pt; Rev. Caps., p. 168; *id.*, Hem. Gymn. Eur., i, p. 159, t. 1, f. 19 *a-c*; iii, p. 501.

Gnostus, Fieber, Crit. Gen. Phyt., 1859, g. 82; Eur. Hem., p. 75.

Teratoscopus, Fieber, Eur. Hem., p. 315.

coryli (*Gimes*), Linn., Syst. Nat., (ed. 10), 1758, p. 451: Fabr., Syst. Ent., 1775, p. 724; *id.*, Syst. Rhyng., p. 234: Schrank, Fauna Boica, ii, p. 84? : Fallen, Mon. Cim., p. 83; *id.*, Hem. Suec., p. 90: Herr. Schöff., Nomencl. Ent., i, p. 52: Burm. Handb. Ent., ii (i), p. 268: Westwood, Mod. Class. Ina., ii, p. 122: Meyer, Rhyn. Schw., p. 54: F. Sahlb., Geoc. Fenn., p. 99: Kirschb., Rhyn. Wiesb., p. 234 sp. 85: Flor, Rhyn. Liv., i, p. 620: Fieber, Crit., 35; *id.*, Eur. Hem., p. 315: Dougl. & Scott, Brit. Hem., p. 356: Thomson, Opusc. Ent., iv, p. 444: Walk., Cat. Het., vi, p. 88: Saund., Syn., p. 300: Reuter, Rev. Caps., p. 168; *id.*, Hem. Gymn. Eur., i, p. 161; iii, p. 526; *id.*, Rev. Syn. Het., p. 310, 396.

? *flavipes*, Scopoli, Ent. Carn., 1763, p. 134.

? *mutabilis*, Linn., Syst. Nat. (ed. 10), 1758, p. 449; Faun. Suec., p. 256.

pallipes (*Phylus*), Hahn, Wanz. Ins., i, 1831, p. 26, t. 4, f. 16: Costa, Cim. Regn. Neap., Cent., i (1838) p. 50.

? *rufiventris*, Fallen, Hem. Suec., 1829, p. 100: Puton, Cat., 1886, p. 60.

var. *avellanae* (*Capsus*), Meyer, Stettin. Ent. Zeit., ii, 1841, p. 83; *id.*, Rhyn. Schw., p. 54, t. 2, f. 2: Herr. Schöff., Wanz. Ins., vi, p. 98, t. 212, f. 670: Kirschb., Rhyn. Wiesb., p. 235, sp. 86, p. 277; Fieber, Crit., 35; *id.*, Eur. Hem., p. 315: Dougl. & Scott, Brit. Hem., p. 357: Walk., Cat. Het., vi, p. 88: Saund., Syn., p. 300: Reuter, Hem. Gymn. Eur., i, p. 161, t. 8, f. 2; iii, p. 465, 526.

Hab. Nearly all Europe [*Atk.*, Liguria, Hungary].

lituratus, Fieber, Eur. Hem., 1861, p. 315: Walk., Cat. Het., vi, p. 87: Reuter, Hem. Gymn. Eur. i, p. 162, t. 8, f. 3; iii, p. 526.

Hab. Ural Mountains.

melanocephalus (*Gimes*), Linn., Syst. Nat., (ed. 12), 1767, p. 728: Hahn (*Lygus*), Wanz. Ins., i, p. 155, f. 79: Burm., Handb. Ent., ii (i), p. 268: Meyer, Rhyn. Schw., p. 55: F. Sahlb., Geoc. Fenn., p. 99: Costa, Cim. Regn. Neap., Cent. iii, p. 40: Kirschb., Rhyn. Wiesb., p. 234 sp. 84: Flor, Rhyn. Liv., i, p. 621: Fieber, (*Phylus*), Crit., 1859, 35; *id.*, Eur. Hem., p. 315: Dougl. & Scott, Brit. Hem., p. 355: Stål, Hem. Fabr., i, p. 89; Thomson, Opusc. Ent., iv, p. 444: Walk., Cat. Het., vi, p. 87: Saund., Syn., p. 300: Reuter, Rev. Caps., p. 169; *id.*, Hem. Gymn. Eur. i, p. 160; ii, p. 304; iii, p. 526; *id.*, Rev. Syn. Het., p. 309.

diaphanus, Vill., Ent. Auct., 1789, p. 535.

leucopus, Gmelin, Syst. Nat. iv, 1788, p. 2167.

nigripes, Muls. & Rey, Ann. Soc. Linn. Lyon, 1852, p. 137.

ochropterus, Gmelin, Syst. Nat., iv, 1788, p. 2167.

pallens, Fabr., Mant. Ina., 1787, p. 306; *id.*, Syst. Rhyng., p. 254: Latreille, Hist. Nat., xii, p. 228.

pallidus, Gmelin, Syst. Nat., iv, 1788, p. 2190.

revestitus, Fallen, Mon. Cim., 1807, p. 82; *id.*, Hem. Suec., p. 89.

Hab. Nearly all Europe [*Atk.*, Lille].

palliceps, Fieber, Eur. Hem., 1861, p. 315: Dougl. & Scott, Brit. Hem., p. 355: Walk., Cat. Het., vi, p. 87: Saund., Syn., p. 300: Reuter, Hem. Gymn. Eur., i, p. 160; iii, p. 464, 526.

aurantiacus, Vollenhoven, Inl. Hem., in Tijdschr. Ent., xix, p. 104.

Hab. Britain, Holland, France, Spain, Austria [*Atk.*, Hungary].

plagiatus (*Capsus*), Herr. Schöff., Nomencl. Ent., i, 1835, p. 50; *id.*, Panzer, Faun. Germ., 136, t. 10, ♀ : Herr. Schöff., Wanz. Ins., vi, p. 30, t. 191, f. 587, ♂ : Fieber, Crit. Phyt., p. 35; *id.*, Eur. Hem., p. 316 : Walk., Cat. Het., vi, p. 140 : Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 160, Var.; *id.*, Hem. Gymn. Eur., i, p. 63, t. 8, f. 4; iii, p. 465.

instictatus, Fieber, Weit. Beytr., i, 1836, p. 104, t. 2, f. 3.

Hab. France, Switzerland, Austria.

Genus **ICODEMA.**

Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 45; Hem. Gymn. Eur., i, p. 157; iii, p. 501.

Plagionathus, pt, Fieber : *Orthotylus*, pt, Frey Gessner.

infuscatum (*Plagiognathus*), Fieber, Eur. Hem., 1861, p. 303 : Walk., Cat. Het., vi, p. 149 : Reut., Hem. Gymn. Eur., i, p. 158, t. 8, f. 6; ii, p. 304; iii, p. 464, 526.

pallidus, Meyer, MT. Schwe. Ent. Ges., iii, 1870, p. 209; Puton, *ib.*, p. 421 : Walk., Cat. Het., vi, p. 133.

Hab. S. Finland, France, Spain, Austria.

Genus **PLESIODEMA.**

Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 45; Rev. Caps., p. 171; Hem. Gymn. Eur., i, p. 155; iii, p. 500.

Agalliastes, pt, Fieber, Eur. Hem., 1861, p. 74, 810.

Capeus, pt, Zetterstedt.

pinetellum (*Phytocoris*), Zetterstedt, Ins. Lapp., 1840, p. 276 : (*Capsus*) Kirschbaum, Rhyn. Wiesb., p. 236, sp. 90, p. 277, ♂ : Flor, Rhyn. Liv., i, p. 586 : Walk., Cat. Het., vi, p. 148 : Reuter, (*Plesiodema*), Rev. Caps., p. 171; Ent. Mon. Mag., xiii, p. 85; Caps. Syn., p. 23; Hem. Gymn. Eur., i, p. 156, 179; ii, p. 304; iii, p. 464, 526 : Saund., Syn., p. 654.

lugubris, Fieber, Eur. Hem., 1861, p. 312 : Walk., Cat. Het., vi, p. 155.

pallidipennis, J. Sahlb., Notis Skpts Fauna Fl. Fenn., ix, 1867, p. 178, ♀.

var. { *impurum*, Reuter, Caps. Syn., 1875, p. 22 (*nec Bohem.*).

pallidipennis, var. β , Reuter, Hem. Gymn. Eur., i, p. 115.

Hab. N. & Middle Europe, N. Italy, Scotland [Atk., Lille].

Genus **EUROTAS.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 302.

nodosus, Distant, *l. c.*, p. 303, t. 29, f. 12.

Hab. Panama, Bugaba.

Genus **LAMPETHUSA.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 303.

anatina, Distant, *l. c.*, p. 303, t. 29, f. 13.

Hab. Guatemala, Zapote.

Genus **PSALLUS.**

- Fieber, pt, Crit. Gen., 1859, g. 74; *id.*, Eur. Hem., p. 74, 305: Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 47; Rev. Caps., p. 174; *id.*, Hem. Gymn. Eur., i, p. 101, t. 1, f. 18; iii, p. 503.
- Agalliastes*, pt, Fieber, Eur. Hem., 1861, p. 74, 310.
- Apocremmus*, Fieber, Crit. Phyt., 1859, g. 78; Eur. Hem., p. 74, 304: Reuter, Bih. l. c. *supra*, p. 47.
- Atractotomus*, pt, Fieber, Eur. Hem., 1861, p. 71, 294.
- Liops*, pt, Fieber, Verh. Zool. Bot. Ges. Wien, xx, 1880, p. 254, t. 6; Reuter, Bih. l. c. *supra*, p. 49.
- absinthii*, Scott, Stettin. Ent. Zeit., xxxi, 1860, p. 100: Walk., Cat. Het., vi, p. 156: Reuter, Hem. Gymn. Eur., i, p. 150; iii, p. 525.
- aethiops* (*Phytocoris*), Zetterstedt, Ins. Lapp., 1840, p. 274? Thomson (*Phylus*), Opusc. Ent., iv, p. 446: J. Sahlb., Vet.-Aka. Handl., xvi, (4), 1878, p. 30: Reuter, Caps. Syn., p. 21; Abo Hem., p. 179; *id.*, Rev. Caps., p. 177; Hem. Gymn. Eur., i, p. 109, 176; iii, p. 517, 519.
- intermedius*, F. Sahlb., Geoc. Fenn., 1848, p. 116: Reuter, Caps. Syn., p. 21; Rev. Caps., p. 175; Hem. Gymn. Eur., i, p. 107, 176.
- Hab. S. Finland, Lapland, Siberia [*Atk.*, Finland].
- albicinctus* (*Capsus*), Kirschb., Rhyn. Wiesb., 1855, p. 256, sp. 138, p. 332: Fieber (*Psallus*), Eur. Hem., p. 307: Walk., Cat. Het., vi, p. 152; Reuter, Rev. Caps., p. 190; *id.*, Hem. Gymn. Eur., i, p. 148, t. 6, f. 3; iii, p. 463, 523.
- Hab. Denmark, Germany, S. Austria, Switzerland, N. France, Belgium [*Atk.*, Lille].
- albipes* (*Apocremmus*), Jakowleff, Bull. Mosc., lii (2), 1877, p. 298: Reuter, Hem. Gymn. Eur., i, p. 114; iii, p. 520.
- Hab. S. Russia.
- alnicola*, Douglas & Scott, Ent. Mon. Mag., viii, p. 62: Saund. Syn., p. 305: Reuter, Rev. Caps., p. 183; Abo Hem., p. 182; Hem. Gymn. Eur., i, p. 126; iii, p. 522.
- alni*, Douglas & Scott, Brit. Hem., 1865, p. 414
- Hab. Britain, Scandinavia.
- ambiguus* (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 99: Zett., Ins. Lapp., p. 274: Herr. Schaff. (*Capsus*), Wans. Ins., vi, 1842, p. 43, t. 95, f. 602, ♀: Meyer, Stettin. Ent. Zeit., ii, 1841, p. 85?; Rhyn. Schw., p. 60: F. Sahlb., Geoc. Fenn., p. 114: Kirschb., Rhyn. Wiesb., p. 254, sp. 132, p. 279: Flor, Rhyn. Liv., i, p. 627: Thomson, Opusc. Ent., iv, p. 346: Fieber (*Apocremmus*), Eur. Hem., p. 305, pt; Walk., Cat. Het., vi, p. 150: Reuter, Caps. Syn., p. 20, pt; Abo Hem., p. 179; *id.*, Rev. Caps., p. 178; Hem. Gymn. Eur., i, p. 105, t. 7, f. 8; ii, p. 302; iii, p. 460, 517, 519: Saund., Syn., p. 302.
- betuleti*, Zetterstedt, Ins. Lapp., 1840, p. 274.
- mutabilis*, Fallen, Hem. Suec., 1829, p. 98, ♀ p. 252, sp. 128.
- obscurus*, Kirschbaum, Rhyn. Wiesb., 1855, ♂, ? : Douglas & Scott, Brit. Hem., p. 406.
- Hab. Nearly all Europe.
- ancorifer*, Fieber, Crit. Phyt., 1859, sp. 24, *id.*, Eur. Hem., p. 304: Walk., Cat. Het., vi, p. 150: Reuter, Hem. Gymn. Eur., i, p. 104, t. 7, f. 7; iii, p. 459, 460, 517, 518.

nigripes, Fieber, Eur. Hem., 1861, p. 295, ♂.

var. *fuscinervis*, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 56, ♂; Hem. Gymn. Eur., i, p. 103, 176, t. 1, f. 18 *f-h*; ii, p. 303; iii, p. 459.

„ *minor*, Reuter, Hem. Gymn. Eur., iii, 1883, p. 459, 460; Ferrari, Ann. Mus. Civ. Gen., 1884, p. 486.

Hab. S. Europe, Greece, Tunis, Asia Minor [*Atk.*, Catalonia, Genoa].

anticus (*Apocremnus*), Reuter, Pet. Nouv. Ent., ii, No. 144, 1876, p. 22; Hem. Gymn. Eur., i, p. 118; iii, p. 520.

Hab. S. Russia, Greece.

argyrotrichus, Fieber, Eur. Hem., 1861, p. 308; Walk., Cat. Het., vi, p. 152; Reuter, Hem. Gymn. Eur., i, p. 153; iii, p. 526.

Hab. Spain, Aachen.

atomosus, Reuter, Hem. Gymn. Eur., i, 1879, p. 150; ii, p. 303; iii, p. 464, 525.

? = *absinthii*, Scott, *q. v.*

Hab. France, S. Russia, Sarepta.

aurora (*Capsus*), Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852, p. 133; Reuter, *l. c.*, *supra*, p. 146; iii, p. 523.

Hab. S. France, Spain, Algeria.

betuleti (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 97; Zett., Ins., Lapp., p. 274; F. Sahlb., Geoc. Fenn., p. 114; Thomson, Opusc. Ent., iv, p. 445; Reuter, Caps. Syn., p. 20; Abo Hem., p. 180; *id.*, Rev. Caps., p. 176; Hem. Gymn. Eur., i, p. 110, 178; ii, p. 302; iii, p. 469, 518, 519; Rev. Syn. Het., p. 306; Saund., Syn., p. 302.

? *ambiguus*, pt, Flor, Rhyn. Liv., i, 1860, p. 627, ?; Fieber, Eur. Hem., p. 305, pt; Dougl. & Scott, Brit. Hem., p. 404, *excl. syn.*

betulae, Kirschb., Rhyn. Wiesb., 1855, p. 254, sp. 133, p. 327, ♀.

? *cruentus*, Müller, Zool. Dan., 1776, p. 103 (*nom. praesoc.*)

? *leucostictus*, Gmelin, Syst. Nat. iv, 1788, p. 2180.

? *Mülleri*, Turton, Syst. Nat., ii, 1806, p. 671.

? *obscurus*, Kirschb., Rhyn. Wiesb., 1855, p. 252, sp. 128, p. 279, 322; *teste* Puton, Cat. 1886.

ruber, Herr. Schöff., Nomen. Ent., i, 1835, p. 50, ♀.

Hab. Nearly all Europe, S. Finland.

bicolor, Jakowleff, Trudi Russki Ent., ix, 1880, p. 219; Reuter, Hem. Gymn. Eur., iii, p. 460, 520.

Hab. S. Russia, Sarepta.

bivitreus (*Capsus*), Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852, p. 146; Reuter, Hem. Gymn. Eur., p. 152.

? = *variabilis*, Hahn, Wanz. Ins., ii, 1835, p. 137, t. 72, f. 224.

Hab. S. France.

carduellus, Horvath, Rev. d' Ent., vii, 1888, p. 183.

Hab. Dalmatia, Herzegovina.

callunae, Reuter, Hem. Gymn. Eur., i, 1879, p. 122; iii, p. 521.

Hab. S. France.

U

chrysopsilus, Reuter, *l. c.*, p. 112, 179; iii, p. 518, 519.

Hab. N. Hungary.

cognatus, Jakowleff, *Bull. Mosc.*, lii (2), 1877, p. 298; Reuter, *Hem. Gymn. Eur.*, i, p. 122, 179; iii, p. 521.

Hab. S. Russia, Sarepta.

convexus, Reuter, *Pet. Nouv. Ent.*, i, 1875, p. 540.

Hab. Corsica.

corsicus, Puton, *Pet. Nouv. Ent.*, i, No. 131, 1875, p. 522; Reuter, *Hem. Gymn. Eur.*, i, p. 130; iii, p. 522.

Hab. Corsica.

criocoroides, Reuter, *Ofvers. Finska Vet. Soc. Förh.*, xxi, 1879, p. 39; *id.*, *Hem. Gymn. Eur.*, ii, p. 302; iii, p. 520.

Hab. S. France.

Crotchii, Scott, *Stettin. Ent. Zeit.*, xxxi, 1860, p. 91; *Walk., Cat. Het.*, vi, p. 153; *Reut., Hem. Gymn. Eur.*, i, p. 149; iii, p. 464, 525.

Hab. Spain, S. France, Corsica.

cruentatus (Capsus), Mulsant & Rey, *Ann. Soc. Linn. Lyon*, 1852, p. 131; Reuter, *Hem. Gymn. Eur.*, i, p. 153.

Hab. France.

delicatus, Uhler, *Ent. Amer.*, iii, 1887, p. 34; *List*, p. 20.

Hab. N. America.

dilutus (Meyer), Fieber, *Crit. Phyt.*, 1859, sp. 28; *Eur. Hem.*, p. 308; *Walk., Cat. Het.*, vi, p. 152; *Reut., Hem. Gymn. Eur.*, i, p. 136; iii, p. 525.

Hab. Switzerland.

diminutus (Capsus), Kirschbaum, *Rhyn. Wiesb.*, 1855, p. 256 sp. 137, p. 330; Fieber (*Psallus*), *Eur. Hem.*, p. 309; *Walk., Cat. Het.*, vi, p. 153; *Saund., Syn.*, p. 665; Reuter, *Caps. Syn.*, p. 21, pt; *Abo Hem.*, p. 182; *id.*, *Rev. Caps.*, p. 190; *Ent. Mon. Mag.*, xxii, p. 86; *Hem. Gymn. Eur.*, i, p. 140, t. 6, f. 4; iii, p. 462, 523.

Hab. S. Scandinavia, Germany, S. Austria, Switzerland, France, Britain [*Ath.*, Lille].

Fallenii, Reuter, *Hem. Gymn. Eur.*, iii, 1883, p. 462, 522.

roseus, Fabr., *Syst. Rhyng.*, 1803, p. 238 (*nec Gen. Ins.*, 1766, p. 300)?; Reuter, *Hem. Gymn. Scan. & Fenn.*, p. 186, pt; *Hem. Gymn. Eur.*, i, p. 131; *Fallen*, pt, *Hem. Suec.*, p. 101; *Zett., Ins. Lapp.*, p. 275; *F. Sahlb., Geoc. Fenn.*, p. 107; *Flor. Rhyn. Liv.*, i, p. 591; *Thomson, Opusc. Ent.*, p. 447; *Walk., Cat. Het.*, vi, p. 152; *Saund., Syn.*, p. 305; Reuter, *Rev. Caps.*, p. 186.

salicis, Fieber, *Eur. Hem.*, 1861, p. 307; *Dougl. & Scott*, pt, *Brit. Hem.*, p. 414; *Walk., Cat. Het.*, vi, p. 152; Reuter, *Hem. Gymn. Eur.*, t. 6, f. 7.

Hab. Nearly all Europe.

flavosparsus, F. B. White, *Proc. Zool. S. Lond.*, 1878, p. 468.

Hab. St. Helena.

- graminicola* (*Phytocoris*), Zetterstedt, Ins. Lapp., 1840, p. 275 ; F. Sahlb., Geoc. Fenn., p. 115 ; Thomson, Opusc. Ent., iv, p. 446 ; Reuter, Caps. Syn., p. 21 ; Abo Hem., p. 180 ; *id.*, Rev. Caps., p. 179 ; Hem. Gymn. Eur., i, p. 108, 176 ; iii, p. 518, 519.
Hab. Lapland, S. Finland.
- guttulosus*, Reuter, Caps. Amer., 1875, p. 89 ; Uhler, List, p. 20.
Hab. Texas.
- Henschii*, Reuter, Rev. d' Ent., viii, 1888, p. 59.
Hab. Illyria.
- Kirschbaumii*, Fieber, Eur. Hem., 1861, p. 308 ; Walk., Cat. Het., vi, p. 452 : Reuter, Hem. Gymn. Eur., i, p. 154.
roseus, Kirschbaum, Rhyn. Wiesb., 1855.
Hab. Germany.
- Kolenatii* (*Capsus*), Flor. Rhyn. Liv., i, 1860, p. 585 ; Fieber, Wien. Ent. Monats., viii, 1864, p. 230 ; Walk., Cat. Het., vi, p. 156 ; Reuter, Abo Hem., p. 178 ; Hem. Gymn. Eur., i, p. 102, 176 ; iii, p. 517.
debilicornis (*Atractotomus*), Reuter, Rev. Caps., 1875, p. 174.
Hab. S. Scandinavia, Livonia, Hungary, Switzerland.
- lapponicus*, Reuter, Ofvers. Vet.-Aka. Förh., 1874, p. 47 ; *id.*, Rev. Caps., p. 188 ; Hem. Gymn. Eur., i, p. 134 ; iii, p. 524.
quercus, Gredler, Nachlese Wanz. Tirols., p. 557.
varians, pt. Meyer, Rhyn. Schw., 1843, p. 69.
Hab. Lapland, Switzerland, France, Tyrol, Hungary.
- laricis*, Reuter, Bih. Vet.-Akad. Handl., iii (i), 1875, p. 48 ; *id.*, Hem. Gymn. Eur., i, p. 113, t. 7, f. 6 ; iii, p. 460, 519.
rosert, var. *decolor*, Gredler, Nachlese Wanz. Tyrol, p. 557.
Hab. Switzerland, Tyrol, Hungary [*Atk.*, Canton Valais].
- laticeps*, Reuter, Hem. Gymn. Eur., i, 1879, p. 180 ; iii, p. 524.
Hab. Siberia, Yenisei.
- lepidus*, Fieber, Crit. Phyt., 1859, sp. 25 ; *id.*, Eur. Hem., p. 307 ; Douglas & Scott, Brit. Hem., p. 416 ; Walk., Cat. Het., vi, p. 152 ; Saund., Syn., p. 304 ; Reuter, Abo Hem., p. 178 ; *id.*, Rev. Caps., p. 184 ; Hem. Gymn. Eur., i, p. 127, t. 6, f. 8 ; iii, p. 460, 522.
roseus, Herr. Schöff., Nomencl. Ent., i, 1835, p. 49 ; *id.*, Wanz. Ins., iii, p. 7, t. 96, f. 287 ? ; *ib.*, vi, p. 46, t. 195, f. 604 ; Meyer, Rhyn. Schw., p. 67, ? ; Costa, Cim. Regn. Neap., Cent., iii, p. 268, ? .
salicis, Reuter, Hem. Gymn. Eur., i, p. 129 ; iii, p. 461 (*nec* Kirschb.).
Hab. S. Scandinavia, Britain, France, Switzerland, Austria, Moldavia, Caucasus [*Atk.*, France].
- luridus*, Reuter, Hem. Gymn. Eur., i, 1878, p. 133, t. 1, f. 18 d ; ii, p. 303 ; iii, p. 524.
Rotermundi, Gredler, Nachlese Wanz. Tirols, l. c. *supra*.
Hab. France, Tyrol, Hungary.
- luticornis*, Vuillefroy, Ent. Auct., 1789, p. 535 ; Reuter, Rev. Syn. Het., p. 308.
Hab. France.

lutosus, F. B. White, Proc. Zool. S. Lond., 1878, p. 468.

Hab. St. Helena.

mollis (*Capsus*), Mulsant & Rey, Ann. Soc. Linn. Lyon., 1852, p. 141: Reut., Hem. Gymn. Eur., i, p. 139, iii, p. 462, 523.

convexus, Reut., Pet. Nouv. Ent., i, 1875, p. 540.

Hab. S. France, Corsica, Greece [*Atk.*, Genoa].

nebulosus, Reuter, Hem. Gymn. Eur., i, p. 142, t. 1, f. 18 l; iii, p. 524; Fedtsch. Turk., p. 34.

Hab. Turkistan.

obscorellus (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 108: Zett., Ins. Lapp., p. 276: Thomson (*Phylus*), Opusc. Ent., iv, p. 446: Saund., Syn., p. 302: Reuter, Abo Hem., p. 180; *id.*, Caps. Syn., p. 22; Rev. Caps., p. 180; Hem. Gymn. Eur., i, p. 115, 179, t. 7, f. 2; iii, p. 518, 519.

? *Meyeri*, Fieber, Wien Ent. Monats., viii, 1864, p. 231: Walk., Cat. Het., vi, p. 156.

pini, Douglas & Scott, Brit. Hem., 1865, p. 436: Fieb., Wien. Ent. Monats., 1864, p. 224; Walk., Cat. Het., vi, p. 143.

pityophilus, Flor, Rhyn. Liv., i, 1860, p. 597.

Hab. Nearly all Europe, Britain [*Atk.*, Lille].

pallidus, Reuter, Ofvers. Finska Vet. Soc. Förh., xxii, 1880, p. 24; *id.*, Hem. Gymn. Eur., iii, p. 462, 523.

Hab. Pyrenees.

piceae, Reuter, Hem. Gymn. Eur., i, 1879, p. 135; iii, p. 524.

? *varians*, Meyer, pt. Stettin. Ent. Zeits., ii, 1841, p. 84; *id.*, Rhyn. Schw., p. 69: Herr. Schöff., Wanz. Ins., vi, p. 25, f. 603.

Hab. Switzerland.

pinicola, Reuter, Bih. Vet. Aka. Handl., iii (i), 1875, p. 51; *id.*, Hem. Gymn. Eur., i, p. 132, 179; iii, p. 462, 524.

roseus, Fieber, Eur. Hem., 1861, p. 308 (*nec* Fabr., Fall.).

Hab. France, Switzerland, Hungary [*Atk.*, Vosges, France].

puberulus, Montandon, Rev. d' Ent., vi, 1887, p. 68.

Hab. Herzegovina.

pumilus (*Agalliastes*), Jakowleff, Bull. Mosc., li (3), 1876, p. 121; Reut., Hem. Gymn. Eur., i, p. 151; iii, p. 464, 525.

Hab. Spain, Hungary, S. Russia, Sarepta, Astrakhan, Caucasus.

puncticollis (*Liops*), Fieber, Verh. Zool. Bot. Ges. Wien, xx, 1870, p. 254, t. 6, f. 5: Walk., Cat. Het., vi, p. 149: Reut., Hem. Gymn. Eur., i, p. 124; iii, p. 460, 520.

Hab. Spain.

punctulatus (Fieber), Puton, Ann. Soc. Ent. Fr., (5 s.) iv, 1874, p. 220, t. 7, f. 4: Reuter, Hem. Gymn. Eur., i, p. 144; iii, p. 463, 523.

Hab. France, Austria, Greece.

quercus (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 253, sp. 130, p. 323, Fieb., Eur. Hem., p. 305: Dougl. & Scott, Brit. Hem., p. 409; Walk., Cat. Het., vi,

p. 150 : Saund., Syn., p. 303 : Reuter, Rev. Caps., p. 182 ; Hem. Gymn. Eur., i, p. 120, t. 7, f. 3 ; ii, p. 303 ; iii, p. 460, 521.

Hab. Britain, France, Spain, Italy, Germany, S. Austria, Sweden [*Atk.*, Lille, Genoa].

roseus (*Cimez*), Fabr., Gen. Ins., 1766, p. 300 ; *id.*, Spec. Ins., 1781, p. 370 : Mant. Ins., 1787, p. 304 ; Ent. Syst. Supp., 1798, p. 542 ? : Reuter, Hem. Gymn. Eur., iii, p. 463, 525 ; *id.*, Rev. Syn. Het., p. 307.

? *conspersus*, Gmelin, Syst. Nat., iv (i), 1788, p. 2167.

dilutus, Dougl. & Scott, Brit. Hem., 1865, p. 417.

? *haematodes*, Gmelin, Syst. Nat., iv (i), 1788, p. 2169.

haematopus, Turton, Syst. Nat., ii, 1806, p. 671.

? *pallescens*, Gmelin, Syst. Nat., iv (i), 1788, p. 2165.

? *rubellus*, Müller, Zool. Dan., 1776, p. 108.

sanguineus, Fabr. Ent. Sys., iv, 1794, p. 175 ; Syst. Rhyng., p. 306 : Latr., Hist. Nat., xii, p. 226 : Fallen, Mon. Cim., p. 89 ; *id.*, Hem. Suec., p. 102 : Meyer, Rhyn. Schw., p. 75 : F. Sahlb., Geoc. Fenn., p. 107 : Kirschb., Rhyn. Wiesb., p. 257, sp. 140 : Fieber, Crit., 33 ; *id.*, Eur. Hem., p. 306 : Flor, Rhyn. Liv., i, p. 588 : Dougl. & Scott, Brit. Hem., p. 413 : Walk., Cat. Het., vi, p. 151 : Saund., Syn., p. 304 : Reuter, Rev. Caps., p. 191.

var. *alni*, Fabr., Ent. Syst., iv, 1794, p. 175 ; Syst. Rhyng., p. 238 : Stål, Hem. Fabr., i, p. 88 : Thomson, Opusc. Ent., iv, p. 447 : Walk., Cat. Het., vi, p. 151 : Reuter, Hem. Gymn. Eur., i, p. 144 ; iii, p. 463.

querceti, Fallen, Mon. Cim. Supp., 1826, p. 15 ; *id.*, Hem. Suec., p. 49 : Herr. Schöff., Nomencl. Ent., i, p. 50 : Fieber, Eur. Hem., p. 306 : Dougl. & Scott, Brit. Hem., p. 412 : Walk., Cat. Het., vi, p. 151.

Hab. Nearly all Europe [*Atk.*, Lille].

salicis (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 257, sp. 139, p. 280, 334 (*nec* Fieb. Reut.) : Reut., Hem. Gymn. Eur., iii, p. 461, 526.

Hab. Germany.

salicellus (*Capsus*), Meyer, Rhyn. Schw., 1843, p. 74 : Herr. Schöff., Wanz. Ins. vi, 1842, p. 47, f. 605 : Flor, Rhyn. Liv., i, p. 590 : Fieb., Eur. Hem., p. 305 : Dougl. & Scott, Brit. Hem., p. 411 : Walk., Cat. Het., vi, p. 151 : Saund., Syn., p. 304 : Reuter, Hem. Gymn. Eur., i, p. 146 ; iii, p. 525.

irroratus, Mulsant & Rey, Ann. Soc. Linn, Lyon, 1852.

Hab. S. & Mid. Europe, Livonia.

Scholtzii (Meyer), Fieber, Eur. Hem., 1861, p. 306 : Walk., Cat. Het., vi, p. 151 : Reuter, Abo Hem., p. 177, 181 ; *id.*, Rev. Caps., p. 185 ; *id.*, Hem. Gymn. Eur., i, p. 125, t. 6, f. 9 ; iii, p. 522.

alnicola, pt, Reuter, Rev. Caps., p. 184, ♂.

? *signatipes*, Herr. Schöff., Nomencl. Ent., i, 1835, p. 49 : Puton, Cat., p. 60 : Reuter, Hem. Gymn. Eur., i, p. 125, 127.

Hab. Scandinavia, Germany, Switzerland, France.

siculus, Reuter, Pet. Nouv. Ent., i, No. 135, 1875, p. 539 ; *id.*, Hem. Gymn. Eur., i, p. 113 ; iii, p. 518.

Hab. Sicily.

simillimus (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 253, sp. 131, p. 325 : Fieber, Eur. Hem., p. 305 : Walk., Cat. Het., vi, p. 151 : Saund., Syn., p. 303 :

Reuter, Abo Hem., p. 181; *id.*, Rev. Caps., p. 182; *id.*, Hem. Gymn. Eur., i, p. 119, 179, t. 8, f. 4; iii, p. 460, 521.

Hab. Middle & S. Europe.

variabilis (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 98: Hahn, Wanz. Ins., ii, p. 137, t. 72, f. 224, ♂, ? : Zett., Ins. Lapp., p. 275: Costa, Cim. Regn. Neap., Cent., iii, p. 268: Meyer (*Capsus*), Rhyn. Schw., p. 68, t. 3, f. 4, ♀: F. Sahlb., Geoc. Fenn., p. 115: Kirschb., Rhyn. Wiesb., p. 253, sp. 129, p. 279: Flor, Rhyn. Liv., i, p. 592: Thomson, Opusc. Ent., iv, p. 447: Fieber (*Apocremnus*), Eur. Hem., p. 305: Dougl. & Scott, Brit. Hem., p. 408: Walk., Cat. Het., vi, p. 151: Saund. (*Psallus*), Syn., p. 302: Reuter, Abo Hem., p. 180; *id.*, Rev. Caps., p. 181; *id.*, Hem. Gymn. Eur., i, p. 116, t. 7, f. 5; ii, p. 303; iii, p. 520.

Perrisii, Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852, p. 139.

salicis, Douglas & Scott, pt. Brit. Hem., 1865, p. 414.

var. *simillimus*, Douglas & Scott, l. c., p. 166.

Whitei, Douglas & Scott, Ent. Mon. Mag., v, 1869, p. 263: Walk., Cat. Het., vi, p. 153.

Hab. Nearly all Europe [*Atk.*, Lille, Genoa].

varians (*Capsus*), Herr. Schöff, Wanz. Ins., vi, 1842, p. 45, t. 195, f. 603 ♂: Meyer, Stettin. Ent. Zeit., ii, 1841, p. 84?; Rhyn. Schw., p. 39, pt. Kirschb., Rhyn. Wiesb., p. 256 sp. 136: Fieber (*Psallus*), Eur. Hem., p. 309: Dougl. & Scott, Brit. Hem., p. 418, t. 13, f. 7: Walk., Cat. Het., vi, p. 153: Saund., Syn., p. 305: Reuter, Caps. Syn., p. 21; Abo Hem., p. 182; *id.*, Rev. Caps., p. 189; Hem. Gymn. Eur., i, p. 138, t. 1, f. 18 a-c, e; iii, p. 462, 523.

mutabilis, Thomson, Opusc. Ent., iv, 1871, p. 447 (*nec* Fallen).

rubricatus, Fallen, Hem. Suec., 1829, p. 100.

rufescens, Hahn, Wanz. Ins., i, 1831, p. 23, t. 4, f. 18.

var. *decoloratus*, Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852, p. 143: Reuter, Hem. Gymn. Eur., iii, p. 525.

„ *distinctus*, Fieber, Crit. Phyt., 1859, sp. 26; Eur. Hem., p. 309: Douglas & Scott, Brit. Hem., p. 419: Walk., Cat. Het., vi, p. 153.

„ *insignis*, Fieber, Crit. Phyt., 1859, 9, 27; Eur. Hem., p. 309.

„ *nigrescens*, Fieber, l. c. p. 309.

„ *ochraceus*, Fieber, l. c. p. 309.

Hab. Nearly all Europe [*Atk.*, Hyères].

vinaceus, F. B. White, Proc. Zool. S. Lond., 1878, p. 469.

Hab. St. Helena.

vitellinus (*Capsus*), Scholtz, Arb. u. Veränd. d. Schles. Ges., 1846, p. 26: Flor, Rhyn. Liv., i, p. 624: Fieb., Eur. Hem., p. 307: Walk., Cat. Het., vi, p. 152: Reuter, Hem. Gymn. Eur., i, p. 137, t. 1, f. 18 k; t. 7, f. 1; iii, p. 462, 525.

Hab. Denmark, Germany, Switzerland, Tyrol, France.

Wollastonii, Reuter, Ent. Mon. Mag., xiii, 1876, p. 154: Hem. Gymn. Eur., i, p. 141; iii, p. 524.

Hab. Madeira.

Genus EPISCOPUS.

Reuter, Caps. Amer., 1875, p. 90.

ornatus, Reuter, *l. c.*, p. 90: Uhler, List, p. 20.

Hab. Texas.

Genus **EURYSTYLUS.**

Stål, *Ofvers. K. Vet.-Aka. Förh.*, 1870, p. 67.

costalis, Stål, *l. c.*, p. 671: Walk., *Cat. Het.*, vi, p. 124.

Hab. Philippines.

Genus **ATRACTOTOMUS.**

Fieber, *Crit. Gen.*, 1859, 62, t. 6, f. 39; *Eur. Hem.*, p. 71, 294, pt: Reuter, *Bih. Vet.-Aka. Handl.*, iii (i), p. 46; *Hem. Gymn. Eur.*, i, 1879, p. 92, t. 1, f. 17; ii, p. 302; iii, p. 503.

albipennis, Reuter, *Pet. Nouv. Ent.*, ii, No. 144, 1876, p. 21; *id.*, *Hem. Gymn. Eur.*, i, 1879, p. 94, t. 5, f. 4; iii, p. 514.

Hab. S. Russia, Sarepta.

egregius, Berg, *Hem. Arg.*, *Add. Emend.*, 1884, p. 95.

Hab. Buenos Ayres.

femorialis, Fieber, *Eur. Hem.*, 1861, p. 295: Walk., *Cat. Het.*, vi, p. 147: Reut., *Hem. Gymn. Eur.*, i, 1879, p. 95, t. 5, f. 6; iii, p. 516.

Hab. Bohemia.

forticornis (*Capsus*), Mulsant & Rey, *Ann. Soc. Linn. Lyon*, 1852, p. 148: Reut., *Hem. Gymn. Eur.*, i, 1879, p. 97, t. 1, f. 17 *k*; iii, p. 516.

Hab. France.

magnicornis (*Capsus*), Fallen, *Hem. Suec.*, 1828, p. 119; Zett., *Ins. Lapp.*, p. 278: F. Sahlb., *Geoc. Fenn.*, p. 122: Flor, *Rhyn. Liv.*, i, p. 575: Fieb., *Eur. Hem.*, p. 296: Walk., *Cat. Het.*, vi, p. 147: Reut., *Hem. Gymn. Scan. & Fenn.*, p. 173; *id.*, *Hem. Gymn. Eur.*, i, 1879, p. 100, t. 6, f. 2; *id.*, ii, p. 302; iii, p. 459, 516.

ericornis (Klug), *Burm. Handb. Ent.*, ii (i), 1835, p. 257.

? *planicornis*, Kolenati, *Mel. Ent.*, ii, 1845, p. 126.

Hab. Nearly all Europe, England, Russia [*Atk.*, Pyrenees].

mali (*Capsus*), Meyer, *Rhyn. Schw.*, 1843, p. 63, t. 2, f. 5: Kirschb., *Rhyn. Wiesb.*, p. 279, 345: Fieber, *Eur. Hem.*, p. 296: Walk., *Cat. Het.*, vi, p. 147: Saund., *Syn.*, p. 300: Reuter, *Hem. Gymn. Eur.*, i, p. 98, t. 1, f. 17 *b*, *m*; t. 5, f. 9; iii, p. 458, 515, 516.

magnicornis, Douglas & Scott, *Brit. Hem.*, 1865, p. 435, t. 14, f. 4: Walk., *Cat. Het.*, vi, p. 147, pt.

pyri, Meyer, *Stettin. Ent. Zeit.*, ii, 1841, p. 87.

Hab. Scandinavia, Britain, Middle & S. Europe.

morio, J. Sahlberg, *Medd. Soc. pro. Faun. Fl. Fenn.*, ix, 1883, p. 94, 154: Reuter, *Hem. Gymn. Eur.*, iii, p. 458, 515; *Ofvers. Finaka Soc. Förh.*, xxvi, 1884, p. 26. ♀.

Hab. E. Finland.

nigritarsis, Jakowleff, *Bull. Mosc.*, lvi (4), 1882, p. 370: Reut., *Hem. Gymn. Eur.*, iii, p. 459, 516.

Hab. Russia, Orenburg.

- oculatus** (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 250 sp. 123, p. 318: Fieb., Eur. Hem., p. 296: Walk., Cat. Het., vi, p. 147: Reuter, Hem. Gymn. Eur., i, 1879, p. 99, t. 6, f. 1; iii, p. 516.
albipes, Fieber, Crit. Phyt., 1859, sp. 18.
 Hab. Germany, Switzerland, France [*Atk.*, Valenciennes].
- parvulus**, Reuter, Hem. Gymn. Eur., i, 1879, p. 95; iii, p. 458 ♂, 515, 516.
 Hab. France.
- Putonii**, Reuter, Hem. Gymn. Eur., i, 1879, p. 175; iii, p. 459, 515; Berlin. Ent. Zeits., xxv, 1881, p. 183.
 Hab. S. France.
- Rhodani** (Meyer), Fieber, Eur. Hem., 1861, p. 296: Walk., Cat. Het., vi, p. 147: Reuter, Hem. Gymn. Eur., i, p. 98, t. 1, f. 17 a; t. 5, f. 8; iii, p. 515.
 Hab. Switzerland, France.
- rufus**, Fieber, Crit. Phyt., 1859, sp. 17; *id.*, Eur. Hem., p. 296: Walk., Cat. Het., vi, p. 147: Reuter, Hem. Gymn. Eur., i, p. 96, t. 5, f. 7; iii, p. 515.
 Hab. Bohemia, France.
- spissicornis** (*Cimez*), Schrank, Fauna Boica, 1801, p. 88: Reuter, Rev. Syn. Het., p. 306.
 Hab. Germany.
- tigripes** (*Capsus*), Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852, p. 148: Fieber (*Atractotomus*), Eur. Hem., p. 295: Walk., Cat. Het., vi, p. 147: Reuter, Hem. Gymn. Eur., i, p. 94, t. 1, f. 17, g, h; t. 5, f. 5; *id.*, ii, p. 302; *id.*, iii, p. 457, 515.
magnicornis, Hahn, Wanz. Ins., i, p. 130, t. 20, f. 67 (*nee* Fallen)? : Meyer, Rhyn. Schw., p. 29, t. 2, f. 4: Kirschb., Rhyn. Wiesb., p. 251 sp. 126, p. 278?.
 Hab. France, Spain, Switzerland, Germany, Austria, Greece, S. Russia.
- validicornis**, Reuter, Pet. Nouv. Ent., ii, No. 144, 1876, p. 21; *id.*, Hem. Gymn. Eur., i, p. 96, t. 1, f. 17 i; iii, p. 516.
 Hab. France.
- vinaceus**, F. B. White, Proc. Zool. S. Lond., 1878, p. 467.
 Hab. St. Helena.

Genus **EXCENTRICUS.**

- Reuter, Hem. Gymn. Eur., i, 1879, p. 89, t. 1, f. 16; iii, p. 504.
Atractotomus, pt, Fieber, Eur. Hem., 1861, p. 71, 294.
- oophorus**, Horvath, Rev. d' Ent., vii, 1888, p. 184, t. 1, f. 10.
 Hab. Asia Minor, Broussa.
- punctipes** (*Atractotomus*), Fieber, Wien. Ent. Monats., viii, 1864, p. 224: Walk., Cat. Het., vi, p. 147: Reuter, Hem. Gymn. Eur., i, p. 91, 175, t. 1, f. 16 a-c; t. 5, f. 2; *id.*, iii, p. 457, 514.
 var. *pictipes*, Reuter, *l. c. supra*, i, p. 91.
 Hab. S. Russia, Tauria, Sarepta, Asia Minor.
- singularis**, Horvath, Rev. d' Ent., vii, 1888, p. 148, t. 1, f. 8.
 Hab. Tauria.

Genus **RHINACLOA.**

Reuter, *Caps. Amer.*, 1875, p. 88.

nitri, *Ashmead*, *Ent. Amer.*, iii, 1887, p. 155.

Hab. N. America, Florida.

forticornis, *Reuter*, *Caps. Amer.*, 1875, p. 89; *Uhler*, *List*, p. 20.

Hab. Texas.

Genus **STRONGYLOTES.**

Reuter, *Caps. Amer.*, 1875, p. 88.

salicens, *Reuter*, *l. c.*, p. 88; *Uhler*, *List*, p. 20.

Hab. Texas.

Genus **CRIOCORIS.**

Fieber, *Crit. Gen. Phyt.*, 1859, 71; *id.*, *Eur. Hem.*, p. 78, 801; *Reuter* (*Plagiognathus*, subg. *Criocoris*) *Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 55; *Rev. Caps.*, p. 193; *Hem. Gymn. Eur.*, i, p. 84, t. 1, f. 15; iii, p. 503.

Colpochilus, *Reuter*, *Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 60.

apicalis (*Atractotomus*), *Reuter*, *Bih. l. c.*, *supra*, p. 46; *Verh. Zool. Bot. Ges. Wien*, 1876, p. 87, ♂; *Hem. Gymn. Eur.*, i, p. 87, t. 1, f. 15 b; iii, p. 513.

Hab. Austria.

ater, *Jakowleff*, *Trudi Rusk. Ent.*, xiii, 1882, p. 174, ♀; *Reuter*, *Hem. Gymn. Eur.*, iii, p. 457, 514.

Hab. S. Russ., Sarepta.

crassicornis (*Phytocoris*), *Hahn*, *Wanz. Ins.*, ii, 1834, p. 90, t. 57, f. 176, ♂; *Herr. Schöff.*, *l. c.*, iii, p. 85, t. 101, f. 308, ♀; *Kirschb.*, *Rhyn. Wiesb.*, p. 251, sp. 124, p. 345 ♀; *Meyer*, *Rhyn. Schw.*, p. 66; *Flor*, *Rhyn. Liv.*, i, p. 579; *Fieber*, *Eur. Hem.*, p. 302; *Walk.*, *Cat. Het.*, vi, p. 149; *Reuter*, *Hem. Gymn. Eur.*, i, p. 88; iii, p. 513, 514.

tenuicornis (*Colpochilus*), *Reuter*, *Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 60.

terminalis, *Herr. Schöff.*, *Nomencl. Ent.*, i, 1835, p. 87.

Hab. France, Germany, Italy, S. Russia, Livonia.

fuscipennis, *Jakowleff*, *Trudi Rusk. Ent.*, xiii, 1882, p. 178; *Reuter*, *Hem. Gymn. Eur.*, iii, p. 456, 514.

Hab. S. Russia, Sarepta.

longicornis, *Reuter*, *Hem. Gymn. Eur.*, iii, 1883, p. 455, 513.

Hab. Hungary.

nigripes, *Fieber*, *Eur. Hem.*, 1861, p. 394; *Walk.*, *Cat. Het.*, vi, p. 147, 149; *Reuter*, *Hem. Gymn. Eur.*, i, p. 85, t. 4, f. 9; iii, pp. 455, 513.

? = *tarsalis*, *Reuter*, ♂, q. v.

Hab. Hungary, Galicia, Alsace.

quadrimaculatus (*Capsus*), *Fallen*, *Hem. Suec.*, 1828, p. 119; *F. Sahlb.*, *Geoc. Fenn.*, p. 122; *Flor*, *Rhyn.*, *Liv.*, i, p. 580; *Reuter*, *Rev. Caps.*, p. 193; *id.*, *Hem. Gymn. Eur.*, i, p. 87; ii, p. 301; iii, p. 456, 513, 514.

Hab. N. France, Scandinavia, Siberia, S. Russia, Livonia, Karelia.

- sulcicornis* (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 251, sp. 125, p. 320, 345 :
 ? Fieb. Eur. Hem., p. 295 : Walk., Cat. Het., vi, p. 146 : Reuter Hem. Gymn.
 Eur., ii, p. 301, 302, iii, p. 514.
moestus, Reut., Pet. Nouv. Ent., ii, No. 144, 1876, p. 22 ; *id.*, Hem. Gymn.
 Eur., i, p. 89 ♀ ; ii, p. 301.
sulcicornis (*Acrototomus*), Reuter, l. c., p. 98, t. 1, f. 17c, f ; t. 5, f. 3 *deletur* :
 vide, *ib.*, p. 302.
 Hab. France, Hungary.
- tarsalis*, Reuter, Hem. Gymn. Eur., i, 1879, p. 85, 175 ; iii, pp. 455, 518, 514.
 ? = *nigripes*, Fieber, ♀, q. v : Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 183.
 Hab. Vienna, Styria.
- tibialis*, Fieber, Wien Ent. Monats., viii, 1864, p. 227 : Walk., Cat. Het., vi, p. 149
 Reuter, Hem. Gymn. Eur., i, p. 86, t. 5, f. 1 ; iii, p. 514.
 Hab. S. France.

Genus **PLAGIOGNATHUS.**

- Fieber, Crit. Gen. Phyt., 1859, g. 72 ; Eur. Hem., p. 73, 302 : Reuter, Bih. Vet.-Aka.
 Handl., iii (i), p. 54 ; Hem. Gymn. Scan. & Fenn., p. 192, pt ; Hem. Gymn. Eur.,
 i, p. 71, 175, t. 1, f. 14 ; iii, p. 503.
- albipennis* (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 107 : Hahn, Wanz. Ins., ii
 p. 91, t. 57, f. 177 : Meyer, Rhyn. Schw., p. 79 : Kirschb., Rhyn. Wiesb., p. 252,
 sp. 127 : Flor, Rhyn. Liv., i, p. 598 : Fieber (*Agalliastes*), Eur., Hem., p. 311 :
 Walk., Cat. Het., vi, p. 154 : Ferrari, Ann. Mus. Civ. Gen., vi, 1874, p. 187, ♀ :
 Saund., Syn., p. 306 ? : Reuter, Rev. Caps., p. 198 : *id.*, Hem. Gymn. Eur., i, p. 80,
 175, t. 4, f. 8, var ; iii, p. 454, 512.
artemisiacae, Becker, Bull. Mosc., xxxvii (i), 1864, p. 487 : Reut., Hem. Gymn.
 Eur., i, p. 178 ; iii, p. 466.
lanuginosus, Jak., Bull. Moso., xlix (2), 1876, p. 28.
pallidulus, Dahlb., Svenska Vet.-Aka. Handl., 1850, p. 211.
tibialis, Fieber, Wien Ent. Monats., viii, 1864, p. 228 : Walk., Cat. Het., vi,
 p. 156.
 Hab. Nearly all Europe, Siberia, S. Russia, Caucasus [*Atk.*, Calais, Hungary].
- alpinus*, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 56 ; *id.*, Verh. Zool. Bot. Ges.
 Wien, 1876, p. 88 ; Hem. Gymn. Eur., i, p. 72 : ii, p. 300 ; iii, p. 450, 511.
viridulus, Gredler, Rhynch. Tirol., p. 98.
 Hab. France, Alsace, Austria, Greece, Turkistan.
- amurensis*, Reuter, Hem. Gymn. Eur., iii, 1883, p. 454, 513 : Ferr., Ann. Mus. Civ.,
 Gen., (2 s.) i, 1884, p. 454.
 Hab. America.
- ? *annulicornis*, Reuter, Hem. Gymn. Eur., ii, 1880, p. 298 ; iii, p. 511 ; Fedtsch.
 Turk., p. 34.
 Hab. Turkistan, Kizilkum.
- arbustorum* (*Lygaeus*), Fabr., Ent. Syst., iv, 1794, p. 175 ; *id.*, Syst. Rhyng., p. 283 :
 Latreille, Hist. Nat., xii, p. 225 : Fallen, Mon. Cim., p. 90 ; *id.*, Hem. Suec.,
 p. 104 : Zett., Fauna Lapp., p. 498 ; *id.*, Ina. Lapp., p. 275 : Herr. Schäff., No-

- mencl. Ent., i, p. 58; Wanz. Ins., iii, p. 80, t. 20, f. 200; Meyer, Rhyn. Schw., p. 64; Kolenati, Mel. Ent., ii, p. 86; F. Sahlb., Geoc. Fenn., p. 115; Kirschb., Rhyn. Wiesb., p. 259 sp. 145; Fieber (*Plagiognathus*), Crit., 1859, 32; *id.*, Eur. Hem., p. 302; Flor, Rhyn. Liv., i, p. 602; Dougl. & Scott, Brit. Hem., p. 402, t. 13, f. 5; Thomson, Opusc. Ent., p. 448; Walk., Cat. Het., vi, p. 149; Saund., Syn., p. 307; Reuter, Caps. Syn., p. 19; *id.*, Rev. Caps., p. 197; Hem. Gyms. Eur., i, p. 78; iii, p. 452, 512; Rev. Syn. Het., p. 305, 396.
- ♀ *betuleti*, Hahn, Wanz. Ins., ii, 1834, p. 138, t. 72, f. 222.
- ♀ *chloromelas*, Gmelin, Syst. Nat., iv, 1788, p. 2185.
- fulvipennis*, Reuter, Hem. Gyms. Scan. & Fenn., p. 197 (*nec* Kirschb.).
- ♀ *pes variegatus*, Goeze, Ent. Beytr., ii, 1778, p. 268.
- ♀ *plessaeus*, Geoffroy in Fourcroy, Ent. Paris., 1785, p. 211.
- var. *brunnipennis*, Meyer, Rhyn. Schw., 1848, p. 66, t. 3, f. 8; Costa, Cim. Regn. Neap. Cent. iii, p. 42; Kirschb. Rhyn. Wiesb., p. 259, sp. 144.
- „ *hortensis*, Meyer, l. c. *supra.*, p. 65, t. 3, f. 2; Costa, l. c. *supra.*, p. 42; Kirschb., Rhyn. Wiesb., p. 260, sp. 146.
- „ *lugubris*, Hahn, Wanz. Ins., ii, 1834, p. 138, t. 72, f. 225.
- Hab. All Europe [Atk., Lille].
- bipunctatus* (Jakowleff), Reuter, Hem. Gymn. Eur., iii, 1883, p. 451, 511.
- Hab. Austria, Hungary, Caucasus.
- ♀ *breviceps*, Reuter, Hem. Gymn. Eur., i, 1879, p. 82; iii, p. 513; Fedtsch. Turk., p. 24.
- Hab. Turkistán, Alai.
- chrysanthemii* (*Lygaeus*), Wolff, Ic. Cim., iv, 1804, p. 157, t. 15, f. 151; Reuter, Hem. Gymn. Eur., iii, p. 452, 511; *id.*, Rev. Syn. Het., p. 303.
- ♀ *femoralis*, Geoffroy in Fourcroy, Ent. Paris., 1785, p. 204.
- ♀ *femorepunctatus*, Goeze, Ent. Beytr., ii, 1778, p. 266.
- ♀ *viridescens*, Gmelin, Syst. Nat., iv, 1788, p. 2184.
- viridulus* (*Lygaeus*), Fallen, Mon. Cim., p. 90; *id.*, Hem. Suec., p. 105; Herr. Schöff., Nomencl. Ent., i, p. 50; Meyer, Rhyn. Schw., p. 77; Kolenati, Mel. Ent., ii, p. 124; F. Sahlb., Geoc. Fenn., p. 108; Costa, Cim. Regn. Neap. Cent., iii, p. 43; Kirschb., Rhyn. Wiesb., p. 258 sp. 142; Fieber (*Plagiognathus*), Crit., 32; *id.*, Eur. Hem., p. 303; Flor, Rhyn. Liv., i, p. 595; Dougl. & Scott, Brit. Hem., p. 401; Thomson, Opusc. Ent., p. 448; Walk., Cat. Het., vi, p. 150; Saund., Syn., p. 307; Reuter, Rev. Caps., p. 196; *id.*, Hem. Gymn. Eur., i, p. 74, 175, t. 4, f. 5, 6.
- Hab. All Europe [Atk., Lille].
- connotator*, Horvath, Rev. d' Ent., vi, 1887, p. 73.
- Hab. Illyria.
- flavipes*, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 57; *id.*, Hem. Gymn. Eur., i, p. 79; ii, p. 300; iii, p. 454, 512.
- Hab. Corsica, Sardinia, Greece.
- fulvipennis* (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 259, sp. 144, p. 386; Fieb., Eur. Hem., p. 308; Walk., Cat. Het., vi, p. 150; Reuter, Hem. Gymn. Eur., i, p. 76, t. 4, f. 7; ii, p. 300; iii, p. 452, 512.
- Hab. France, Spain, Italy, Switzerland, Germany, Hungary, Greece, Caucasus.

- fusciloris*, Reuter, Hem. Gymn. Eur., i, 1879, p. 73; ii, p. 300; iii, p. 450, 512.
Hab. France, Spain, Hungary.
- grandis*, Reuter, Caps. Amer., 1875, p. 91: Uhler, List, p. 21.
Hab. Texas.
- obscuriceps*, Stål, Stettin. Ent. Zeit., xix, 1858, p. 190, ♀: Walk., Cat. Het., vi, p. 159: Reut., Hem. Gymn. Eur., i, p. 76; iii, p. 512.
Hab. Siberia, Irkutsk.
- obscurus*, Uhler, Hayden Surv. Mont., 1872, p. 418; Bull. Un. St. Surv., iii, 1877, p. 422; Proc. Bost. Soc. N. H., 1878, p. 409; *id.*, List, p. 21.
Hab. United States, Canada, British Columbia [Atk., Florida].
- olivaceus*, Reuter, Ofvers. Finska Vet. Soc. Förh., xxii, 1880, p. 23; *id.*, Anal. Soc. Esp. Hist. Nat., ix, p. 193; *id.*, Hem. Gymn. Eur., iii, p. 453, 512.
Hab. Spain.
- pictus* (*Macrocoleus*), Fieber, Wien. Ent. Monats., viii, 1864, p. 393: Walk., Cat. Het., vi, p. 143: Reut., Hem. Gymn. Eur., ii, p. 299; iii, p. 450, 511.
puncticeps, Reuter, Pet. Nouv. Ent., ii, No. 144, 1876, p. 22.
Hab. S. Europe, Hungary, S. Russia.
- plagiatus*, Reuter, Pet. Nouv. Ent., ii, No. 152, 1876, p. 54; *id.*, Hem. Gymn. Eur., i, p. 77; ii, p. 300; iii, p. 512.
Hab. N. Italy, Caucasus.
- Retowskii*, Reuter, C. R. Ent. Belg., 1885, p. xlviij.
Hab. Tauria.
- rubricans*, Provancher, Faune Can. Hem., 1887, p. 154.
Hab. Canada.
- rufinervis*, Jakowleff, Trudi Rusk. Ent., xi, 1880, p. 218: Reut., Hem. Gymn. Eur., iii, p. 452, 513.
Hab. S. Russia, Sarepta.
- spilotus*, Fieber, Crit. Phyt., 1859, sp. 23; *id.*, Eur. Hem., p. 304: Walk., Cat. Het., vi, p. 150: Reut., Hem. Gymn. Eur., i, p. 71, t. 4, f. 4; iii, p. 450, 511.
Hab. S. France, Corsica, Algeria.

Genus **AGRAMETRA.**

F. B. White, Proc. Zool. S. London, 1878, p. 467.

aethiops, White, l. c., p. 468, t. 31, f. 2.

Hab. St. Helena.

Genus **UTOPNIA.**

Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 185: Zool. Jahr., Arthr., 1881, p. 274; Hem. Gymn. Eur., iii, 1883, p. 449, 502.

torquata (*Macrotylus*), Puton, MT. Schw. Ent. Ges., vi, 1881, p. 126: Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 184; *id.*, Hem. Gymn. Eur., iii, p. 450, 511.

Hab. Syria, Broussa.

Genus **MALACOTES.**

Reuter, Hem. Gymn. Eur., i, 1879, p. 69, t. 1, f. 13 ; iii, p. 502.

Mulsantii, Reuter, Hem. Gymn. Eur., i, p. 70, 175, t. 1, f. 13 ; iii, p. 448, 510 :
Rev. d' Ent., i, 1882, p. 136, ♂.

Hab. S. France.

Genus **ATOMOSCELIS.**

Reuter, Hem. Gymn. Eur., i, 1879, p. 67, t. 1, f. 12 ; ii, p. 298 ; iii, p. 502.

Agalliastes, pt, Fieber, Eur. Hem., 1861, p. 310.

Atomoscelis, pt, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 57.

brevicornis, Reuter, Ofvers. Finska, Vet. Soc. Förh., xxi, 1879, p. 39 ; *id.*, Hem.
Gymn. Eur., ii, 1880, p. 298 ; iii, p. 510.

Hab. S. Russia, Astrakhan.

onustus (*Agalliastes*), Fieber, Eur. Hem., 1861, p. 312 : Walk., Cat. Het., vi, p. 155 :
Reut., Hem. Gymn. Eur., i, p. 68, 175, t. 4, f. 3 ; iii, p. 448, 510 ; Fedtsch. Turk.,
p. 35.

Hab. Spain, S. France, Austria, S. Russia, Greece, Caucasus, Tunis [*Atk.*,
Spain].

punctatus (*Agalliastes*), Fieber, Eur. Hem., 1861, p. 311 ; Walk., Cat. Het., vi,
p. 155 : Reut., Hem. Gymn. Eur., i, p. 171, t. 8, f. 8 ; Puton, Cat., 1886, p. 62.

Hab. Spain.

seriatus, Reuter, Caps. Amer. 1875, p. 91 : Uhler, List, p. 21.

Hab. Texas.

Genus **SPANAGONIUS.**

Berg, Hem. Arg. Add. Emend., 1884, p. 94.

provincialis, Berg, *l. c.*, p. 95.

Hab. Buenos Ayres.

Genus **OHLAMYDATUS.**

Curtis, Brit. Hem., xv, 1838, p. 693 : Reuter, Rev. d' Ent., v, 1886, p. 122.

Agalliastes, pt, Fieber, Crit. Gen., 1859, 76 ; Eur. Hem., p. 74, 310 : Reuter,
Bih. Vet.-Aka. Handl., iii (i), p. 59 ; Rev. Caps., p. 202 ; Hem. Gymn.
Eur., i, p. 60 ; iii, p. 501.

Astemma, pt, Am. & Serville, Ins. Hém., 1843, p. 284.

argentinus, Berg, Hem. Arg., Add. Emend., 1884, p. 93.

Hab. Buenos Ayres.

associatus, Uhler, Hayden, Mont. Surv., 1872, p. 419 ; *id.*, Bull. Un. St. Surv., ii,
1876, p. 319.

Hab. Utah.

evaneszens (*Pachystoma*), Bohem., Ofvers. Vet.-Aka. Förh., ix, 1852, p. 70 : Kirs-
chb., Rhyn. Wiesb., p. 263 sp. 154 : Fieber, Eur. Hem., p. 310 ; *id.*, Wien. Ent.

Monats., viii, 1864, p. 229: Walk., *Cat. Het.*, vi, p. 154: Reuter., *Rev. Caps.*, p. 206; *Hem. Gymn. Eur.*, i, p. 66, 175, t. 3, f. 9; ii, p. 298; iii, p. 510.

Hab. Nearly all Europe to S. Scandinavia [Atk., Dunkirk].

luctuosus, Provancher, *Faune Can. Hem.*, 1887, p. 137.

Hab. Canada.

pulicarius (*Phytocoris*), Fallen, *Mon. Cim.*, 1807, p. 95; *id.*, *Hem. Suec.*, p. 118:

Hahn (*Attus*), *Wans. Ins.*, i, p. 117, t. 18, f. 62: Burm., *Handb. Ent.*, ii (i), p. 227:

Meyer (*Capsus*), *Rhyn. Schw.*, p. 110: F. Sahlb., *Geoc. Fenn.*, p. 119: Kirschb.,

Rhyn. Wiesb., p. 261 sp. 149: Flor., *Rhyn. Liv.*, i, p. 609: Fieber (*Agalliastes*),

Eur. Hem., p. 312, 427; *id.*, *Wien. Ent. Monats.*, viii, 1864, p. 229: Dougl. &

Scott, *Brit. Hem.*, p. 427, t. 14, f. 1: Walk., *Cat. Het.*, vi, p. 155: Saund., *Syn.*,

p. 308: Reuter, *Rev. Caps.*, p. 202; *Hem. Gymn. Eur.*, i, p. 60, t. 3, f. 8; iii,

p. 510.

? *pallipes*, Jakowleff, *Horae Soc. Ent. Ross.*, iv, 1867, p. 158: Walk., *Cat.*

Het., vi, p. 156.

saliens, Wolff, *Io. Cim.*, 1811, p. 200, t. 20, f. 194.

Hab. All Europe.

pullus, Reuter, *Not. Skpts Faun. Fl. Fenn. Förh.*, xi, 1871, p. 224: *id.*, *Rev. Caps.*,

p. 202; *Hem. Gymn. Eur.*, i, p. 61; ii, p. 297; iii, p. 448, 510; Fedtsch. *Turk.*,

p. 37.

Hab. S. Scandinavia, Lapland, Carinthia, N. France, S. Russia, Turkistan,

Siberia [Atk., Dunkirk].

saltitans (*Phytocoris*), Fallen, *Hem. Suec.*, 1829, p. 114: Burm. (*Halticus*), *Handb.*

Ent., ii, p. 298: Am. & Serv. (*Astemma*), *Ins. Hém.*, p. 284: F. Sahlb., *Geoc. Fenn.*,

p. 119: Kirschb., *Rhyn. Wiesb.*, p. 263 sp. 153: Flor., *Rhyn. Liv.*, i, 608: Fieb.,

Eur. Hem., p. 311: Dougl. & Scott, *Brit. Hem.*, p. 428: Walk. *Cat. Het.*, vi,

p. 154: Saund., *Syn.*, p. 308: Reuter, *Rev. Caps.*, p. 204; *Hem. Gymn. Eur.*, i,

p. 64; iii, p. 510.

marginatus, Curtis, *Brit. Hem.*, xv, 1838, p. 698.

Hab. Nearly all Europe [Atk., France].

signatus, J. Sahlberg, *Not. Skpts pro Faun. Fl. Fenn. Förh.*, ix, 1867, p. 228: Reu-

ter, *Caps. Syn.*, p. 23; *id.*, *Rev. Caps.*, p. 203; *Hem. Gymn. Eur.*, i, p. 62; iii,

p. 510.

opacus (*Capsus*), Zett., *Ins. Lapp.*, 1840, p. 279, ♀: Thomson, *Opusc. Ent.*,

iv, 1871, p. 450.

Hab. Lapland.

suaavis, Reuter, *Caps. Amer.*, 1872, p. 92: Uhler, *Lést.*, p. 21.

Hab. Texas.

? *vittatus* (*Agalliastes*), Fieber, *Eur. Hem.*, 1861, p. 312; Walk., *Cat. Het.*, vi,

p. 155: Reut., *Hem. Gymn. Eur.*, i, p. 172, t. 8, f. 9.

Hab. Lower Austria.

Wilkinsonii (*Agalliastes*), Douglas & Scott, *Ent. Mon. Mag.*, ii, 1866, p. 273 (*form*

brach.): Walk., *Cat. Het.*, vi, p. 155: Saund., *Syn.*, p. 309: Reuter, *Ent. Mon.*

Mag., xiii, 1876, p. 87 (*form macr.*); *id.*, *Rev. Caps.*, p. 205; *Hem. Gymn. Eur.*,

i, p. 65, 175, t. 4, f. 1, 2; ii, p. 298; iii, p. 448, 510: J. Sahlb., *Vet.-Aka. Handl.*,

xvi (4), 1878, p. 30.

Hab. Britain, Lapland, France.

Genus **ORECTODERUS.**

Uhler, Bull. Un. St. Surv., iii, 1877, p. 426; *id.*, List, p. 20.

amoenus, Uhler, l. c., iii, 1877, p. 426: *id.*, List, p. 20.

Hab. Colorado, New Mexico, Texas, Illinois.

obliquus, Uhler, l. c. *supra*, ii, 1876, p. 320; List, p. 20.

Hab. New Mexico, Texas.

Genus **NEOCORIS.**

Douglas & Scott, Brit. Hem., 1865, p. 424: Reuter, (*Plagiognathus* subg. *Neocoris*), Rev. Caps., p. 200; *id.*, Hem. Gymn. Eur., i, p. 55, t. 1, f. 10; iii, p. 502.

Agalliastes, pt, Fieber, Eur. Hem., 1861, p. 74, 810.

Microsynamma, Fieber, Wien Ent. Monats., viii, 1864, p. 74, t. 1, f. 6.

Monosynamma, Scott, Ent. Ann., 1864, p. 160.

Plagiognathus, pt, Fieber, l. c., p. 302.

basalis, Reuter, Hem. Gymn. Eur., i, 1879, p. 59; iii, p. 509; Fedtsch. Turk., p. 36.

Hab. Turkistan.

Bohemani (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 106: Zett., Ins. Lapp., p. 276:

Flor, Rhyn. Liv., i, p. 626: Fieber (*Plagiognathus*), Eur. Hem., p. 303: Dougl. & Scott (*Neocoris*), Brit. Hem., p. 424, t. 13, f. 9: Walk., Cat. Het., vi, p. 150: Saund., Syn., p. 307: Reuter, Rev. Caps., p. 200: Hem. Gymn. Eur., i, p. 57; ii, p. 303;

iii, p. 509.

furcatus, Herr. Schöff., Wanz. Ins., iv, 1839, p. 79, t. 132, f. 408, 409 (♂ ♀): Meyer, Rhyn. Schw., p. 70: Kirschb., Rhyn. Wiesb., p. 255, sp. 134.

var. *rubronotatus*, Jak., Bull. Mosc., li, 1876, p. 119; Reuter, Hem. Gymn. Eur., i, p. 154; ii, p. 308.

„ *ruficollis*, Fallen, Hem. Suec., 1829, p. 107, ♀.

Hab. Nearly all Europe, S. Russia, Siberia [*Atk.*, Lille].

nigritulus (*Phytocoris*), Zetterstedt, Ins. Lapp., 1840, p. 276, 31: Flor, Rhyn. Liv.,

i, p. 599: Fieber (*Agalliastes*), Wien Ent. Monats., viii, 1864, p. 230: Walk., Cat. Het., vi, p. 156: Reuter, Rev. Caps., p. 201; *id.*, Hem. Gymn. Eur., i, p. 56, t. 3, f. 7; iii, p. 509: Saund., Syn., p. 308.

pulicarius, var. 1, F. Sahlberg, Geoc. Fenn., 1848, p. 119.

var. *Putonii*, Reuter, Bih. Vet.-Aka. Handl., 1875, p. 59 (*nec* Fieb.).

„ *Scottii* (*Microsynamma*), Fieber, Wien Ent. Monats., viii, 1864, p. 75, t. 1, f. 6: (*Monosynamma*) Scott, Ent. Ann., 1864, p. 160, f. 5: Dougl. & Scott, (*Neocoris*), Brit. Hem., p. 425: Walk., Cat. Het., vi, p. 133.

Hab. Scandinavia, Livonia, France, Britain [*Atk.*, Dunkirk].

Genus **CAMPYLOMMA.**

Reuter, Hem. Gymn. Eur., i, 1879, p. 52, t. 1, f. 9; iii, p. 501.

Agalliastes, pt, Fieber, Eur. Hem., 1861, p. 74, 310.

Atomoscelis, pt, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 57.

- annulicornis* (*Litocoris* ?), Signoret, Ann. Soc. Ent. Fr., (4 s.) v, 1865, p. 126:
Reuter, Berlin. Ent. Zeits., xxv, p. 184; Hem. Gymn. Eur., iii, p. 447, 509.
lucida, Jakowleff, Trudi Russki Ent., ix (3), 1876, p. 228, ♀; Reuter, Hem.
Gymn. Eur., i, p. 54; ii, p. 296.
viridula, Jakowleff, Bull. Mosc., iv (i), 1880, p. 143.
Hab. France, S. Russia, Caucasus, Turkistan.
- diversicornis*, Reuter, Hem. Gymn. Eur., i, 1879, p. 55; iii, p. 509, Fedtsch. Turk.,
p. 87.
Hab. Turkistan.
- livida*, Reuter, Ent. Tijds, v, 1884, p. 199.
Hab. Bengal.
- Nicolasii*, Puton & Reut., Rev. d' Ent., ii, 1883, p. 251; Reut., Hem. Gymn. Eur.,
iii, p. 446, 509.
Hab. S. France.
- nigronasuta*, Reuter, Hem. Gymn. Eur., i, p. 53; iii, p. 509; Fedtsch. Turk., p. 36.
Hab. Turkistan.
- Oertzenii*, Reuter, Rev. d' Ent., viii, 1888, p. 223.
Hab. Greece, Attica.
- simillima*, Jakowleff, Trudi Russk. Ent., xiii (2), 1882, p. 129; Reut., Hem. Gymn.
Eur., iii, p. 447, 509.
Hab. Caucasus, Petrovsk.
- verbasci* (*Capsus*), Meyer, Rhyn. Schw., 1843, p. 70, t. 4, f. 1: Kirschb., Rhyn.
Wiesb., p. 258, sp. 141: Fieber (*Agalliastes*), Eur. Hem., p. 311: Walk., Cat. Het.,
vi, p. 155: Uhler, List, p. 21: Reuter, Hem. Gymn. Eur., i, p. 53, 175, t. 3, f. 6;
ii, p. 296; iii, p. 477, 509; Fedtsch. Turk., p. 37.
pellucidus, Garbigl., Bull. Soc. Ent. Ital., 1869, p. 190.
? *punctipes*, Herr. Schäff., Nomencl. Ent., i, 1835, p. 50.
Hab. S. & Middle Europe: Turkistan: E. United States [Atk., Hungary].
- sisyphi*, Puton & Reut., Expl. Scient. Tunisie, 1886, p. 20.
Hab. Tunis.

Genus **STHENARUS.**

- Fieber, Crit. Gen. Phyt., 1859, 75; *id.*, Eur. Hem., p. 74, 309: Reuter (*Plagiognathus*
subg. Sthenarus), Rev. Caps., p. 194; Hem. Gymn. Eur., i, p. 42, t. 1, f. 8;
iii, p. 502.
Agalliastes, pt, Fieber, Eur. Hem., 1861, p. 74, 310.
Criocoris, pt, Reuter, Rev. Caps., p. 194.
Phoenicocoris, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 55; Rev. Caps.,
p. 195.
- carbonarius*, Horvath, Rev. d' Ent., vii, 1888, p. 185.
Hab. Roumania.
- dissimilis*, Reuter, Hem. Gymn. Eur., i, 1879, p. 174; iii, p. 445, 508.
Hab. France, Hungary.

maculipes, Reuter, *l. c.*, i, p. 46; iii, p. 446, 508.

Hab. France, Austria, Vienna, Greece.

modestus (*Capsus*), Meyer, Rhyn. Schw., 1843, p. 40, t. 3, f. 5: Walk., *Cat. Het.* vi, p. 154: Fieber, *Eur. Hem.*, p. 312: Reuter (*Phoenicocoris*), *Hem. Gymn. Scan. & Fenn.*, p. 195, pt.; *id.*, *Hem. Gymn. Eur.*, i, p. 43; iii, p. 445, 508.

atropurpureus, Kirschb., Rhyn. Wiesb., 1855, p. 262 sp. 150, p. 338.

gracilicornis, Scholtz, *Arb. u. Verand. d. Schles. Ges.*, 1846, p. 106.

Hab. Scandinavia, Russia, Herzegovina, Germany, Switzerland, France.

nigripilis, Reuter, *Rev. d' Ent.*, viii, 1888, p. 228, ♀.

Hab. Greece.

ochraceus (*Agalliastes*), Scott, *Ent. Mon. Mag.*, viii, 1872, p. 243 ♀: Reuter, *Hem. Gymn. Eur.*, i, p. 49, t. 2, f. 9; iii, p. 446, 508.

fulvus, Reuter, *Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 54, ♂.

Hab. S. France, Corsica, Spain.

ocularis, Mulsant & Rey, *Ann. Soc. Linn. Lyon.*, 1852, p. 144: Reut., *Hem. Gymn. Eur.*, i, p. 45; iii, p. 446, 508.

major, Reuter, *Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 55.

Hab. W. & S. France, Spain.

pubescens (*Phoenicocoris*), Reuter, *Caps. Amer.*, 1875, p. 90: Uhler, *List*, p. 21.

Hab. Texas.

pusillus, Reuter, *Hem. Gymn. Eur.*, i, 1879, p. 44; iii, p. 508.

Hab. Naples.

Roseri (*Capsus*), Herr. Schöff., *Wanz. Ins.*, iv, 1839, p. 78, t. 132, f. 407, ♀: Meyer, Rhyn. Schw., p. 105: Kirschb., Rhyn. Wiesb., p. 247 sp. 115 (♂, ♀): Flor, Rhyn. Liv., i, p. 560: Thomson, *Opusc. Ent.*, iv, p. 449: Fieber (*Sthenarus*), *Eur. Hem.*, p. 309: Walk., *Cat. Het.*, vi, p. 154: Saund., *Syn.*, p. 307: Reuter, *Rev. Caps.* p. 194; *id.*, *Hem. Gymn. Eur.*, i, p. 47; iii, p. 446, 508.

geniculatus, Stål, *Ofvers, Vet.-Aka, Förh.*, xv, 1858, p. 355 ♂.

var. *saliceticola*, Stål, *l. c.*, p. 355, ♀.

„ *vittatus*, Fieber, *Eur. Hem.* 1861, p. 310: Walk., *Cat. Het.*, vi, p. 154.

Hab. Scandinavia, Germany, Austria, Tyrol, Switzerland, France, Greece, S. Russia [*Atk.*, Lille].

Rotermundii (*Capsus*), Scholtz, *Arb. u. Veränd. d. Schles. Ges.*, 1846, p. 131, sp. 42: Flor, Rhyn. Liv., i, p. 594: Fieber (*Sthenarus*), *Eur. Hem.*, p. 310: Dougl. & Scott, *Brit. Hem.*, p. 422: Walk., *Cat. Het.*, vi, p. 154: Saund., *Syn.*, p. 303: Reuter, *Hem. Gymn. Eur.*, i, p. 50, t. 3, f. 1; iii, p. 446, 508.

Hab. Russia, Corfu, Germany, Hungary, Switzerland, Tyrol, Italy, Spain, France, Belgium, Britain.

syriacus, Reuter, *Hem. Gymn. Eur.*, iii, 1883, p. 445: Ferrari, *Ann. Mus. Civ. Gen.* (2 s.), i, p. 445, 508.

Hab. Syria.

visci, Puton, *Rev. d' Ent.*, vii, 1888, p. 366.

Hab. France.

Genus **AUCHENOCREPIS.**

Fieber, Crit., 1859, 78; Eur. Hem., p. 74, 313; Reuter, Hem. Gymn. Eur., i, p. 39, t. 1, f. 7; iii, p. 499.

alboscuteolata, Puton, Pet. Nouv. Ent., i, No. 110, 1874, p. 440; *id.*, Ann. Soc. Ent. Fr., (5 s.) vi, 1876, p. 37; Reuter, Hem. Gymn. Eur., i, p. 42; iii, p. 507.

Hab. Egypt, Algeria.

minutissima (*Phytocoris*), Rambur, Faun. Andal., 1843; Reuter, Hem. Gymn. Eur., i, p. 40, t. 2, f. 8; iii, p. 507.

dorsalis, Fieber, Crit., 1859, sp. 32.

Forelii, Muls. & Rey, Ann. Soc. Linn. Lyon, vii, 1856, p. 130; Costa, Cim. Regn. Neap. Cent. Add., 1860, p. 25, t. 3, f. 3; Fieber, Eur. Hem., p. 313; Walk., Cat. Het., vi, p. 140.

Schüdtet, Stål, Ofvers. Vet.-Aka. Förh., xi, 1854, p. 236.

Hab. S. France, Spain, Italy.

Reuteri, Jakowleff, Bull. Mosc., (8), 1876, p. 120; Reuter, Hem. Gymn. Eur., i, p. 41, 174; ii, p. 296; iii, p. 445, 507; *id.*, Fedtsch. Turk., p. 37.

Hab. Greece, S. Russia, Caucasus, Turkistan, Asia Minor, Persia.

Genus **TRAGISCOCORIS.**

Fieber, Eur. Hem., 1861, p. 300; Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 55; *id.*, Hem. Gymn. Eur., i, p. 37, t. 1, f. 6; iii, p. 500.

Tragiscus, Fieber, Crit., 1859, g. 69; Eur. Hem., p. 73.

Fieberii (*Tragiscus*), Meyer, Fieber, Crit., 1859, sp. 21; (*Tragiscocoris*), *id.*, Eur. Hem., p. 301; Walk., Cat. Het., vi, p. 143; Reuter, Hem. Gymn. Eur., i, p. 38, t. 3, f. 4, 5; iii, p. 445, 507; Ferrari, Ann. Mus. Civ. Gen., (2 s.) i, 1884, p. 483.

Hab. Corsica, Algeria, Tunisia.

Genus **PAREDROCORIS.**

Reuter, Hem. Gymn. Eur., i, 1879, p. 36, t. 1, f. 5; iii, p. 500.

pectoralis, Reuter, l. c., i, p. 37; iii, p. 445, 507; Horvath, Rev. d' Ent., vii, 1881, p. 186, ♀.

Hab. Hungary; S. Russia, Sarepta.

Genus **DAMIOSCEA.**

Reuter, Hem. Gymn. Eur., iii, 1883, p. 443, 500.

Komaroffi (*Oncotylus*), Jakowleff, Reuter, Hem. Gymn. Eur., iii, p. 444, 507.

Hab. Georgia, Derbent.

Genus **ASCIODEMA.**

Reuter, Hem. Gymn. Eur., i, 1879, p. 33, t. 1, f. 4; iii, p. 500.

Fsallus, pt, Fieber, Eur. Hem., 1861, p. 305.

Tinicephalus, pt, Fieber, l. c., p. 299.

obsoletum (*Tvnicephalus*), Douglas & Scott, Brit. Hem., 1865, p. 391: Walk., Cat. Het., vi, p. 148: Saund., Syn., p. 295: Fieb., Wien. Ent. Monats., viii, 1864, p. 226: Reuter, Ofvers. Vet.-Aka. Förh., 1874, p. 48; Hem. Gymn. Eur., i, p. 34, 176, t. 3, f. 2; iii, p. 507.

Reiberii, Reuter, Pet. Novv. Ent., No. 135, 1875, p. 540.

Saundersii, Reuter, Rev. Caps., 1875, p. 153; Ent. Mon. Mag., xiv, 1877, p. 129: Saund., Syn., p. 293.

Hab. Britain, France, Spain [*Atk.*, Valenciennes].

Fieberii (*Psallus*), Douglas & Scott, Brit. Hem., 1865, p. 420: Fieber, Wien. Ent. Monats., viii, 1864, p. 227: Walk., Cat. Het., vi, p. 153: Saund., Syn., p. 303: Reuter, Hem. Gymn. Eur., i, p. 35, t. 3, f. 3; iii, p. 507.

Genus **MEGALODACTYLUS.**

Fieber, Crit., 1859, 64; Eur. Hem., p. 72, 297: Reuter, Hem. Gymn. Eur., i, p. 32, t. 1, f. 3; iii, p. 499.

macula-rubra (*Capsus*), Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852, p. 138: Fieber, Eur. Hem., p. 297: Walk., Cat. Het., vi, p. 138: Reuter, Hem. Gymn. Eur., i, p. 33, t. 2, f. 7; iii, p. 507.

Hab. S. Europe.

† mixticolor (*Capsus*), Costa, Cent. Cim. Neap., Add., 1860, p. 26, t. 3, f. 6: Reut., Hem. Gymn. Eur., i, p. 172.

Hab. S. Italy.

Genus **MAURODACTYLUS.**

Reuter, Hem. Gymn. Eur., i, 1879, p. 27, t. 1, f. 2; iii, p. 500.

Agalliastes, pt, Fieber, Eur. Hem., 1861, p. 310.

alutaceus (*Agalliastes*), Fieber, Verh.-Zool. Bot. Ges. Wien, xx, 1870, p. 262: Walk., Cat. Het., vi, p. 156: Reut., Hem. Gymn. Eur., i, p. 30, t. 2, f. 5; iii, p. 506.

Hab. Spain.

instabilis, Reuter, Hem. Gymn. Eur., i, 1879, p. 28; iii, p. 506: Fedtsch. Turk., p. 37.

Hab. Turkistan.

negricornis, Reuter, Hem. Gymn. Eur., i, 1879, p. 29, t. 2, f. 4; iii, p. 443, 506; Fedtsch. Turk., p. 38.

bicolor (Fieb.), Reuter, l. c., i, p. 31, t. 2, f. 6, ♂; Fedtsch. Turk., p. 38.

Hab. Spain, S. Russia, Caucasus, Turkistan.

Genus **TUPONIA.**

Reuter, (*Megalodactylus*, subg., *Tuponia*), Bih. Vet.-Aka. Handl., iii (i), 1875, p. 53: (*Tuponia*), Hem. Gymn. Eur., i, 1879, p. 16, t. 1, f. 1; iii, p. 499.

Agalliastes, pt, Fieber, Eur. Hem., 1861, p. 310.

Oncotylus, pt, Fieber, l. c., p. 298.

Psallus, pt, Fieber, l. c., p. 305.

- arcufera*, Reuter, Ofvers. Finska Vet. Soc. Förh., xxi, 1879, p. 38 : *id.*, Hem. Gymn. Eur., ii, p. 295 ; iii, p. 505.
Hab. S. Russia, Astrakhan.
- brevirostris*, Reuter, Hem. Gymn. Eur., iii, 1883, p. 440, 505.
Hab. France.
- concinna* (*Atomoscelis*), Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 57 ; *id.*, Hem. Gymn. Eur., i, p. 24, ii, p. 296 ; iii, p. 442, 506 : Leth. & Put., Ann. Soc. Ent. Fr. (5 s.), vi, 1876, p. 37.
Hab. Algeria, S. Russia.
- hippophaes* (*Oncotylus*), Fieber, Eur. Hem., 1861, p. 299 : Walk., Cat. Het., vi, p. 139 : Reuter, Hem. Gymn. Eur., i, p. 21, t. 2, f. 1 ; iii, p. 440, 506.
Hab. Spain, France, Italy, Switzerland [*Atk.*, Switzerland].
- Lethierryi* (*Megalodactylus*), Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 53 ; *id.*, Hem. Gymn. Eur., i, p. 20, 174 ; iii, p. 505 : Leth. & Puton, Ann. Soc. Ent. Fr. (5 s.), vi, 1876, p. 37.
Hab. Algeria, Egypt.
- pallida*, Reuter, Hem. Gymn. Eur., i, 1879, p. 17, 174, t. 1, f. 1 a-e ; iii, p. 505 ; Fedtsch. Turk., p. 38.
Hab. Turkistan, Sardura, Kisilkum.
- prasina* (*Agalliastes*), Fieber, Wien Ent. Monats., viii, 1864, p. 228 ; Walk., Cat. Het., vi, p. 156 : Reut. Hem. Gymn. Eur., i, p. 23, t. 2, f. 2 ; ii, p. 296 ; iii, p. 441, 506 ; Fedtsch. Turk., p. 39.
affinis, Reuter, Hem. Gymn. Eur., i, 1879, p. 22.
Hab. Transylvania, S. Russia, Turkistan [*Atk.*, Wallachia].
- punctipes*, Reuter, Hem. Gymn. Eur., iii, 1883, p. 441.
prasina, var. *punctipes*, Reut., l. c., ii, p. 296.
Hab. Turkistan.
- roseipennis*, Reuter, Hem. Gymn. Eur., i, 1879, p. 21, 174 ; iii, p. 505 ; Fedtsch. Turk., p. 39.
Hab. Turkistan.
- tamaricis*, Perris, Ann. Soc. Linn. Lyon, iv, 1857, p. 187 : Reuter (*tamaricis*), Hem. Gymn. Eur., i, p. 19 ; ii, p. 295, 296 ; iii, p. 439, 505.
notata, Fieber, Crit. Phyt., 1859, sp. 30 : Eur. Hem., p. 307 : Walk., Cat. Het., vi, p. 152.
var. *elegans*, Jak., Horae Soc. Ent. Ross., iv, 1867, p. 158 : Walk., Cat. Het., vi, p. 153 : Reut., Hem. Gymn. Eur., i, p. 18, 174 ; iii, p. 439 ; Fedtsch. Turk., p. 38.
Hab. Spain, France, Italy, Switzerland, S. Russia, Transcaucasus, Turkistan [*Atk.*, S. Russia].
- unicolor* (*Agalliastes*), Scott, Ent. Mon. Mag., viii, 1872, p. 243 ; Reuter, Hem. Gymn. Eur., i, p. 26, t. 2, f. 3 ; ii, p. 296 ; iii, p. 443, 506.
Hab. Corsica.
- Div. XVIII, **ISOMETOPARIA**, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 60.
Isometopidae, Fieber, Wien. Ent. Monats., iv, 1860, p. 259 ; Eur. Hem., p. 237.

Genus **ISOMETOPUS.**

Fieber, Wien Ent. Monats., iv, 1860, p. 259, t. 6A; Eur. Hem., p. 61, 237: Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 61.

intrusus (*Acanthia*), Herr. Schöff., Nomencl. Ent., i, 1835, p. 61: Wanz., Ins., vi, p. 48, t. 196, f. 608: Fieber, Wien Ent. Monats., iv, 1860, p. 259, t. 6A, f. 15, 16; Eur. Hem., p. 237: Puton, Ann. Soc. Ent. Fr., (5 s.), iii, 1873, t. 1, f. 5.

alienus, Fieber, Wien Ent. Monats., iv, 1860, p. 259, t. 6A, f. 17-19; Eur. Hem., p. 237: Puton, *l. c. supra*, t. 1, f. 4; Bull. Soc. Ent. Fr., (5 s.) vii, 1877, p. cxxx.

Hab. France, Switzerland, Austria.

mirificus, Mulsant & Rey, Ann. Soc. Linn. Lyon, xxv, 1878, p. 323: Rev. d' Ent., i, 1882, p. 278.

Hab. France.

Genus **MYIOMMA.**

Puton, Pet. Nouv. Ent., i, No. 44, 1872, p. 177; Ann. Soc. Ent. Fr., (5 s.) iii, 1873, p. 21, note: Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 60.

Fieberii, Puton, *l. c. supra*, 1872, p. 177; Ann. Soc. Ent. Fr., (5 s.) iii, 1873, p. 20, t. 1, f. 3, ♂.

Hab. S. France, Italy.

ADDITIONS.p. 42. **ECCRITOTARSUS.**

exitiosus, Distant, Ent. Mon. Mag., xxv, 1889, p. 202.

Hab. Trinidad.

incus, Distant, C. R. Soc. Ent. Belg., xxxii, 1888, p. lxxxi.

Hab. Brazil.

magnificus, Distant, *l. c.*, p. lxxxii.

Hab. Brazil.

p. 44. **NEOCARNUS.**

glabratus, Distant, C. R. Soc. Ent. Belg., xxxii, 1888, p. lxxxii.

Hab. Brazil.

p. 44. **FUNDANIUS.**

bicolor, Distant, *l. c.*, p. lxxxii.

Hab. Brazil.

p. 51. **HELOPELTIS.**

febriculosa, Bergroth, Ent. Mon. Mag., xxv, 1889, p. 271.

Hab. Sikkim [*Ind. Mus.*, Mungphu].

p. 56. **RESTHENIA.**

designata, Distant, C. R. Soc. Ent. Belg., xxxii, 1888, p. lxxxi.

Hab. Brazil.

majuscula, Distant, *l. c.*, p. lxxxi.

Hab. Brazil.

p. 93, near **CYPHODEMA.**

Genus **OHILORATES.**

Horvath, *Termes fûset.*, xii, 1889, p. 39.

Lensii, Horvath, *l. c. supra*, p. 39.

Hab. Kashmir.

p. 93. **POECILOSOYPTUS.**

aterrimus (*Systratiotus*), Jakowleff, *Hor. Soc. Ent. Ross.*, xxiii, 1889, p. 69.

Hab. Siberia.

p. 105. **CAPSUS.**

niger (*Rhopalotomus*), Jakowleff, *Hor. Soc. Ent. Ross.*, xxiii, 1889, p. 69.

Hab. Siberia.

p. 154. **MACROTYLUS.**

dimidiatus, Jakowleff, *Hor. Soc. Ent. Ross.*, xxiii, 1889, p. 69.

Hab. Siberia.

CORRECTIONS.

p. 31, omit *Myrmecoris bimaoulata*, Motsch. : see p. 117.

p. 33, transfer *Miris dolobratu*s, Linn. to Genus *Leptopterna*, p. 39.

p. 39, *Xenetu*s, Dist., is the same as *Ecocritotaru*s, Westw., p. 49.

p. 46, for 'midestus,' Dist., read 'modestus.'

p. 54, line 21 from above, for '*Lynchmitidia*,' read '*Lychmitidis*.'

p. 55, line 5 from above, omit *rubricosu*s Garbig., and references.

p. 65, omit '?' before *miridioides*, Leth.

p. 71, line 18 from above, for '*bifasciatus*, Herr. Schâff. and references,' read '*bifasciatus*, Hahn, *Wanz. Ins.*, iii, 1835, p. 7, t. 75, f. 232.'

p. 84, omit '*aurantiacu*s, Voll.,' and reference : see p. 158.

p. 85, omit '?' before *brachyonemis*, Reut.

p. 87, omit '*fratruelis*, Berg,' and reference : see p. 99.

p. 107, omit '*bicinctu*s, Walker,' and reference : see p. 85.

p. 110, omit '*signatipes*, Herr. Schâff,' and references, see p. 165.

p. 119, for '*erythroleptu*s,' read '*erythroleptu*s.'

p. 149, line 12 from below, for '*Placochilu*s,' read '*Placochilu*s.'

p. 153, for '**ALLOETOMUS**,' read '**ALLOETARSUS**.'

p. 162, omit '? *convexu*s, Reut.' and reference : see p. 164.

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[The changes in the genera have been so great that it is necessary to give an index to the species described. Those names that have become synonyms are given in italics, and when several authors have given the same specific name to different species, the authors are quoted and the following contractions have been employed:—

Beck. = Becker.
Blanc., Blanchard.
Brul., Brullé.
Chic., Chicote.
Cost., Costa.
Dahl., Dahlbohm.
Dist., Distant.
De G., De Geer.
D. & S., Douglas & Scott.
Duf., Dufour.
Fab., Fabricius.
Fal., Fallen.
Fb., Fieber.
Ferr., Ferrari.
Garb., Garbiglietti.
Geof., Geoffroy.
Germ., Germar.
Gmel., Gmelin.

Goes., = Goese.
Gredl., Gredler.
H. S., Herrich Schäffer.
Hhn., Hahn.
Horv., Horvath.
Jak., Jakowleff.
Kb., Kirschbaum.
Kol., Kolenati.
Leth., Lethierry.
Lin., Linnæus.
Luc., Lucas.
Mey., Meyer.
Mots., Motschulsky.
Mül., Müller.
Muls., Mulsant.
Per., Ferris.
Put., Puton.
Preys., Preyssler.

Prov., = Provancher.
Rt., Reuter.
Saun., Saunders.
Schol., Scholtz.
Shlb., Sahlberg.
Schk., Schrank.
Schill., Schilling.
Scop., Scopoli.
Sign., Signoret.
Spin., Spinola.
Sulz., Sulzer.
Uhl., Uhler.
Vill., Villers.
Voll., Vollenhoven.
Wlk., Walker.
Wlf., Wolff.

E. T. A.]

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NOTE. The following additions and corrections should be made in the 'Catalogue of the *Cicindelidæ*':—

- p. 4. *analis*, Fabr., add to references, MacLeay, Annul. Javan., p. 11.
p. 5. *bramani*, Dokhtoureff, locality, India.
p. 8. omit *flammulata*, Quedenfeldt: it is an African species.
" *funerea*, MacLeay, read in reference, Annul. Javan., 1825, p. 12.
" add, *formosana*, Bates, Proc. Zool. S. Lond., 1866, p. 341. Formosa.
p. 9. add, *lobipennis*, Bates, l. c., 1888, p. 380. Kiukiang on Yangtse.
p. 11. *quadrilineata*, Fabr., add 'MacLeay, Annul. Javan., 1825, p. 11.'
" omit '*scrobiculata*, Wied.,' see *Dromicidia*, p. 14.
p. 12. line 18 from top, for 't. 2,' read 't. 1.'
add :—

Genus EURYTARSA.

Dokhtoureff, Rev. d' Ent., i, 1882, p. 113, 276.
bigranifera, Dokhtoureff, l. c., p. 114.

Hab. Philippines, Mindoro.

p. 17. *Mellyi*, Chandoir, add 'xxxiv (4), 1861, p. 359.'

p. 18. add, *collyris aureofusca*, Bates, Proc. Zool. S. Lond., 1889. p. 216.

Hab. Ichang, Yangtse Valley.

TABLES

OF

METRIC WEIGHTS AND MEASURES

PREPARED FOR THE USE OF

THE PHOTOGRAPHIC AND LITHOGRAPHIC OFFICES,
SURVEY OF INDIA,

BY

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TABLES
OF
METRIC WEIGHTS AND MEASURES

PREPARED FOR THE USE OF
**THE PHOTOGRAPHIC AND LITHOGRAPHIC OFFICES,
SURVEY OF INDIA.**

Metric Tables.

The metric system of weights and measures having been adopted in the Photographic Office for convenience in keeping the store accounts, the following tables for the conversion of these measures to British and *vice versa* will be found useful.

They have been based on the relative equivalents of the metric and British systems given in Schedule III of the Weights and Measures Act of 1878, and have been compiled from De la Rue's Tables and other sources.

As the metric system is now ordinarily used in scientific publications, the scope of the tables has been extended so as to meet, as far as possible, the ordinary requirements of general and scientific reference.

Use of the Tables.

The number required to be converted, whether British or metric, may either be multiplied directly by the decimal fraction representing the equivalent value of one unit of the required denomination, as found in the tables of equivalents or multipliers, according to the accuracy required; or, it may be broken up into a series of constituent parts in thousands, hundreds, tens, units and fractions, and the equivalents of the several amounts, as found from the tables of multipliers, added together. In the latter case care must be taken to change the position of the decimal point as required for multiples or fractions of the unit.

This will be best illustrated by examples.

Supposing it be desired to find the equivalent of 645·15 litres in pints.

By the first method 645·15 is multiplied by the equivalent of 1 litre in pints = 1·76077, giving a product of 1135·961.

By the second method the total number of litres may be broken up as follows :—

| | | | | |
|--------|--------|---|----------|--------|
| 600·00 | litres | = | 1056·462 | pints. |
| 40·00 | " | = | 70·431 | " |
| 5·00 | " | = | 8·804 | " |
| 0·10 | " | = | 0·176 | " |
| 0·05 | " | = | 0·088 | " |
| | | | | |
| 645·15 | | = | 1135·961 | |

Adding together the equivalents of the constituent parts in pints the same total is obtained.

Conversely :—Supposing it be desired to find the equivalent of 3 cwt. 25 lb 14½ ounces in kilogrammes, the whole sum may be reduced to ounces and multiplied by ·02835, the equivalent of 1 ounce in kilogrammes, thus :—

$$5790·50z \times \cdot 02835 = 164·161 \text{ kilos.}$$

But in this case the result will be more accurately and simply obtained by finding the metric equivalents of the separate items of British measure from the tables, and adding them together, thus :—

| | | | |
|---------|---|---------|--------|
| 3 cwt. | = | 152·407 | kilos. |
| 20 lb | = | 9·072 | " |
| 5 lb | = | 2·268 | " |
| 10 oz. | = | 0·283 | " |
| 4 oz. | = | 0·113 | " |
| 0·5 oz. | = | 0·014 | " |
| | | | |
| TOTAL | . | 164·157 | " |

In some cases the first method will be the simplest and in others the second. The tables of multipliers show only 3 places of decimals, and therefore, if greater accuracy be required, especially in the first method, a longer fraction of at least 5 places of decimals should be taken from the tables of equivalents.

NOTE.—The value of the metre given in the Table I = 39·37079 inches, is *vacuo*, at Sea-level, was determined by Captain Kater in 1818, the temperature of the standard yard being 62° F. and of the metre 32° F. It has since then been recognised as the authoritative legal equivalent of the metre in British measure and still remains so.

In the course of his comparison of the standards of length of various countries, made at the Ordnance Survey Office, Southampton, in 1865, Captain A. R. Clarke, R.E., determined the true length of the legal equivalent of the metre under the above conditions of temperature to be 1·00362311 yards = 3·28086933 feet = 39·37043196 inches (see "Comparison of the Standards of Length," p. 280).

By this valuation the corresponding equivalents of British Measures of Length in Metric Measures are —

| | | | |
|--------|---|------------|--------------|
| 1 inch | = | 2·5399772 | centimetres. |
| 1 foot | = | 30·4797264 | " |
| 1 yard | = | 91·4391702 | " |
| 1 mile | = | 1·6093206 | kilometre |

(as given in the Survey of India 'Auxiliary Tables').

Captain Clarke further determined the correct British equivalent of the *Scientific* metre or the length of the ideal theoretical metre, being the 10-millionth part of the quadrant of the Meridian passing through Paris, to be 39'377786 inches, or, reduced to the same standard of temperature as the legal metre, 39'376229 inches.

As stated above, in fixing the equivalent of the legal metre, the lengths of the standards were compared at their normal temperature, *vis.*, 32° for the metre and 62° F. for the standard yard. The Standards Commissioners recommended in 1871 that, for *commercial* purposes, it was desirable that the comparison of the two standards should be made at the same ordinary temperature of the air at 62° F. According to this valuation the length of a brass metre would be 39'380203 inches.

Table II is based on the determination by Prof. W. H. Miller, in 1844, of the weight of the French *Kilogramme des Archives, in vacuo*, to be equal to 15432'24874 Imperial grains, or 2'80461125 standard platinum pounds (avoirdupois).

The Troy pound has now almost become obsolete. Under the Weights and Measures Act of 1878, avoirdupois weight is to be used exclusively for all articles sold by weight, except for bullion and precious stones, which may be sold by the Troy ounce or by decimal parts of it, and for drugs which may be sold by retail by apothecaries' weight. In the latest editions of the British Pharmacopœia the only weights used are the grain, avoirdupois ounce (437'5 grains) and pound (7000 grains). Photographic and chemical formulae are commonly prepared according to Apothecaries or Troy grains, drachms and ounces, but the use of Avoirdupois and Metric Weights for this purpose is fast extending.

The tables have been carefully revised in the Trigonometrical Branch office by Mr. W. H. Cole, M.A., Deputy Superintendent of Survey.

I.—Measures

Metric to

The fundamental unit of Metric Length and Weight is the METRE, assumed to be the 10-standard metre at its normal temperature of 32° F. is 39'37079

| | Inches. | Feet. | Yards. |
|---------------------------|-----------------|--------------|--------------|
| Millimetre = 1/1000 metre | = 0'03937 | 0'00328 | 0'00109 |
| Centimetre = 1/100 " | = 0'39371 | 0'03281 | 0'01094 |
| Decimetre = 1/10 " | = 3'93708 | 0'32809 | 0'10939 |
| Metre = unit | = 39'37079 | 3'28000 | 1'09362 |
| Decametre = 10 metres | = 393'70790 | 32'80899 | 10'93612 |
| Hectometre = 100 " | = 3,937'07900 | 328'08998 | 109'36131 |
| Kilometre = 1,000 " | = 39,370'79000 | 3,280'89917 | 1,093'61366 |
| Myriametre = 10,000 " | = 393,707'90000 | 32,808'99167 | 10,936'13656 |

One Micron (μ). (μ . *micra*), = one-thousandth of a millimetre = '001 millimetre = '000039 inch.

MULTI

| | Millimetres to | Centimetres to |
|---------|----------------|----------------|
| Metres. | Inches. | Inches. |
| 1 | 0'001 | 0'03937 |
| 2 | 0'002 | 0'07874 |
| 3 | 0'003 | 0'11811 |
| 4 | 0'004 | 0'15748 |
| 5 | 0'005 | 0'19685 |
| 6 | 0'006 | 0'23622 |
| 7 | 0'007 | 0'27559 |
| 8 | 0'008 | 0'31497 |
| 9 | 0'009 | 0'35434 |
| 10 | 0'010 | 0'39371 |

British to

| | Millimetres. | Centimetres. |
|-------------------------------|-------------------|---------------|
| 12 inches = 1 foot | = 304'79449 | 30'47945 |
| 3 feet = 1 yard | = 914'38348 | 91'43835 |
| 2 yards = 1 fathom | = 1,828'76696 | 182'87670 |
| 5 1/2 poles = 1 pole or perch | = 5,029'10914 | 502'91091 |
| 40 poles = 1 furlong | = 20,116'36576 | 2,011'63658 |
| 8 furlongs = 1 mile | = 1,609,314'92612 | 160,931'49261 |

1 chain = 20'11644 Metres. 1 Geographical mile = 1'8527 Statute miles = '1,852'052 metres. 1 degree = 1 mill = 1/6336 inch = '0154 m.m.

MULTI

| | Inches to | Feet to |
|--------------|--------------|-------------|
| Millimetres. | Centimetres. | Decimetres. |
| 1 | 25'3995 | 2'54 |
| 2 | 50'7991 | 5'08 |
| 3 | 76'1986 | 7'62 |
| 4 | 101'5982 | 10'16 |
| 5 | 126'9977 | 12'70 |
| 6 | 152'3972 | 15'24 |
| 7 | 177'7968 | 17'78 |
| 8 | 203'1963 | 20'32 |
| 9 | 228'5959 | 22'86 |
| 10 | 253'9954 | 25'40 |

1 inch = 25,399'54 micra. 1/16 inch = 253'995 micra.

Fractions of an Inch to Millimetres.

| | | | |
|-----------|----------|----------|----------|
| = 11'6098 | = 5'0790 | = 2'5400 | = 0'8667 |
| = 8'4665 | = 4'2333 | = 2'1166 | = 0'7917 |
| = 16'9330 | = 3'6285 | = 1'5875 | = 0'6350 |
| = 6'3499 | = 3'1740 | = 1'2700 | = 0'5980 |
| = 19'0497 | = 2'8222 | = 1'0160 | = 0'3490 |

of Length.

British.

millionth part of the quarter of the earth's meridian. The legal British equivalent of the inches, of the British standard yard at the temperature of 62° F.

| Furlongs. | Miles. | Miles. | Furlongs. | Yards. | Feet. | Inches. |
|-----------|---------|--------|-----------|--------|-------|---------------------|
| ... | ... | = 0 | 0 | 0 | 0 | about $\frac{1}{4}$ |
| 0'00005 | ... | = 0 | 0 | 0 | 0 | " $\frac{1}{8}$ |
| 0'00050 | 0'00006 | = 0 | 0 | 0 | 0 | " $\frac{3}{16}$ |
| 0'00497 | 0'00052 | = 0 | 0 | 1 | 0 | " $\frac{3}{8}$ |
| 0'04971 | 0'00521 | = 0 | 0 | 10 | 2 | " $\frac{9}{16}$ |
| 0'49711 | 0'06214 | = 0 | 0 | 109 | 1 | " $\frac{1}{2}$ |
| 4'97106 | 0'62138 | = 0 | 4 | 213 | 1 | " $\frac{10}{16}$ |
| 49'71059 | 6'21382 | = 6 | 1 | 156 | 0 | " $\frac{11}{16}$ |

One *micro-millimetre* ($\mu\mu.$) = one-millionth of a millimetre or about 0'0000004 of an inch.

FLIERS.

| Inches. | Metres to Feet. | Yards. | Feet. | Kilometres to Yards. | Miles. |
|---------|-----------------|--------|------------|----------------------|--------|
| 39'371 | 3'281 | 1'094 | 3,280'899 | 1,093'633 | 0'621 |
| 78'742 | 6'562 | 2'187 | 6,561'798 | 2,187'266 | 1'243 |
| 118'112 | 9'843 | 3'281 | 9,842'697 | 3,280'899 | 1'854 |
| 157'483 | 13'124 | 4'375 | 13,123'597 | 4,374'532 | 2'466 |
| 196'854 | 16'404 | 5'468 | 16,404'496 | 5,468'105 | 3'107 |
| 235'225 | 19'685 | 6'562 | 19,685'395 | 6,561'798 | 3'728 |
| 274'596 | 22'966 | 7'655 | 22,966'294 | 7,655'431 | 4'350 |
| 314'066 | 26'247 | 8'749 | 26,247'193 | 8,749'064 | 4'971 |
| 353'437 | 29'528 | 9'843 | 29,528'092 | 9,842'697 | 5'592 |
| 392'808 | 32'809 | 10'936 | 32,808'992 | 10,936'331 | 6'214 |

Metric.

| Decimetres. | Metres. | Hectometres. | Kilometres. |
|--------------|-------------|--------------|-------------|
| 0'25400 | 0'02540 | 0'00025 | 0'000025 |
| 3'04794 | 0'30479 | 0'00305 | 0'000305 |
| 9'14383 | 0'91438 | 0'00914 | 0'000914 |
| 18'28767 | 1'82877 | 0'01829 | 0'001829 |
| 50'20190 | 5'02011 | 0'05029 | 0'005029 |
| 2,011'64356 | 201'16437 | 2'01164 | 0'20116 |
| 16,093'14926 | 1,609'31493 | 16'09315 | 1'60931 |

111'303 kilometres. The length of 1' of latitude at 45° = 6,076 feet = 1'1506 Statute mile = 1852 metres, nearly.
 1 line = $\frac{1}{16}$ inch = 2'1166 mm.

FLIERS.

| Decimetres. | Yards to Metres. | Kilometres. | Metres. | Miles to Hectometres. | Kilometres. |
|-------------|------------------|-------------|------------|-----------------------|-------------|
| 0'1438 | 0'914 | 0'0009 | 1,609'315 | 16'093 | 1'609 |
| 18'2877 | 1'829 | 0'0018 | 3,218'630 | 32'186 | 3'219 |
| 27'4315 | 2'743 | 0'0027 | 4,827'945 | 48'279 | 4'828 |
| 36'5753 | 3'658 | 0'0037 | 6,437'260 | 64'373 | 6'437 |
| 45'7192 | 4'572 | 0'0046 | 8,046'575 | 80'466 | 8'047 |
| 54'8630 | 5'486 | 0'0055 | 9,655'890 | 96'559 | 9'656 |
| 64'0068 | 6'401 | 0'0064 | 11,265'204 | 112'652 | 11'265 |
| 73'1507 | 7'315 | 0'0073 | 12,874'519 | 128'745 | 12'875 |
| 82'2945 | 8'229 | 0'0082 | 14,483'834 | 144'838 | 14'484 |
| 91'4383 | 9'144 | 0'0091 | 16,093'149 | 160'931 | 16'093 |

Approximate Values.

- 1 kilometre = about 5 furlongs (0'039 less)
- 1 mile = nearly $\frac{1}{4}$ kilometre (1% less).
- 1 metre = " 39 inches (0'029" less)
- 1 yard = " $\frac{1}{11}$ metre. 11 Metres = 12 yards.
- To convert metres to yards add $\frac{1}{11}$.
- 1 Decimetre = 4 inches (3 $\frac{1}{4}$ exactly)
- 1 Centimetre = 1 inch
- 1 Millimetre = $\frac{1}{25}$ inch
- 1 foot = 30 centimetres
- 1 inch = " 25 millimetres
- 1 " = " 25 millimetres

II.—Measures

Metric to British Avoi

The standard unit of Metric Weight is the KILOGRAMME, which is the weight of a

| | Grammes. | Grains. | Troy Ounces. | Avoirdupois Ounces. |
|-----------------|----------|-------------------|--------------|---------------------|
| Milligramme | = 1000 | = 0'01543 | 0'00003 | 0'00003 |
| Centigramme | = 100 | = 0'15432 | 0'00032 | 0'00035 |
| Decigramme | = 10 | = 1'54323 | 0'00322 | 0'00333 |
| GRAMME | = 1 | = 15'43238 | 0'03215 | 0'03527 |
| Decagramme | = 10 | = 154'32349 | 0'32151 | 0'35274 |
| Hectogramme | = 100 | = 1,543'23487 | 3'21507 | 3'52739 |
| KILOGRAMME | = 1,000 | = 15,432'34874 | 32'15073 | 35'27394 |
| Myriagramme | = 10,000 | = 154,323'48740 | 321'50727 | 352'73940 |
| Quintal | | = 100 Kilogrammes | 1'96841 Cwt. | 0'96842 Tons |
| Miller or Tonne | | = 1000 " | 19'68412 " | 0'96841 " |

MULTI

| | Milligrammes to Grains. | Centigrammes to Grains. | Decigrammes to Grains. | Grammes to Ap. Drachma. | Troy oz. | Avoi. oz. |
|----|-------------------------|-------------------------|------------------------|-------------------------|----------|-----------|
| 1 | 0'0154 | 0'154 | 1'543 | 0'2572 | 0'032 | 0'035 |
| 2 | 0'0309 | 0'309 | 3'086 | 0'5144 | 0'064 | 0'071 |
| 3 | 0'0463 | 0'463 | 4'630 | 0'7716 | 0'096 | 0'106 |
| 4 | 0'0617 | 0'617 | 6'173 | 1'0288 | 0'129 | 0'141 |
| 5 | 0'0772 | 0'772 | 7'716 | 1'2860 | 0'161 | 0'176 |
| 6 | 0'0926 | 0'926 | 9'259 | 1'5432 | 0'193 | 0'212 |
| 7 | 0'1080 | 1'080 | 10'803 | 1'8004 | 0'225 | 0'247 |
| 8 | 0'1235 | 1'235 | 12'346 | 2'0576 | 0'257 | 0'282 |
| 9 | 0'1389 | 1'389 | 13'889 | 2'3149 | 0'289 | 0'318 |
| 10 | 0'1543 | 1'543 | 15'432 | 2'5721 | 0'322 | 0'353 |

British Troy and

| | Milligrammes. | Centigrammes. | Decigrammes. |
|-----------------|-----------------|----------------|---------------|
| Grain | = 64'79895 | = 6'47990 | = 6'4799 |
| Scruple (A) | = 1,295'97901 | = 129'59790 | = 12'95979 |
| Pennyweight (T) | = 1,555'17481 | = 155'51748 | = 15'55173 |
| Drachm (A) | = 3,887'93708 | = 388'79370 | = 38'87937 |
| Ounce | = 31,103'49617 | = 3,110'34962 | = 311'03496 |
| Pound | = 373,241'95410 | = 37,324'19541 | = 3,732'41954 |

In the new British Pharmacopœia the Avoirdupois Ounce and

Avoirdupois

| | Milligrammes. | Centigrammes. | Decigrammes. |
|---------------|----------------|---------------|--------------|
| Dram | = 27'34 Grains | = 2'734 | = 273'4 |
| Ounce | = 437'5 " | = 43'75 | = 4375 |
| Pound | = 7,000 " | = 700 | = 7000 |
| Stone | = 14 " | = 140 | = 1400 |
| Hundredweight | = 112 " | = 1120 | = 11200 |
| Ton | = 2,240 " | = 2240 | = 22400 |

MULTI

| | Grains to Milligrams. | Centigrams. | Grms. | Apothecaries' Drachms to | | | Troy Ounces to | | Kilograms. |
|----|-----------------------|-------------|-------|--------------------------|--------|------------|----------------|-------------|------------|
| | Milligrams. | Centigrams. | Grms. | Decigrams. | Grms. | Decigrams. | Grms. | Hectograms. | Kilograms. |
| 1 | 64'799 | 6'480 | 0'065 | 38'879 | 3'888 | 0'389 | 31'103 | 0'311 | 0'031 |
| 2 | 129'598 | 12'960 | 0'130 | 77'759 | 7'776 | 0'778 | 62'207 | 0'622 | 0'062 |
| 3 | 194'397 | 19'440 | 0'194 | 116'638 | 11'664 | 1'166 | 93'310 | 0'933 | 0'093 |
| 4 | 259'196 | 25'920 | 0'239 | 155'517 | 15'552 | 1'555 | 124'414 | 1'244 | 0'124 |
| 5 | 323'995 | 32'360 | 0'324 | 194'397 | 19'440 | 1'944 | 155'517 | 1'555 | 0'155 |
| 6 | 388'794 | 38'870 | 0'389 | 233'276 | 23'328 | 2'333 | 186'621 | 1'866 | 0'186 |
| 7 | 453'593 | 45'350 | 0'454 | 272'155 | 27'216 | 2'722 | 217'724 | 2'177 | 0'217 |
| 8 | 518'392 | 51'830 | 0'518 | 311'035 | 31'103 | 3'110 | 248'826 | 2'488 | 0'248 |
| 9 | 583'190 | 58'310 | 0'583 | 349'914 | 34'991 | 3'499 | 279'921 | 2'799 | 0'279 |
| 10 | 647'990 | 64'790 | 0'648 | 388'794 | 38'879 | 3'888 | 311'035 | 3'110 | 0'311 |

Fractions of a Grain to Milligrammes.

| | | | | | | | |
|------|--------|------|--------|------|--------|------|--------|
| 1/2 | = 32'4 | 1/4 | = 16'2 | 1/8 | = 8'1 | 1/16 | = 4'05 |
| 1/3 | = 21'6 | 1/6 | = 10'8 | 1/12 | = 5'4 | 1/24 | = 2'7 |
| 1/4 | = 15'9 | 1/8 | = 8'1 | 1/16 | = 4'05 | 1/32 | = 2'3 |
| 1/5 | = 12'9 | 1/10 | = 6'5 | 1/20 | = 3'25 | 1/40 | = 1'6 |
| 1/6 | = 10'8 | 1/12 | = 5'4 | 1/24 | = 2'7 | 1/48 | = 1'35 |
| 1/7 | = 9'3 | 1/14 | = 4'7 | 1/28 | = 1'9 | 1/56 | = 0'9 |
| 1/8 | = 8'1 | 1/16 | = 4'05 | 1/32 | = 1'5 | 1/64 | = 0'7 |
| 1/9 | = 7'2 | 1/18 | = 4'0 | 1/36 | = 1'1 | 1/72 | = 0'6 |
| 1/10 | = 6'5 | 1/20 | = 3'25 | 1/40 | = 0'8 | 1/80 | = 0'4 |

of Weight.

dupols and Troy.

cubic decimetre, or 61.027 cubic inches, of pure water, in vacuo, at 4° C. (39.2° F.).

| Avoirdupois Pounds. (7000 grains.) | Hundredweights. (112 lbs. av.) | Avoirdupois. | Troy and Apothecaries. |
|---------------------------------------|-----------------------------------|--------------|------------------------|
| ... | ... | ... | ... |
| 0.00002 | ... | = 0 0 | 0 0 0 |
| 0.00022 | ... | = 0 0 | 0 0 0 |
| 0.00220 | 0.00002 | = 0 0 | 0 0 0 |
| 0.02203 | 0.00020 | = 0 0 | 0 0 0 |
| 0.22046 | 0.00197 | = 0 3 | 0 3 1 |
| 2.20463 | 0.01968 | = 2 3 | 2 8 1 |
| 22.04631 | 0.19684 | = 22 0 | 26 9 4 |

= weight of 1 cubic metre of water.

PLIERS.

| Hectogrammes to | | | Kilogrammes to | | | Quintals to | | Milliers |
|-----------------|-------------|--------------|----------------|-------------|--------------|-----------------|-------|----------|
| Troy oz. | Avoird. oz. | Avoird. lbs. | Troy oz. | Avoird. oz. | Avoird. lbs. | Hundredweights. | Tons. | |
| 3.715 | 3.527 | 0.220 | 32.151 | 35.274 | 2.205 | 1.968 | 0.984 | |
| 6.430 | 7.055 | 0.441 | 64.301 | 70.548 | 4.409 | 3.937 | 1.968 | |
| 9.645 | 10.582 | 0.661 | 96.452 | 105.822 | 6.614 | 5.905 | 2.953 | |
| 12.860 | 14.110 | 0.882 | 128.603 | 141.096 | 8.818 | 7.874 | 3.937 | |
| 16.075 | 17.637 | 1.102 | 160.754 | 172 | 11.023 | 9.842 | 4.921 | |
| 19.290 | 21.164 | 1.323 | 192.904 | 212.64 | 13.228 | 11.810 | 5.905 | |
| 22.505 | 24.692 | 1.543 | 225.055 | 246.918 | 15.432 | 13.779 | 6.889 | |
| 25.721 | 28.219 | 1.764 | 257.206 | 281.192 | 17.637 | 15.747 | 7.874 | |
| 28.936 | 31.747 | 1.984 | 289.357 | 317.465 | 19.842 | 17.716 | 8.858 | |
| 32.151 | 35.274 | 2.205 | 321.507 | 352.730 | 22.046 | 19.684 | 9.842 | |

Apothecaries Weight to Metric.

| Grammes. | Decagrammes. | Hectogrammes. | Kilogrammes. |
|----------|--------------|---------------|--------------|
| 0.06480 | 0.00648 | 0.00065 | 0.00006 |
| 1.29600 | 0.12960 | 0.01296 | 0.00120 |
| 1.94400 | 0.19440 | 0.01944 | 0.00180 |
| 2.59200 | 0.25920 | 0.02592 | 0.00240 |
| 3.24000 | 0.32400 | 0.03240 | 0.00300 |
| 3.88800 | 0.38880 | 0.03888 | 0.00360 |
| 4.53600 | 0.45360 | 0.04536 | 0.00420 |
| 5.18400 | 0.51840 | 0.05184 | 0.00480 |
| 5.83200 | 0.58320 | 0.05832 | 0.00540 |
| 6.48000 | 0.64800 | 0.06480 | 0.00600 |

Pound and the ordinary Grain are the only weights adopted.

to Metric.

| Grammes. | Decagrammes. | Hectogrammes. | Kilogrammes. |
|----------|--------------|---------------|--------------|
| 1.77185 | 0.17718 | 0.01772 | 0.00177 |
| 2.36250 | 0.23625 | 0.02363 | 0.00236 |
| 2.95315 | 0.29532 | 0.02953 | 0.00295 |
| 3.54380 | 0.35438 | 0.03544 | 0.00354 |
| 4.13445 | 0.41345 | 0.04135 | 0.00413 |
| 4.72510 | 0.47251 | 0.04725 | 0.00472 |
| 5.31575 | 0.53158 | 0.05316 | 0.00531 |
| 5.90640 | 0.59064 | 0.05906 | 0.00590 |
| 6.49705 | 0.64971 | 0.06497 | 0.00649 |

PLIERS.

| Avoirdupois Ounces to | | | Avoirdupois Pounds to | | | Hundredweights to | | Tons |
|-----------------------|-------------|------------|-----------------------|-------------|------------|-------------------|-----------|------|
| Grms. | Hectograms. | Kilograms. | Grms. | Hectograms. | Kilograms. | Quintals. | Milliers. | |
| 28.350 | 0.283 | 0.028 | 453.593 | 4.536 | 0.454 | 0.508 | 1.016 | |
| 56.700 | 0.567 | 0.057 | 907.186 | 9.072 | 0.907 | 1.016 | 2.032 | |
| 85.050 | 0.850 | 0.085 | 1360.779 | 13.608 | 1.361 | 1.524 | 3.048 | |
| 113.400 | 1.134 | 0.113 | 1814.371 | 18.144 | 1.814 | 2.032 | 4.064 | |
| 141.750 | 1.417 | 0.142 | 2267.963 | 22.680 | 2.268 | 2.540 | 5.080 | |
| 170.100 | 1.701 | 0.170 | 2721.556 | 27.216 | 2.722 | 3.048 | 6.096 | |
| 198.450 | 1.984 | 0.198 | 3175.149 | 31.752 | 3.175 | 3.556 | 7.112 | |
| 226.800 | 2.268 | 0.227 | 3628.741 | 36.287 | 3.629 | 4.064 | 8.128 | |
| 255.150 | 2.551 | 0.255 | 4082.334 | 40.823 | 4.082 | 4.572 | 9.144 | |
| 283.500 | 2.835 | 0.283 | 4535.927 | 45.359 | 4.536 | 5.080 | 10.160 | |

Approximate Equivalents.

- 1,000 Grammes or Metric Tonne is nearly 1 English Ton (about 1 1/2% less).
- 1 Kilogramme equals weight of cubic decimetre or litre of water.
- is nearly 2 1/2 lb. Avoirdupois (about 1/2% more); 5 Kilos. = 11 lb. nearly.
- 1 Hectogramme is about 3 1/2 ounces Avoirdupois.
- 1 Decagramme is about 1/2 ounce.
- 1 Gramme is about 15 1/2 grains.
- 65 Milligrammes are about 1 grain.
- 1 Hundredweight is nearly 51 Kilos. (about 1/2% less).
- 1 ounce Troy = 31 1/4 grammes
- 1 ounce Avoirdupois = 28 1/4 grammes } The ounce is commonly and conveniently taken as 30 grammes in making photographic formulae.

III.—Measures of

Metric

The Unit of Metric Measures of Capacity is the LITRE, or Cubic Decimetre, equal to the

| | Litres. | Cubic Inches. | Cubic Feet. | Fluid, Oz. 173296 Cub. In. |
|--------------------------------|----------|---------------|-------------|-------------------------------|
| Millilitre or cubic centimetre | = 1/1000 | 0.06103 | 0.00004 | 0.03521 |
| Centilitre = 10 cubic cents | = 1/100 | 0.61027 | 0.00035 | 0.35215 |
| Decilitre = 100 " " | = 1/10 | 6.10271 | 0.00353 | 3.52155 |
| LITRE or cubic Decimetre | = 1 | 61.02705 | 0.00353 | 35.21547 |
| Hectolitre | = 100 | 6102.70515 | 0.35317 | 352.15468 |
| Kecolitre | = 1,000 | 61,027.05158 | 3.53166 | 3,521.54683 |
| Kilolitre (cubic metre) | = 10,000 | 610,270.51519 | 35.31658 | 35,215.46828 |
| Myrialitre | = 10,000 | 610,270.51519 | 353.16581 | 352,154.68280 |

N.B.—The above Table is based upon the value of the Litre as given in the Weights and Measures Act of 1878 = 0.2202443 Imperial gallons. Under this valuation the Litre = 35.23009 fluidounces

MULTI

| | Millilitres to Minims. | Fl. Drachms. | Fl. Ozs. | Centilitres to Fl. Drachms. | Fl. Ounces. | Decilitres to Fl. Ounces | Pints. |
|----|------------------------------|--------------|----------|-----------------------------------|-------------|--------------------------------|--------|
| 1 | 16.903 | 0.282 | 0.035 | 2.817 | 0.352 | 3.522 | 0.176 |
| 2 | 33.807 | 0.563 | 0.070 | 5.634 | 0.704 | 7.043 | 0.351 |
| 3 | 50.710 | 0.845 | 0.106 | 8.452 | 1.056 | 10.565 | 0.528 |
| 4 | 67.614 | 1.127 | 0.141 | 11.269 | 1.409 | 14.086 | 0.704 |
| 5 | 84.517 | 1.409 | 0.176 | 14.086 | 1.761 | 17.608 | 0.880 |
| 6 | 101.421 | 1.690 | 0.211 | 16.903 | 2.113 | 21.129 | 1.056 |
| 7 | 118.324 | 1.972 | 0.247 | 19.721 | 2.465 | 24.651 | 1.233 |
| 8 | 135.227 | 2.254 | 0.282 | 22.538 | 2.817 | 28.172 | 1.409 |
| 9 | 152.131 | 2.536 | 0.317 | 25.355 | 3.169 | 31.694 | 1.585 |
| 10 | 169.034 | 2.817 | 0.353 | 28.172 | 3.522 | 35.215 | 1.761 |

British

| | Millilitres or cubic centimetres. | Centilitres. |
|-------------|-----------------------------------|--------------|
| Minim | = 0.05916 | 0.00591 |
| Drachm | = 3.54058 | 0.35405 |
| Fluid ounce | = 28.39661 | 2.83966 |
| Pint | = 567.92225 | 56.79222 |
| Quart | = 1,135.86449 | 113.58685 |
| Gallon | = 4,543.45797 | 454.34580 |

According to the corrected value of the Litre, as above, 1 pint = .95755

MULTI

| | Minims to Millilitres. | Fl. Drachms to Millilitres. | Millilitres. | Fluid Ounces to Decilitres. | Litres. |
|----|------------------------------|-----------------------------------|--------------|-----------------------------------|---------|
| 1 | = 0.059 | 15 = 0.887 | 1 = 3.550 | 28.397 | 0.284 |
| 2 | = 0.118 | 20 = 1.183 | 2 = 7.099 | 56.793 | 0.568 |
| 3 | = 0.177 | 25 = 1.479 | 3 = 10.649 | 85.190 | 0.852 |
| 4 | = 0.237 | 30 = 1.775 | 4 = 14.198 | 113.586 | 1.136 |
| 5 | = 0.296 | 35 = 2.071 | 5 = 17.748 | 141.983 | 1.420 |
| 6 | = 0.355 | 40 = 2.366 | 6 = 21.297 | 170.380 | 1.704 |
| 7 | = 0.414 | 45 = 2.662 | 7 = 24.847 | 198.776 | 1.988 |
| 8 | = 0.473 | 50 = 2.958 | 8 = 28.397 | 227.173 | 2.272 |
| 9 | = 0.532 | 55 = 3.254 | 9 = 31.946 | 255.570 | 2.556 |
| 10 | = 0.592 | 60 = 3.550 | 10 = 35.496 | 283.966 | 2.840 |

Useful Data.

- 1 Minim is the measure of 0.91146 grains of water.
- 1 Fluid drachm = 54.6875 " "
- 1 Fluid ounce = 437.5 " " = 1 ounce avoirdupois.
- 1 Pint = 1.25 lb or 87.50 " " = 34.6923 cubic inches.
- 1 Gallon = 10 lb or 70,000 " " = 277.27384 " "
- Cubic feet x 6.2321 = gallons.
- Gallons x .16046 = cubic feet.
- Litres x .220 = gallons.
- 1 Cubic inch of distilled water at 62° F., Bar. 30 ins. = 55.458 grains = .0361 lb = 16.386176 cubic cent.
- 1 Cubic foot of water = 62.361 lb = 6.2321 gallons = 28.31531 litres.
- 1 Ton of water = 35.9 cubic feet.

Capacity (Fluid).

to British.

weight of 1,000 grammes of pure water, at a temperature of 4° C. (39.2° F.).

| Pints. 366993 Cub. Ins. | Gallons. 277.27384 Cub. Ins. | Gallons. | Pints. | Fl. Oz. | Fl. Drachms. | Minims. |
|----------------------------|---------------------------------|----------|--------|---------|--------------|---------|
| = 0'00176 | 0'00022 | = 0 | 0 | 0 | 0 | 16'9034 |
| = 0'01761 | 0'00230 | = 0 | 0 | 0 | 2 | 49'03 |
| = 0'17608 | 0'02301 | = 0 | 0 | 3 | 4 | 10'34 |
| = 1'76077 | 0'23010 | = 0 | 1 | 15 | 1 | 43'43 |
| = 17'60773 | 2'30097 | = 2 | 1 | 12 | 1 | 13'44 |
| = 176'07734 | 23'00967 | = 23 | 0 | 1 | 4 | 22'47 |
| = 1,760'77344 | 230'09668 | = 230 | 0 | 15 | 3 | 44'56 |
| = 17,607'7344 | 2,300'96677 | = 2,300 | 7 | 14 | 5 | 28'94 |

176077 pints or 0'23009668 gallon. More accurate determination shows that the correct equivalent is 1761954 pints, or the Millilitre = 281913 fluid drachms = 1691476 minims. The practical difference is trifling.

FLIERS.

| Fl. Ounces. | Litres. to Pints. | Gallons. | Quarts. to Gallons. | Decalitres to Gallons. | Kilolitres to Gallons. |
|-------------|-------------------------|----------|---------------------------|------------------------------|------------------------------|
| 35'215 | 1'761 | 0'230 | 8'804 | 2'201 | 230'097 |
| 70'431 | 3'522 | 0'440 | 17'608 | 4'402 | 440'193 |
| 105'646 | 5'282 | 0'660 | 26'412 | 6'603 | 660'290 |
| 140'862 | 7'043 | 0'880 | 35'215 | 8'804 | 880'387 |
| 176'077 | 8'804 | 1'100 | 44'019 | 11'005 | 1,100'483 |
| 211'293 | 10'565 | 1'321 | 52'823 | 13'206 | 1,320'580 |
| 246'508 | 12'325 | 1'541 | 61'627 | 15'407 | 1,540'677 |
| 281'724 | 14'086 | 1'761 | 70'431 | 17'608 | 1,760'773 |
| 316'939 | 15'847 | 1'981 | 79'235 | 19'809 | 1,980'870 |
| 352'155 | 17'608 | 2'201 | 88'039 | 22'010 | 2,200'967 |

to Metric.

| Decilitres. | Litres. | Decalitres. | Kilolitres. |
|-------------|---------|-------------|-------------|
| 0'00059 | 0'00006 | 0'00001 | ... |
| 0'03559 | 0'00355 | 0'00035 | ... |
| 0'28397 | 0'02840 | 0'00284 | 0'000028 |
| 5'67932 | 0'56793 | 0'05679 | 0'000568 |
| 11'35864 | 1'13586 | 0'11359 | 0'001136 |
| 45'43458 | 4'54346 | 0'45435 | 0'004543 |

Litre. 1 fluid ounce = 28'377 C. C. 1 fluid drachm = 3'547 C. C. 1 minim = 0'05911 C. C.

FLIERS.

| Millilitres. | Pints to Decilitres. | Litres. | Quarts to Litres. | Gallons to Litres. |
|--------------|----------------------------|---------|-------------------------|--------------------------|
| 567'923 | 5'679 | 0'568 | 1'136 | 4'543 |
| 1,135'864 | 11'359 | 1'136 | 2'272 | 9'087 |
| 1,703'797 | 17'038 | 1'704 | 3'408 | 13'630 |
| 2,271'729 | 22'717 | 2'272 | 4'544 | 18'174 |
| 2,839'661 | 28'397 | 2'840 | 5'679 | 22'717 |
| 3,407'593 | 34'076 | 3'408 | 6'815 | 27'261 |
| 3,975'526 | 39'755 | 3'976 | 7'951 | 31'804 |
| 4,543'458 | 45'435 | 4'543 | 9'087 | 36'348 |
| 5,111'390 | 51'114 | 5'111 | 10'223 | 40'891 |
| 5,679'322 | 56'793 | 5'679 | 11'359 | 45'435 |

Approximate values.

- 1 Millilitre or cubic centimetre is 17 minims nearly.
- 1 Centilitre is about 2 drachms 49 minims.
- 1 Decilitre is about 3½ ounces.
- 1 Litre is about 35½ fluid ounces, or rather more than 1½ pint.
- 1 Kilolitre or cubic metre holds nearly one ton of water 62° F.
- 1 Fluid drachm is rather more than 3½ cubic centimetres (1½% more).
- 1 Fluid ounce is about 28½ cubic centimetres.
- 1 Pint is about 568 cubic centimetres.
- 1 Quart is rather more than 1½ litres.
- 1 Gallon is about 4½ litres (1% more).

IV.—Cubic

The unit of Metric Measurement is the STERE, or CUBIC METRE, weighing Metric to

| | | Cubic Metre. |
|---------------------------|-----------------------|--------------|
| Cubic Millimetre | | = 0.000001 |
| Cubic Centimetre | = 1,000 Cubic millim. | = 0.001 |
| Millistere (cubic declm.) | = 1,000 " centim. | = 0.001 |
| Centistere | = 10 " declm. | = 0.01 |
| Decistere | = 100 " " | = 0.1 |
| STERE (cubic metre) | = 1,000 " " | = 1 |
| Decastere | 10 " metres. | = 10 |
| Hectostere | 100 " " | = 100 |

NOTE.—The Stere is more generally used for measuring timber, wood-work, or firewood.

| | Cubic Centimetres to Cubic Inches, | Cubic Inches, to | Cubic Decimetres to | Cubic Feet. | MULTI |
|----|--|---------------------|------------------------|-------------|-------|
| 1 | 0.061 | 61.027 | | 0.035 | |
| | 0.122 | 122.054 | | 0.071 | |
| 3 | 0.183 | 183.081 | | 0.106 | |
| 4 | 0.244 | 244.108 | | 0.141 | |
| 5 | 0.305 | 305.135 | | 0.177 | |
| 6 | 0.366 | 366.162 | | 0.212 | |
| 7 | 0.427 | 427.189 | | 0.247 | |
| | 0.488 | 488.216 | | 0.283 | |
| 9 | 0.549 | 549.243 | | 0.318 | |
| 10 | 0.610 | 610.271 | | 0.353 | |

| | Cubic Inches, | Cubic Feet. | Cubic Yards, | British to |
|------------|---------------|-------------|--------------|------------|
| Cubic inch | = 1 | = 0.0005787 | 0.00003543 | |
| Cubic foot | = 1,728 | = 1.00 | 0.03704 | |
| Cubic yard | = 46,656 | = 27.00 | 1.00 | |

| | Cubic Inches to Cubic Centimetres. | Cubic Decimetres, to | Cubic Feet to | Cubic Metres. | MULTI |
|----|--|-------------------------|------------------|---------------|-------|
| 1 | 16.386 | 28.315 | | 0.028 | |
| 2 | 32.772 | 56.631 | | 0.057 | |
| 3 | 49.159 | 84.946 | | 0.085 | |
| 4 | 65.545 | 113.261 | | 0.113 | |
| 5 | 81.931 | 141.577 | | 0.142 | |
| | 98.317 | 169.892 | | 0.170 | |
| 7 | 114.703 | 198.207 | | 0.198 | |
| 8 | 131.089 | 226.522 | | 0.227 | |
| 9 | 147.475 | 254.838 | | 0.255 | |
| 10 | 163.862 | 283.153 | | 0.283 | |

Approximate

- 1 cubic metre is nearly 1 $\frac{1}{4}$ cubic yard (2 $\frac{1}{4}$ % less).
- 1 " " is nearly 35 $\frac{1}{2}$ cubic feet (0.5 % less).
- 10 cubic metres equal 13 cubic yards.
- 1 cubic yard is about $\frac{1}{27}$ cubic metre (2 % more).
- 1 cubic foot is about 28 $\frac{1}{2}$ cubic decimetres (0.18 less).

NOTE.—To reduce cubic metres to cubic decimetres or cubic centimetres, which are all multiples of 1,000, the decimal to convert cubic metres into cubic decimetres or cubic hectometres the decimal point is removed 3 places at a time to the

Measures.

1 Millier, or 1,000 Kilogrammes, of pure water, at 4° C. (39.2° F.).

British.

| Cubic Inches. | Cubic Feet. | Cubic Yards. |
|---------------|-------------|--------------|
| 0'000061 | 0'000003 | ..... |
| 0'061027 | 0'000353 | 0'000001 |
| 61'027052 | 0'035317 | 0'001308 |
| 610'270515 | 0'353166 | 0'0133080 |
| 6102'705152 | 3'531658 | 0'130802 |
| 61027'051519 | 35'316581 | 1'308022 |
| 610270'315194 | 353'165807 | 13'080215 |
| ..... | 3531'658074 | 130'802151 |

The Centistere, Decistere, Decastere, and Hectostere are not cubic measures but only measures of volume.

PLIERS.

| Cubic Feet. | Cubic Metres to | Cubic Yards. | |
|-------------|--------------------|--------------|----|
| 35'317 | | 1'308 | 1 |
| 70'633 | | 2'616 | 2 |
| 105'950 | | 3'924 | 3 |
| 141'266 | | 5'232 | 4 |
| 176'583 | | 6'540 | 5 |
| 211'899 | | 7'848 | 6 |
| 247'216 | | 9'156 | 7 |
| 282'533 | | 10'464 | 8 |
| 317'849 | | 11'772 | 9 |
| 353'166 | | 13'080 | 10 |

Metric.

| Cubic Centimetres. | Cubic Decimetres. | Cubic Metres. |
|--------------------|-------------------|---------------|
| = 16'386176 | 0'016386 | 0'000016 |
| = 28315'311931 | 28'315322 | 0'028315 |
| = 764513'422137 | 764'513422 | 0'764513 |

PLIERS.

| Cubic Decimetres. | Cubic Yards to | Cubic Metres. | |
|-------------------|-------------------|---------------|----|
| 764'513 | | 0'765 | 1 |
| 1529'027 | | 1'529 | 2 |
| 2293'540 | | 2'294 | 3 |
| 3058'054 | | 3'058 | 4 |
| 3822'567 | | 3'823 | 5 |
| 4587'080 | | 4'587 | 6 |
| 5351'594 | | 5'352 | 7 |
| 6116'107 | | 6'116 | 8 |
| 6880'621 | | 6'881 | 9 |
| 7645'134 | | 7'645 | 10 |

Values.

- 1 cubic inch is about 16½ cubic centimetres (0.14 less).
- 1 cubic metre is the cube of nearly 39½ inches (123.9 cubic inches less).
- 1 cubic decimetre is the cube of nearly 4 inches (3 cubic inches less).
- 1 cubic centimetre is the cube of nearly ¼ inch (0.0097 cubic inches less).
- 1 cubic millimetre is the cube of nearly ¼ inch (0.00003 cubic inches less).

point must be removed 3 places at a time to the right, instead of one, as the denomination would seem to imply. Similarly left.

V.—Square

The Unit of Metric Measurement for Land Measure

| | Sq. Metre. | Sq. centim. | Sq. Inches. | Sq. Feet. |
|---------------------------|---------------------|------------------------|---------------|--------------|
| Square Millimetre | $\frac{1}{1000000}$ | $\frac{1}{100}$ | 0'00155 | 0'0001 |
| Square Centimetre | $\frac{1}{10000}$ | $\frac{1}{100}$ decim. | 0'15591 | 0'0016 |
| Square Decimetre | $\frac{1}{100}$ | " " | 15'50039 | 0'16764 |
| Square Metre, or Centiare | 1 | " " | 1,550'05911 | 167'6436 |
| ARE | 100 Sq. Metres. | " " | 155,005'91032 | 1,676'4363 |
| Hectare | 10,000 " " | " " | ... | 167,643'6361 |

MULTI

| | Square Millims. to | Square Centimetres to | Square Decimetres to | Sq. Yards |
|----|--------------------|-----------------------|-----------------------|-----------|
| | Sq. Inches. | Sq. Inches. Sq. Feet. | Sq. Inches. Sq. Feet. | |
| 1 | 0'002 | 0'155 0'001 | 15'501 0'108 | 0'011 |
| 2 | 0'003 | 0'310 0'002 | 31'001 0'215 | 0'022 |
| 3 | 0'005 | 0'465 0'003 | 46'502 0'323 | 0'036 |
| 4 | 0'006 | 0'620 0'004 | 62'003 0'431 | 0'048 |
| 5 | 0'008 | 0'775 0'005 | 77'503 0'538 | 0'060 |
| 6 | 0'009 | 0'930 0'006 | 93'004 0'646 | 0'071 |
| 7 | 0'011 | 1'085 0'008 | 108'504 0'753 | 0'084 |
| 8 | 0'012 | 1'240 0'009 | 124'005 0'861 | 0'096 |
| 9 | 0'014 | 1'395 0'010 | 139'505 0'969 | 0'108 |
| 10 | 0'016 | 1'550 0'011 | 155'006 1'076 | 0'120 |

British

| | Square Millimetres. | Square Centimetres. |
|-------------|---------------------|---------------------|
| Square Inch | 645'1369 | 6'45137 |
| " Foot | ... | 928'9983 |
| " Yard | ... | 8,360'9719 |
| " Perch | ... | ... |
| Rood | ... | ... |
| Acre | ... | ... |
| Square Mile | ... | ... |

MULTI

| | Square Inches to | Square Feet to | Square Yards to |
|----|---------------------------|--------------------------------------|-------------------------|
| | Sq. Millims. Sq. Centims. | Sq. Centims. Sq. Decims. Sq. Metres. | Sq. Decims. Sq. Metres. |
| 1 | 645'137 6'451 | 928'997 9'2900 0'093 | 83'610 0'8361 |
| 2 | 1290'273 12'903 | 1,857'994 18'5799 0'186 | 167'219 1'6722 |
| 3 | 1935'410 19'354 | 2,786'990 27'8699 0'279 | 250'829 2'5083 |
| 4 | 2580'547 25'805 | 3,715'987 37'1599 0'372 | 334'439 3'3444 |
| 5 | 3225'683 32'257 | 4,644'984 46'4498 0'464 | 418'049 4'1805 |
| 6 | 3870'820 38'708 | 5,573'981 55'7398 0'557 | 501'658 5'0166 |
| 7 | 4515'957 45'160 | 6,502'978 65'0298 0'650 | 585'268 5'8527 |
| 8 | 5161'094 51'611 | 7,431'975 74'3197 0'743 | 668'878 6'6888 |
| 9 | 5806'230 58'062 | 8,360'971 83'6097 0'836 | 752'487 7'5249 |
| 10 | 6451'367 64'514 | 9,289'968 92'8997 0'929 | 836'097 8'3610 |

Approximate

One square millimetre is nearly $\frac{1}{177}$ of a square inch, or the square of $\frac{1}{13}$ of an inch.
 One square centimetre is nearly $\frac{1}{625}$ of a square inch, or the square of $\frac{1}{25}$ of an inch.
 One square metre contains rather more than 10 $\frac{1}{2}$ square feet, or nearly 1 $\frac{1}{4}$ square yards.
 One are is about $\frac{1}{4}$ of an acre.
 One hectare contains nearly 2 $\frac{1}{4}$ acres.



Measure.

British.

is the ARE = 100 square Metres or a square Decametre.

| Sq. Yards. | Sq. Perches. | Roods. | A. |
|-------------|--------------|---------|---------|
| ... | ... | ... | ... |
| 0'00012 | ... | ... | ... |
| 0'01196 | 0'00040 | 0'00001 | ... |
| 1'19603 | 0'03954 | 0'00099 | 0'00025 |
| 119'60333 | 3'95383 | 0'09885 | 0'02471 |
| 11,960'3266 | 395'38290 | 9'88457 | 2'47114 |

PLIERS.

| Sq. Metres to | | Ares to | | | Hectares to | | | |
|------------------|----------|------------|----------|--------|----------------|--------|--------|----|
| Sq. Feet. | Sq. Yds. | Sq. Yds. | Perches. | Roods. | Acres. | Roods. | Acres. | |
| 10'764 | 1'196 | 119'603 | 3'954 | 0'099 | 0'025 | 9'885 | 2'471 | 1 |
| 21'529 | 2'392 | 239'207 | 7'908 | 0'198 | 0'049 | 19'769 | 4'942 | 2 |
| 32'293 | 3'588 | 358'810 | 11'861 | 0'297 | 0'074 | 29'654 | 7'413 | 3 |
| 43'057 | 4'784 | 478'413 | 15'815 | 0'395 | 0'099 | 39'538 | 9'885 | 4 |
| 53'821 | 5'980 | 598'017 | 19'769 | 0'494 | 0'124 | 49'423 | 12'356 | 5 |
| 64'586 | 7'176 | 717'620 | 23'723 | 0'593 | 0'148 | 59'307 | 14'827 | 6 |
| 75'350 | 8'372 | 837'223 | 27'677 | 0'692 | 0'173 | 69'192 | 17'298 | 7 |
| 86'114 | 9'568 | 956'827 | 31'631 | 0'791 | 0'198 | 79'077 | 19'769 | 8 |
| 96'879 | 10'764 | 1,076'430 | 35'584 | 0'890 | 0'222 | 88'961 | 22'240 | 9 |
| 107'643 | 11'960 | 1,196'033 | 39'538 | 0'988 | 0'247 | 98'846 | 24'711 | 10 |

to Metric.

| Sq. Decimetres. | Sq. Metres. | Ares. | Hectares. |
|-----------------|-------------|--------------|-----------|
| 0'00451 | 0'00005 | 0'00001 | ... |
| 9'28997 | 0'09290 | 0'00093 | 0'00001 |
| 83'6971 | 0'83610 | 0'00836 | 0'00008 |
| 3,529'19388 | 1,25'29194 | 0'25292 | 0'00353 |
| ... | 1,011'67755 | 20'11678 | 0'10117 |
| ... | 4,046'71021 | 40'46710 | 0'40467 |
| ... | ... | 25,898'94531 | 258'98945 |

PLIERS.

| Sq. Perches to | | Rood to | Ares to | | Square Miles to | |
|-------------------|-------|------------|------------|-----------|--------------------|----|
| Sq. Metres. | Ares. | Ares. | Ares. | Hectares. | Hectares. | |
| 25'922 | 0'253 | 10'117 | 40'467 | 0'405 | 258'989 | 1 |
| 50'844 | 0'506 | 20'234 | 80'934 | 0'809 | 517'979 | 2 |
| 75'766 | 0'759 | 30'350 | 121'401 | 1'214 | 776'968 | 3 |
| 101'168 | 1'012 | 40'467 | 161'868 | 1'619 | 1,035'958 | 4 |
| 126'460 | 1'265 | 50'584 | 202'336 | 2'023 | 1,294'947 | 5 |
| 151'752 | 1'518 | 60'701 | 242'803 | 2'428 | 1,553'937 | 6 |
| 177'044 | 1'770 | 70'817 | 283'270 | 2'833 | 1,812'926 | 7 |
| 202'336 | 2'023 | 80'934 | 323'737 | 3'237 | 2,071'916 | 8 |
| 227'627 | 2'276 | 91'051 | 364'204 | 3'642 | 2,330'905 | 9 |
| 252'919 | 2'529 | 101'168 | 404'671 | 4'047 | 2,589'895 | 10 |

Values.

One square inch contains about 645 square millimetres or $\frac{61}{16}$ square centimetres.
 One square foot contains nearly $\frac{91}{16}$ square decimetres or $\frac{1}{11}$ of a square metre.
 One square yard is nearly $\frac{3}{4}$ or $\frac{11}{14}$ of a square metre.
 1 Acre is nearly 40 $\frac{1}{2}$ ares or $\frac{1}{4}$ of a hectare.
 1 Square mile is very nearly 259 hectares.

VI.—Conversion of British

British India

The unit of British Indian Weight

| | | | Milligrammes. | Centigrammes. |
|-------------|------------|---------------------------------|----------------|---------------|
| Dhan | = 17½ Tola | = 1½ Grain | = 30'3748 | 3'03748 |
| Rati | = 17½ " | = 1½ Grains | = 121'49803 | 12'14980 |
| Masha | = 17½ " | = 15 " | = 971'9826 | 97'19826 |
| Tola | = 1 " | = 180 " | = 11663'81107 | 1166'38111 |
| Chhatak | = 5 Tolas | = 900 " | = 58319'05533 | 5831'90553 |
| Ser (Seer) | = 80 " | = 2½ lbs avo. Grains avoiv. | = 933104'88524 | 93310'48852 |
| Man (Maund) | = 3,200 " | = 82½ lbs avoiv. 100lbs. Troy = | | 3732419'50956 |

Under Bengal Regulation VII of 1833, the only legalised British Indian weights are the Tola, of 180 grains Troy; and their values vary considerably in different parts of India; those stated in the table are given by Prinsep (*Useful Table*,

| | Dhans | | Ratis | | Mashas | | Tolas | | MULTI |
|----|------------------|------------------|------------------|-------------|-------------|-----------------|-----------------|--|-------|
| | to Milligrammes. | to Milligrammes. | to Milligrammes. | to Grammes. | to Grammes. | to Decigrammes. | to Kilogrammes. | | |
| 1 | = 30'375 | 121'498 | 971'984 | 0'972 | 11'664 | 1'166 | 0'011 | | |
| 2 | = 60'749 | 242'996 | 1943'969 | 1'944 | 23'328 | 2'333 | 0'022 | | |
| 3 | = 91'124 | 364'494 | 2915'953 | 2'916 | 34'991 | 3'499 | 0'033 | | |
| 4 | = 121'498 | 485'992 | 3887'937 | 3'888 | 46'655 | 4'666 | 0'044 | | |
| 5 | = 151'873 | 607'490 | 4859'921 | 4'860 | 58'319 | 5'832 | 0'055 | | |
| 6 | = 182'247 | 728'988 | 5831'906 | 5'832 | 69'983 | 6'998 | 0'070 | | |
| 7 | = 212'622 | 850'486 | 6803'890 | 6'804 | 81'647 | 8'165 | 0'082 | | |
| 8 | = 242'996 | 971'984 | 7775'874 | 7'776 | 93'310 | 9'331 | 0'093 | | |
| 9 | = 273'371 | 1093'482 | 8747'858 | 8'748 | 104'974 | 10'497 | 0'105 | | |
| 10 | = 303'745 | 1214'980 | 9719'843 | 9'720 | 116'638 | 11'664 | 0'117 | | |

| | Dhans. | Ratis. | Mashas. |
|------------------|---------------|------------|--------------|
| Milligramme | = 0'03292 | 0'00823 | 0'00003 |
| Centigramme | = 0'32922 | 0'08231 | 0'01020 |
| Decigramme | = 3'29223 | 0'82306 | 0'10282 |
| Gramme | = 32'92234 | 8'23059 | 1'02821 |
| Decagramme | = 329'22344 | 82'30586 | 10'28223 |
| Hectogramme | = 3292'23440 | 823'05860 | 102'82232 |
| Kilogramme | = 32922'34398 | 8230'58599 | 1028'22325 |
| Myriagramme | = ..... | ..... | 10282'23249 |
| Quintal | = ..... | ..... | 102822'32493 |
| Millier or Tonne | = ..... | ..... | ..... |

MULTI

| | Grammes | | | | | |
|----|---------|--------|---------|--------|-----------|--------|
| | Dhans. | Ratis. | Mashas. | Tolas. | Chhataks. | Ser. |
| 1 | 32'922 | 8'231 | 1'029 | 0'086 | 0'017 | 0'0011 |
| 2 | 65'845 | 16'462 | 2'058 | 0'171 | 0'034 | 0'0021 |
| 3 | 98'767 | 24'692 | 3'086 | 0'257 | 0'051 | 0'0032 |
| 4 | 131'689 | 32'922 | 4'115 | 0'343 | 0'069 | 0'0043 |
| 5 | 164'612 | 41'153 | 5'144 | 0'429 | 0'086 | 0'0054 |
| 6 | 197'534 | 49'384 | 6'173 | 0'514 | 0'103 | 0'0064 |
| 7 | 230'456 | 57'614 | 7'202 | 0'600 | 0'120 | 0'0075 |
| 8 | 263'379 | 65'845 | 8'231 | 0'686 | 0'137 | 0'0086 |
| 9 | 296'301 | 74'075 | 9'259 | 0'772 | 0'154 | 0'0096 |
| 10 | 329'223 | 82'306 | 10'288 | 0'857 | 0'171 | 0'0107 |

Approximate Equivalents.

- 1 Rati is nearly 1½ decigrammes (about '035 less).
- 1 Masha is nearly 1 gramme (about '038 less).
- 1 Tola is nearly 1½ grammes (about '003 less).
- 1 Ser is nearly 1 kilogramme (about '007 less).
- 1 Man is nearly 3½ myriagrammes (about '018 less).
- " " 37½ kilogrammes (about '009 less).
- 1 Decigramme is nearly 17 of a tola, or 3½ dhans (about '04 less).
- 1 Gramme is nearly 1 masha or 17 of a tola (about '039 more).
- 1 Decagramme is about 17 of a tola (about '007 more).
- 1 Hectogramme is about 8½ tolas (about '074 more) or nearly 1½ chhataks (about '035 less).
- 1 Kilogramme is nearly 85½ tolas (about '015 less) or about 1 ser (about '072 more).
- 1 Quintal is about 2½ mans (about '0125 more).
- 1 Millier or Tonne is nearly 26½ mans (about '008 less).

Indian and Metric Weights.

to Metric.

is the TOLA, equal to 180 Grains.

| Decigrammes. | Grammes. | Decogrammes. | Hectogrammes. | Kilogrammes. | Myriagrammes. |
|--------------|-------------|--------------|---------------|--------------|---------------|
| 0'30375 | 0'03037 | 0'00304 | 0'00030 | 0'00003 | ..... |
| 1'31498 | 0'13150 | 0'01215 | 0'00121 | 0'00012 | 0'00001 |
| 9'71984 | 0'97198 | 0'09720 | 0'00978 | 0'00097 | 0'00010 |
| 116'63811 | 11'66381 | 1'16638 | 0'11664 | 0'01166 | 0'00117 |
| 583'19025 | 58'31906 | 5'83191 | 0'58319 | 0'05832 | 0'00583 |
| 9331'04885 | 923'10489 | 93'31049 | 9'33105 | 0'93310 | 0'09331 |
| 373241'95410 | 37324'19541 | 3732'41954 | 373'24195 | 37'32420 | 3'73243 |

5r equal to 80 Tolas and the Man equal to 40 Sers. Maahas, Ratts and Dhans are used by native goldsmiths and jewellers, p. 96). There is also a weight called Fanseri equal to 5 sers.

| OHHATAKS | | SERS | | MANS | | |
|----------|--------------|----------|--------------|----------|--------------|----|
| Grammes. | Kilogrammes. | Grammes. | Kilogrammes. | Grammes. | Kilogrammes. | |
| 58'319 | 0'058 | 933'105 | 0'933 | 37'324 | | 1 |
| 116'638 | 0'117 | 1866'210 | 1'866 | 74'648 | | 2 |
| 174'957 | 0'175 | 2799'315 | 2'799 | 111'973 | | 3 |
| 213'276 | 0'213 | 3732'420 | 3'732 | 149'297 | | 4 |
| 261'595 | 0'262 | 4665'524 | 4'666 | 186'621 | | 5 |
| 319'914 | 0'319 | 5598'629 | 5'599 | 223'945 | | 6 |
| 408'233 | 0'408 | 6531'734 | 6'532 | 261'269 | | 7 |
| 466'552 | 0'467 | 7464'839 | 7'465 | 298'594 | | 8 |
| 524'871 | 0'525 | 8397'944 | 8'398 | 335'918 | | 9 |
| 583'191 | 0'583 | 9331'049 | 9'331 | 373'242 | | 10 |

British Indian.

| Tolas. | Ohhataks. | Sers. | Mans. |
|-------------|-------------|------------|----------|
| 0'00009 | 0'00002 | ..... | ..... |
| 0'00086 | 0'00017 | 0'00001 | ..... |
| 0'00857 | 0'00171 | 0'00011 | ..... |
| 0'08374 | 0'01715 | 0'00107 | 0'00003 |
| 0'85735 | 0'17147 | 0'01072 | 0'00017 |
| 8'57353 | 1'71471 | 0'10717 | 0'00268 |
| 85'73527 | 17'14703 | 1'07169 | 0'02679 |
| 857'35271 | 171'47054 | 10'71691 | 0'26792 |
| 8573'52708 | 1714'70542 | 107'16909 | 2'67923 |
| 85735'27078 | 17147'05416 | 1071'69088 | 26'79227 |

| Kilogrammes | | Quintals | |
|-------------|-----------|----------|----------|
| Tolas. | Ohhataks. | Sers. | Mans. |
| 85'735 | 17'147 | 1'0717 | 0'0268 |
| 171'471 | 34'294 | 2'1434 | 0'0536 |
| 257'206 | 51'441 | 3'2151 | 0'0804 |
| 343'941 | 68'588 | 4'2868 | 0'1072 |
| 429'676 | 85'735 | 5'3585 | 0'1340 |
| 514'412 | 102'882 | 6'4301 | 0'1608 |
| 600'147 | 120'029 | 7'5018 | 0'1875 |
| 685'882 | 137'176 | 8'5735 | 0'2143 |
| 771'617 | 154'323 | 9'6452 | 0'2411 |
| 857'353 | 171'471 | 10'7169 | 0'2679 |
| | | | 2'67923 |
| | | | 26'79227 |

Fractions of a Tola to Milligrammes.

| | |
|-----|-------------|
| 1/2 | = 72'8'988- |
| 1/3 | = 1457'076 |
| 1/4 | = 2915'953 |
| 1/5 | = 3687'937 |

| | |
|-----|------------|
| 1/6 | = 4373'939 |
| 1/7 | = 5831'906 |
| 1/8 | = 7775'874 |
| 1/9 | = 8747'858 |

Useful Data.

- 1 Man is equal to 100 lb Troy.
- 35 Sers are equal to 72 lb Avoirdupois.
- 1 Pound Troy is equal to 32 Tolas.
- 1 Ounce Troy is equal to 2'67 Tolas.
- 1/2 Ounce Avoirdupois (the unit for English letter postage) = 1'215 Tolas.
- 1/8 Grammes (the unit for foreign letter postage) = 1'285 Tolas or about 1/2 Tolas.

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JOURNAL

OF THE

ASIATIC SOCIETY OF BENGAL.

Part II.—NATURAL SCIENCE.

SUPPLEMENT.—1890.

- 1 — *Catalogue of the Insecta of the Oriental Region. No. 2. Order Coleoptera, Family Carabidæ.*—By E. T. ATKINSON, B. A.

DR. HORN writes that the *Carabidæ* form one of the members of the Adephagous series of Coleoptera, which 'is readily recognized by the predaceous character of its mouth parts, its slender antennæ (except in the *Gyrinidæ*), pentamerous tarsi, and the structure of the first abdominal segment, which is in all cases divided or hidden by the posterior coxæ in such a manner that it is entirely lateral, rarely appearing as a small triangular piece between the posterior coxæ.'

The classification of the *Carabidæ* is still unsettled, and, notwithstanding the very great attention paid to this group, there is no generally recognized arrangement that can be followed for the species of the Oriental Region. The number of groups, their extent, relative position and nomenclature, still leave much to be desired. Leconte, † writing in 1862, remarked:—'Numerous efforts have been made to indicate rational distribution of the genera, and the attempts commenced by Latreille and Bonelli, and successively improved by the suggestions of Dejean, Erichson, Schiöde, Lacordaire, and myself, have finally, in the expert hands of Schaum, * assumed a form in which probably permanent results have been obtained.'

† 'Classification of the Coleoptera of North America,' in Smithsonian Miscellaneous Collections, 1862.

* Naturg. Ins. Deutschl. 1860, and 'Das system der Carabicoinea,' in Berlin. Ent. Zeits., iv, 1860, p. 161.

Following the suggestions of the later authors, Leconte divided the whole family into three sub-families, formed thus:—

Middle coxæ distant;

Epimera of the mesonotum reaching the coxæ ... 1. CARABIDÆ.

Epimera of the mesonotum not reaching the coxæ ... 3. HARPALIDÆ.

Middle coxæ contiguous 2. OZENIDÆ.

In the *Carabidæ*, he placed the tribes *Omophronini*, *Hiletini*, *Carabini*, and *Scaritini*. To the second sub-family he attached the *Ozenini* and *Pseudomorphini*, and all the rest to the third sub-family. Leconte, writing of the Coleoptera of North America, did not indicate the position of the extra-American genera.

In 1880, † Kölbe, starting with the hypothesis that the land-beetles are later than the water-beetles, and that the points common to both are of primary value in classification, divided the family 'Carnivora' into six sections, which are further subdivided into groups. His arrangement, however, does not help us, and the placing of the family *Cicindelidæ* as a simple subsection of one of his groups does not appear to be correct.

In 1881, Dr. G. H. Horn, ‡ reviewed the genera of the *Carabidæ* of North America, and, in doing so, gave the following arrangement of the Adephagous families, which is followed in the present catalogue:—

I. Metasternum with an ante-coxal piece, separated by a well-marked suture, reaching from one side to the other, and extending in a triangular process between the coxæ.

Antennæ 11-jointed: posterior coxæ mobile and simple; habits terrestrial.

Antennæ inserted on the front above the base of the mandibles:

Cicindelidæ.

Antennæ arising at the side of the head, between the mandibles and the eyes:

Carabidæ.

Antennæ 10-jointed: posterior coxæ fixed, and with large plates almost entirely concealing the abdomen: habits aquatic:

Haliplidæ.

II. Metasternum with a very short ante-coxal piece, the suture indistinct, posteriorly not prolonged between the coxæ: habits aquatic: legs ambulatorial: anterior coxæ globular:

Amphizoidæ.

Legs natatorial: anterior coxæ conical:

Pelobiidæ.

† *Natürliches System der Carnivoren Coleoptera*, in *Deutsche Ent. Zeita.*, xxiv, 1880, p. 258.

‡ 'On the genera of the *Carabidæ*, with special reference to the fauna of Boreal America,' in *Trans. Amer. Ent. Soc.*, 1880, p. 91-196.

III. *Metasternum* prolonged behind in a triangular process, the ante-coxal piece entirely wanting : habits aquatic.

Antennæ slender, filiform or setaceous, abdomen with six segments : eyes two : *Dytiscidæ.*

Antennæ irregular, very short : abdomen with seven segments of which the first two are closely united : eyes four : *Gyrinidæ.*

The *Carabidæ* are divided into three sub-families :—

Middle coxal cavities not entirely enclosed by the sterna, the epimeron of the mesosternum attaining the coxæ : *Carabinae.*

Middle coxal cavities entirely enclosed by the sterna, the epimeron of the mesosternum not attaining the coxæ.

Head without antennal grooves beneath and with distinct super-orbital setæ : ambulatorial setæ of abdomen usually well developed. *Harpalinae.*

Head with distinct, usually long, antennal grooves beneath, and without distinct super-orbital setæ : ambulatorial setæ of the abdomen feeble or wanting. *Pseudomorphinae.*

The *Harpalinae* are further subdivided into two sections, the first in which the head has two super-orbital setigerous punctures, the second in which there is but one. The groups included in the subfamilies are as follows :—

| | | | |
|--------------------------|-----------------------------|----------------------------|----------------------------|
| <i>Carabinae.</i> | 13. <i>Promecognathini.</i> | 25. <i>Licinini.</i> | 38. <i>Cratocerini.</i> |
| 1. <i>Omophronini.</i> | 14. <i>Enocladini.</i> | 26. <i>Platynini.</i> | 39. <i>Orthogonini.</i> |
| 2. <i>Trachypachini.</i> | 15. <i>Scaritini.</i> | 27. <i>Anohoderini.</i> | <i>Harpalinae</i> II |
| 3. <i>Cychni.</i> | <i>Harpalinae</i> I. | 28. <i>Clonodaotylini.</i> | 40. <i>Brachynini.</i> |
| 4. <i>Carabini.</i> | 16. <i>Pthagocini.</i> | 29. <i>Odacanthini.</i> | 41. <i>Apotomini.</i> |
| 5. <i>Pambocriini.</i> | 17. <i>Siagonini.</i> | 30. <i>Dryptini.</i> | 42. <i>Broscini.</i> |
| 6. <i>Hiletini.</i> | 18. <i>Ozæniini.</i> | 31. <i>Mormolycini.</i> | 43. <i>Zaotini.</i> |
| 7. <i>Elaphrini.</i> | 19. <i>Nomisini.</i> | 32. <i>Agrini.</i> | 44. <i>Poleotini.</i> |
| 8. <i>Loricerini.</i> | 20. <i>Psydriini.</i> | 33. <i>Egini.</i> | 45. <i>Chlæniini.</i> |
| 9. <i>Nebriini.</i> | 21. <i>Morionini.</i> | 34. <i>Lebiini.</i> | 46. <i>Zabrinini.</i> |
| 10. <i>Migadopini.</i> | 22. <i>Bembidiini.</i> | 35. <i>Helluonini.</i> | 47. <i>Harpalini.</i> |
| 11. <i>Mitriini.</i> | 23. <i>Pogonini.</i> | 36. <i>Graphipterini.</i> | 48. <i>Pseudomorphinae</i> |
| 12. <i>Mystropomini.</i> | 24. <i>Pterostichini.</i> | 37. <i>Anthiini.</i> | |

Several of these groups are further subdivided, but these details need not be noticed here.

M. Borté writes of this arrangement :—' *Beaucoup des genres prennent ainsi des places bien différentes de celles où nous sommes accoutumés de les voir ; déjà, dans l'arrangement des tribus, nous avons pu voir que des affinités consacrées par un usage pour ainsi dire général, sont tout à fait brisées, et je dois dire avec justice, car tous ceux qui ont approfondi un peu la matière le savent, il n'y avait dans notre classification que trop de traces de cette mesquine étude que l'on peut l'appeler l'entomologie*

de clocher, c'est-à-dire que les premiers auteurs s'étaient mis en route avec l'insoutenable préjugé que notre petite Europe allait nous offrir l'abrégé exact de la nature du globe, et la possibilité de formuler par elle seule le système de cette nature.' The arrangement, however, has been adopted in Leconte and Horn's edition* of Leconte's work on the classification of American Coleoptera already noticed, and in most of the later European catalogues. There still remains the task of amalgamating the groups of all countries in one list.

Another attempt at the classification of the *Carabidæ* has been made by M. des Gozis.† This is based principally on the presence or absence of setigerous pores in the pronotum. He distributes the genera into six sections, but this arrangement appears to bring together genera incongruous in other respects, *Oodini*, *Omophronini*, *Dryptini* and *Zabrinini* in the first group; *Brachynini* and *Harpalini* in the second group; whilst the fifth group contains an agglomeration of apparently widely distinct genera.

Mr. Sharp, in a paper‡ on the *Carabidæ*, quotes Leconte's remarks already noticed, and adds:—'The learned and energetic American expert had himself contributed greatly, probably as much or more than any other of the authors he mentions, to the rational system of classification he describes, and had no doubt done so at the expense of great labour and time, but the lapse of time has not altogether justified his expression of reliance as to the permanency of the results then reached. Duval, Chaudoir, C. J. Thomson and others have worked, since Leconte, at the classification of these insects, and each has contributed more or less to our knowledge, and has thus induced change. The genera of a large number of groups have been entirely remodelled by Chaudoir; while of the larger groups it may be truly said that at present but little accord exists as to their limits and arrangement, except in the case of certain comparatively small and isolated groups.'

Mr. Sharp further remarks:—'Indeed I am, myself, of opinion that classification of the groups superior in complexness to genera is at present (1883) so extremely far from approximation to the actual facts, and that these groups will thus probably in future assume a totally different form, that we should do well to refrain from giving them names at all,

* 'Classification of the Coleoptera of North America,' by J.L. Leconte and G. H. Horn, in Smithsonian Miscellaneous Collections, 1833; and separate, 1838. Bibliography of the American Carabidæ, *ib.*, p. 536.

† 'Mémoire sur les pores sétigères prothoraciques dans la tribu des Carnivores,' in MT Schwe. Ent. Ges. vi, 1862, p. 285.

‡ Trans. Ent. S. Lond., 1883, p. 61. 'On the classification of the *Adephaga*, or carnivorous series of the Coleoptera.'

and contenting ourselves with the simple method of numbering the tribes or groups, instead of naming them.' As pointed out by Mr. Sharp, the number of tribes, or groups of genera, in each sub-family is greater than those given by Dr. Horn, whose investigations refer mainly to the species of North America. Mr. Sharp also remarks that, in the case of many of the tribes adopted by Dr. Horn, that writer makes use of the same names for them as have been used by his predecessors, although giving to those names a widely different extension or meaning. Though this is the usual plan, it gives to classifications a false appearance of accord and permanence, and also, by giving to the names the sanction of long use, tends to make them appear in the eyes of many of more importance than they are in fact. With these remarks I thoroughly concur, and any one who has had to study the literature of the *Carabidæ*, will, I am sure, endorse them. In preparing this paper, I have found that it would be possible almost to count as a group* each genus, and I consider the best course is to arrange the genera as near as possible in the groups that have been established with some authority, and then to give fairly full references†, which those who have the knowledge and material can hereafter work out for themselves. I possess neither the time nor the material necessary for this purpose, and my object is merely to help others by giving a list of the recorded species from the Oriental Region.‡

Bates H. :—

On the group *Pericalini* :—*Ent. Mon. Mag.*, vi. 1869. p. 69.

" " *Laehnophorini* :—*l.o.* viii. 1871. p. 29.

Biologia Centrali-Amer., Col. i (i), 1881.

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Histoire naturelle des Insectes, par M M Andouin et Brullé. (Coléoptères). iv-vi. Paris, 1834.

* Let any one compare the notes in the *Zoological Record* for a series of years, and he will at once appreciate the extent of the existing confusion, which the *Zoologischer Jahresbericht* got over by giving the genera in alphabetical order.

† A list follows of the principal papers of Chaudoir, Putzeys, Bates, and others on classification.

‡ A few extra-Oriental species, marked by an asterisk, are given from the collection made by the Yarkand Mission of which the types are in the Indian Museum. The species identified in the Indian Museum have the precise locality in angular brackets.

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- 1.—Genres nouveaux et espèces nouvelles des *Carabiques*, *ib.* :—x (3), 1837, p. 1 ; (7) p. 3.
- 2.—Tableau d'une nouvelle subdivision du genre *Feronia*. *ib.*, xi (1), 1838, p. 1.
- 3.—Genres nouveaux *ib.*—xv, 1842, p. 832 ; xvi, 1843, p. 383, 671.
- 4.—Trois Mémoires sur la famille des *Carabiques* : *ib.*, xvii, 1844, p. 415.
- 5.—Note sur le groupe des *Stomides* : *ib.*, xix (2), 1846, p. 511.
- 6.—Mémoire sur la famille des Carabiques, I., *ib.*, xxi (1), 1848, p. 1 :—*Odaean*. thaini (p. 26), *Pericalus* (111). II, *ib.*, xxiii (1), 1850, p. 1 :—*Drypta*, p. 33, *Anthia* (41), *Callida* (51), *Catascopus* (349), *Coptodera* (356), *Pristonychus* (379), *Dicranoncus* (392), *Callistus* (394), *Lasiocera* (402), *Omophron* (424). III, *ib.*, xxv (1), 1852, p. 1 :—*Triplogenus* (p. 71). IV, *ib.*, xxvii (1), 1854, p. 112, 279 :—*Ozaenini* (p. 279). V, *ib.*, xxviii (1), 1855, p. 1 :—*Scaritini* (p. 5). VI, *ib.*, xxix (3), 1856, p. 187 :—*Chlaenini*, xxx (3), 1857, p. 1.
- 7.—Matériaux pour servir à l'étude des *Cicindelètes* et des *Carabiques*, *ib.*, xxxiii (4), 1860, p. 269 (*Cicindelidæ*) : xxxiv (1), 1861, p. 491 :—*Cychrini*. (p. 493), *Carabini* (502), *Nebriini* (504), *Opisthius* (505), *Hiletini* (506), *Dendrocillus* (545), *Drypta* (546), *Galerita* (551), *Anthia* (561) : *ib.* (2), p. 335 :—Revision de l'ancien genre *Panagæus* :—*Epicosmus* (p. 335), *Perononmerus* (354), *Euschisomerus* (354). *ib.*, xxxv (4), 1862, p. 275 :—*Casnonia* (p. 275), *Dicraspeda* (300), *Helluodes* (302), *Physotocraphus* (303), *Pogonoglossus* (304), *Zuphium* (310).
- 8.—Essai monographique sur le genre *Abacetus*, xlii (1), 1869, p. 355.
- 9.—Monographie des *Graphiptérides*, *ib.*, xliii (1), 1870, p. 281.
- 10.—Monographie des *Lébiides*, *ib.*, xliii (2), 1870, p. 111 :—*Dictya* (p. 123), *Nematopeza* (146), *Lebia* (162) : *ib.*, xliv (1), 1871, p. 1 :—*Stephanas* (p. 55).
- 11.—Observations sur quelques genres des *Carabiques*, *ib.*, xlv (1), 1872, p. 382 :—*Callistomimus* (p. 382), *Casnonia* (397).
- 12.—Matériaux pour servir à l'étude des *Feroniens* ;—xlv (2), 1873, p. 85 ; *ib.*, xlvi (1), 1874, p. 1 :—*Aeopsera* (p. 29).
- 13.—Étude monographique des *Masorides*, et des *Tetragonodérides*, *ib.*, li (3), 1876, p. 1 :—*Caphora* (p. 8), *Masorus* (11), *Cyclosomus* (27), *Tetragonoderus* (33), *Mnuphorus* (69), *Tilius* (71).
- 14.—Monographie des *Siagonides*, *ib.*, l (1), 1876, p. 62 :—*Siagona* (p. 76), *Oscinia* (115).
- 15.—Genres nouveaux et espèces inédites des Carabiques :—*ib.*, liii (3), 1878 p. 1 :—*Rhathymus* (p. 7), *Tropidocerus* (9), *Abacetus* (25), *Triplogenus* (31).
- 16.—Essai monographique sur les *Morionides*, *ib.*, lv (1), 1880, p. 317 :—*Morio*, *Morionidius*.

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- 1.—Genres et espèces des *Carabiques* nouveaux :—iv, 1837, p. 429.
- 2.—Monographie du genre *Colpodes*, Macleay :—(3 s.) vii, 1859, p. 287.
- 3.—Revision des genres *Dicranoncus* and *Colpodes* ; (5 s.) viii, 1878, p. 275.
- 4.—Monographie des *Ovuides* :—(6 s.) ii, 1882, p. 317, 485.

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- 1.—Monographie du genre *Pseolus* :—xvi, 1876, p. 1.
Annales de la Société Entomologique de Belgique.
- 1.—Révision du groupe des *Oseonides*, xi, 1867-68, p. 43 :—*Picrus* (p.45), *Itamus* (51), *Eustra* (71).
- 2.—Révision des *Trigonotomides*, *l. c.*, p. 151 :—*Triplogenus* (p. 154), *Trigonotoma* (158).
- 3.—Mémoire sur les *Thyreoptérides*, xii, p. 113 :—*Brachichila* (p. 123), *Tantillus* (126), *Sinurus* (129), *Mormolyce* (131), *Serrimargo* (134), *Peripristus* (135), *Thyreopterus* (141), *Miscelus* (152), *Holcoderus* (153), *Catascopus* (158), *Pericallus* (158).
- 4.—Mémoire sur les *Coptodérides*, *ib.*, p. 163 :—*Coptodera* (p. 163), *Lioptera* (208), *Mochtherus* (240), *Dolichoctis* (245), *Brachyctis* (252).
- 5.—Essai monographique sur le groupe des *Pogonides*, *ib.*, xiv, 1870-71, p. 21 :—*Pogonus* (p. 23), *Patrobus* (40).
- 6.—Essai monographique sur les *Orthogoniens*, *ib.*, xiv, 1870-71, p. 95 :—*Orthogonus* (p. 98), *Hexachaetus* (124), *Actenoncus* (126).
- 7.—Essai monographique sur les *Drimostomides* et les *Cratocérides*, *ib.*, xv, 1872, p. 5 :—*Drimostoma* (p. 9), *Stomonaxus* (13), *Diceromerus* (15).
- 8.—Monographie des *Callidides*, *ib.*, xv, 1872, p. 97 :—*Callida* (p. 103), *Crossoglossa* (177), *Bothynoptera* (181), *Endynomena* (186).
- 9.—Monographie des *Brachynides*, *ib.*, xix, 1876, p. 11 :—*Pheropsophus* (p. 16), *Brachynus* (49), *Styphlomerus* (87), *Mastax* (97).
- 10.—Essai monographique sur les *Panagétides*, *ib.*, xxi, 1878, p. 83 :—*Brachyonychus* (p. 86), *Epicosmus* (104), *Eudema* (133), *Microcosmus* (139), *Dischissus* (149), *Euschizomerus* (157), *Peronemerus* (162), *Trichisia* (164).
- 11.—Monographie des *Scaritides*, *ib.*, xxii, 1879, p. 124-181 ; xxiii, 1880, p. 5-130 :—*Oxylobus* (p. 129), *Coptolobus* (159), *Distichus* (p. 44), *Scarites* (63.)

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- 1.—Monographie des *Chlénien*s :—viii, 1876, p. 5 :—*Chlaenius* (p. 10), *Hololius* (290), *Rhopalistes* (291).
- 2.—*Féronides* from Australia :—vi, 1874, p. 568 : *Harpaliens* from Australia, xii, 1878, p. 475.

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A list of the genera and species described by this author (1834-1867) will be found in the Supplement to vol. iv of the *Horæ Societatis entomologicae Rossicæ*. St. Petersburg, 1868.

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4.—*Supplément à la Révision générale des Clivinides*, l. c., xi, 1867-68, p. 1-22.

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6.—*Monographie des Calathides*, l. c., xvi, p. 19.

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8.—*Les Broscides*, *Stettin Ent., Zeit.*, 1863, p. 304 :—*Broscosoma*, p. 253.

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Genus OMOPHRON.

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Brettinghamæ, Pascoe, Jour. Ent., i, 1860, p. 38.

Hab. India.

maculosus, Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 424.

Hab. N. India.

pictus (*Scolytus*), Wiedemann, Zool. Mag., ii (1), 1823, p. 69.

Hab. India, Bengal.

vittatus (*Scolytus*), Wiedemann, *l. c.*, p. 69.

Hab. India, Bengal.

CYCHRINI :—

Horn, Gen. Carab., 1881, p. 107 : Leconte & Horn, Class. Col., 1883, p. 7.

[M. Géhin (Cat. Carab., 1885) places the *Cyohrini* with the *Carabini* which he describes as comprising three genera, designated sub-tribes by him, *Cyohrus*, *Carabus* and *Calosoma*, each with numerous sub-divisions. M. Géhin writes :—" Tous les groupes que je viens d'examiner ont pour moi le même valeur systématique, ce sont des sous-genres des *Carabus*, *Calosoma* et *Cyohrus*. Si dans le synopsis j'ai fait précéder leur nom des mots 'genre' ou 'sous-genre', c'est pour montrer le peu d'harmonie qui existe entre les entomologistes". For the reasons given by Dr. Horn (*l. c. supra*), the *Cyohrini* are retained as a separate group, and I give the other names as subgenera or synonyms, except *Coptolabrus* and *Damaster* which appear to be well established genera].

Genus CYCHRUS.

Fabricius, Skrift. Nat. Selsk., iii (2), 1794, p. 68-71 : Clairv., Ent. Hel., ii, p. 116 t. 19 : Latr., Hist. Crust., iii, p. 90 : Lacord., Gen. Col., i, p. 62 : Chaudoir, Bull. Mosc., xxxiv (1), 1861, p. 493 : Mun. Cat., p. 82 : Gehin, Cat., 1885, p. xxxvi, 73.

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Pomphus, Motsch., Bull. Mosc., xxxviii (4), 1865, p. 312 : Gehin, Cat., p. xxxvi, 73.

Scaphonotus, Latreille, Ic. Règne Anim., i, 1822, p. 87 : Mun. Cat., p. 84 : Gehin, Cat., p. xxxvi, 71.

Sphaeroderus, Dejean, Spec., ii, 1826, p. 14 : Mun. Cat., p. 84 : Gehin, Cat. p. xxxvi, 72.

Davidis, Fairmaire, Ann. Soc. Ent. Fr., (6s.) vi, 1886, p. 307.
Hab. Yunnan.

yunnanus, Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 90.
Hab. Yunnan.

CARABINI:—

Horn, Gen. Carab., p. 108 : Leconte and Horn, Class. Col., p. 9.

Genus **CARABUS.**

Linn., Syst. Nat., i (2), 1767, p. 668 : Lacord., Gen. Col., i, p. 54 : Chaudoir, Bull. Mosc., xxxiv (1), 1861, p. 502 : Mun. Cat., p. 57 : Gehin, Cat. Carab., 1885, p. xi, xxv : Kraatz, Deutsche Ent. Zeits., 1873, passim ; xxx, 1886, p. 225 : Morawitz, Mém. Acad. St. Petersb., xxxiv, 9, 1886, p. 1.

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Alogocarabus, Morawitz, *l.c.*, p. 60.

Aplothorax, Waterhouse, Trans. Ent. S. Lond., iii, 1842, p. 207 : Lacord., Gen. Col., i, p. 58 : Gehin, Cat., p. xxviii, 54.

Apotomopterus, Hope, Col. Man., ii, 1838, p. 48 : Motsch., Bull. Mosc., xxxviii (4), 1865, p. 281 = *Morphocarabus*, Gehin, Cat., p. 16.

Archicarabus, Seidlitz, Fauna Baltica (2 ed.), 1887, p. 6 : Kraatz, Deutsche Ent. Zeits., xxxi, 1887, p. 362.

Autocarabus, Seidlitz, *l.c.*, p. 7 : Kraatz, *l.c. supra*, p. 362.

Azinocarabus, Morawitz, Mém. Acad. St. Petersb., xxxiv (9), 1886, p. 55.

Calocarabus, Sémenow, Hor. Ent. Ross., xxi, 1887, p. 166.

Cathaicus, Bates, Ent. Mon. Mag., 1873, p. 32 : Kraatz, Deutsche Ent. Zeits., 1878, p. 151 : Gehin, Cat., p. xv, 13.

Cechnes, Fischer, Ent. Imp. Russ., i, 1822, p. 110 : Gehin, Cat. p. xxiv, 39.

Cechnochilus, Motsch., Ins. Russ., 1846, p. 74, note. : Gehin, Cat., p. xxiv.

Ceroglossus, Solier, Mém. Acad. Turin., 1848, p. 10 ; *id.*, Truqui and Bandet, Stud. Ent., p. 49 : Motsch., Bull. Mosc., xxxviii (4), 1865, p. 283 : Gehin, Cat., p. xxviii, 54.

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Eurycarabus, Gehin, 1876 ; Cat., p. xxi, 33 : Kolbe, Ent. Nachr., xii, 1886 p. 273.

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Hadrocarabus, G. Thoms., Op. Ent., 1875, p. 646 : Gehin, Cat., p. xvi, 13 : Ganglb., Deutsche Ent. Zeits., 1886, p. 228.

- Hemicarabus*, Gehin, 1876 ; Cat., p. xix, 24.
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Isiopachys, Solier, Mém. Acad. Turin., 1848, p. 10 ; *id.*, Truqui & Baudet's Stud. Ent., i, p. 58 : Gehin, Cat., p. xxiv, 40.
Ichnocarabus, Kraatz, Deutsche Ent. Zeits., 1877, p. 78 : Gehin, Cat., p. xiii, 8.
Lamprocarabus, G. Thoms., Opusc. Ent., 1875, p. 673, Gehin, Cat., p. 9.
Lamprostus, Motsch., Bull. Mosc., xxxviii (4), 1865, p. 297 : Gehin, Cat., p. xiv, 8.
Leptocarabus, Gehin, Cat., p. xxiii, 36.
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Lipaster, Motsch., Bull. Mosc., xxxviii (4), 1865, p. 296 : Gehin, Cat., p. xiv, 9.
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Pagocarabus, Morawitz, Mém. Acad. St. Petersburg., xxxiv (9), 1886, p. 45.
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Plectes, Fischer, Ent. Imp. Russ., i, 1817, p. 19 ; ii, 1824, p. 53 : Gehin, Cat., p. xxiii 36 ; Reitter, Wien Ent. Zeit., 1887, p. 104.
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- Tribas*, Fischer, Bull. Mosc., v, p. 483 : G. Thoms., Op. Ent., 1875, p. 670 : Gehin, Cat., p. 8 : Ganglbauer, Deutsche Ent. Zeita., xxx, 1886, p. 305 : Reitter, Wien Ent. Zeits., 1887, p. 186.
- Albrechtii (*Morphocarabus*), Morawitz, Bull. Acad. St. Petersb., v, 1862, p. 237 : Bates, Trans. Ent. S. Lond., 1873, p. 233 : Gehin, Cat., p. 17.
- fiduciaris*, G. Thoms., Op. Ent., 1875, p. 728 (*sec* J. Thoma.).
- var. *corvinus*, Motsch., Bull. Mosc., xxxviii (4), 1865, p. 283.
- ,, *Lewisii*, Bates, Trans. Ent. S. Lond., 1883, p. 229.
- ,, *Maiyasanus*, Bates, l. c., 1873, p. 232 ; *id.* 1883, p. 230.
- ,, *multistriatus*, Motsch., Bull. Mosc., xxxviii (4), 1865, p. 283.
- ,, ? *striatus*, Chaudoir. *q. v.*
- Hab. Japan, Canton.
- caschmirensis (*Megodontus*), Kollar, in Hügel's Kaschm., iv (2), 1844, p. 499, t. 23, f. 4 : Gehin, Cat., p. 10.
- var. *lithariophorus*, Tatum, Ann. Mag. N. H., xx, 1847, p. 14.
- Hab. Himálaya, Kashmir [*Ind. Mus.*, Murree].
- coriaceipennis (*Trachycarabus*), Chaudoir, Rev. Mag. Zool., (2 s.) xv, 1863, p. 114 : Gehin, Cat., p. 53.
- Hab. China.
- Davidis (*Morphocarabus*), Deyrolle and Fairm., Ann. Soc. Ent. Fr., (6 s.) viii, 1878, p. 87, t. 3, f. 4 : Gehin, Cat., p. 16.
- Hab. Middle China.
- Delevayii, Fairmaire, Le Nat., viii, 1886, p. 228 : Ann. Fr., l. c., (6 s.) vi, 1886, p. 308.
- Hab. Yunnan.
- Fesø, R. Gestro, Ann. Mus. Civ. Gen., (2 s.) vi, 1888, p. 106.
- Hab. Burma, Bhamo, Kachin-Kauri.
- fiduciaris (*Morphocarabus*), J. Thomson, Ann. Soc. Ent. Fr., (3 s.) iv, 1856, p. 338, t. 9, f. 3. : Gehin, Cat., p. 16.
- Hab. China [*Ind. Mus. China*].
- Hienfoungii (*Eucarabus*), J. Thomson, Arch. Ent., i, 1857, p. 166 : Gehin, Cat., p. 29.
- Hab. China [*Ind. Mus. China*].
- indicus Fairmaire, Ann. Soc. Ent. Fr., (6 s.) ix, 1889, p.
- Hab. Sikkim [*Ind. Mus. Darjiling*].
- insulicola (*Morphocarabus*), Chaudoir, Rev. Mag. Zool., (2 s.) xxi, 1869, p. 26 : Bates, Trans. Ent. S. Lond., 1873, p. 232 ; *id.*, 1876, p. 2 : Gehin, Cat., p. 17.
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- prodigus (*Morphocarabus*), Fritchson, Nova Acta Leop. Car. Nat. Cur., xvi, Suppl., 1834, p. 221, t. 37, f. 1 : (*Apotomopterus*) Hope, Col. Man., ii, p. 47 : Gehin, Cat., p. 16.
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- stoliczkanus (*Morphocarabus*), Bates, Proc. Zool. S. Lond., 1878, p. 713 : Gehin, Cat., p. 17, 77.
- Hab. India, Murree [*Ind. Mus.*, type].

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? = *Albrechtii*, Morawitz, *g. v.*
Hab. China.
- Tientati* (*Morphocarabus*), J. Thomson, Arch. Ent., i, 1857, p. 165 : Gehin, Cat., p. 16.
Hab. China.
- viridifossulatus*, Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 91.
Hab. Tibet, Moupin.
- Wagne* (*Sphodristocarabus*), Fairmaire, Ann. Soc. Ent. Fr., (6 s.) ii, 1882, p. 65 : Gehin, Cat., p. 28.
Hab. N. India.
- Wallihti* (*Orosocarabus*), Hope, Gray's Zool. Misc., 1831, p. 21 : Gehin, Cat., p. 46.
Boysii, Tatum, Ann. Mag. N. H., viii, 851, p. 51.
Hab. Nepal.
- yunnanus*, Fairmaire, Le Nat., viii, 1886, p. 223 : Ann. Soc. Ent. Fr., (6 s.) vi, 1886, p. 309.
Hab. Yunnan.

Genus **COPTOLABRUS.**

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Macrothorax, pt., G. Thoms., Opusc. Ent., 1875, p. 691.
- Elysi*, J. Thomson, Ann. Soc. Ent. Fr., (3 s.) iv, 1856, p. 337, t. 9, f. 2 : Gehin, Cat., p. 35.
Hab. E. China.
- gemmifer*, Fairmaire, Bull. Soc. Ent. Fr., (6 s.) vii, 1887, p. xxvii ; Ann. Soc. Ent. Belg., xxxi, 1887, p. 91.
Hab. Yunnan.
- Lafossei*, Feisthamel, Ann. Soc. Ent. Fr., 1845, p. 103, t. 2, f. 2 : Gehin, Cat., p. 35.
var. *coelestis*, Steuart, Ann. Soc. Ent. Fr., (3 s.) iii, 1855, p. 75, t. 7, 1 : Kraatz, Deutsche Ent. Zeits., xxx, 1886, plate, f. 8, ♀.
Hab. N. China, Shanghai, Canton (*Putzey*) [*Ind. Mus.*, China].
- pustulifer*, (*Carabus*), Lucas, Bull. Soc. Ent. Fr., (4 s.) ix, 1869, p. x ; *id.*, (5 s.), ii, 1872, p. 293, t. 14, f. 12, ♂ : Gehin, Cat., p. 35, t. 10.
Hab. N. Tibet, Moupin.
- tallensis*, Fairmaire, Le Nat., viii, 1886, p. 223 : Ann. Soc. Ent. Fr., (6 s.) vi, 1886, p. 308.
Hab. Yunnan.

Genus **DAMASTER.**

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- biaptoides*, Kollar, Ann. Mus. Wien, i, 1836, p. 334, t. 31, f. 1 : Lacord., Gen. Col. Atlas, t. 2, f. 2 : Lewis, Ent. Mon. Mag., xvii, 1880, p. 169 : Gehin, Cat. Carab., p. 36, t. 10 : Morawitz, Mém. Acad. St. Petersburg, 1886, p. 18.

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Fortunai, G. Thomson, Opusc. Ent., 1875, p. 657.
viridipennis, Lewis, Ent. Mon. Mag., xvii, 1880, p. 159.
 var. { *Fortunai*, Adams, Ann. Mag. N. H., (3 s.) viii, 1861, p. 59 : Bates
 Trans. Ent. S. Lond., 1873, p. 230 : Lewis, *ib.*, 1882, p. 524.
oxuroides, Schaum, Ann. Soc. Ent. Fr., (4 s.) ii, 1862, p. 68, t. 2, f. 1.
 „ *Lewisii*, Rye, Ent. Mon. Mag., 1872, p. 131.
 „ *pandurus*, Bates, Trans. Ent. S. Lond., 1873, p. 230 ; *id.*, *l.c.*, 1883, p.
 231 : Kolbe, Ent. Nach., xiii, 1887, p. 340.
 Hab. Japan, Formosa [*Ind. Mus.*, ? loc.].

Genus CALOSOMA.

- Weber, Obs. Ent., i, 1801, p. 20 : Latr., Hist. Nat. Crust. Ins., iii, 1802, p. 91 : Lacord.,
 Gen. Col., i, p. 58 : Mun. Cat., p. 78 : Gehin, Cat. Carab., 1885, p. xxix, 56.
Aulacopteron, Gehin, Cat., p. xxxiv, 67.
Blaptoosoma, Gehin, 1876 ; Cat., p. xxxiii, 65.
Calamata, Motsch., Bull. Mosc., xxxviii (4), 1865, p. 307 ; Gehin, Cat., p. 59.
Callipara, Motsch., *l. c.*, p. 308 : Gehin, Cat., p. 57.
Callisphaena, Motsch., Et. Ent., 1869, p. 127 : Gehin, Cat., p. 68.
Callisthenes, Fischer, Lettre à Pander, 1821, p. 10 : Gehin, Cat., p. xxxv,
 68.
Callistrata, Motsch., Bull. Mosc., *l. c. supra*, p. 306 : Gehin, Cat., p. 62.
Callistwiga, Motsch., *l. c.*, p. 307 : Gehin, Cat., p. xxx, 68.
Callitropa, Motsch., *l. c. supra*, p. 300 : Gehin, Cat., p. xxxii, 63.
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Calopachys, Haury, Le Nat., 1880, p. 164 : Gehin, Cat., p. xxxiv, 67.
Camodula, Motsch., *l. c. supra*, p. 304 : Gehin, Cat., p. xxx, 59.
Caminara, Motsch., *l. c.*, p. 303 : Gehin, Cat., p. xxx, 59.
Campalita, Motsch., *l. c.*, p. 304 : Gehin, Cat., p. xxxii, 62.
Carabosoma, Gehin, 1875 ; Cat., p. xxxii, 63.
Cathoplius, G. Thoms., Opusc. Ent., 1875, p. 628 : Gehin, Cat., p. xxxv, 70.
Castrida, Motsch., Bull. Mosc., *l. c. supra*, p. 300 : Gehin, Cat., p. 58.
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Chryseostigma, Kirby, Faun. Bor. Amer., iv, 1837, p. 18 : Gehin, Cat., p.
 xxxiv, 67.
Cosmoplata, Motsch., Bull. Mosc., *l. c. supra*, p. 305 : Gehin, Cat., p. 61.
Ctenosta, Motsch., *l. c.*, p. 306 : Gehin, Cat., p. xxxii, 59.
Cychocephalus, Gehin, 1876 ; Cat., p. 70.
Eutelodontum, Gehin, Bull. Soc. Ent. Fr., 1882, p. cxxxii ; Cat., p. xxxiii,
 66.
chinense (*Charmosta*), Kirby, Trans. Linn. S. Lond., xii, 1818, p. 379 : Gehin, Cat.,
 p. 61.
 var. *acneum*, Motsch., Bull. Mosc., xxxii (4), 1859, p. 481.
 Hab. China, Canton, Japan, India, Ceylon [*Ind. Mus.*, Sahibganj, Calcutta].
himalayanum, R. Gestro, Ann. Mus. Civ. Gen., vii, 1875, p. 851 : Gehin, Cat., p. 57.
 Hab. N. W. Himalaya, Ladák.

- indicum** (*Ctenosta*), Hope, Gray's Zool. Misc., 1831, p. 21 : Gehin, Cat., p. 61.
Hab. Nepál.
- investigator**, Illiger., Käfer Preuss., i, 1798, p. 142 : Schaum, Naturg. Ins., i (i), p., 114 : (*Charmosta*) Motsch., Bull. Mosc., xxxviii (4), 1865, p. 301 · Gehin, Cat., p. 61.
sericum, Sturm, Ins. Deutschl., iii, 1815, p. 130, t. 66, f. a : Dejean, Spec. ii, p. 206 ; Ic., ii, t. 71, f. 2.
- var. *caspium*, Fischer, Ent. Imp. Russ., iii, 1826, p. 236, t. 8, f. 5, 6.
,, *dauricum*, Motsch., Ins. Sib., 1844, p. 119, t. 4, f. 9 ; Bull. Mosc., xxxviii (4), p. 303.
,, *leptophyllum*, Fischer, Ent. Imp. Russ., iii, 1826, p. 239, t. 8, f. 4.
,, *lugubre*, Motsch., Ins. Sib., 1844, p. 121.
,, *rugulosum* Motsch., Ins. Russ., 1846, note 2.
,, *russicum*, Fischer, Ent. Imp. Russ., iii, 1826, p. 238, t. 8, f. 2.
,, *sibiricum*, Motsch., Ins. Sib. 1844, p. 121 ; Bull. Mosc., xx (3), 1847, p. 226.
? *sericum*, Gebler, Ledeb. Reise, iii, 1830, p. 58 (*nec* Fabr).
Hab. Prussia, S. Russia, Siberia [*Ind Mus.*, Kashmir, Srinagar].
- lucens** (*Charmosta*), Chaudoir, Ann. Soc. Ent. Fr., (4s.) ix, 1869, p. 372 : Gehin, Cat., p. 61.
var. *Davidis*, Gehin, Cat. Carab., 1885, p. 61.
Hab. N. China, Fuchau.
- nigrum** (*Charmosta*), Parry, Trans. Ent. S. Lond., iv, 1845, p. 85 : Gehin, Cat., p. 62.
var. *scabripennis*, Chaudoir, Ann. Soc. Ent. Fr., (4s.) ix, 1869, p. 371.
Hab. Assam, N. India.
- orientale** (*Ctenosta*), Hope, Trans. Zool. S. Lond., i, 1833, p. 92 : ? Chaudoir, Ann. Soc. Ent. Fr., (4s.) ix, 1869, p. 368 : Gehin, Cat., p. 61.
Hab. India, Poona [*Ind Mus.*, Sind Valley, Kogyar].
- parallellum** (*Campalita*), Motsch., Ins. Sib., 1844, p. 123, t. 4, f. 4 : Gehin, Cat., p. 63.
Hab. Kirgisia, India [*Ind Mus.*, Kashmir, Srinagar].
- squamigerum** (*Ctenosta*), Chaudoir, Ann. Soc. Ent. Fr., (4s.) ix, 1869, p. 369 : Gehin, Cat., p. 60.
Hab. Bengal, Coimbatore (Madras).
- tibetanum** Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 92.
Hab. Moupin, N. Tibet.
- HILETINI** :—
Lacordaire, Gen. Col., i, 1854, p. 47 : Chaudoir, Bull. Mosc., xxxiv (i). 1861, p. 506 : Horn, Gen. Carab., p. 110.

Genus **HILETUS**.

- Schiodte, Krøyer's Tidsskr., (2 s.) ii, 1847, p. 346 : Lacord., Gen. Col., i, p. 48 : Mun. Cat., p. 46.
Camaragnathus, Bocandé, Mag. Zool., 1845, p. 4, t. 163-4 ; Rev. Mag. Zool., (2 s.) i. 1849, p. 460.

sumatrensis, Oberthür, Notes Leyden Mus., v, 1883, p. 215.

Hab. E, Sumatra, Serdang.

ELAPHERINI :—

Lacord., Gen. Col., i, 1854, p. 43 : Chaud., Bull. Mosc., xxxiv (1), 1861, p. 524 :
Horn, Gen. Carab., p. 110 : Leconte & Horn, Class. Col., p. 10.

Genus **ELAPHRUS**.

Fabricius, Syst. Ent., 1775, p. 227 ; Syst., Eleuth., i, 1801, p. 245 : Latr. Hist. Nat.
Ins., iii, 1802, p. 82 : Lacord., Gen. Col., i, p. 44 : Mun. Cat., p. 44.

Davidis, Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 89.

Hab. Yunnan.

NEBRINI :—

Chaudoir, Bull. Mosc., xxxiv (1), 1861, p. 504 : Horn, Gen. Carab., p. 112 : Leconte
& Horn, Class. Col., p. 12.

Genus **OPISTHIUS**.

Kirby, Faun. Bor. Amer., iv, 1837, p. 60 : Lacordaire, Gen. Col., i, p. 45 : Chaudoir,
Bull. Mosc., xxxiv (1), 1861, p. 505 ; Mun. Cat., p. 47.

indicus, Chaudoir, Ann. Soc., Ent., Fr. (4 s) iii, 1863, p. 449.

Hab. N. India.

Genus **NOTIOPHILUS**.

Dumeril, Zool. Analyt., 1806, p. 194 : Lacord., Gen. Col., i, p. 43 : Mun. Cat., p. 43 :
Bates, Biol. Centr. Amer., Col., i (1), p. 19.

acuticollis, Putzeys, Mém. Liège, 1866, p. 164.

Hab. N. China, ? Shanghai.

orientalis, Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 428.

Hab. India, Simla.

Genus **LEISTUS**.

Frölich, Naturf., xxviii, 1794, p. 9 : Clairv., Ent. Helv., ii, p. 146, t. 23 : Lacord.,
Gen. Col., i, p. 52 : Mun. Cat., p. 54.

Pogonophorus, Latreille, Hist. Nat. Ins., iii, 1802, p. 88 ; Gen. Crust., i,
p. 223.

angulicollis, Fairmaire, Le Nat., 1886, p. 223 ; *id.*, Ann. Soc. Ent. Fr., (6s) vi,
1886, p. 307.

Hab. Yunnan.

Genus **NEBRIA**.

Latreille, Hist. Crust. & Ins., iii, 1802, p. 89 : Clairv., Ent. Helv., ii, 1806, p. 140¹
t. 22 : Lacord., Gen. Col., i, p. 50 : Mun. Cat., p. 47.

Alpacus, Bonelli, Mém. Acad. Turin, 1809, p. 68.

Helobia (Leach), Stephens, Ill. Brit. Ent., iii, 1827, t. 103.

Chaulli, Fairmaire, Le Nat., viii, 1886, p. 223 : Ann. Soc. Ent. Fr., (6s) vi, 1886¹
p. 306.

Hab. China, Kiangsi.

- chinensis*, Bates, Ent. Mon. Mag., ix, 1872, p. 53; Trans. Ent. S. Lond., 1873, p. 236; Fairm. Ann. Fr., *l. c. supra*, p. 306.
Hab. Yangtse Valley in China, Japan.
- Deogodinati*, Oberthür, Nov. Col., i, 1883, p. 47.
Hab. Darjiling.
- lividipes*, Fairmaire, Le Nat., viii, 1886, p. 223; Ann. Fr. *l. c. supra*, p. 306.
Hab. China, Kiangsi.
- pulcherrima*, Bates, Trans. Ent. S. Lond., 1873, p. 236; Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 90.
Hab. Yangtse Valley, Japan, Kiangsi.
- xanthaera*, Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 423.
Hab. India, Simla.

ENCELADINI:—

Horn, Gen. Carab., p. 118.

Genus **LUPERCA.**

- Lap. de Casteln., Hist. Nat. Ins. Col., i, 1840, p. 63; Lacord., Gen. Col., i, p. 163; Mun. Cat., p. 162.
Holoscelis, Chaudoir, Bull. Mosc., xxiii (1), 1850, p. 438; *id.*, 50 (1), 1876, p. 71.
- laevigata*, (*Carabus*), Fabr., Spec. Ins., i, 1781, p. 304; Ent. Syst., i, p. 143; Syst. Eleuth., i, p. 124; Oliv., Ent., iii 86, p. 7, t. 2, f. 18; Herbst., Natursyst. Ins. Käfer, x, p. 256, t. 175, f. 6; Lacordaire, Gen. Col., Atlas, t. 6, f. 1: (*Enocladus*) Dejean, Spec., v, p. 474; Chaudoir, Bull. Mosc., 50 (1), 1876, p. 74; Dohrn, Stettin. Ent. Zeit., 1881, p. 309.
herculeana, Lap. de Casteln., Et. Ent., i, 1834, p. 161.
Hab. India, Bengal [*Ind. Mus.*, Ceylon.]

SCARTINI:—

Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xxii, 1879, p. 124; xxiii, 1880, p. 5; Horn, Gen. Carab., p. 119; Leconte & Horn, Class. Col., p. 16.

Dr. Horn divides the tribe, so far as he deals with it, into two sections which he names *Scartites* (*Pasimachus* and *Scartites*), and *Clivina* (*Dyschirius*, *Clivina*, *Ardistomis*). Others make four sections, of which the genera occurring in the Oriental Region are:—

Pasimachina:—*Mouhotia*.

scartina:—*Oxylobus*, *Haplogaster*, *Scaritoderus*, *Coptolebus*, *Distichus*, *Scartites*.

scapterina:—*Scapterus*, *Thibops*, *Systemognathus*, *Oxygnathus*, *Dacca*.

clivina:—*Dyschirius*, *Clivina*, *Coryza*, *Anous*, *Ardistomis*, (Putzeys, Rév. Gen., Ann. Soc. Ent. Belg., x, 1866, p. 1),

Genus **MOUHOTIA.**

Lap. de Casteln., Rev. Mag. Zool., xiv, 1862, p. 305; Mun. Cat., p. 180.

convexa, Lewis, Ent. Mon. Mag., xix, 1883, p. 193; Waterhouse, Aid, t. 129, f. 1
Hab. Laos.

- gloriosa*, Lap. de Casteln., Rev. Mag. Zool., 1862, p. 306; Lucas, Bull. Soc. Ent. Fr., (5 s) vii, p. clxxiii.
Midas, Schaum, Proc. Ent. S. Lond., 1862, p. 94.
 Hab. Laos.

Genus OXYLOBUS.

- Chaudoir, Bull. Mosc., xviii (i), 1855, p. 5; *id.*, *Monograph*, Ann. Soc. Ent. Belg., xxii, 1879, p. 129; Mun. Cat., p. 181.
alveolatus, Chaudoir, Mon. l. c., p. 134.
 Hab. India.
asperulus, Chaudoir, Bull. Mosc., xxi (3), 1857, p. 58; *Mon.*, p. 133.
 Hab. Ceylon.
costatus, Chaudoir, *Mon.*, p. 134.
 Hab. Malabar, Colombo (*Bates*).
designans (*Scarites*), Walker, Ann. Mag. N. H., (3 s) ii, 1858, p. 203; Bates, l. c., (5 s) xvii, p. 210.
 ? = *sculptilis*, Westwood, g. v.
 Hab. Ceylon.
foveiger, Chaudoir, *Mon.*, p. 133.
 Hab. India.
lateralis (*Scarites*), Dejean, Spec., i, 1825, p. 490; Chaud., Bull. Mosc., xviii (i), 1855, p. 8; *id.*, *Mon.*, p. 131.
 Hab. India, Coromandel.
punctatosulcatus, Chaudoir, Bull. Mosc., xviii (i), 1855, p. 6; *Mon.*, p. 131.
 Hab. Nepal.
quadricollis, Chaudoir, Bull. Mosc., l. c., p. 7; *Mon.*, p. 130.
 Hab. India, Nilgiris, Colombo (*Bates*).
sculptilis, Westwood, Arc. Ent., i, 1843, p. 88, t. 23, f. 1; Chaudoir, *Mon.*, p. 133.
 Hab. India, Coromandel [*Ind. Mus.*, Utakamand.].

Genus HAPLOGASTER.

- Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xxii, 1879, p. 149.
humeralis, Putzeys, Chaudoir, *Mon.*, l. c., p. 151.
 Hab. Madras.
ovatus, Chaudoir, *Mon.*, l. c., p. 150.
 Hab. N. India.

Genus SCARITODERUS.

- Fairmaire, Bull. Soc. Ent. Fr., (6 s) iii, 1883, p. lv, note.
Anomoderus, Chaudoir, Ann. Soc. Ent. Belg., xxii, 1879, p. 156 (*nom. praeoc.*)
Anomophaenus, Fauvel, Rev. d'Ent., i, 1882, p. 229 (*nom. praeoc.*)
Loyolae, Fairmaire, l. c. *supra*, p. lv.
 Hab. India, Rannad.

Genus **COPTOLOBUS.**

- Chaudoir, Bull. Mosc., xxx (3), 1857, p. 59; *id.*, *Monograph*, Ann. Soc. Ent. Belg., xxii, 1879, p. 159; Mun. Cat., p. 182.
- Anodon, Chaudoir, *Mon.*, *l.c.*, p. 160.
Hab. Ceylon.
- glabriculus, Chaudoir, Bull. Mosc., xxx (3), 1857, p. 60; *Mon.*, *l.c.*, p. 162; Mun. Cat., p. 182.
? *obliterans* (*Scarites*), Walker, Ann. Mag. N. H., (3 s.) ii, 1858, p. 203.
? *subsignans* (*Scarites*), Walker, *l.c.*, p. 203.
Hab. Ceylon, Nuwara Eliya, Horton Plains (*Bates*), Canton (*Puteoys*).
- Omodon, Chaudoir, *Mon.*, *l.c.* p. 161.
Hab. Ceylon, Colombo (*Bates*).
- taprobanae, Chaudoir, *Mon.*, *l.c.*, p. 161.
Hab. Ceylon, Colombo, (*Bates*).

Genus **DISTICHUS.**

- Motschulsky, Et. Ent., 1857, p. 96; Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xxiii, 1880, p. 44; Bates, Biol. Centr. Amer., Col., i (i), p. 30.
Scarites, pt., Bonelli, Dejean *aut.*
Taeniolobus, pt., Chaudoir, *olim.*
- discaelus, Chaudoir, *Mon.*, Ann. Soc. Ent. Belg., xxiii, 1880, p. 52.
Hab. Singapur.
- lucidulus, Chaudoir, *Mon.*, *l.c.* 57.
Hab. Dekhan, Rangoon, Siam.
- modestus, Chaudoir, *Mon. l.c.*, p. 57.
Hab. India.
- placicornis (*Scarites*), Dejean, Spec. v, 1831, p. 493; Chaudoir, *Mon.*, *l.c.*, p. 56.
troglodytes, Erichson, Wieg. Arch., 1843, p. 214.
? var. *minor*, Nietner, Journ. As. Soc. Beng., xxv, 1856, p. 389; Ann. Mag. N. H., (2 s.) xix, 1857, p. 244.
Hab. Ceylon, Colombo, Dekhan, W. Africa, Zanzibar.
- planus (*Scarites*), Bonelli, Mém. Acad. Turin., 1819, p. 470; Dejean, Spec., i, p. 395; *id.*, Ic. Col. Eur., i, t. 21, f. 8; Klug, Symb. Phys., Dec. iii, t. 23, f. 5; Chaudoir *Mon.*, *l.c. supra*, p. 53.
? *biquadripunctatus* Klug, Peters Reise Mossamb., v, 1862, p. 158.
punctatostriatus, Redtenb., Russegger Reise., p. 979.
sewpunctatus, Ménétrics, Cat. Rais., i, 1832, p. 103.
var *nitidus*, Dejean, Spec. v. 1831, p. 484.
Hab. Mediterranean and Caspian regions, N. India.
- puncticolis, Chaudoir, Bull. Mosc., xxvii (1), 1855, p. 47; *Mon.*, *l.c. supra*, p. 55
Hab. N. India.
- striaticeps, Chaudoir, *Mon.*, *l.c.*, p. 52.
Hab. India.

Genus **SCARITES.**

- Fabricius, Ent. Syst., i, 1792, p. 94; Syst. Eleuth., i, p. 123 (*Attolabus*, DeGeer, *neo* Linn.): Lacord., Gen. Col., i, p. 194: Schmidt Goebel, Faun. Col. Birm., p. 93: Mun. Cat. p. 184: Chaudoir, Bull. Mosc., xxvii (i), 1854, p. 5; *id.*, *Monograph*, Ann. Soc. Ent. Belg., xxiii, 1880, p. 63: Motschulsky, Et. Ent., 1857, p. 93.
- Broscomorplus*, Motsch., Et. Ent., 1857, p. 96: Chaud., *Mon.*, p. 66.
- Glyptomorphus*, Motsch., *l. c.*, p. 95.
- Harpalites*, Motsch., *l. c.*, p. 95: Chaud., *Mon.*, p. 67.
- Parallelomorphus*, Motsch., *l. c.*, p. 96: K&F. Russl., 1850, t. v: Chaud., *Mon.* p. 65.
- Paramscomorplus*, Motsch., Et. Ent., 1857, p. 96: Chaud., *Mon.* p. 65.
- Scallophorites*, Motsch., *l. c.*, p. 95: Chaud., *Mon.*, p. 67.
- Stigmopterus*, Motsch., *l. c.*, p. 95.
- Taenioleobus*, pt, Chaudoir, *olim*: Mun. Cat., p. 183.
- acutidens*, Chaudoir, Bull. Mosc., xxvii (i), 1855, p. 98; *id.*, *Mon.*, p. 83.
Hab. E. coast China, Chusan.
- barbarus*, Dejean, Spec., i, 1825, p. 388: Chaud., *Mon.*, p. 96.
Hab. India, Dekhan.
- bengalensis*, Dejean, Spec., ii, 1826, p. 468: Chaud., Bull. Mosc., xxvii (i), 1855, p. 79; *id.*, *Mon.* p. 89.
Hab. N. India, Bengal.
- boyali*, Chaudoir, Bull. Mosc., xxvii (i), 1855, p. 57; *Mon.*, p. 107.
Hab. N. India.
- capito*, Chaudoir, Bull. Mosc., xxvii (i), 1855, p. 92, 103; *Mon.*, p. 95.
? = *Selene*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 94 [descr. incompl.].
Hab. Burma, Rangoon, N. India.
- ceylonicus*, Chaudoir, *Mon.*, p. 85.
Hab. Ceylon, Galle, Colombo (Bates).
- cycloderus*, Chaudoir, *Mon.*, p. 112.
Hab. India.
- denticulatus*, Chaudoir, *Mon.*, p. 98.
Hab. Cochinchina.
- dyschromus*, Chaudoir, Bull. Mosc., xxvii (i), 1855, p. 78; *id.*, *Mon.*, p. 82.
Hab. N. India.
- estriatus*, Fairmaire, Ann. Soc. Ent. Belg., 1887, p. 93.
Hab. China, Fukien.
- Geryon*, Hope, Gray's Zool. Misc., 1831, p. 21: ? MacLeay, Trans. Ent. Soc. N. S. Wales, i, 1863, p. 68 (Australia.)
Hab. Nepal.
- inconspicuous*, Chaudoir, Bull. Mosc., *l. c. supra*, p. 82; *Mon.*, p. 97.
Hab. N. India [*Ind. Mus.*, Jhelam Valley].
- indus*, Olivier, Ent., iii, 36, 1795, p. 9, t. 1, f 2 a-b: Dejean, Spec., i, p. 395: MacLeay, Annul. Javan., p. 55: Chaud., *Mon.*, p. 102.
Hab. India, Ceylon, Colombo [*Ind. Mus.*, Bengal, Tinpahar, Sâhibganj?].
- Hopterus*, Chaudoir, *Mon.*, p. 87.
Hab. N. India.

- longicaulus*, Chaudoir, *Mon.*, p. 86.
Hab. Philippines.
- manicus*, Bonelli, *Mém. Acad. Turin*, 1818, p. 473 : Dejean, *Spec.*, i, p. 394 ; Chaudoir, *Mon.*, p. 102.
Hab. India, Java, Philippines.
- opacus*, Chaudoir, *Bull. Mosc.*, xxvii (i), 1855, p. 88 ; *id.*, *Mon.*, p. 103.
? = *parvus*, Wiedemann, *Zool. Mag.*, ii (i), 1823, p. 37.
Hab. N. India, Bengal.
- orthomus*, Chaudoir, *Bull. Mosc.*, xxvii (i), 1855, p. 55 ; *id.*, *Mon.*, p. 88.
Hab. Himálaya.
- pacificus*, Bates, *Trans. Ent. S. Lond.*, 1873, p. 238 : Chaud., *Mon.*, p. 101.
Hab. Formosa, Japan.
- parallelus*, Dejean, *Spec.*, i, 1825, p. 382 : Chaudoir, *Mon.*, p. 86.
Hab. Java.
- praedator*, Chaudoir, *Mon.*, p. 97.
Hab. Burma, Rangoon.
- punctum*, Wiedemann, *Zool. Mag.*, ii (i), 1823, p. 38 : Chaudoir, *Mon.*, p. 127.
Hab. Bengal.
- semicircularis*, MacLeay, *Annul. Javan.*, 1825, p. 24 : Chaudoir, *Mon.*, p. 127.
? = *punctum* Wiedemann, *q. v.*
Hab. Java.
- semirugosus*, Chaudoir, *Bull. Mosc.*, xxvii (i), 1855, p. 90 ; *Mon.*, p. 82.
rugipennis, Chaudoir, *Bull. Mosc.*, *l. o.*, p. 82.
Hab. Bengal, Bangkok, Philippines.
- similis*, Chaudoir, *Mon.*, p. 83.
Hab. ? E. Asia.
- subnitens*, Chaudoir, *Bull. Mosc.*, xxvii (i), 1855, p. 87 ; *Mon.*, p. 103.
Hab. N. India.
- subproductus*, Chaudoir, *Mon.*, p. 90.
Hab. Siam, Bangkok.
- sulcatus*, Oliv., *Ent.* iii, 86, 1795, p. 7. t. 1, f. 11 ; Dejean, *Spec.*, i. p. 375 :
Chaud., *Mon.*, p. 80.
oblongus, Erichson, *Nova Acta Leop. Carol. Nat.*, xvi, Supp. 1, 1832, p. 220.
Hab. India, Macao, Formosa [*Ind. Mus.*, Sikkim, Assam ?].

Genus SCAPTERUS.

- Dejean, *Spec.*, ii, 1826, p. 471 : Lacord., *Gen. Col.*, i, p. 197 : *Mun. Cat.*, p. 188.
Putzeys, *Révision Olivinides*, *Ann. Soc. Ent. Belg.*, x, 1866, p. 7.
- aguloides*, R. Gestro, *Ann. Mus. Civ. Gen.*, xviii, 1882, p. 301, fig.
Hab. Burma.
- Guertzi*, Dejean, *Spec.*, ii, 1826, p. 472 ; *Icon. Col. Eur.*, i, t. 22, f. 3 : Guérin, *Le Règne Anim.*, t. 5, f. 3 a : Gray, *Griffith Anim. Kingd.*, Ins. ii, 1832, t. 8, f. 3.
Hab. India.

riparius, B. Gestro, Ann. Mus. Civ. Gen., xviii, 1862, p. 299, fig.
Hab. Burma, Minbia.

sulcatus, Putzeys, Mém. Roy. Soc. Liège, Postscr., 1862, p. 17 : † Chandoir, Rev. Mag. Zool. (2 s.), xv, 1863, p. 117.
Hab. N. E. India [*Ind. Mus.*, Sibságar, Assam].

Genus **TLIBOPS**.

Putzeys, Ann. Soc. Ent. Belg., x, 1866, p. 9 : Mun. Cat., p. 188.

oreolata, Chandoir, Rev. Zool. (2 s.), xv, 1862, p. 118.
Hab. Cochín China.

Dohrnii, Chandoir, *l. c.*, p. 118.
Hab. Java.

puncticollis, B. Gestro, Ann. Mus. Civ. Gen., xviii, 1862, p. 302.
Hab. Burma.

Genus **OXYGNATHUS**.

Dejean, Spec., ii, 1826, p. 478 ; Icon. Col. Eur., i, t. 22. f. 6 : Lacord., Gen. Col., i, p. 198 : Mun. Cat., p. 190.

elongatus (*Scarites*), Wiedemann, Zool. Mag., ii (1), 1823, p. 38 : Dejean, Spec., ii, p. 475.
Hab. India.

Genus **DAOXA**.

Putzeys, Mém. Liège, Postscr., 1862, p. 68 : Mun. Cat., p. 191.

forecipata, *Putzeys, l. c.*, p. 68, t. 1, f. 41.
Hab. India.

Genus **SPAROSTES**.

Putzeys, Révision, Ann. Soc. Ent. Belg., x, 1866, p. 27 : Mun. Cat., p. 192.

brevicollis, *Putzeys, l. c.*, p. 27.
Hab. N. China, † Canton.

striatulus, *Putzeys, l. c.*, p. 29.
Hab. India, Siam.

Genus **DYSCHIRIUS**,

Bonelli, Mém. Acad. Turin., 1813, p. 483 : Lacord., Gen. Col., i, p. 202 : Mun. Cat., p. 193 : *Putzeys, Monograph* Mém. Liège, ii, sep. 1846, p. 4 ; *id.*, Révision générale, Ann. Soc. Ent. Belg., x, 1866, p. 32 ; Suppl., *id.*, xi, 1868, p. 7 ; xvi, 1873, p. 10.

Acephorus, Leconte, Ann. Lyc. Nat. Hist., New York, v, 1851, p. 194.

Phreoryctes, Schmidt Goebel, Faun. Col. Birm., 1846, t. 3, f. 6.

{ *Reichsia*, Sanloy, Ann. Soc. Ent. Fr., (4 s) ii, 1862, p. 285 : *Putzeys, l. c.*, p. 39 : Mun. Cat., p. 193.

{ *Spilaeodytes*, Müller, Wien. Ent. Monats., vii, 1863, p. 23.

binodosus, *Putzeys, O. B. Ent. Belg.*, xxi, 1878, p. clxxiii.
Hab. Calcutta.

- dalmiellus*, Bates, Trans. Ent. S. Lond., 1873, p. 241.
Hab. Yangtse Valley, Japan, Nagasaki.
- debilis*, Schmidt Goebel, Faun. Col. Birm., 1846, t. 3, f. 6: Putzeys, *Rév.*, Ann. Soc. Ent. Belg., x, 1867, p. 97; *id.*, O. B. Ent. Belg., 1878, p. clxxiv.
interpunctatus, Putzeys, *Rév. l.e.*, p. 97.
pusillus (*Phreoryctes*), Schmidt Goebel: Putzeys, *Rév.*, p. 97. (*sec.* Dejean).
Hab. Burma, N. India.
- Doriae*, Putzeys, Ann. Soc. Ent. Belg., xvi, 1873, p. 14.
Hab. Borneo, Sarawak.
- fusus*, Putzeys, C. B. Soc. Ent. Belg., xxi, 1878, p. clxxii.
Hab. Calcutta.
- hispidulus*, Putzeys, *Rév.*, *l.e.*, p. 98.
Hab. Siam.
- impunctatus*, Putzeys, Ann. Soc. Ent. Belg., xi, 1868, p. 10.
? = *debilis*, Schmidt Goebel, *q. v.*
Hab. Siam, Bangkok.
- indicus*, Putzeys, *Rév.*, *l. e.*, p. 91.
Hab. N India.
- nitens*, Putzeys, C. B. Ent. Belg., xxi, 1878, p. clxxiii.
Hab. Calcutta.
- ordinatus*, Bates, Trans. Ent. S. Lond., 1873, p. 240.
Hab. Japan, Ceylon, Kandy.
- orientalis*, Putzeys, *Rév.*, p. 92: Bates, Trans. Ent. S. Lond., 1873, p. 241.
Hab. Hongkong, Japan.
- ovicollis*, Putzeys, Ann. Soc. Ent. Belg., 1873, p. 14.
Hab. Shanghai.
- porosus*, Putzeys, C. B. Soc. Ent. Belg., xx, 1877, p. xi.
Hab. Burma.
- rugifer*, Putzeys, *l.e.*, C. B., 1878, p. clxxvii.
Hab. Calcutta.
- Schmidtii*, Putzeys, *l.e.* 1877, p. xli.
Hab. Calcutta.
- stenoderus*, Putzeys, Ann. Soc. Ent. Belg., xvi, 1873, p. 13.
Hab. Shanghai.
- verticalis*, Putzeys, *l.e.* C. B., 1878, p. clxxii.
Hab. Calcutta.

Genus OLIVINA.

Latreille, Consid. génér., 1810, p. 156: Lacord., Gen. Col., i, p. 204: *Monograph*, Putzeys, Mém. Liège, ii, 1846; *Révision générale*, *id.*, Ann. Soc. Ent. Belg., x, 1866, p. 107: Mun. Cat., p. 198: Horn, Gen. Carab., p. 121: Bates, Biol. Centr. Amer., Col., i (i), p. 82.

Eupalamus, Motsch., Bull. Mosc., xxxiv (i), 1861, p. 101.

- advena*, Putzeys, *Révision*, 1866, p. 123.
Hab. India.
- agoma*, Putzeys, *Révision*, 1866, p. 131.
Hab. Siam.
- anceps*, Putzeys, *Mém. Liège, Postscr.*, 1862, p. 50 ; *id.*, *Révision*, p. 124.
Hab. India, Daoca.
- angularis*, Putzeys, *Révision*, 1866, p. 122.
Hab. India.
- assamensis*, Putzeys, *Mon.*, *Mém. Liège*, ii, 1846, p. 584, sep. p. 66 ; *id.*, *Postscr.*, p. 85 ; *Révision*, p. 108.
Hab. Assam.
- attenuata*, Herbst, *Natursyst. Ins., Käfer*, x, 1806, p. 264, t. 176, f. 7 ; Putzeys, *Révision*, p. 110.
melanaria, Putzeys, *Mon.*, 1846, p. 586, sep., p. 68.
picipes, Bonelli, *Mém. Acad. Turin*, 1813, p. 481 : Dejean, *Spec.*, i, p. 416 : Putzeys, *Mém. Liège*, 1846, p. 623 ; *id.*, *Postscr.*, 1863, p. 51.
Hab. India, Bengal, Assam.
- bengalensis*, Putzeys, *Mon.* 1846, p. 603, sep., p. 85 ; *id.*, *Révision*, p. 137.
Hab. Bengal.
- brevior*, Putzeys, *Révision*, 1866, p. 126.
Hab. Burma, Rangoon.
- brunnescens*, Motsch., *Bull. Mosc.*, xxxiv (i), 1861, p. 101.
Hab. Ceylon.
- capitata*, Putzeys, *Révision*, 1866, p. 122.
Hab. India.
- castanea*, Westwood, *Proc. Zool. S. Lond.*, 1837, p. 128 : Putzeys, *Révision*, p. 151, note.
Hab. Philippines, Manilla.
- cordicollis*, Motsch., *Bull. Mosc.*, xxxiv (i), 1861, p. 102.
Hab. Ceylon.
- divaricata*, Putzeys, *Révision*, 1866, p. 122.
Hab. India. [*Ind. Mus.* ?]
- dolens*, Putzeys, *Ann. Soc. Ent. Belg.*, xvi, 1873, p. 15.
Hab. Shanghai.
- elongatula*, Nietner, *Journ. As. Soc. Beng.*, xiv, 1856, p. 390 : *Ann. Mag. N. H.*, (2 s.) xix, 1857, p. 245 : Putzeys, *Révision*, p. 123.
Hab. Ceylon, Colombo.
- extensicollis*, Putzeys, *Mon.* 1846, p. 601 ; *id.*, *Révision*, p. 115.
Hab. Java.
- foveicollis*, Putzeys, *Mém. Liège, Postscr.* 1863, p. 61 ; *id.*, *Révision*, p. 133.
Hab. China.
- fulvaster*, Motsch., *Bull. Mosc.*, xxxiv (i), 1861, p. 101.
Hab. Ceylon.

- grammica*, Putzeys, C. B. Soc. Ent. Belg., xx, 1877, p. xi.
Hab. Calcutta.
- halferti*, Putzeys, *Révision*, 1866, p. 126.
Hab. India.
- humeralis*, Putzeys, *Mém. Liège, Postscr.* 1862, p. 48 ; *id.*, *Révision*, p. 125.
Hab. Sumatra.
- humilis*, Morawitz, Beitr. Käfer-fauna Ins. Jesso, i, 1868, p. 22 : Bates, Trans. Ent. S. Lond., 1873, p. 238.
vulgaris, Bohemann, Freg. Eng. Rees, Col., 1858, p. 9.
Hab. China, Hongkong, Yangtse Valley, Japan.
- hydropica*, Putzeys, *Révision*, 1866, p. 121.
Hab. N. India [*Ind. Mus.*—?].
- indica*, Putzeys, *Mon.*, 1846, p. 535, sep., p. 69 ; *id.*, Postscript, p. 35 : Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 72.
rugosifrons, Nietner, Journ. As. Soc. Ben., xxv, 1856, p. 390 : Ann. Mag. N. H., (2s.) xix, 1867, p. 245.
Hab. Ceylon, Colombo, N. India, Dekhan.
- javonica*, Putzeys, *Mon.*, 1846, p. 529, sep., p. 74 ; *id.*, *Révision*, p. 124.
Hab. Java.
- lata*, Putzeys, *Révision*, 1862, p. 131 : Bates, Trans. Ent. S. Lond., 1876, p. 3.
Hab. India.
- lobata*, Bonelli, *Mém. Acad. Turin.*, 1813, p. 481 : Dejean, Spec., i, p. 414 : Putzeys, *Mon.*, p. 599, sep., p. 81 ; *id.*, *Révision*, p. 120.
Hab. Bengal.
- marginicollis*, Putzeys, *Révision*, 1866, p. 123.
Hab. India.
- memnonia*, Dejean, Spec., v, 1831, p. 503 : Putzeys, *Mon.*, sep., p. 70 ; *id.*, *Révision*, p. 108.
Hab. Java.
- moerens*, Putzeys, Ann. Soc. Ent. Belg., xvi, 1873, p. 15.
Hab. Shanghai.
- mordax*, Putzeys, *Mém. Liège, Postscr.*, 1862, p. 67 : *Révision*, p. 133.
Hab. India.
- niponensis*, Bates, Trans. Ent. S. Lond., 1873, p. 239.
Hab. Yangtse Valley, Japan.
- parryi*, Putzeys, *Mém. Liège, Postscr.*, 1862, p. 60 ; *id.*, *Révision*, p. 130 : Bates, Trans. Ent. S. Lond., 1873, p. 233 ; *id.*, 1876, p. 3 ; *id.*, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 100.
olivinaoides, Schmidt Goebel, Faun. Col. Birm., 1846, t. 3, p. 4.
Hab. India, Nilgiris, Bombay, Rangoon, Bhamo, Teintso, Ceylon, Colombo, Yangtse Valley, Japan.
- pluridentata*, Putzeys, C. B. Soc. Ent. Belg., xx, 1877, p. xlii.
Hab. Calcutta.

- recta*, Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 203.
Hab. Ceylon.
- rufipes*, Motsch., Bull. Mosc., xxxiv (i), 1861, p. 102 ; Putzeys, *Révision*, p. 134.
Hab. Ceylon, Colombo.
- sabulosa*, MacLeay, Annul. Javan., 1825, p. 24 ; Putzeys, *Révision*, p. 119 note, 124.
Hab. Java.
- semicarinata*, Putzeys, C. R. Soc. Ent. Belg., xx, 1877, p. xlv.
Hab. Calcutta.
- siamica*, Putzeys, *Révision*, 1866, p. 124.
Hab. Siam.
- striata*, Putzeys, *Mon.*, 1846, p. 592, sep., p. 74 ; *Révision*, p. 110.
Hab. India, Coromandel.
- stricta*, Putzeys, Mém. Liège, Postscr., 1862, p. 49 ; *Révision*, p. 125.
Hab. Java.
- sulcigera*, Putzeys, *Révision*, 1866, p. 110.
Hab. Siam.
- tranquebarica*, Bonelli, Mém. Acad. Turin, 1813, p. 484.
Hab. India.
- transversa*, Putzeys, *Révision*, 1866, p. 125.
Hab. Siam.
- unicolor*, Herbst, *Natursyst. Ins., Käfer*, x, 1806, p. 265, t. 176, f. 9, g.
Hab. India.
- Westwoodii*, Putzeys, *Révision*, 1866, 109.
castanea, Putzeys, Mém. Liège, 1863, p. 35 (*nec* Westwood).
Hab. India, Ceylon, New Guinea.

Genus **CORYZA.**

- Putzeys, Ann. Soc. Ent. Belg., x, 1866, p. 194 : *Mun. Cat.*, p. 203.
- cariniceps* (Chaudoir), Putzeys, *l. c.*, x, 1866, p. 196.
Hab. N. India.
- maculata* (*Clivina*), Nietner, Journ. As. Soc. Beng., xxv, 1856, p. 391 : *Ann. Mag. N. H.*, (2 s.) xix, 1857, p. 246 ; Putzeys, Ann. Soc. Ent. Belg., x, p. 196.
Hab. Ceylon.
- Nietnerl, Putzeys, *l. c.*, p. 196.
: *maculata*, Putzeys, Mém. Liège, Postscr., 1862, p. 51 (*nec* Nietner).
Hab. India.

Genus **ANCUS.**

- Putzeys, Ann. Soc. Ent. Belg., x, 1866, p. 197 : *Mun. Cat.*, p. 204.
- bicornutus*, Putzeys, Mém. Liège, 1863, p. 45 ; *l. c. supra*, p. 198.
Hab. Siam.

Genus **ARDISTOMIS.**

Putzeys, *Mém. Liège*, ii, 1846, p. 636, sep., p. 118; *id.*, *Ann. Soc. Ent. Belg.*, x, p. 200; Lacord., *Gen. Col.*, i, p. 206; *Mun. Cat.*, p. 204.

paradoxa, Putzeys, *Ann. Soc. Ent. Belg.*, xi, 1868, p. 21.
Hab. Siam, Bangkok.

Genus **PSILUS.**

Putzeys, *C. B. Soc. Ent. Belg.*, xx, 1877, p. xlvii.

scutipalpis, Putzeys, *l.c.*, p. xlvii.
Hab. Calcutta.

Sect. **HARPALINGE BISETOSÆ**—Horn, *Gen. Carab.*, 1881, p. 122; Leconte & Horn, *Class. Col.*, p. 19.

PANAGAKINI:—Chaudoir, *Ann. Soc. Ent. Belg.*, xxi, 1878, p. 83; Horn, *Gen. Carab.*, p. 126; Leconte & Horn, *Class. Col.*, p. 22.

Genus **BRACHYONYCHUS.**

Chaudoir, *Monograph*, *Ann. Soc. Ent. Belg.*, xxi, 1878, p. 86.
Epicosmus, pt, Chaudoir, *olim.*

Andersoni, Bates *Journ. Linn. S. Lond.*, xxi, 1887, p. 135.
Hab. Mergui Archipelago (Elphinstone Island): [*Ind. Mus.* type].

humeralis (*Epicosmus*), Chaudoir, *Rev. Mag. Zool.*, (2s.), xxi, 1869, p. 69; *Mon.*, p. 89.
Hab. Cochin China.

laevipennis, Chaudoir, *Mon.*, p. 87.
Hab. Siam, Cochin China.

punctipennis, R. Gestro, *Ann. Mus. Civ. Gen.*, xviii, 1882, p. 305.
Hab. Laos.

sublaevis (*Epicosmus*), Chaudoir, *Rev. Mag. Zool.*, (2s.) xxi, 1869, p. 67; *Mon.*, p. 89.
Hab. Cambodia, Cochin China.

Genus **EPICOSMUS.**

Chaudoir, *Bull. Mosc.*, xvii, 1844, p. 512, note; *id.*, *l.c.*, xxxiv (2), 1861, p. 335; *Ann. Soc. Ent. Belg.*, xxi, 1878, p. 104.

Craspedophorus, pt, Hope, *Col. Man.*, i, p. 9; Lacord., *Gen. Col.*, i, p. 210; Murray, Schaum.

Eudema, pt., Lap. de Casteln. *Hist. Nat. Ins. Col.*, i, 1840, p. 137; *Mun. Cat.*, p. 208.

Isotarus, pt, Laferté, *Ann. Soc. Ent. Fr.*, (2s.) ix, 1861, p. 217; Chaudoir, *Ann. Soc. Ent. Belg.*, xxi, 1878, p. 134.

Panagaous, pt, Dejean *et quot.*

basifasciatus, Chaudoir, *Rev. Mag. Zool.*, (2s.) xxi, 1869, p. 115; *Ann. Soc. Ent. Belg.*, xxi, 1878, p. 127.

? = *Saundersii*, Chaudoir, *q.v.*

Hab. Laos, Cambodia.

Castelnauti, Chaudoir, Ann. Soc. Ent. Belg., xxi, 1878, p. 112.

bifasciatus, Lap. de Casteln., Et. Ent., 1834, p. 155 (*neo Fabr.*): Chaudoir, Bull. Mosc., xxxiv (2), 1861, p. 836.

Hab. India, Nilgiris, Coromandel, Colombo (Bates).

Foss, Gestro, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 101.

Hab. Burma, Bhamo, Teintso, Prome.

hexagonus, Chaudoir, Bull. Mosc., xxxiv (2), 1861, p. 338; *id.*, Ann. Soc. Ent. Belg., xxi, 1878, p. 114.

Hab. India [*Ind. Mus.*—?].

hilaris, Laferté, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 221, ♂: Chaudoir, Bull. Mosc., xxxiv (2), 1861, p. 345; *id.*, Ann. Soc. Ent. Belg., xxi, p. 110.

? *geniculatus* (*Panageus*), Wied., Zool. Mag., ii (1), 1823, p. 56: Chaud., Ann. Belg., *l.c. supra*, p. 112.

rufipalpis, Laferté, *l.c. supra*, p. 221, ♀.

Hab. India, N. Bengal.

laticollis, Chaudoir, Rev. Mag. Zool., (2s.) xxi, 1869, p. 114: Ann. Soc. Ent. Belg., xxi, p. 125.

Hab. Cambodia, Laos.

mandarinus (*Isotarsus*), Schaum, Ann. Soc. Ent. Fr., (3s.) 1853, p. 436: Chaud., Ann. Soc. Ent. Belg., xxi, p. 113: B. Gestro, Ann. Mus. Civ. Gen. xviii, 1882, p. 304.

Hab. Hongkong, Burma.

Mouhoiti, Chaudoir, Rev. Mag. Zool., (2s.) xxi, 1869, p. 69; Ann. Belg., *l.c. supra*, xxi, p. 124.

Hab. Cambodia, Laos.

notulatus, Fabr., Syst. Eleuth., i, 1801, p. 201: Schönherr, Syn. Ins., i, p. 209; Chaudoir, Ann. Belg., *l.c. supra*, p. 115.

elegans, Dejean, Spec. ii, 1826, p. 290: Laferté, *l.c. supra*, p. 221; Schaum, Ann. Soc. Ent. Fr., (3s.) i, 1853, p. 432.

Hab. Bengal, Dekhan [*Ind. Mus.*].

pubiger, Chaudoir, Bull. Mosc., xxxiv (2), 1861, p. 337: Ann. Belg., *l.c., supra*, p. 122.

Hab. India.

Saundersi, Chaudoir, Rev. Mag. Zool., (2s.) xxi, 1869, p. 114; Ann. Belg., *l.c. supra*, p. 125.

? *bastfasciatus*, Chaudoir, *g. v.*

Hab. Cambodia.

Genus EUDEMA.

Lap. de Casteln., pt, Hist. Nat. Col., i, 1840, p. 137: Chaudoir, *Monograph.*, Ann. Soc. Ent. Belg., xxi, 1878, p. 133.

Pimelia & Carabus, Fabricius: *Isotarsus*, pt, Laferté: *Panageus*, Dejean, *g. avot.*

angulatum, Fabr., Spec. Ins., i, 1781, p. 302; Mant. Ins., i, p. 107; Ent. Syst., i, p. 148 (*neo Syst. Eleuth.*, i, p. 203): Gmelin, ed., *Syst. Nat.*, iv, p. 1963:

- Olivier, Ent., iii, 35, p. 38, t. 7, f. 76; id., Enc. Méth., Carab., No. 41: Schönherr, Syn. Ins., i, p. 166: Chaudoir, Bull. Mosc., xxxiv (2), 1861, p. 336: Schaum, Ann. Soc. Ent. Fr., (3s.) i, 1853, p. 431.
- fossiatum* (*Pimelia*), Fabr., Spec. Ins., i, p. 318; Mant. Ins., i, p. 209; Ent. Syst., i, p. 104: Schönherr, Syn. Ins., i, p. 166: Chaudoir, Bull. Mosc., xxxiv (2), 1861, p. 336; id., *Mon. l. c. supra*, p. 133.
- tomentosum* (*Panagaus*), Vigors, Zool. Journ., i, 1825, p. 657, t. 20, f. 1: Dejean, Spec., ii, p. 284: Schaum, Ann. Soc. Ent. Fr., (3s.) i, 1853, p. 431. Hab. India, Nilgiris, Coromandel, Pondicherry [*Ind. Mus.*, Utakamand, Orissa, China].
- sundaicum*, Oberthür, Notes Leyden Mus., v, 1883, p. 221.
Hab. E. Sumatra, Serdang.
- transversum* (*Epicosmus*), Motsch., Bull. Mosc., xxxvii (3), 1864, p. 332.
Hab. India.

Genus LOROSTEMMA.

- Motschulsky, Bull. Mosc., xxxvii (3), 1864 p. 329: Mun. Cat., p. 212.
Lorostema, Motsch., *l. c. supra*.
- alutacea*, Motsch., *l. c. supra*, p. 330.
Hab. India, Tranquebar.

Genus MICROCOSMUS.

- Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xxi, 1878, p. 139.
Craspedophorus, pt, Murray, Schaum.
Isotarsus, pt, Laferté.
Panagaus, pt, Dejean & auct.
- savoitlesus*, Chaudoir, Bull. Mosc., xxxiv (2), 1861, p. 348: Ann. Belg., *l. c. supra*, p. 142: Bates, Trans. Ent. S. Lond., 1873, p. 243.
Hab. Bengal, Formosa, Japan.

Genus DISCHISSUS.

- Bates, Trans. Ent. S. Lond., 1873, p. 243: Chaud., Ann. Soc. Ent. Belg., xxi, 1878, p. 149; Rev. Zool., (3s.) vi, p. 86.
Panagaus, MacLeay, Lap. de Castelnau: *Craspedophorus*, pt, Murray, Schaum: *Isotarsus*, pt, Laferté, Schaum.
- borneensis*, Fivaldsky, Term. füz., vi, 1883, p. 134.
Hab. Borneo.
- corvus* (*Panagaus*), MacLeay, *Annul. Javan.*, 1825, p. 12: Chaud., Rev. Mag. Zool., (2s.) xxi, 1869, p. 116; Ann. Soc. Ent. Belg., xxi, 1878, p. 160.
? *corvus*, Lap. de Casteln., Et. Ent., 1834, p. 166.
Hab. Java.
- guttiferus*, Schaum, Ann. Soc. Ent. Fr., (3s.) i, 1853, p. 437: Chaud., Ann. Soc. Ent. Belg., xxi, 1878, p. 151.
Hab. Java.

- longicornis* (*Craspedophorus*), Schaum, Berlin. Ent. Zeits., 1863, p. 84 : Chaud., Ann. Soc. Ent. Belg., p. 153.
Hab. Nilgiris, Hongkong, N. China.
- quadrinotatus* (*Peronomerus*), Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 333 : Chaud., Ann. Soc. Ent. Belg., xxi, p. 152 : Bates, Trans. Ent. S. Lond., 1873, p. 244.
Hab. ? India, Japan.

Genus **EUSCHIZOMERUS.**

- Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 413 : Lacord., Gen. Col., i, p. 212 : Ann. Soc. Ent. Belg., xxi, 1869, p. 157 : Mun. Cat., p. 211.
- aenestipennis*, Chaudoir, Rev. Mag. Zool. (2s.), xxi, 1869, p. 118 ; *id.*, Ann. Soc. Ent. Belg., xxi, p. 159.
?=*denticollis*, Kollar, *g. v.*
Hab. Malacca.
- aeneus*, Chaudoir, Rev. Mag., *l. c.*, p. 118 : *id.*, Ann. Belg. *l. c. supra*, p. 160.
Hab. Dekhan.
- denticollis*, Kollar, Ann. Wien Mus., i, 1836, p. 334, t. 31, f. 2, a. b.
Hab. ? India.
- metallicus*, Harold, Stettin. Ent. Zeit. xi, 1879, p. 381.
Hab. India.

Genus **PERONOMERUS.**

- Schaum, Ann. Soc. Ent. Fr., (3s.) i, 1853, p. 440 : Chaudoir, Ann. Soc. Ent. Belg., xxi, 1878, p. 162 : Mun. Cat., p. 211.
- fumatus*, Schaum, Ann. Soc. Ent. Fr., (3s.) i, 1853, p. 440 : Chaudoir, Ann. Soc. Ent. Belg., xxi, p. 162 : Bates, Trans. Ent. S. Lond., 1873, p. 245 ; *ib.*, 1883, p. 234.
aeratus, Chaudoir, Bull. Mosc., xxxiv (2), 1861, p. 354.
? *nigrinus*, Bates, Trans. Ent. S. Lond., 1873, p. 245 : Chaudoir, Ann. Soc. Ent. Belg., xxi, 1878, p. 164.
Hab. India, Dacca, Hong-Kong, Japan [*Ind. Mus.*, Hong Kong].

Genus **TRICHISIA.**

- Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 331 : Chaudoir, *l. c.*, xliv (2), 1872, p. 283 ; *id.*, Ann. Soc. Ent. Belg., xxi, 1878, p. 164 : Mun. Cat., p. 211.
Epicosmus, pt., Chaudoir, *olim* : *Eudema*, pt., Lap. de Casteln.
Isotarsus, pt., Laferté, Schaum.
- cyanea* (*Isotarsus*), Schaum, Ann. Soc. Ent. Fr., (3s.) i, 1853, p. 439 : Chaudoir, Ann. Soc. Ent. Belg., xxi, p. 165.
cyaneocens, Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 332.
Hab. India, Hong-Kong.
- morio* (*Isotarsus*), Laferté, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 221, note 4 : Chaudoir, Ann. Soc. Ent. Belg., xxi, 1878, p. 165.
Hab. Bengal, Dekhan.

SIAGONINI, Lacordaire, Gen. Col. i, 1854, p. 162 : Chaudoir, Bull. Mosc. 1 (i), 1876, p. 62 : Horn, Gen. Carab. p. 127.

Genus **SIAGONA.**

Latreille, Gen. Crust. & Ina., i, 1806, p. 160 : Lacord., Gen. Col. i, p. 162 : Mun. Cat., p. 161 : Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 439 ; *Monograph ib.*, 1 (i), 1876, p. 76.

atrata Dejean, Spec., i, 1825, p. 360 : Chaudoir, *Mon.*, p. 86.
Hab. India, Dekhan, Burma.

Bacconii Chaudoir, *Mon.*, p. 89.
Hab. N. India, Burma.

cinctella, Chaudoir, *Mon.*, p. 95.
Hab. Burma, Rangoon.

depressa (*Galerita*), Fabr., Ent. Syst. Suppt., 1798, p. 56 : *id.*, Syst. Eleuth., i, p. 215 : Chaudoir, *Mon.* p. 90 : Bedel, Ann. Soc. Ent. Fr., (6 s.) vii, 1887, p. 195. *europæa*, Dejean, Spec., ii, 1826, p. 468 ; Ic. Col. Eur., i. t. 20, f. 2 : Chaudoir, *Mon.*, p. 91 : ? Gray, Griffith An. Kingd. Ins., i, 1832, t. 8, f. 1. *Oberleitneri*, Dejean, Spec., v, 1831, p. 477 : Ic., i. t. 20, f. 3 : Peyron, Ann. Soc. Ent. Fr., (3 s.), 1858, p. 389.
Hab. Mediterranean & Caspian regions, Senegal, Nubia, Persia, India [*Ind. Mus.*, China, Bengal, Sâhibganj].

fosus (*Galerita*), Fabr., Syst. Eleuth., i, 1801 p. 216 : Dejean, Spec., i, 1825, p. 363 : Chaudoir, *Mon.*, p. 94.
dorsalis, Dejean, Spec. v, 1831, p. 477.
Hab. India, Senegal.

germana, Chaudoir, *Mon.*, p. 96.
Hab. Coromandel (? Pondicherry, Nilgiris).

induta, Chaudoir, *Mon.*, p. 98.
Hab. India, Dekhan.

obscuripes, Chaudoir, *Mon.*, p. 86.
Hab. Burma, Rangoon.

plagiata, Chaudoir, *Mon.*, p. 93.
Hab. India, Dekhan.

plana, Bonelli, Mém. Acad. Turin, 1813, p. 458 : Bedel, Ann. Soc. Ent. Fr., (6. s.) vii, 1887, p. 195.
depressa, Dejean, Spec., i, 1825, p. 361 (*nec* Fabr.) : Chaud., *Mon.*, p. 90.
Hab. India, Dekhan, Coromandel.

pubescens, Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 439 ; *Mon.*, p. 95.
var. **dilutipes**, Chaudoir, Bull. Mosc., l. c., p. 440.
Hab. N. India [*Ind. Mus.*, Sâhibganj, Rangoon].

punctatissima, Chaudoir, *Mon.*, p. 106.
Hab. N. India, Simla.

punctulata, Chaudoir, *Mon.*, p. 99.
Hab. India, Dekhan.

sublaevis, Chaudoir, *Mon.*, p. 86.

Hab. Malacca, Bangkok, Cambodia.

OZAEINI:—Lacordaire, *Gen. Col.*, i, p. 155: *Revision*, Chaudoir, *Ann. Soc. Ent. Belg.*, xi, 1867-68, p. 45: Horn, *Gen. Carab.*, p. 128: Leconte & Horn, *Class. Col.*, p. 23.

Genus **PSEUDOZAENA**.

Lap. de Casteln., *Et. Ent.*, i, 1834, p. 55: *Mun. Cat.*, p. 158.

Hoplognathus, Chaudoir, *Bull. Mosc.*, xxi, 1848, p. 101.

Osaena, Klug, Dejean, ? pt. Lap. de Casteln., *see* Olivier.

Picrus, Chaudoir, *Bull. Mosc.*, xxvii (i), 1854, p. 290; *Revision*, p. 46.

obscura (*Picrus*), Chaudoir, *Ann. Soc. Ent. Belg.*, xi, 1867-8, p. 46.

Hab. Borneo.

opaca (*Picrus*), Chaudoir, *l. c.*, p. 46.

Hab. India.

orientalis (*Osaena*). Klug, *Jahrb. Ins.*, 1834, p. 81, t. 1, f. 8: Chaudoir, *Bull.*

Mosc., xxi (i), 1848, p. 101; *id.*, xxvii (2), 1854, p. 291; *id.*, *Ann. Soc. Ent.*

Belg., xi, p. 45.

megacephala (*Pseudozaena*), Lap. de Casteln., *Et. Ent.*, i, 1834, p. 54, t. 2, f. 4.

Hab. Java, Borneo, Malacca.

Genus **ITAMUS**.

Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 66: Lacord., *Gen. Col.*, i, p. 160:

Mun. Cat., p. 159: Chaudoir, *Ann. Soc. Ent. Belg.*, xi, 1867, p. 51.

castaneus, Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 67: Chaudoir, *l. c. supra* p. 51.

Hab. Burma.

Genus **EUSTRA**.

Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 65: Lacord., *Gen. Col.*, i, p. 161:

Mun. Cat., p. 161: Chaudoir, *Bull. Mosc.*, xxvii (i), 1854 p. 309: *id.*, *Ann. Soc. Ent. Belg.*, xi, 1867, p. 71.

plagiata, Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 66, t. 3, f. 1: Chaudoir, *Bull.*

Mosc., xxvii (2), 1854, p. 309; *id.*, *Ann. Soc. Ent. Belg.*, xi, p. 71: Bates,

Trans. Ent. S. Lond., 1873, p. 237.

Hab. Burma, Martaban, Japan.

NOMIINI:—Horn, *Gen. Carab.*, 1881, p. 129: Leconte & Horn, *Class. Col.*, p. 24.

Coscinini, Chaudoir, *Bull. Mosc.*, i (i), 1876, p. 115.

Genus **COSCINIA**.

Dejean, *Spec.*, v, 1831, p. 478: Lacord., *Gen. Col.*, i, p. 167: *Mun. Cat.*, p. 162:

Chaudoir, *Bull. Mosc.*, i (i), 1876, p. 115.

Cymbionotum, Baudi, *Berlin. Ent. Zeits.*, 1864, p. 211.

Graniger, Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 197.

Tryckina, Klug, Symb. Phys., 1832.

fascigera, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 92; *ib.*, 1 (i), 1876, p. 121.

Hab. N. India.

halferti, Chaudoir, Bull. Mosc., xxxii (2), 1850, p. 441; *ib.*, 1 (i), 1876, p. 122.

Hab. Burma, Martaban, Siam.

MORIONINI:—Lacordaire, Gen. Col., i, p. 180; Chaudoir, Bull. Mosc., lv (i), 1880, p.

317; Horn, Gen. Carab. p. 132; Leconte & Horn, Class. Col., p. 26; Bates,

Biol. Centr. Amer., Col., i (i), p. 88.

Genus **MORIO**.

Latreille, Consid. Gén., 1810, tab. méth.: Lacord., Gen. Col., i, p. 183; Mun. Cat., p.

172; Putzeys, Stettin. Ent. Zeit., xl. 1879, p. 283; Chaudoir, *Monograph*, Bull.

Mosc., lv (i), 1880, p. 327.

Harpalus, pt, Latreille; *Soarites*, pt, Pal. Beauv.

augustus, Chaudoir, Bull. Mosc., lv (i), 1880, p. 346.

Hab. Philippines.

brevior, Putzeys, Ann. Mus. Civ. Gen., iv, 1873, p. 217; vii, p. 727; Chaud., *l. c.*

supra, p. 340.

Hab. Borneo, Sarawak.

cordicollis, Chaudoir, Bull. Mosc., lv (i), 1880, p. 343.

Hab. Borneo, Kandy, Balangoda (*Bates*).

enajoidea, Walker, Ann. Mag. N. H., (3s) ii, 1858, p. 203; ? Chaud., *l. c. supra*, p.

342; Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 211.

Hab. Ceylon.

dorsae, Putzeys, Ann. Mus. Civ. Gen., iv, 1873, p. 217; vii, p. 727; Chaud., Bull.

Mosc., lv (i), p. 345.

Hab. Borneo, Sarawak.

intermedius, Chaudoir, Bull. Mosc., lv (i), 1880, p. 344.

Hab. Philippines, Batchian, Ternate, ? Java.

luscus, Chaudoir, *l. c.*, xxv (i), 1852, p. 81; *ib.*, lv (i), 1880, p. 344; Putzeys,

Ann. Mus. Civ. Gen., vii, p. 726.

Hab. Siam, Philippines, Amboina, Ternate.

orientalis, Dejean, Spec., i, 1825, p. 432; Putzeys, Ann. Mus. Civ. Gen., iv, p. 216;

Bates, *l. c.*, (2s.) vii, 1889, p. 106; Chaud., Bull. Mosc., lv (i), 1880, p. 338.

Hab. Java, Burma, Bhamo, Meetan, [*Ind. Mus.*, Tavoy, Tenasserim].

subconvexus, Chaudoir, Bull. Mosc., lv (i), 1880, p. 340.

Hab. ? Java.

submarginatus, Chaudoir, *l. c.*, p. 342.

Hab. ? Borneo, Sunda Islands.

trogositoides, Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 203, *neo* Chaudoir, Bull.

Mosc., xxv (i), 1852, p. 81; Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 143, 211,

Hab. Ceylon, ? Andaman Islands.

Walkerii, Putzeys, Ann. Mus. Civ. Gen., iv, 1873, p. 216 : Chaud., Bull. Mosc., iv (i), 1880, p. 341.

Hab. Ceylon, Kandy (*Bates*).

Genus **MORIOIDIUS.**

Chaudoir, Bull. Mosc., iv (i), 1880, p. 380.

Dorise, Chaudoir, *l. c.*, p. 383.

Hab. Borneo, Sarawak.

BEMBIDIONINI:—Lacordaire, Gen. Col., i, 1854, p. 379 : Horn, Gen. Carab., p. 133 : Leconte & Horn, Class. Col., p. 27.

Genus **TACHYPUS.**

Lacordaire, Gen. Col., i, 1854, p. 381 : Mun. Cat., p. 400.

indicus, Chaudoir, Bull. Mosc., xxiii (3), 1850, p. 189.

Hab. N. India.

semilucidus, Motschulsky, Et. Ent. 1861, p. 24 ; Bull. Mosc., xxxvii (3), 1864, p. 180 : Bates, Trans. Ent. S. Lond., 1873, p. 300.

nubifer, Morawitz, Bull. Acad. St. Petersb., v, 1862, p. 327.

Hab. Hongkong, Japan, Amuria.

Genus **BEMBIDION.**

Latreille, Hist. Nat. Ins., viii, 1804, p. 221 : Lacord., Gen. Col., i, p. 382 : Jacq.

Duval, *Monograph* (Eur. Spec.), Ann. Soc. Ent. Fr., (2 s.) ix, 1851, p. 441 ; x, 1852, p. 101 : Schaum, Berlin. Ent. Zeits., iv, 1860, p. 198 : Mun. Cat., p. 405.

Actedium, Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 182.

Amerizus, Chaudoir, Rev. Mag. Zool., 1868, p. 216.

Apteromimus, Wollaston, Col. St. Helena, 1877, p. 7.

Bembicidium, Mun. Cat. p. 405.

Campa, Motschulsky, Ins. Sib., 1842, p. 263 ; Bull. Mosc., *l. c. supra*, p. 185.

Chlorodium, Motschulsky, Bull. Mosc., *l. c. supra* p. 182.

Cillenus, Samouelle, Ent. Comp., 1819, p. 148 : Curtis, Brit. Ent., i, 1828, p. 200.

Emphanes, Motschulsky, Käfer Russl., 1850 : Bull. Mosc., *l. c. supra*, p. 185.

Endosomatium, Wollaston, Col. St. Helena, 1877, p. 8.

Eudromus, Kirby, Faun. Bor. Amer. 1837, p. 55.

Eurytrachelus, Motschulsky, Käfer Russl., 1850 ; Bull. Mosc., *l. c. supra*, p. 183.

Hydrium, Leconte, Ann. Lyc. Nat. Hist. N. York, iv, 1848, p. 353 : Motsch., Bull. Mosc., *l. c. supra*, p. 186.

Leja, Dejean, Spec., v, 1831, p. 150.

Lopha, Dejean, *l. c.*, p. 183 : Motsch., Bull. Mosc., *l. c. supra*, p. 190.

Lymnaeum, Stephens, Ill. Brit. Ent., ii, 1829, p. 3 : Motsch., Bull. Mosc., *l. c. supra*, p. 133.

Metallina, Motschulsky, Käfer Russl., 1850 ; Bull. Mosc., *l. c. supra*, p. 187.

Neja, Motschulsky, Bull. Mosc., *l. c.*, p. 188.

- Nepha*, Motschulsky, *l. c.*, p. 190.
Notaphus (Megerle), Stephens, Ill. Brit. Ent. ii, 1829, p. 4; Motsch., Bull. Mosc., *l. c.*, p. 184.
Ooathedromus, Leconte, *l. c. supra* p. 153.
Oeys, Stephens, *l. c. supra*, p. 10; Motsch., Bull. Mosc., *l. c. supra*, p. 188.
Ocydromus, Clairville, Ent. Helv., ii, 1806, p. 20.
Odontium, Leconte, *l. c. supra*, p. 352.
Omala, Motschulsky, Ins. Sib., 1842, p. 250.
Poryphus, Dejean, Spec. v. 1831, p. 101; Motsch., Bull. Mosc. *l. c. supra*, p. 189.
Phila, Motschulsky, Ins. Sib., 1842, p. 260; Bull. Mosc., xxxvii (3), 1864, p. 188.
Philoctithus, Stephens, *l. c. supra*, p. 7; Motsch., Bull. Mosc., *l. c.* p. 186.
Plataphus, Motschulsky, Bull. Mosc., *l. c. supra*, p. 184.
Princidium, Motschulsky, *l. c. supra*, p. 181.
Pseudophiloctithus, Wollaston, Col. St. Helena, 1877, p. 7.
Sinechostictus Motschulsky, Bull. Mosc., *l. c. supra*, p. 186.
Talanes, Motschulsky, *l. c. supra*, p. 187.
Testedium, Motschulsky, *l. c. supra*, p. 182.
Trepanes, Motschulsky, *l. c. supra*, p. 186.
- callipygum*, Bohemann, Freg. Eug. Resa, Cól., 1858, p. 17.
 Hab. Hongkong.
- alorum*, Bates, Trans. Ent. S. Lond., 1873, p. 332.
 Hab. Yangtse Valley, Japan.
- collutum* Bates, *l. c.*, p. 332.
 Hab. Yangtse Valley, Fuchau.
- europe*, Bates, Ann. Mag. N.H., (5s.) xvii, 1886, p. 156.
 Hab. Ceylon, Kandy.
- luridipenne*, Schaum, Berlin. Ent. Zeits., iv, 1860, p. 199.
 Hab. Bengal.
- nitidum*, Dejean, Spec., v, 1831, p. 73; Bates, Trans. Ent. S. Lond., 1873, p. 301; *id.*, 1883, p. 269.
Baterii (*Notaphus*), Putzeys, C. B. Soc. Ent. Belg., xviii, 1875, p. lii.
opulentum, Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 420.
 Hab. Egypt, Japan, China, Ceylon.
- pamirense*, Bates, Proc. Zool. S. Lond., 1878, p. 718.
 Hab. Pamir, between Sirikol and Pangu [*Ind. Mus.*, type].
- punctipenne*, Bates, *l. c.*, p. 718.
 Hab. ? Pámir or near Yarkand [*Ind. Mus.*, type].
- teniatum*, Wiedemann, Zool. Mag., ii (i), 1823, p. 62.
 Hab. Bengal.
- xanthacrum*, Chaudoir, Bull. Mosc., xxiii (3), 1850, p. 175, note.
 Hab. N. India.

Genus **TACHYNOTUS.**

Motschulsky, Bull. Mosc., xxxiv, (i), 1861, p. 100 : Mun. Cat., p. 395.

castaneus. Motschulsky, *l.c. supra*, p. 100, t. 9. f. 1.

Hab. Ceylon.

Genus **TACHYS.**

(Ziegler) Motschulsky, Käfer Busch, 1850 : Mun. Cat., p. 401 : Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 737 ; Bates, Biol. Centr. Amer., Col., i (i), p. 158.

[Although Motschulsky's revision of the genus (summarised in Et. Ent., 1862, p. 27) has not been generally accepted, his observations deserve apparently more attention than has hitherto been given to them. I reproduce here the arrangement proposed by him in his own words :—

I.—*Antennes allongées, composées d'articles plus longs que larges.*

(a) corps plus ou moins convexe, ovalaire, luisant :—

1. élytres rétrécies vers la base, glabres au milieu, avec un petit sillon basal et un entier vers la suture et la marge latérale :—*Tachylopha.*

2. élytres profondément sillonnées vers la suture :—*Tachyura—Klugii, orientalis,* Nietner.

(b) corps plus ou moins déprimé, oblong ou parallèle, avec un reflet métallique, changeant sur les élytres, qui sont striées, surtout vers la suture. *Tachys.*

(c) corps déprimé, allongé, parallèle ; élytres multistriées ; tête petite, courte ; troisième article de palpes max. élargi. *Lymnastis—pullulus, indicus,* Motsch.

II.—*Antennes pas ou à peine plus longues que la moitié du corps, robustes, grossissant vers l'extrémité et composées d'articles plus ou moins larges.*

(a) corps déprimé presque parallèle ; cotés du corselet rebordés sur toute leur largeur, sans angles relevés en arrière ; élytres multistriées ; elles vivent sous l'écorce des arbres. *Tachymenis—umbrosa,* Motsch.

(b) corps un peu convexe, ovalaire ; cotés du corselet rebordés seulement en arrière, avec les angles à peine saillants ; élytres glabres, sans striés, ou à peine marquées de chaque côté de la suture des sillons plus ou moins effacés ; palpes grands, de la longueur de la tête ; graduellement atténués en avant. *Polyderis—tenellus,* Motsch.

To these I have added

Elaphropus, Motsch., Bull. Mosc., xii, 1839, p. 4 ; *id., id.,* xxii, 1859, p. 40, f. 4 : Mun. Cat., p. 400—*gracilis, latissimus,* Motsch.]

acaroides, Motsch., Et. Ent., 1859, p. 39 : Putzeys, Ann. Mus. Civ. Gen., vii, p. 240. Hab. Ceylon, Colombo.

albicornis. Schaum, Berlin Ent. Zeits., iv, 1860, p. 199. Hab. Hongkong.

amplians, Bates, Ann. Mag. N. H., (5 s.) xvii, 1886, p. 155. Hab. Ceylon, Kandy.

anceps, Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 742. Hab. India.

- arcuatus*. Putzeys, *l. c.*, p. 744.
Hab. Ceylon.
- atomarius*. Wollaston, Col. Hesperid., 1868, p. 28 : Bates, Ann. Mag. N. H., (5 s.) xvii, p. 162.
microscopica, Bates, Trans. Ent. S. Lond., 1873, p. 299.
? *tenella* (*Polydoris*), Motsch., Et. Ent., 1862, p. 35.
Hab. Cape Verd Islands, Ceylon (Bogawantalawa).
- bioculatus*. Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 743 : Bates, *l. c.*, (3 s.) vii 1889, p. 105.
Hab. Ceylon ; Burma, Bhamo, Teintso, Tenasserim.
- ceylanicus* (*Bombidium*), Nietner, Ann. Mag. N. H., (3 s.) ii, 1858, p. 423.
Hab. Ceylon.
- clactipennis*. Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 99.
Hab. Ceylon, Colombo.
- coracinus*, Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 739.
Hab. Borneo, Sarawak.
- dorsalis*, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 508.
Hab. India.
- emarginatus* (*Bombidium*), Nietner, Ann. Mag. N. H., (3 s.) ii, 1858, p. 425 : Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 739 : Bates, Ann. Mag. N. H., (5 s.) xvii, 1886, p. 155.
scydmaenoides, Bates, Trans. Ent. S. Lond., 1873, p. 299 (*neo* Nietner).
Hab. Ceylon, Colombo (*Bates*), Fuchau, Lower Yangtse Valley.
- oides*, Bates, Ann. Mag. N. H., (6 s.) xvii, 1886, p. 153.
Hab. Ceylon, Dikoya.
- nitidus* (*Bombidium*), Walker, Ann. Mag. N. H., (3 s.) ii, 1858, p. 204.
Hab. Ceylon.
- navicularis*, Motschulsky, Et. Ent., 1859, p. 39.
Hab. Ceylon.
- fumigatus*, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 509.
Hab. India.
- fuscus*, Schaum, Berlin Ent. Zeita, iv, 1860, p. 200 : Putzeys, Ann. Mus. Civ. Gen., vii, p. 741.
Hab. Hongkong.
- gracilis* (*Elaphropus*), Motsch., Et. Ent., 1862, p. 36.
Hab. India.
- gradatus*, Bates, Trans. Ent. S. Lond., 1873, p. 331.
Hab. Fuchau, China.
- imprespennis*, Motschulsky, Et. Ent., 1859, p. 39 : Putzeys, Ann. Mus. Civ. Gen., vii, p. 745.
Hab. Ceylon, Colombo.
- impresna*, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 508.
Hab. India.

- indicus** (*Lymnæus*), Motsch., Bull. Mosc., xxiv (4), 1851, p. 507; *id.* (*Lymnæus*), Et. Ent., 1862, p. 27.
Hab. India.
- infans**, Bates, Ann. Mag. N. H., (6s.) xvii, 1886, p. 154.
Hab. Ceylon, Kandy.
- Kingii** (*Bembidium*), Nietner, Ann. Mag. N. H., (3 s.) ii, 1858, p. 423.
Hab. Ceylon.
- latissimus** (*Elaphropus*), Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 508; *id.*, Et. Ent., 1859, t. 1, f. 5.
Hab. India.
- Nietnerii** (*Tachyta*), Schaum, Berlin. Ent. Zeits., vii, 1863, p. 88.
Hab. Ceylon.
- notaphodes**, Bates, Ann. Mag. N. H., (6s.) xvii, 1886, p. 156.
Hab. Ceylon, Kitugalle.
- orientalis** (*Bembidium*), Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 425.
Hab. Ceylon.
- ornatus** (*Bembidium*), Nietner, *l. c.*, p. 426; Putzeys, Ann. Mus. Civ. Gen., vii, p. 741.
Hab. Ceylon, Kandy (*Bates*).
- ovatus** (*Lopha*), Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 509.
albicornis, Schaum, Berlin. Ent. Zeits., iv, 1860, p. 199.
Hab. Hongkong.
- parallellus** Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 507.
Hab. India.
- perypinus**, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 153.
Hab. Ceylon, Kitugalle.
- poecilopterus**, Bates, Trans. Ent. S. Lond., 1873, p. 331.
Hab. Fuchau, China.
- politus**, Motsch., Bull. Mosc., xxiv (4), 1851, p. 509; Putzeys, Ann. Mus. Civ. Gen., vii p. 743.
obovatus (*Bembidium*), Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 424.
Hab. Ceylon.
- pullulus** (*Lymnæus*), Motschulsky, Et. Ent., 1862, p. 31.
Hab. India.
- scydmaenoides** (*Bembidium*), Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 427.
Hab. Ceylon, Colombo (*Bates*); Yangtse Valley (*Lewis*).
- sericeus**, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 507.
Hab. India.
- spilotus**, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 152.
Hab. Ceylon, Colombo.
- subvittatus**, Bates, *l. c.*, p. 161.
Hab. Ceylon, Dikoya.

- salcatus* (*Tachys*), Motsch., Bull. Mosc., xxiv (4), 1851, p. 509 : Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 740.
Hab. India.
- sulcatus*, Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 743.
Hab. Hongkong.
- suturalis* (*Tachys*), Motsch., Bull. Mosc., xxiv (4), 1851, p. 508 : Putzeys, *l. c.*, *supra*, p. 746.
Hab. India.
- tenellus*, Motsch., Et. Ent., 1862, p. 35.
Hab. India.
- triangularis* (*Bembidium*), Nietner, Journ. As. Soc. Beng., 1857, p. 72 : Ann. Mag. N. H., (3s.) ii, 1858, p. 422 : Schaum, Berlin. Ent. Zeits., 1863, p. 72 : Bates, Trans. Ent. S. Lond., 1873, p. 298.
atriclops, W. MacLeay, Trans. Ent. S. N. S. Wales, 1871, p. 116.
Hab. Egypt, Yemen (Arabia), Japan, Yangtse Valley, Ceylon, Colombo, Dikoya (*Bates*), Celebes, Melbourne, Queensland.
- tropicus* (*Bembidium*), Nietner, Ann. Mag. N. H., (2s.) ii, 1858, p. 421.
Hab. Ceylon, Dikoya (*Bates*).
- truncatus* (*Bembidium*), Nietner, *l. c.*, p. 421.
Hab. Ceylon.
- umbrosus*, Motsch., Bull. Mosc., xxiv (4), 1851, p. 507 ; *id.*, *ib.*, xxv, 1862, p. 32. (*Tachymenis*), Et. Ent., ix, 1862, p. 32.
? *extremus* (*Acupalpus*), Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 204.
Hab. India, Ceylon, Dikoya (*Bates*), Kiukiang in Yangtse Valley.
- vixtriatus*, Bates, Trans. Ent. S. Lond., 1873, p. 311.
Hab. Yangtse Valley.
- POGONINI**—Lacordaire, Gen. Col., i, 1854, p. 364 : Chaudoir, *Essai*, Ann. Soc. Ent. Belg., xiv, 1871, p. 21 : Horn Gen. Carab., p. 135.

Genus **POGONUS**.

- Dejean, Spec., iii, 1828, p. 6 : Lacord., Gen. Col., i, p. 368 : Mun. Cat., p. 384 : Chaudoir, *Essai Mon.*, Ann. Soc. Ent. Belg., xiv, 1871, p. 23.
- hindustanus*, Motsch., Bull. Mosc. xxxvii (3), 1864, p. 192 : Chaudoir, *Ess.*, p. 38 (*gen. dub.*).
Hab. India, Tranquebar.
- transfuga*, Chaudoir, Ann. Soc. Ent. Belg., xiv, 1871, p. 30.
orientalis, Gebler, Bull. Mosc., xx (i), 1847, p. 310.
persicus, Chaudoir, *l. c.*, xv, 1842, p. 821.
Hab. Siberia, S. Russia, Persia, ? Kashmir.

Genus **PATROBUS**.

- Dejean, Spec., iii, 1828, p. 26 : Lacord., Gen. Col., i, p. 367 : Mun. Cat., p. 386 : Chaudoir, Ann. Soc. Ent. Belg., xiv, 1871, p. 40 : Schaum, Naturg. Deutsch. Ins. i, p. 375.
Carabus, Paykull, Duftschmid, Panzer, Illiger. *Harpalus*, Gyllenhal, Zetterstedt. *Platysma*, Sturm.

lavipes, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 191 : Chaudoir, Ann. Soc. Ent. Belg., xiv, 1871, p. 40 : Bates, Trans. Ent. S. Lond., 1873, p. 294 : (*Deltomerus*) Chaudoir, Bull. Mosc., liii (3), 1878, p. 79.

Hab. Japan, Yangtse Valley, Hongkong.

yunnanus, Fairmaire, Ann. Soc. Ent. Fr., (6s.) vi, 1886, p. 317.

Hab. Yunnan.

Genus **TRECHUS.**

Clairville, Ent. Helv., ii, 1806, p. 22 : Lacord., Gen. Col., i, p. 370 : Mun. Cat., p. 339 : *Mon.*, Putzeys, Stettin Ent. Zeit., 1847, p. 302 : Pandellé, Mat. Col. France, 1867, p. 131.

Blonus, pt. Stephens, Ill. Brit. Ent., 1828, p. 50 : Motsch., Bull. Mosc. xxxvii (3), 1864, p. 190.

Epaphius, Stephens, *l. c.*, *supra* p. 50.

Thalassophilus, Wollaston Ins. Mader., 1854, p. 20.

convexus, MacLeay, Annul. Javan, 1825, p. 20.

Hab. Java.

fasciatus, Motsch., Bull. Mosc., xxiv (4), 1851, p. 506.

Hab. India.

PTEROSTICHINI:—Horn, Gen. Carab., p. 186 : Leconte & Horn, Class. Col., p. 30.

Feronides, Lacordaire, Gen. Col., i, p. 317.

Stomides, Lacordaire, *l. c.*, p. 247.

Trigonotomides, Lacordaire, *l. c.*, p. 309.

Div. **TRIGONOTOMINA**:—Lacordaire, *l. c.* : Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xi, 1868, p. 151.

Genus **TRIPLOGENIUS.**

Chaudoir, Bull. Mosc., xxv (1), 1852, p. 71 : *id.*, *Monograph*, Ann. Soc. Ent. Belg., xi, 1868, p. 152.

Omascus, Morawitz, Motschulsky, MacLeay.

Trigonotoma, pt. Dejean, Laporte.

? *aeratus* (*Omascus*), Hope, Gray's, Zool. Misc., 1831, p. 21.

Hab. Nepal.

andamanensis, Chaudoir, Bull. Mosc., liii (3), 1878, p. 22.

Hab. Andaman Islands.

Buquetil, Lap. de Casteln., Et. Ent., 1834, p. 77 : Chaudoir, *Mon.*, p. 162 ; Bull. Mosc., liii (3), 1878, p. 81.

Hab. Java.

chalcothorax, Chaudoir, Ann. Soc. Ent. Belg., xi, 1868, p. 153 ; Bates, Ann. Mus. Civ. Gen., (2s) vii, 1889, p. 105.

Hab. Cambodia, Cochín China ; Burmah, Bhamo.

himalayicus (*Omascus*), Redtenb., Hügel's Kaschm., iv (2), 1844, p. 501.

Hab. N. W. Himalaya ; Mussooree.

? *indicus* (*Omascus*), Hope, Gray's Zool. Misc., 1831, p. 21.

Hab. Nepal.

- lignus* (*Omasus*), Morawitz, Beitr. Z. Käf. Faun. Jesso, i, 1863, p. 54 : Chaudoir, Ann. Soc. Ent. Belg., xi, p. 154.
(magnus (*Omasus*), Motschulsky, Et. Ent., 1860, p. 5.
 Hab. China, Japan.
- insignis*, R. Gestro, Ann. Mus. Civ. Gen., xviii, 1882, p. 310.
 Hab. Borneo, Sarawak, Labuan.
- Mouhotii*, Chaudoir, *Mon.*, p. 152 : Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 105.
 Hab. Cambodia ; Burma, Bhamo.
- obscurus*, Lap. de Casteln., Et. Ent., 1834, p. 76.
 Hab. Java.
- planicollis*, Dejean, Spec., iii, 1828, p. 185 : Chaud., *Mon.*, p. 154.
 Hab. Bengal.
- praestans*, Chaudoir, *Mon.*, p. 154.
 Hab. Hongkong.
- Putseynii*, Chaudoir, Bull. Mosc., liii (3), 1878, p. 31.
 Hab. Java.
- rectangulus*, Chaudoir, *Mon.*, p. 153.
 Hab. Dekhan.
- semiviolaceus*, Chaudoir, *Mon.*, p. 152.
 Hab. N. India.
- serraticollis*, Chaudoir, *Mon.*, p. 153.
 Hab. Dekhan.
- viridicollis* (*Omasus*), MacLeay, Annul. Javan., 1825, p. 17 : Chaudoir, *Mon.*, p. 154 : Guérin, Ic. Règne Anim., t. 6, f. 2a : Gray, Griffith Anim. Kingd., Ins., i., 1832., t. 25, f. 2.
bicolor, Lap. de Casteln., Et. Ent., 1834, p. 75, t. 2, f. 2 : Chaud., *Mon.*, p. 152 ; *id.*, Bull. Mosc., liii (3), 1878, p. 33.
 Hab. Java.
- Waterhousei*, Chaudoir, Rev. Mag. Zool., 1862, p. 430 ; *id.*, *Mon.*, p. 55.
 Hab. N. India, Java.

Genus **LESTICUS.**

- Dejean, Spec., iii, 1828, p. 190 : Lacord., Gen. Col., i, p. 812 : Mun. Cat., p. 294 ; Chaudoir, Ann. Soc. Ent. Belg., xi, 1868, p. 155.
- amabilis*, Chaudoir, *l. c. supra*, p. 155.
 Hab. Java.
- janthinus*, Dejean, Spec., iii, 1828, p. 190 : Ic. Col. Eur., ii, t. 124, f. 3 : Lap. de Casteln., Hist. Nat. Ins., i, p. 120 : Chaudoir, *l. c.*, p. 155.
 Hab. Java.
- tricostatus*, Chaudoir, *l. c. supra*, p. 157.
 Hab. India.

Genus **TRIGONOGNATHA.**

Motschulsky, Et. Ent., vi, 1857, p. 25.

princeps, Bates, Trans. Ent. S. Lond., 1883, p. 243.

Hab. China, Kwantung.

Genus **TRIGONOTOMA.**

Dejean, Spec., iii, 1828, p. 182 : Lacord., Gen. Col., i, p. 311 : Mun. Cat., p. 293 :

Chaudoir, Bull. Mosc., xxv (i), 1852, p. 71 ; *id.*, *Monograph*, Ann. Soc.

Ent. Belg., xi, 1868, p. 158.

chalcona, Bates, Trans. Ent. S. Lond., 1873, p. 328.

Hab. Hongkong.

Comottoi, R. Gestro, Ann. Mus. Civ. Gen., xviii, 1882, p. 308.

Hab. Burma.

concinna, Lap. de Casteln., Et. Ent., 1834, p. 77 : Chaudoir, *Mon.*, p. 159 : Bates,

Ann. Mus. Civ. Gen., (2 s.) vii, 1889, p. 105.

Hab. Java.

crenata, Chaudoir, *Mon.*, p. 159.

Hab. India.

curtula, Chaudoir, *Mon.*, p. 160.

Hab. Laos.

Dohrnii, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 69 ; *Mon.*, p. 159.

Hab. Hongkong.

fulgidicollis, Lap. de Casteln., Et. Ent., 1834, p. 77 : Gestro, Ann. Mus. Civ. Gen., xviii, 1882, p. 309.

Hab. Java, ? Laos,

indica, Brullé, Hist. Nat. Ins., iv, 1840, p. 333 : Chaud., *Mon.*, p. 158 : Bates, Ann. Mag. N. H., (5 s.) xvii, 1886, p. 145.

viridicollis, Dejean, Spec., iii, 1828, p. 183 (*neo* MacLeay) : Lap. de Casteln., Hist. Nat. Ins., i, p. 220.

Hab. Java, Ceylon, Colombo.

Lewisii, Bates, Trans. Ent. S. Lond., 1873, p. 284.

var. *dharmocensis*, Bates, Ann. Mus. Civ. Gen., (2 s.) vii, 1889, p. 105.

Hab. Manchuria, Japan, China, Burma, Bhamo.

luzonica, Chaudoir, *Mon.*, p. 161.

Hab. Philippines, Luzon, Manilla.

nitidicollis, Chaudoir, *Mon.*, p. 160.

Hab. Cochinchina.

Petelli, Lap. de Casteln., Et. Ent., 1834, p. 78 : Chaud., *Mon.*, p. 159.

Hab. Java.

similis, Chaudoir, *Mon.*, p. 158.

Hab. Dekhan.

Genus **TRIGONOMINA.**

Motschulsky, Bull. Mosc. xxxvii (4), 1864, p. 349 : Mun. Cat., p. 293.

? = *Triplogenus*, Chaudoir, *q. v.*

politicollis, Motschulsky, *l. c.*, p. 349.

Hab. India.

Div. **STOMINA**:—Lacordaire, Gen. Col., i, p. 247 : Chaudoir, Bull. Mosc., xix (4), 1846, p. 511.

Genus **IDIOMORPHUS.**

Chaudoir, Bull. Mosc., xix (4), 1846, p. 515 : Lacord., Gen. Col., i, p. 254 : Mun. Cat., p. 248 : Horn, Gen. Carab., p. 175.

Guarini, Chaudoir, Bull. Mosc., xix (4), 1846, p. 518 : Lacord., Gen. Col., Atlas, t. 12, f. 1 a.

Hab. India, Nilgiris.

Genus **DISPHAERICUS.**

Waterhouse, Trans. Ent. S. Lond., iii, 1842, p. 211 : Lacord., Gen. Col., i, p. 249 : Mun. Cat., p. 247 : Horn, Gen. Carab., p. 126.

Dyschiridium, Chaudoir, Berlin. Ent. Zeits., v, 1861, p. 130.

Spanus, Westwood, Proceed. Ent. S. Lond., iii, Feb. 1864, p. 3.

marginicollis, Schaum, Berlin. Ent. Zeits., 1864, p. 122, t. 2, f. 3.

Hab. India, Tranquebar.

ovicollis, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 73.

Hab. Ceylon, Dikoya.

Genus **PACHYTRACHELUS.**

Chaudoir, Bull. Mosc., xxv (i), 1852, p. 85 : Mun. Cat., p. 248.

Batoscelis, Lacord., Gen. Col., i, 1854, p. 261 : Mun. Cat., p. 249.

Systemognathus, Putzeys, Mém. Liège, xviii, 1862, p. 18 : Mun. Cat., p. 189.

ceylonicus (*Batoscelis*), Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 103.

Hab. Ceylon.

cribriiceps, Chaudoir, *l. c.*, xxv (i), 1852, p. 86.

Hab. N. India.

disctipennis (*Agonoderus*), Dejean, Spec., v, 1831, p. 815.

Hab. India, Simla.

oblongus (*Agonoderus*), Dejean, *l. c.*, p. 813.

Hab. India.

politus, Schmidt Goebel, Faun. Col. Birm., 1846, t. 2, f. 8 a-d.

Hab. Burma.

porosus, Putzeys, Mém. Liège, xviii, 1862, p. 19, t. 1, f. 2-4.

Hab. India.

Div. **PTEROSTICHINI**:—Horn, Gen. Carab., p. 137.

Genus **CATADROMUS.**

- MacLeay, Annul. Javan., 1826, p. 18 : Lacord., Gen. Col., i, p. 321 : Mun. Cat., p. 258.
tenebrioides (*Carabus*), Olivier, Enc. Méth., v, 1790, p. 324; *id.*, Ent., iii, 85, p. 17, t. 6, f. 67 : Dejean, Spec., iii, p. 187 : Gray, Griffith, Anim. Kingd., Ins. i, t. 12, f. 3 : Macleay, Annul. Javan., p. 19, t. 1, f. 5,
Rajah (*Harpalus*), Wiedemann, Anal. Ent., 1824, p. 7.
 Hab. Java [*Ind. Mus.*, Australia ?].

Genus **PTEROSTICHUS.**

- Bonelli, Obs. Ent. 1809, *tab. syn.* : Lacord., Gen. Col., i, p. 400 : Mun. Cat. p. 317.
Adelosta, Stephens, Cat. Brit. Ins. (2 ed.), 1832.
Aello, Gozis, M. T. Schw. Ent. Ges., vi, 1882, p. 297.
Agonodemus, Chaudoir, Bull. Mosc., xi, 1838, p. 9.
Arachnoidius, Chaudoir, *l. c.*, p. 9.
Argutor (Megerle), Stephens, Ill. Brit. Ent., i, 1828.
Arguteroideus, Chaudoir, Ann. Soc. Ent. Belg., xix, 1876, p. 114.
 - *Bothriopterus*, Chaudoir, Bull. Mosc., xi, 1838, p. 9.
Brachystylus, pt. Chaudoir, *l. c.*, p. 10.
Bryobius, Chaudoir, *l. c.*, p. 10.
Calopterus, Chaudoir, *l. c.*, p. 11.
Ceneus, Chaudoir, *l. c.*, xxviii (3), 1865, p. 109.
Choporus, Latreille, Règne. Anim., (2 ed.) iv, 1825, p. 396.
Cophosus (Ziegler), Stephens, Ill. Brit. Ent., i, 1828 : Chaud., *l. c.*, *supra*, p. 1.
Coscinopterus, Chaudoir, *l. c. supra*, p. 11.
Cryobius, Chaudoir, *l. c.*, p. 11.
Dysidius, Chaudoir, *l. c.*, p. 8.
Glyptopterus, Chaudoir, *l. c.*, p. 10.
Gomoderus, Motschulsky, Bull. Mosc., xxxii, 1859, p. 149.
Haplocoelus, Chaudoir, Bull. Mosc., xi, 1838, p. 8.
Haptoderus, Chaudoir, *l. c.*, p. 10.
Hypherpes (Esch.), Chaudoir, *l. c.*, p. 8.
Lianos, Gozis, M. T. Schw. Ent. Ges., vi, 1882, p. 298.
Lyperopherus, Motschulsky, Mém. Ac. St. Petersb., v, 1816, p. 136.
Lyperosomus, Motschulsky.
Lyperus, Chaudoir, Bull. Mosc., xi, 1838, p. 12.
Lyrapedius, Seidlitz, Fauna Baltica, (2 ed.), 1887, p. 36.
Lyrothorax, Chaudoir, *l. c.*, *supra*, p. 9.
Melanius, Bonelli Mém. Acad. Turin, *tab. syn.*, 1809.
Myosodus, Fischer, Ent. Imp. Russ., ii, 1823, p. 122.
Omascus (Ziegler), Stephens, Ill. Brit. Ent., i, 1828.
Oreophilus, Chaudoir, *l. c. supra*, p. 9.
Orthomus, Chaudoir, *l. c.*, p. 8.
Parapedius, Seidlitz, Fauna Baltica, (2 ed.), 1887, p. 36.
Podius, Motschulsky, Bull. Mosc., xxxviii (4), 1855, p. 242.
Petrophilus, Chaudoir, *l. c. supra*, p. 9.
Phonias, Gozis, Recherche, 1886, p. 8.

- Platypterus*, Chaudoir, *l. c. supra*, p. 11.
Platysma, Bonelli, Obs. Ent., 1809, *tal. syn.* : Mun. Cat., p. 317.
Pledarus, Motschulsky, Bull. Mosc., xxxviii (4), 1865, p. 254.
Pseudocryobius, Motschulsky, Käfer Russl., 1850, 9.
Pseudoderus, Seidlitz, Fauna Baltica, (2 ed.), 1887, p. 36.
Pseudopedius, Seidlitz, *l. c.*, p. 36.
Pseudosteropus, Chaudoir, *l. c. supra*, p. 9.
Psychobius, Chaudoir, *l. c.*, p. 12.
Rhagadus, Motschulsky, Bull. Mosc., xxxviii (4), 1865, p. 261.
Steropus (Megerle), Stephens, Ill. Brit. Ent., i, 1828. Chaud., *l. c. supra*, p. 9.
 [The above synonymy requires examination and revision.]
- æneocypreus* (*Platysma*), Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 95.
 Hab. Yunnan.
- birmanus* (*Lowandrus*), Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 106.
 Hab. Burma, Bhamo.
- curtatus* (*Euryperus*), Fairmaire, Ann. Soc. Ent. Fr., (6 s.) vi, 1886, p. 312.
 Hab. Yunnan.
- diversus* (*Omascus*), Fairmaire, *l. c.*, p. 311.
 Hab. Yunnan.
- gagates* (*Platysma*), Hope, Gray's Zool. Misc., 1831, p. 21.
 Hab. Nepál.
- latecosta* (*Platysma*), Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 94.
 Hab. Yunnan.
- Yunnanus*, (*Pterostichus*), Fairmaire, *l. c.*, p. 94.
 Hab. Yunnan.
- longinquus*, Bates, Trans. Ent. S. Lond., 1873, p. 286.
 Hab. Yangtse Valley, Japan.
- Noguchii*, Bates, *l. c.*, p. 286.
 Hab. Yangtse Valley, Nagasaki.
- simillimus*, Fairmaire, Ann. Soc. Ent. Fr., (4s.) vi, 1886, p. 312.
 Hab. Yunnan. ÷
- viscescens* (*Simodontus*), Chaudoir, Bull. Mosc., xlv (3), 1878, p. 114.
 Hab. ? Philippines? Australia.

Genus **RHATHYMUS.**

- Dejean, Spec., v, 1831, p. 783 : Mun. Cat., p. 354 : Chaudoir, Bull. Mosc., liii (3), 1878, p. 7.
Rathymus, Dejean, *l. c. supra* : Lacord., Gen. Col., i, p. 329.
Selenidia, Motsch., Et. Ent., 1855, p. 45.
Strigta, Brullé, Hist. Nat. Ins., iv, 1840, p. 382 : Lacord., Gen. Col., i, p. 327 : Mun. Cat., p. 333.
ater, Chaudoir, Bull. Mosc., liii (2), 1878, p. 8.
 Hab. India, Coromandel.

- maxillaris** (*Strigia*), Brullé, Hist. Nat. Ins., iv, 1840, p. 382, t. 15, f. 6 : Chaudoir, *l.c. supra*, p. 8.
Hab. India.
- stigma**, Fabr., Syst. Eleuth., i, 1801, p. 192 : (*Selenidia*) Motsch., Et. Ent., 1855, p. 45 : Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 140 ; *id.*, Bull. Mosc., liii (3), p. 9.
? *subcatus*, Fabr. Ent. Syst. iv. App. 1794, p. 443.
Hab. India, Dekhan, Java.

Genus **LAGARUS.**

- Chaudoir, Bull. Mosc., xi, 1838, p. 10.
?? *Argutor*, Stephens, Ill. Brit. Ent., 1828 ; *teste*, Gozis, Bêcherche, p. 8.
? **impunctatus**, Bates, Ann. Mag. N.H., (5s.) xvii, 1886, p. 145.
Hab. Ceylon, Colombo.

Genus **ABACETUS.**

- Dejean, Spec., iii, 1828, p. 195 : Lacord., Gen. Col., i, p. 315 : Mun. Cat., p. 295 : Chaudoir, Stettin. Ent. Zeit., 1859, p. 126 ; *id.*, *Monograph*, Bull. Mosc., xlii (i), 1869, p. 353.
Astygis, Rambur, Faun. Andal., 1842, p. 95.
Coelostomus, MacLeay, Annul. Javan., 1825, p. 23 : Lap. de Casteln., Hist. Nat. Ins., i, p. 123.
Dicaelindus, MacLeay, Annul. Javan., 1825, p. 18 : Schaum, Berlin. Ent. Zeits., vii, 1863, p. 86 : Chaud., Bull. Mosc., xlii (i), 1869, p. 356.
Distrigodes, pt., Motsch., Bull. Mosc., xxxvii (4), 1864, p. 353 : Mun. Cat., p. 296.
Distrigus, Dejean, Spec., iii, 1828, p. 191 : Lacord., Gen. Col., i, p. 316 : Mun. Cat., p. 296.
- aenigma**, Chaudoir, *Mon.* Bull. Mosc., xlii (i), 1869, p. 358 : Fairm. Ann. Soc. Ent. Fr., 1888, p. 336.
Hab. Cochin China, Tonkin, Hongkong.
- amplicollis**, Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 106.
Hab. Burma, Katha, Teintso, Bhamo.
- anomalus**, Chaudoir, *Mon.*, p. 367.
Hab. Ceylon, Colombo.
- antiquus** (*Argutor*), Dejean, Spec., iii, 1828, p. 246 : Chaudoir, *Mon.*, p. 391.
picipes, Motsch., Bull. Mosc., xxxviii (4), 1865, p. 228 (*neo* MacLeay).
relinquens (*Argutor*), Walker, Ann. Mag. N.H., (3s.) ii, 1858, p. 204.
submetallicus (*Distrigus*), Nietner, *l.c.*, p. 177.
Hab. India, Coromandel, Ceylon, Colombo.
- atratus** (*Distrigus*), Dejean, Spec., iii, 1828, p. 194 : Chaud., *Mon.*, p. 358.
costatus (*Distrigus*), Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 176.
Hab. Ceylon, Colombo.
- bipunctatus** (*Distrigodes*), Motsch., Bull. Mosc., xxxviii (4), 1864, p. 352 ; Chaudoir, *Mon.*, p. 386.
? *pallipes*, Chaudoir, *g. v.*

- rufulus* (*Distrigodes*), Motsch., *l.c.*, xxxviii (4), 1865, p. 327.
Hab. India, Burma.
- bisignatus*, Bates, *Ann. Mus. Civ. Gen.*, (2s.) vii, 1889, p. 105.
Hab. Burma, Bhamo, Shwegu.
- carinifrons*, Bates, *Ann. Mag. N.H.*, (5s.) xvii, 1886, p. 144.
Hab. Ceylon, Colombo.
- chalceolus*, Chaudoir, *Mon.*, p. 384.
Hab. N. India.
- cordicollis*, Chaudoir, *Mon.*, p. 357.
Hab. India. Tranquebar; Ceylon, Galle.
- cyathoderus*, Chaudoir, *Mon.*, p. 373.
Hab. N. India.
- degener* (*Argutor*), Walker, *Ann. Mag. N.H.*, (3s.) ii, 1858, p. 204.
Hab. Ceylon.
- Dejeanii* (*Distrigus*), Nietner, *l.c.*, p. 178 : Chaud., *Mon.*, p. 390.
flavipes (*Coelostomus*), Motsch., *Bull. Mosc.*, xxxviii (4), 1865, p. 228.
Hab. India, Ceylon.
- dilutipes*, Chaudoir, *Mon.*, p. 383.
Hab. Siam.
- dorsalis* (*Astygia*), Motsch., *Bull. Mosc.*, xxxviii (4), 1865, p. 229 : Chaud., *Mon.*, p. 397.
? = *rufopiceus*, Nietner, *g. v.*
Hab. India, Tranquebar, Madura.
- felspathicus* (*Dicolidius*), MacLeay, *Annul. Javan.*, 1825, p. 19, t. 1, f. 6 : Schaum, *Berlin. Ent. Zeits.*, 1863, p. 86.
Hab. Java.
- femoralis* (*Distrigodes*), Motsch., *Bull. Mosc.*, xxxvii (3), 1864, p. 354 : Chaud., *Mon.*, p. 386.
Hab. India, Tranquebar.
- guttula*, Chaudoir, *Mon.*, p. 374.
Hab. Dekhan.
- haplosternus*, Chaudoir, *Bull. Mosc.*, liii (3), 1878, p. 25.
Hab. Siam, Bangkok.
- hirmococclus*, Chaudoir, *Mon.*, p. 372.
Hab. Burma, Rangoon.
- impressicollis* (*Distrigus*), Dejean, *Spec.*, iii, 1828, p. 193 : Lap. de Casteln., *Hist. Nat. Ins.*, 1, p. 118 : Chaud., *Mon.*, p. 359.
Hab. India, Dekhan.
- leucotelus*, Bates, *Trans. Ent. S. Lond.*, 1873, p. 283.
Hab. Yangtse Valley, Nagasaki.
- loderes*, Bates, *Ann. Mag. N. H.*, (5s.) xvii, 1886, p. 144.
Hab. Ceylon, Colombo.

- maculipes**, Chaudoir, *Mon.*, p. 384.
Hab. Burma, Martaban.
- margnicollis**, Chaudoir, *Mon.*, p. 359.
Hab. Burma, Pegu, Rangoon.
- Nietneri**, Chaudoir, *Mon.*, p. 392.
aeneus (*Distrigus*), Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 177 : (*nov.*,
Dejean).
Hab. Ceylon, Colombo.
- pallipes**, Chaudoir, *Mon.*, p. 386.
? = *bipunctatus*, Motschulsky, *q. v.*
Hab. Burma, Martaban.
- picipes** (*Coelostomus*), MacLeay, Annul. Javan, 1825, p. 24 : Hope, Col. Mau., ii,
t. 3 f. a. d. (*nov.* Motsch.) : Lap. de Casteln., Hist. Nat. Ins., i, p. 123.
Hab. India.
- picticornis**, Chaudoir, Bull. Mosc., liii (3), 1878, p. 27.
Hab. Middle China.
- politus**, Chaudoir, *Mon.*, p. 368.
Hab. India, Dekhan.
- pollulus**, Chaudoir, *Mon.*, p. 369.
Hab. Burma, Rangoon.
- promptus** (*Distrigus*), Dejean, Spec., iii, 1828, p. 195 : Chaud., *Mon.*, p. 370.
Hab. India, Coromandel.
- quadriceollis**, Chaudoir, *Mon.*, p. 382.
Hab. Burma, Martaban.
- quadriguttatus**, Chaudoir, *Mon.*, 387 : Bates. Ann. Mag. N. H., (5s.) xvii, 1886, p. 143.
Hab. Ceylon, Kandy.
- quadrinotatus**, Chaudoir, *Mon.*, p. 380.
Hab. N. India.
- quadrinotatus**, Chaudoir, *Mon.*, p. 388.
Hab. Bengal.
- reflexus**, Chaudoir, *Mon.*, p. 358.
Hab. N. India.
- rufopiceus** (*Distrigus*), Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 177 : Chaud.,
Mon., p. 398.
Hab. Ceylon.
- rufotestaceus**, Chaudoir, *Mon.*, p. 398.
Hab. Dekhan.
- stamensis**, Chaudoir, Bull. Mosc., liii (3), 1878, p. 26.
Hab. Siam, Bangkok.

Genus **CHLAEMINUS.**

- Motsch., Bull. Mosc., xxxvii (4), 1864, p. 351 : Mun. Cat. p. 229: Chaud., *Monograph*,
Bull. Mosc., xliii (i), 1869, p. 401.
Distrigodes, pt, Motschulsky, *l. c. supra*, p. 353.

- biguttatus**, Motsch., Bull. Mosc. xxxvii (4), 1864, p. 351 : Chaud., *Mon.*, p. 401.
Hab. India, Dekhan, Tranquebar, Burma, Martaban.
- biglgiatus**, Chaudoir, *Mon.*, p. 402.
Hab. Burma, Rangoon.
- cruciatus**, Chaudoir, *Mon.*, p. 403.
Hab. Bengal.
- favoguttatus** (*Distrigodes*), Motsch., Bull. Mosc., xxxvii (4), 1864, p. 354 : Chaud.,
Mon., p. 404.
Hab. Burma.
- quadriglgiatus**, Chaudoir, *Mon.*, p. 403.
Hab. Dekhan.

Genus **HOLCONOTUS.**

- Chaudoir, Rev. Mag. Zool., (3s.) iv, 1876, p. 352.
- terriginus** (*Abacoetus*), Chaudoir, Bull. Mosc., xli (2), 1869, p. 399: Schmidt Goebel,
Faun. Col. Birm., t. 2, f. 6.
Hab. Burma, Siam.

Genus **AULACOCOELIUS.**

- Chaudoir, Bull. Mosc., xlii (2), 1869, p. 405.
- hopleurus** Chaudoir, *l.c.*, p. 406.
Hab. ? N. Australia, ? Philippines, Luzon.

Genus **POECILUS.**

- Bonelli, Obs. Ent., 1809, tab. syn : Lacord., Gen. Col., i, p. 402; Mun. Cat., p.
300 : Chaudoir, L'Abeille, xiv, 1875, p. 1-54.
- Ancholeus*, subg., Chaudoir, L'Abeille, xiv, 1876, p. 45.
- Blennidus*, Motschulsky, Bull. Mosc., xxxviii (4), 1865, p. 251.
- Braohystylus*, pt, Chaudoir, Bull. Mosc., xi, 1838, p. 10.
- Carenostylus*, Chaudoir, *l.c.*, p. 8.
- Chlaenioidius*, Chaudoir, Bull. Mosc., xxxviii (3), 1865, p. 110.
- Cyolomus*, Chaudoir, Bull. Mosc., xi, 1838, p. 8.
- Derus*, Motschulsky, Käfer Russl., 1850, p. 50 ; *id.*, Bull. Mosc., xxxvii,
(4), 1865, p. 255.
- Sogines*, (Leach) Stephens, Ill. Brit. Ent., 1828 : Chaud., Bull. Mosc., xi, p. 8.
- Trirammatius*, Chaudoir, Bull. Mosc., xi, 1838, p. 8 : Motsch., *l.c.*, xxxviii
(4), 1865, p. 252.
- eupreus**, Linn., Faun. Suec., 1746, No. 801 : Dejean, Spec., iii, p. 207 : for *syn. vide*
Mun. Cat., p. 301.
Hab. Europe, N. Africa, Asia Minor, Persia, Japan, Canton (*Putzoys*).
- indicus** (*Sogines*), Motschulsky, Bull. Mosc., xxxviii (4), 1865, p. 257.
Hab. N. India.

Genus **TROPIDOCERUS.**

Chaudoir, Bull. Mosc., liii (3), 1878, p. 9.

indicus, Chaudoir, *l.c.*, p. 18.

Hab. N. India.

Genus **MOLOPS.**

Bonelli, Obs. Ent. i, 1809, *tab. syn.*; Mun. Cat., p. 332 : Kraatz, Deutsche Ent. Zeits., 1878, p. 369.

piliferus, Bates, Proc. Zool. S. Lond., 1878, p. 718.

Hab. India, Murree [*Ind. Mus.*, type].

Genus **AEPSERA.**

Chaudoir, Bull. Mosc., xlviii (i), 1874, p. 28.

ferruginea, Chaudoir, *l.c.*, p. 30.

Hab. Burma.

Genus **AMARA.**

Bonelli, Obs. Ent., 1809, *tab. syn.* : Lacord., Gen. Col., i, p. 332 : Mun. Cat., p. 347 : Putzeys, *Monograph*, L'Abeille, 1871, p. 100.

Acrodon, Zimmermann, Gistl's Faunus, i, 1832, p. 40 : Mun. Cat., p. 344.

Amarocelia, Motschulsky, Et. Ent., 1862, p. 4.

Amathitis, Zimmermann, *l.c. supra*, p. 39 ; Mun. Cat., p. 342.

Bradytus, Stephens, Ill. Brit. Ent., i, 1828, p. 181 : Mun. Cat., p. 338.

Celia, Zimmermann, *l.c. supra*, p. 18 : Mun. Cat., p. 344.

Cyrtotonotus (*Cyrtotonotus*), Stephens, *l.c. supra*, p. 138 : Mun. Cat., p. 339 :

Bates, Biol. Centr. Amer., Col., i (i), p. 76.

Isopleurus, pt, Kirby, Faun. Boreal. Amer., iv, 1837, p. 34.

Leiconemis (*Liconemis*), Zimmermann, *l.c. supra*, p. 38 : Mun. Cat., p. 342.

Leirus, Zimmermann, *l.c. supra*, p. 17 (= *Cyrtotonotus*).

Percozia, Zimmermann, *l.c. supra*, p. 18 : Mun. Cat., p. 337.

Triaena, Leconte, Ann. Lyc. N. York, iv, 1848, p. 265.

ambigena, Bates, Proc. Zool. S. Lond., 1878, p. 716.

Hab. N. W. Himálaya, Pangong Valley [*Ind. Mus.*, type].

***radiola** (*Amathitis*), Bates, *l.c.*, p. 717.

Hab. north of Kuenluen [*Ind. Mus.*, type].

***bamidunya**, Bates, *l.c.*, p. 716.

Hab. Pámír [*Ind. Mus.*, type].

compactus (*Bradytus*), Bates, Proc. Zool. S. Lond., 1878, p. 49.

Hab. India, Murree [*Ind. Mus.*, type].

darjilingensis, Putzeys, Stettin Ent. Zeit., xxviii, 1877, p. 102.

Hab. Darjiling.

* **frivola** (*Liconemis*), Bates, Proc. Zool. S. Lond., 1878, p. 717.

Hab. ? Yarkand, or E. slopes Pámír [*Ind. Mus.*, type].

himalaica (*Liconemis*), Bates, *l.c. supra*, p. 716.

Hab. India, Ladák [*Ind. Mus.*, type].

- indica* (*Lioconomis*), Putzeys, Mém. Liège, 1866, p. 216.
Hab. N. India.
- * *knenlunensis* (*Amathitis*), Bates, *l. o. supra*, p. 717.
Hab. Sanju [*Ind. Mus.*, type].
- nitens* (*Cyrtototus*), Putzeys, Et. s. l. Amara, 1866, p. 234.
Hab. Manchuria, Japan, N. China, Szechuen.
- * *pamirensis* (*Cyrtototus*), Bates, Proc. Zool. S. Loud., 1878, p. 717.
Hab. Pámir [*Ind. Mus.*, type].
- * *tartariae* (*Lioconomis*), Bates, *l. o. supra*, p. 716.
Hab. Between Yangihissar and Sirikol [*Ind. Mus.*, type].
- ? *yunnanensis*, Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 95.
Hab. China.

Genus **DRIMOSTOMA.**

- Dejean, Spec., v. 1831, p. 745 : Lacord., Gen. Col., i, p. 313 : Mun. Cat., p. 294 :
Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xv, 1872, p. 9.
- rectangulum*, Chaudoir, Ann. Soc. Ent. Belg., xv, 1872, p. 11 : Bates, Ann. Mus.
Civ. Gen., (2 s.) vii, 1889, p. 106.
Hab. Java, Burma, Shwegu, Teintso, Bhamo.

Genus **STOMONAXUS.**

- Motschulsky, Etudes Entomologiques, 1859, p. 34.
Diceromerus, Chaudoir, Ann. Soc. Ent. Belg., xv, 1872, p. 15.
- Chaudoirii* (*Diceromerus*), Fleutiaux, Ann. Soc. Ent. Fr., (6 s.) vii, 1887, p. 60.
Hab. Annam, Hué.
- orientalis* (*Stomonaxus*), Motsch., Et. Ent., 1859, p. 35 : Chaudoir (*Diceromerus*),
Ann. Soc. Ent. Belg., xv, 1872, p. 15.
Hab. India, Tranquebar, Ceylon, Dikoya (*Bates*).
- striaticollis*, Dejean, Spec., v, 1831 p. 747 : Chaud., Ann. Soc. Ent. Belg., xv, 1872,
p. 13.
ceylanicum (*Drimostoma*), Nietner, Ann. Mag. N. H., (3 s.) ii, 1858, p. 178.
? *marginale* (*Drimostoma*), Walker, Ann. Mag. N. H., (3 s.) iii, 1859, p. 51 :
Bates, *ib.*, (5 s.) xvii, 1886, p. 212.
rufipes (*Drimostoma*), Bohem., Freg. Eug. Resa, Col., 1858, p. 3.
? *sculptipennis* (*Stomonaxus*), Motsch., Et. Ent., 1859, p. 35, t. 1, f. 6.
Hab. India, Ceylon, Hong-Kong, Japan, Senegal.
- LICININI** :—Lacord., Gen. Col., i, p. 231 : Horn, Gen. Carab., p. 139 : Leconte &
Horn., Class. Col., 1883, p. 32.

Genus **RHEMBUS.**

- Latreille, Ic. Col. Eur., i, 1822, p. 85 : Mun. Cat., p. 238 : Laferté, Ann. Soc. Ent.
Fr., (2 s.) ix, 1851, p. 278.
? *Diplocheila*, Brullé, Hist. Nat. Ins., Col., i, 1834, p. 407 : Horn, Bull.
Brookl. Ent. Soc. iii, 1880, p. 52.
Rembus, Latr., *l. o. supra* : Lacord., Gen. Col., i, p. 233 : Laferté.
Symphysus, Nietner, Ann. Mag. N. H., (3 s.) ii, 1858, p. 180,

- elongatus*. Bates, Trans. Ent. S. Lond., 1873, p. 256.
Hab. Yangtse Valley, Japan.
- impressus* (*Carabus*), Fabr., Ent. Syst. Suppl., 1798, p. 57; Syst. Eleuth., i, p. 188 :
Dejean, Spec., ii, p. 383.
Hab. India.
- latifrons*, Dejean, Spec. v, 1831, p. 679.
Hab. India.
- opaous*, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 67.
Hab. Japan China, ? India, Java.
- pollus* (*Carabus*), Fabr., Ent. Syst., i, 1792, p. 146; Syst. Eleuth., i, p. 189 : Dejean,
Spec., ii, p. 381 : Lap. de Casteln., Hist. Nat. Ins., Col. i, p. 133.
Hab. India, [*Ind. Mus.*, Bengal, Sahibganj].
- unicolor*, Nietner, Ann. Mag. N. H., (3 s.), ii p. 1858, p. 180.
Hab. Ceylon.
- zeelandicus*, Redtenb. Reise Novara, Col., 1867, p. 10, t. 1, f. 5 : Bates, Trans.
Ent. S. Lond., 1873, p. 256.
Hab. Formosa, Yangtse Valley, Japan, ? New Zealand.

Genus **BADISTER.**

- Clairville, Ent. Helv., ii, 1806, p. 90 : Brullé, Hist. Nat. Ins., Col., i, 1834, p. 403 :
Lacord., Gen. Col., i, p. 234 : Mun. Cat., p. 239 : Laferté, Ann. Soc. Ent. Fr., (2 s.)
ix, 1851, p. 285 : Leconte, Trans. Amer. Ent. S., viii, p. 165; *id.*, Bull. Brookl.
Ent. S., v, 1882, p. 7.
Amblychus, Gyllenhal, Ins. Succ., ii, 1810, p. 74.
Baudia, Ragusa, Nat. Sicil., vii, 1884, p. 3.
Trimorphus, Stephens, Cat. Brit. Ins., 1829, p. 405.
- rubidicollis*. Wiedemann, Zool. Mag., ii (i), 1823, p. 58.
Hab. Bengal.
- thoractus*. Wiedemann, *l. c.*, p. 57.
Hab. India.

Genus **ECCOPTOGENIUS.**

- Chaudoir, Bull. Mosc., xxv (i), 1852, p. 72 : Lacord., Gen. Col., i, p. 320 : Mun.
Cat., p. 297.
- moestus*, Chaudoir, *l. c. supra*, p. 74 : Bates, Ann. Mag. N. H., (5 s.) xvii, p. 212.
? *retinens*, Walker, Ann. Mag. N. H., (3 s.) iii, 1859, p. 51.
Hab. N. India, Ceylon.

Genus **DIROTUS.**

- MacLeay, Annul. Javan., 1825, p. 16 : Lacord., Gen. Col., i, p. 312 : Mun. Cat.,
p. 294 : Lap. de Casteln., Hist. Nat. Ins., i, p. 133.
- subiridescens*, MacLeay, Annul. Javan., 1825, p. 16 : Hope, Col. Man., ii, t. 2, f.
1. a—e.
Hab. Java.

PLATYINI:—Horn, Gen. Carab., p. 141 : Leconte & Horn, Class. Col., p. 33 : (*Anohomenini*) Bates, Biol. Centr. Amer., Col., ii., p. 91.

Horn forms three sub-divisions :—*Platyni* (*Calathus*, *Pristonychus*), *Masorei*, and *Perigoni*.

Genus **SPHODRUS**.

Clairville, Ent. Helv., ii, 1806, p. 88 : Brullé, Hist. Nat. Ins. Col., i, 1834, p. 310 ; Lacord., Gen. Col., i, p. 340 : Mun. Cat., p. 356 : Motsch., Bull. Mosc., xxxvii (3), 1864, p. 314 *tab. syn.*

? *brunnens*, Hope, Gray's Zool, Misc., 1831, p. 21.

Hab. Nepál.

cordicollis, Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 315.

Hab. Circassia, Georgia, India [Ind. Mus., ? var, Murree].

indus, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 67.

Hab. N. W. Himálaya [? *Ind. Mus.* Murree].

Genus **EULEPTUS**.

Klug, Bericht über Madagasc. Ins., 1833, p. 9 : Lacordaire, Gen. Col., i, 1854, p. 353.

odorus, Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 365.

Hab. Himálaya.

Genus **FEANUS**.

Bates, Ann. Mus. Civ. Gen., (2 s.) vii, 1889, p. 107.

spinipennis, Bates, *l. c.*, p. 108.

Hab. Burma, Bhamo, Teintso.

Genus **ONYCHOLABIS**.

Bates, Trans. Ent. S. Lond., 1873, p. 329.

sinensis, Bates, *l. c.*, p. 329.

Hab. Yangtse Valley.

Genus **CALATHUS**.

Bonelli, Obs. Ent., tab. syn., 1809 : Dejean, Spec., iii, p. 62 : Brullé, Hist. Nat.

Ins. Col., i, 1834, p. 303 : Lacord., Gen. Col., i, p. 342 : Gautier, MT. Schw. Ent.

Ges., ii, 1867, p. 236 : Putzeys, *Monograph*, Ann. Soc. Ent. Belg., xvi, 1873, p. 19 :

Mun. Cat., p. 360 : Leconte, Proc. Acad. Phil., vii, 1854, p. 36 ; *ib.*, 1860, p. 317.

Odontonyx, Stephens, Cat. Brit. Ins., 1829, p. 28 ; *ib.*, Man. Brit. Col., p. 28.

Pristodaotyla, Dejean, Spec., iii, 1828, p. 32 : Lacord., Gen. Col., i, p. 343.

Pristosia, Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 311 : Mun. Cat. p. 360.

senecopreus, Fairmaire, Ann. Sc. Ent. Fr., (6 s.) vi, 1886, p. 314.

Hab. Yunnan.

cathaicus (*Pristodaotyla*), Bates, Trans. Ent. S. Lond., 1873, p. 330.

Hab. Fuchau.

- cyolodera* (*Pristodactyla*), Bates, l. c., p. 273.
Hab. Fuchau, Japan.
- crenatus*, Putzeys, Ann. Soc. Ent. Belg., xvi, 1873, p. 82.
Hab. N. India.
- Delevayii*, Fairmaire, l. c., xxxi, 1887, p. 96.
Hab. Yunnan.
- falsicolor*, Fairmaire, Ann. Soc. Ent. Fr., (6 s.) vi, 1886, p. 315.
Hab. Yunnan.
- Kollarii*, Putzeys, Ann. Soc. Ent. Belg., xvi, 1873, p. 72.
angustatus, Redtenb., Hügel's Kaschmir, iv (2), 1844, p. 500 (*nom. praeoc.*)
Hab. India.
- lateritius*, Fairmaire, Ann. Soc. Ent. Fr., (6 s.) vi, 1886, p. 314.
Hab. Yunnan.
- pectiniger*, Putzeys, Ann. Soc. Ent. Belg., xvi, 1873, p. 86.
Hab. N. India.
- piceus* (*Pristosia*), Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 312; Putzeys, Ann. Soc. Ent. Belg., xvi, 1873, p. 91.
Hab. India.

Genus PRISTONYCHUS.

- Dejean, Spec., iii, 1828, p. 43; Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 379; Lacord., Gen. Col., i, p. 341; Mun. Cat., p. 358; Schaufuss, *Monograph*, SB. Nat. Ges. 'Isis,' xliii, 1865, p. 139; Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 379.
Cryptotrichus, Schaufuss, *Monograph*, 1865, p. 110; Mun. Cat. p. 355.
Cryptomenus, Motsch., Bull., Mosc., xxxvii, (8), 1864, p. 314.
Otenipes, Latreille *Régne Anim.* (2 ed.) iv, 1829, p. 400.
{ *Læmostenus*, Bedel, Ann. Soc. Ent. Fr., (5s) vii, 1877, p. 250.
 Læmosthenes, Bonelli, Mém. Ac. Turin, 1809, *tab. syn.*; Mun. Cat., p. 355.
Platynomerus, Faldermann, Faun. Ent. Transc., i, 1835, p. 45; Mun. Cat., p. 354.
- viscosus*, Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 95.
Hab. Yunnan.
- spiniifer*, Schaufuss, S. B. Nat. Ges. 'Isis,' 1862, p. 66; *ib.*, Mon., 1865, p. 176.
Hab. Himálaya.

Genus PLATYNUS.

- Bonelli, Obs. Ent., i, 1809, *tab. syn.*; Motsch., Bull. Mosc., xxxvii (3), 1864, p. 316; Mun. Cat., p. 366; Leconte, Proc. Acad. Phil., vii, 1854, p. 39; Bates, Trans. Ent. S. Lond., 1873, p. 278; *id.*, Biol. Centr. Amer. Col., i (i), p. 91; Leconte, Bull. Brookl. Ent. S., ii, 1879, p. 43.
Ageneocyrtus, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 317.
Agonothorax, Motsch., l. c., p. 317.
Agonum, Bonelli, Mém. Ac. Turin., 1813 *tab. syn.*
Anchodenus, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 317.
Anchomenus, pt., Bonelli, Mém. Ac. Turin., 1813, *tab. syn.*; Lacord. Gen. Col., i, p. 349.

- Anohus*, Leconte, Proc. Ac. N. Sci. Phil., vii, 1854, p. 36.
Batenus, Motsch., Bull. Mosc. l. c. *supra*, p. 317 *ined.* ?
Olibanarius, Gosis, M. T. Schw. Ent. Ges., vi, 1882, p. 295.
Dolichodes, Motsch., l. c. *supra*, p. 317.
Europhilus (Chaudoir) : Motsch. l. c. p. 317 : *ined.* ?
Limodromus (Eschsch.), Motsch., l. c. p. 317, 318.
Oxyptelaphus, Chaudoir, Bull. Mosc., xvi, 1843 p. 415.
Promecoptera, Dejean, Spec., v., 1831, p. 443 ; Lacord., Gen. Col., i, p. 131 : Mun. Cat., p. 143.
Rhodine, Leconte, Ann. Lyc. Nat. Hist. New York, 1848, p. 218.
Rhytiderus, Chaudoir, Bull. Mosc., xvii (3), 1844, p. 470.
Tanystola, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 317.
 [*Anohomenus* (*Bonelli*), Bates (Biol. Centr. Amer., Col., i (i), p. 93, should apparently be separated].
- aneotinctus* (*Anohomenus*), Bates, Trans. Ent. S. Lond., 1873, p. 330.
 Hab. Fuchau.
- amaroides* (*Calathus*), Putseys, Stettin. Ent. Zeit., xxxviii, 1877, p. 103.
 Hab. Darjiling.
- ceylonicus* (*Agonothorax*), Motschulsky, Et., Ent., viii, 1859, p. 36.
 Hab. Ceylon, Dikoya (*Bates*).
- chinensis*, Bohemann, Freg. Eug. Resa, Col., 1858, p. 15.
 Hab. China.
- balnio* (*Anohomenus*), Bates, Trans. Ent. S. Lond., 1873, p. 279.
 Hab. China, Fuchau, Japan.
- illocatus* Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 203 : Bates (*Anohomenus*), *ib.*, (5s.) xvii, 1886, p. 146.
degener (*Argutor*), Walker, l. c. *supra*, p. 204.
 Hab. Ceylon, Nuwara Eiiya.
- iridens* (*Anohomenus*), Bates, Trans. Ent. S. Lond., 1873, p. 329.
 Hab. Hongkong.
- * *ladakensis*, Bates, Proc. Zool. S. Lond., 1878, p. 718.
 Hab. Pámir, Pankong Valley, Tangtze, [*Ind. Mus.*, type].
- laetus*, Erichson, Nov. Acta Leop. Car., 1834, Suppl., p. 222, t. 37. f. 2.
 Hab. Philippinea.
- limbaticollis*, Gemm. & Har., Mun. Cat., p. 373.
limbatus, Bohem., Freg. Eug. Resa, Col., 1858, p. 15 (*nov. Say*).
 Hab. China.
- liscopterus*, Chaudoir, Bull. Mosc., xxvii (i), 1854, p. 136.
 Hab. N. India.
- magnus* (*Anohomenus*), Bates, Trans. Ent. S. Lond., 1873, p. 278.
 Hab. Yangtse Valley, Shanghai, Japan.
- marginalis* (*Lobia*), Wiedemann, Zool. Mag., ii (i), 1823, p. 60. (? *Anohomenus*) : (*Promecoptera*) Lap. de Casteln., Hist. Nat. Ins., i. p. 54 :
 Hab. Bengal.

- nucous* (*Anohomenus*), Fairmaire, Ann. Soc. Ent. Belg. xxxi, 1887, p. 96.
Hab. Yunnan.
- orbicollis* (*Agonocyrtus*), Motsch., Bull. Mosc., xxxvii (3), 1864, p. 323.
Hab. Hongkong.
- placidulus* (*Agonum*), Walker, Ann. Mag. N. H., (3s) ii, 1858, p. 203.
Hab. Ceylon.
- politissimus*, Bates, Proc. Zool., S. Lond., 1878, p. 719.
Hab. India, Murree (Panjab) [*Ind. Mus.*, type].
- protensus* (*Dyscolus*), Morawitz, Beitr. Käferf. Jesso, 1868, p. 42 : Bates, Trans. Ent. S. Lond., 1873, p. 278.
Hab. China, Japan.
- scintillans*, Bohem., Freg. Eug. Resa, Col., 1858, p. 16.
Hab. Hongkong.
- semicupreus* (*Agonum*), Fairmaire, Ann. Soc. Ent. Belg. 1887, p. 97.
Hab. Yunnan.

Genus **DICRANONCUS.**

- Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 392 ; Lacord., Gen. Col., i, p. 358 : Mun. Cat., p. 384 : Chaudoir, Ann. Soc. Ent. Fr., (5s.) viii, 1878, p. 277.
Loxocrepis, Brullé, Hist. Nat. Ins. Col., i, 1834, p. 325 (*nec* Eschsch) :
Motsch., Bull. Mosc., xxxvii (4), 1864, p. 309.
- amabilis*, Chaudoir, Ann. Soc. Ent. Fr., (3s.) ix, 1859, p. 350 note ; *id.*, (5s.) viii, 1878, p. 277.
ruficeps (*Loxocrepis*), Brullé (*nec* MacLeay), Hist. Nat. Ins., Col., i, 1834, p. 325, t. 12, f. 2.
Hab., N. India, Java.
- cinclipennis*, Chaudoir, Ann. Soc. Ent. Fr., (5s.) viii, 1878, p. 278.
Hab. Ceylon, Hongkong.
- femoralls*, Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 393 : *id.*, Ann. Fr., *l.c. supra*, p. 277 : Bates, Trans. Ent. S. Lond., 1873, p. 279.
oclestinus (*Loxocrepis*), Motsch., Bull. Mosc. xxxvii (3), 1864, p. 310.
Hab. Bengal, Simla, Burma, Japan (*Lewis*).

Genus **MENERA.**

- Motschulsky, Et. Ent., 1859, p. 32.
quadridens, Motschulsky, *l.c.*, p. 32.
Hab. Java.

Genus **COLPODES.**

- MacLeay, Annul. Javan., 1825, p. 17 : Lacord. Gen. Col., i, p. 361 : Mun. Cat., p. 381 : Chaudoir, Ann. Soc. Ent. Fr., (3s.) ix, 1859, p. 287 ; *id.*, *Monograph, l.c.*, (5s.) viii, 1878, p. 278 : Bates, Biol. Centr. Amer., Col., i (i), p. 100.
Abropus, Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 306 (*nec* Guérin).
Dyscolus, Dejean, Spec., v, 1831, p. 437 : Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 381 : Lacord., Gen. Col., i, p. 366.

- Lowocropis*, Eschsch., Zool. Atlas, ii, 1829, p. 6 : Lacord., Gen. Col., i, p. 362.
- Metallosomus*, Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 304.
- Omiastus*, Motschulsky, *l.c.*, p. 306.
- Ophryodaactylus*, Chaudoir, *l.c.*, xxiii (2), 1850, p. 382.
- Paranomus*, Chaudoir, *l.c.*, p. 383.
- Pleurosoma*, Guérin, Mag. Zool., vi, 1844, t. 186.
- Scaphiodaactylus*, Chaudoir, Bull. Mosc., xi, 1838, p. 20.
- Stenocnemus*, Mannerheim, Bull. Mosc., x, 1837, p. 29.
- abropoides**, Chaudoir, *Mon.*, *l.c. supra* p. 361.
Hab. Philippines.
- aeolipennis** (*Dyscolus*), Dejean, Spec., v, 1831, p. 441 ; Chaudoir, *Mon.*, p. 338.
Hab. Java.
- aeulescens**, Chaudoir, *Mon.*, p. 368.
Hab. N. India.
- amoenus**, Chaudoir, Ann. Soc. Ent. Fr., (3s.) ix, 1859, p. 327 ; *Mon.*, p. 367.
splendens, Morawitz, Bull. Acad. Petrop., v, 1863, p. 324.
Hab. N.-W. India, Ceylon, Dikoya (Bates), Java, Philippines, Japan.
- apicaris**, Chaudoir, *Mon.*, p. 367.
Hab. Philippines.
- baconii**, Chaudoir, *Mon.*, p. 311.
Hab. Bengal.
- bengalensis**, Chaudoir, *Mon.* p. 312.
Hab. Bengal.
- bipars** (*Lobia*), Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 203 : Bates, *id.*, (5s.) xvii, 1886, p. 148.
Hab. Ceylon.
- bispinus** (*Euplynes*), Motschulsky, Et. Ent., 1859, p. 33.
Hab. Java.
- brunneus**, MacLeay, Annul. Javan., 1825, p. 17, t. 1, f. 3 : Gray, Griffith Anim. Kingd. Ins., i, t. 15, f. 3 : Lap. de Casteln., Hist. Nat. Ins., i, p. 57.
Hab. Java.
- buchanani**, Hope, Gray's Zool. Misc., 1831, p. 21 : Lap. de Casteln. *l.c.*, *supra*, p. 57.
Hab. Nepal.
- coelopterus**, Chaudoir, *Mon.*, p. 368.
Hab. Shanghai.
- curralis**, Chaudoir, *Mon.*, p. 376.
Hab. India, Malabar.
- dohrati**, Nietner, Ann. Mag. N. H. (3s.), ii, 1858, p. 429 ; Chaudoir, *Mon.*, p. 375.
Hab. Ceylon, Colombo, Pusilawa.
- hardwickii**, Hope, Gray's Zool. Misc., 1831, p. 21 : Lap. de Casteln., Hist. Nat. Ins. i, 1850, p. 57.
Hab. Nepal.

- hirmocoelus**, Chaudoir, *Mon.*, 365.
Hab. N. India.
- incertus**, Chaudoir, *Mon.*, p. 369.
? = *Buchanani*, Hope, *supra cit.*
Hab. India.
- iteratus**, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 149.
Hab. Ceylon, Dikoya, Nuwara Eliya.
- japonicus** (*Tanystola*), Motsch., Et. Ent., 1860, p. 9: ? Morawitz, Bull. Acad. St. Petersb., v, 1863, p. 324: Bates, Trans. Ent. S. Lond., 1873, p. 277.
Hab. Japan, China.
- lamprides**, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 147.
Hab. Ceylon, Hadley, Dikoya.
- lusonicus**, Chaudoir, *Mon.*, 366.
Hab. Philippinae.
- nigriceps** (*Loxocrepis*), Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 310.
Hab. India.
- nilgherriensis**, Chaudoir, *Mon.*, p. 301.
Hab. India, Nilgiris, Malabar.
- obscuritarsis**, Chaudoir, *Mon.*, p. 375.
Hab. Burma, Rangoon.
- olivius**, Bates, Trans. Ent. S. Lond., 1873, p. 331.
Hab. Hongkong.
- ovaliceps**, Bates, Proc. Zool. S. Lond., 1873, p. 719.
Hab. India, Murree [*Ind. Mus.*, type].
- parallelus**, Chaudoir, Ann. Soc. Ent. Fr., (5s.) ix, 1859, p. 326; *Mon.*, p. 368.
Hab. Sumatra.
- plagioderus**, Chaudoir, *Mon.*, p. 374.
Hab. India.
- repletus**, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 148.
Hab. Ceylon, Bogawantalawa.
- retusus**, Bates, *l.c. supra*, p. 148.
Hab. Ceylon, Kandy.
- rotundatus**, Chaudoir, *Mon.*, p. 302.
Hab. Nilgiris, Malabar.
- ruficeps** (*Lamprias*), MacLeay, Annul. Javan., 1825, p. 25: (*Loxocrepis*), Eschsch., Zool. Atlas, ii, p. 6, t. 8, f. 3: Gray, Griffith's Anim. Kingd., Ins., i, 1832, t. 19, f. 1: Chaudoir, Ann. Soc. Ent. Fr., (3 s.) ix, 1859, p. 348; *id.*, *Mon.* p. 376: Bates, Trans. Ent. S. Lond., 1883, p. 263; *id.*, Ann. Mag. N. H., (5 s.) xxii, p. 147.
Hab. India, Java, Sumatra, Philippines [*Ind. Mus.*, Calcutta, Sikkim].
- rufitarsis** (*Dyscolus*), Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 385; Ann. Soc. Ent. Fr., (3 s.) ix, 1859, p. 351; *Mon.*, p. 375.
Hab. Singapur, Sumatra.

- saphyrinus*, Chaudoir, *Mon.*, p. 366.
Hab. Penang, Tonda.
- saphyripennis*, Chaudoir, *Mon.*, p. 334.
Hab. India.
- semilacens*, Fairmaire, Ann. Soc. Ent. Fr., (6 a.) vi, 1886, p. 315.
Hab. Yunnan.
- semistriatus*, Chaudoir *Mon.*, p. 365.
Hab. N. India.
- amaragdipennis*, Chaudoir, Ann. Soc. Ent. Fr., (3 s.) ix, 1859, p. 359 : *Mon.*, p. 375.
Hab. Sumatra, Mt. Singalang.
- sticticollis*, Fairmaire, Ann. Soc. Ent. Fr., (6 s.) vi, 1886, p. 316.
Hab. Yunnan.
- subsericatus*, Fairmaire, l. c., p. 316.
Hab. Yunnan.
- xycephanta*, Fairmaire, l. c., p. 316.
Hab. Yunnan.
- Xenos*, Bates, Ann. Mag. N. H., (5 a.) xvii, 1886, p. 146.
Hab. Ceylon, Bogawantalawa.

Genus **PIRANTILLUS**,

- Bates, Ann. Mus. Civ. Gen., (2 s.) vii, 1819, p. 108.
- Few, Bates, *l. c.*, p. 109.
Hab. Burma, Tenasserim, Meetan.

Genus **CAPHORA**.

- Schmidt Goebel, Faun. Col. Birm., 1846, p. 91 : Lacord. Gen. Col., i, p. 309 : Schaum, Berlin Ent. Zeits., vii, 1863, p. 76 : Mun. Cat., p. 146.
- humilis*, Schmidt Goebel, *l. c. supra*, p. 91, t. 3, f. 8 : Chaudoir, Bull. Mosc., li (3), 1876, p. 8.
Hab. Burma.

Genus **ANAULACUS**.

- MacLeay, Annul. Javan., 1825, p. 22 : Lap. de Casteln., Hist. Nat. Ins., i, p. 123.
- Aphnidius*, MacLeay, Annul. Javan., 1825, p. 23 : Lap. de Casteln., Hist. Nat. Ins., i, p. 123 : Lacord., Gen. Col., i, p. 308 : Chaudoir, *Mon.*, p. 15.
- Macrosanthus*, Chaudoir, Bull. Mosc., xix, 1846, p. 539 ; *id.*, *Mon.*, p. 23 : Lacord., Gen. Col., i, p. 265.
- Masoreus*, 'Dejean, Spec., iii, 1828, p. 536 : Lacord., Gen. Col., i, p. 140 : Mun. Cat., p. 145 : Zimmermann, *Mon.*, Gistel's Faunus, i, 1832, p. 119 : Schaum, Berlin Ent. Zeits., vii, 1863, p. 76 : Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 234 : Chaudoir, *Mon.*, *l. c.* li (3), 1876, p. 11, 23, 25 : Bates, Biol. Centr. Amer. Col., i (i), p. 174.

- adelloides* (*Aephnidius*), MacLeay, *Annul. Javan.*, 1825, p. 23, t. 1, f. 7 : Schmidt Goebel, *Faun. Col. Birm.*, p. 88 : Lap. de Casteln., *Hist. Nat. Ins.*, i, p. 123 : Bates, *Trans. Ent. S. Lond.*, 1873, p. 307 : Chaudoir, *Mon.*, p. 17 : Bates, *Ann. Mus. Civ. Gen.*, (2 s.) vii, 1889, p. 110.
sericeus, Zimmermann, *Mon.*, 1832, p. 120 : Motsch., *Bull. Mosc.*, xxxvi (3), 1864, p. 234 : Chaud., *Mon.*, p. 17.
 Hab. Java, Bengal, Dekhan, Burma, Bhamo, Cochina China, Japan, W. Australia.
- fasciatus* (*Aephnidius*), Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 89 : Chaudoir, *Mon.*, p. 25.
 var. *basalis*, Fleutiaux, *Ann. Soc. Ent. Fr.*, (6 s.) vii, 1887, p. 59, 60, t. 4, f. 1.
 Hab. Burma ; Annam, Hué.
- fuscipennis* (*Aephnidius*), Schmidt Goebel, *l. c.*, p. 89 : Chaudoir, *Mon.*, p. 16 : Bates, *Ann. Mus. Civ. Gen.*, (2 s.) vii, 1889, p. 110.
 Hab. Burma, Bhamo, Shwegu, Tenasserim.
- opaolus* (*Masoreus*), Zimmermann, *Mon. Carab.*, 1832, p. 120 : Chaudoir, *Mon.* p. 19.
 Hab. India, Ceylon.
- orientalis* (*Masoreus*), Dejean, *Spec.*, iii, 1828, p. 539 : Chaudoir, *Mon.* p. 14.
grandis, Zimmermann, *Mon. Carab.*, 1832, p. 121.
laticollis, Chaudoir, *Bull. Mosc.*, xvi (4), 1843, p. 778.
 Hab. India, Egypt, Abyssinia.
- pleuronectes* (*Masoreus*), Zimmermann, *Mon.*, 1832, p. 120 : Chaudoir, *Mon.* p. 19.
 Hab. India, Malabar, Coimbatore, Ceylon.
- quadrimaculatus* (*Aephnidius*), Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 90 : Chaudoir, *Mon.*, p. 25.
 Hab. Burma.
- sericans* (*Masoreus*), Schmidt Goebel, *l. c. supra*, p. 87 : Chaudoir, *Mon.*, p. 28 (*gen. dub. near Mochtherus*).
 Hab. Burma.
- sericoipennis* (*Anaulacus*), MacLeay, *Annul. Javan.*, 1825, p. 22, t. 1, f. 4 : Lap. de Casteln., *Hist. Nat. Ins.*, i, p. 123 : Chaudoir, *Mon.*, p. 25.
 Hab. Java.
- siamensis* (*Masoreus*), Chaudoir, *Mon.*, p. 25.
 Hab. Bangkok.
- simplex* (*Aephnidius*), Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 89 : Chaudoir, *Mon.*, p. 22 : Bates, *Ann. Mus. Civ. Gen.*, (2 s.) vii, 1889, p. 110.
 Hab. Bengal, Malabar ; Burma, Bhamo, Mandalay.

Genus PERIGONA.

- Lap. de Casteln., *Et. Ent.*, 1834, p. 15 : Chaudoir, *Bull. Mosc.*, xlv (2), 1872, p. 281 : Putseys, *Ann. Mus. Civ. Gen.*, iv, 1873, p. 218 : Bates, *Biol. Centr. Amer. Col.*, i (i), p. 133.
Masoreus, pt, Lacordaire, *Gen. Col.*, i, p. 134.

- Nestra*, Motsch., Bull. Mosc., xxiv (4), 1851, p. 506 ; Et. Ent., 1859, p. 37 : Mun. Cat., p. 394.
- Sitopia*, Castelneau, Trans. R. S. Victoria, viii (2), 1868, p. 127.
- Spathinus*, Nietner, Ann. Mag. N. H. (3 s.), ii, 1858, p. 428 : Mun. Cat., p. 394.
- Trochilus*, Leconte, Trans. Amer. Phil. Soc. x, 1858, p. 386 : Lacord., Gen., Col., i, p. 393.
- Beccarii**, Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 732.
var. *suffusa*, Bates, Ann. Mag. N. H., (5 s.) xvii, 1886, p. 151.
Hab. Borneo, Sarawak ; Ceylon.
- convexicollis**, Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 729.
Hab. Johore, Malayan Peninsula.
- finicola**, Wollaston, Ins. Mader., 1854, p. 63 : Ann. Mag. N. H., (3 s.) viii, 1862, p. 288 ; Col. Hesperid. p. 27 : Bates Ann. Mag. N. H., (5 s.) xvii, 1886, p. 150.
Jansonianus, Wollaston, Ann. Mag. N. H., (3 s.) ii, 1858, p. 19.
Hab. Cape Verde Islands, Ceylon, Colombo.
- ivens**, Putzeys, Ann. Mus. Civ. Gen., iv, 1873, p. 225.
Hab. ? Coromandel.
- lasonica**, Putzeys, *l. c.*, vii, 1875, p. 728.
Hab. Philippines, Manilla.
- minor**, Putzeys, *l. c.*, p. 734.
Hab. Borneo, Sarawak.
- nigricops** (*Spathinus*), Nietner, Ann. Mag. N. H., (3 s.) ii, 1858, p. 429.
? = *finicola*, Wollaston, *supra cit.*
Hab. Ceylon.
- nigricollis** (*Nestra*), Motsch., Bull. Mosc., xxiv (4), 1851, p. 506 : Putzeys, Ann. Mus. Civ. Gen., iv, p. 222.
Hab. Borneo, Sarawak, Ceylon.
- nigrifrons** (*Nestra*), Motsch., Et. Ent., 1859, p. 38, t. 1, f. 1 : Putzeys, *l. c. supra*, p. 220.
Hab. Ceylon, Galle (*Putzeys*), Bogawantalawa (*Bates*).
- ruficollis** (*Nestra*), Motsch., Bull. Mosc., xxiv (4) 1851, p. 506 : Putzeys, Ann. Mus. Civ. Gen., iv, p. 222 ; Bates, *l. c.*, (2 s.) vii, 1889, p. 104.
Hab. Ceylon Kandy (*Bates*), Borneo, Sarawak (*Putzeys*), Burma (*Bates*).
- sinuaticollis**, Bates, Ann. Mag. N. H., (5s) xvii, 1886, p. 149.
Hab. Ceylon.
- ANCHOMODERINI** :—Lacordaire, Gen. Col., i, 1854, p. 373 : Bates, Ent. Mon. Mag., viii, 1871, p. 29 : Horn, Cat. Carab., p. 144 : Leconte & Horn, Class. Col., 1863, p. 35.

Genus **LASIOCERA.**

- Dejean, Spec., v, 1831, p. 283 : Brullé, Hist. Nat. Ins. Col., i, p. 142 : Chaudoir, Bull. Mosc., xxxii (2), 1850, p. 402 : Lacord., Gen. Col., i, p. 376 : Mun. Cat., p. 397.

orientalis, Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 408.
Hab. N. India.

Genus **OCHTNEPHILUS**.

Nietner, Jl. As. Soc. Beng., xxvi, 1857, p. 186; *id.*, Ann. Mag. N. H., (2 s.) xx, 1857, p. 275: Mun. Cat. p. 399.

Perileptus, Schaum, Nat. Ins., i, 1860, p. 663.

ceylanicus, Nietner, Jl. As. Soc. Beng., *l. c. supra.*, p. 137: Ann. Mag. *l. c. supra* p. 276: Putzeys, Stettin Ent. Zeit., xxxi, p. 362.

Hab. Ceylon.

Genus **SELINA**.

Motsch., Et. Ent., 1857, p. 110: Schaum, Berlin Ent. Zeits., vii, 1863, p. 74.

Steleodora, Schaum, Chaudoir, Bull. Mosc., xlv (i), 1872, p. 396.

Ritsemae, Oberthür, Notes Leyden Mus., v, 1883, p. 223.

Hab. E. Sumatra, Serdang.

Westermannii, Motschulsky, Et. Ent., 1857, p. 110, t. 1, f. 6: Schaum, Berlin.

Ent. Zeits., 1860, p. 172, t. 3, f. 11, a. b.

setosus (Pselaphanax), Walker, Ann. Mag. N. H., (3 s.) iii, 1859, p. 52: Waterhouse, Aid Ident. Ins., t. 120.

Hab. India, Tranquebar; Ceylon, Peradeniya (*Bates*); ? Madagascar, Natal.

HEXAGONINI (Ctenodactylini), Horn, Gen. Carab., p. 145.

Genus **HEXAGONIA**.

Kirby, Trans. Linn. S. Lond., xiv, 1825, p. 563: Brullé, Hist. Nat. Col., i, p. 476:

Lacord., Gen. Col., 1, p. 69: Schmidt Goebel, Faun. Col. Birm., p. 49: Mun. Cat., p. 86: Bates, Biol. Centr. Amer., Col., i (i), p. 158.

Trigonodactyla, Dejean, Spec. v, 1831, p. 288: Chaud., Bull. Mosc., xxxiv (i), 1861, p. 532.

apicalis, Schmidt Goebel, Faun. Col. Birm., 1846, p. 51, t. 2, f. 1.

Hab. Calcutta (Kasipur).

Bowringii, Schaum, Berlin Ent. Zeits., 1863, p. 73, 433, t. 3, f. 8.

Hab. Penang.

brunnea, Chaudoir, Bull. Mosc., xxxiv (i), 1861, p. 531: Schaum, Berlin Ent. Zeits.,

vii, 1863, p. 433.

Hab. N. India.

cephalotes (Odacantha), Dejean, Spec. ii. 1826, p. 439: (*Trigonodactylus*) Guérin,

Mag. Zool., 1833, cl. ix, p. 73: Lap. de Casteln., Hist. Nat. Ins., i, p. 31.

Hab. India.

Kirbyi, Schmidt Goebel, Faun. Col. Birm., 1846, p. 51, t. 2, f. 2.

Hab. Darjiling.

longithorax (*Lebia*), Wiedemann, Zool. Mag. ii (i), 1823, p. 58: Schaum, Berlin Ent. Zeits., vii, 1863, p. 433.

Hab. India.

terminata, Kirby, Trans. Linn. S. Lond., xiv, 1825, p. 564 (*neo* Dejean): Brullé, Hist. Nat. Ins., Col., i, p. 227: Lap. de Casteln., Hist. Nat. An. Art., i, p. 46.

Hab. India.

ODACANTHINI (*Odontacanthini* Col. Hefte. vi., p. 114): Lacordaire, Gen. Col., i, p. 71: Horn, Gen. Carab., p. 147: Leconte & Horn., Class. Col., 1883, p. 38.

Genus **CASNONIA.**

Latreille, Ic. Col. Eur., i, 1822, p. 77: Lacord., Gen. Col., i, p. 72: Chaudoir, Bull. Mosc., xxi (i), 1848, p. 44; *id.*, *ib.*, xxxv (4), 1862, p. 275; xlv (i), 1872, p. 397: Mun. Cat., p. 86: Leconte, Bull. Brookl. Ent. S., ii, 1880, p. 85: Bates, Biol. Centr. Amer., Col., i, (i), p. 160.

Apiodera, Chaudoir, Bull. Mosc., xxi (i), 1848, p. 35: Lacord., Gen. Col. i. p. 72.

Lachnothorax, Motschulsky, Et. Ent., 1862, p. 48.

Ophionea, pt, Klug, Ent. Bras. Spec. prim., p. 298 (*neo* Eschsch.).

Plagioryhtis, Chaudoir, Bull. Mosc., xxi (i) 1848, p. 31: Lacord, Gen. Col., i, p. 71.

apicalis (*Odacantha*), Chaudoir, Bull. Mosc., xlv (i), 1872, p. 408.

Hab. Siam, Bangkok.

biguttata (*Lachnothorax*), Motsch., Et Ent., 1862, p. 50.

oculata, Chaudoir, Bull. Mosc., xxxv (4), 1862, p. 291.

Hab. India, Tranquebar; Siam.

bimaculata, Kollar, Hügel Kaschmir, iv (2), 1844, p. 498, t. 23, f. 2: Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 25.

Hab. Kashmir, Simla [*Ind. Mus.*].

celebensis, B. Gestro, Ann. Mus. Civ. Gen., vii 1875, p. 854.

Hab. Siam, Bangkok.

Chaudoirii (*Ophionea*), Bohemann, Freg. Eug. Resa Col., 1858, p. 2.

Hab. Hongkong [*Ind. Mus.*].

distigma, Chaudoir, Bull. Mosc., xxii (i), 1850, p. 26; xlv (i), 1872, p. 407.

bimaculata, Schmidt Goebel, Faun. Col. Birm., 1846, p. 18 (*neo* Kollar).

Hab. Burma.

flavicauda, Bates, Trans. Ent. S. Lond., 1873, p. 308.

Hab. China, Fuchau, Japan.

fulvipennis (*Odacantha*), Chaudoir, Bull. Mosc., xlv (i), 1872, p. 407: Bates, Trans. Ent. S. Lond., 1883, p. 278.

Hab. Hongkong, ? Celebes.

fascipennis Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 26; *id.*, xxxv (4), 1862, p. 289: Fairm., Ann. Soc. Ent. Fr., (6 s.) viii, 1888, p. 334.

Hab. India, Simla, Tranquebar, Siam, Malacca, Tonkin, Maccassar, China, Chusan.

- haemorrhoidalis*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 219: Chaudoir *l. c.* xlv (i), 1872, p. 404; lii (2), 1877, p. 266.
Hab. India, Ceylon, Colombo (*Bates*), Siam, Celebes, ? Chusan.
- latifascia*, Chaudoir, Bull., Mosc., xlv (i), 1872, p. 404.
Hab. India.
- litura* (*Odoantha*), Schmidt Goebel, Faun. Col. Birm., 1846, p. 22: Chaudoir, Bull. Mosc., xlv (i), 1872, p. 405; lii (2), 1877, p. 266.
Hab. Burma, Java, Japan.
- metallica*, Fairmaire, Ann. Soc. Ent. Fr., (6 s.) viii, 1888, p. 334.
Hab. Tonkin.
- opacipennis*, R. Gestro, Ann. Mus. Civ. Gén., (2 s.) vi, 1888, p. 107.
Hab. Burma, Bhamo.
- vilifera*, Nietner, Ann. Mag. N. H., (3 s.) ii, 1858, p. 179.
Hab. Ceylon.
- punctata*, Nietner, *l. c.*, *supra*, p. 178.
Hab. Ceylon.
- subapicalis*, Oberthür, Notes Leyden Mus., v, 1883, p. 216.
Hab. E Sumatra, Serdang.
- tetraspilota*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 19.
Hab. Burma.
- virgulifera*, Chaudoir, Bull. Mosc., xlv (i), 1872, p. 403: Gestro, Ann. Mus. Civ. Gén., vii, p. 854.
Hab. Siam, Bangkok.

Genus OPHIONEÆ.

- Eschsch., Zool. Atlas, ii, 1829, p. 5: Chaudoir, Bull. Mosc., xxi (i), 1848, p. 43;
Lacord., Gen. Col., i, p. 73: Mun. Cat., p. 85.
Casnoidea, Lap de Casteln., Et., Ent., i, 1834, p. 40; *id.*, Hist. Nat. An. Ins., i, p. 28.
- Beanchenii*, Fairmaire, Ann. Soc. Ent. Fr., (6 s.) viii, 1888, p. 333.
Hab. Tonkin.
- cyanocephala* (*Carabus*), Fabr., Ent. Syst. Suppl., 1798 p. 60: (*Casnonia*) Dejean, Spec., i, p. 173; Lacord. Gen. Col. Atlas, t. 3. f. 2: Schmidt Goebel, Faun. Col. Birm., p. 20.
Hab. India, Ceylon, Colombo (*Bates*), Celebes, Japan, Hongkong [*Ind. Mus.*, Calcutta, S. India].
- interstitialis*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 20.
Hab. Burma, Java, Soerabaya, Buitenzorg, Celebes.
- nigrofasciata*, Schmidt Goebel, *l. c.*, p. 21.
Hab. Burma, Ceylon, Colombo (*Bates*).

Genus DICRASPEDA.

- Chaudoir, Bull. Mosc., xxxv (4), 1862, p. 300.
- brunnea*, Chaudoir, *l. c.*, p. 300.
Hab. Siam.

DRYPTINI :—Horn, *Gen. Carab.*, p. 148 : Leconte & Horn, *Class Col.*, 1883, p. 40 :
Lacordaire (*Galeritidos*), *Gen. Col.*, i, p. 79.

Genus **DRYPTA.**

Fabricius, *Syst. Eleuth.*, i, 1801, p. 230 : Brullé, *Hist. Nat. Ins. Col.*, i, p. 163 :
Lacord. *Gen. Col.*, i, p. 75 : *Mun. Cat.*, p. 90.

acneipennis, Bates, *Ann. Mus. Civ. Gen.*, (2s.) vii, 1889, p. 109.
Hab. Burma, Bhamo.

amabilis, Chaudoir, *Bull. Mosc.*, xxv (i), 1852, p. 35 (? = *Dendrocellus id.*).
Hab. India, Tibet.

crassiuscula, Chaudoir, *l.c.*, xxxiv (i), 1861, p. 550.
Hab. N. India.

dimidiata, Putzeys, *Notes Leyden Mus.*, ii, 1880, p. 191 ; *Mid. Sumatra*, iv, 6, t. 2,
f. 2.
Hab. Sumatra.

zavipes, Wiedemann, *Zool. Mag.*, ii (i), 1823, p. 60 : Dejean, *Spec.*, ii, p. 442 : Lap-
de Casteln., *Hist. Nat. An. Art. Ins.*, i, p. 34.
pallipes, Chaudoir, *Bull. Mosc.*, xxiii (i), 1850, p. 33 ; *id.*, (i), 1860, p. 548.
Hab. N. India, Simla.

formosana, Bates, *Trans. Ent. S. Lond.*, 1873, p. 333 : Chaudoir, *Bull. Mosc.*, lii (2),
1877, p. 257.
Hab. Formosa.

lineola, Dejean, *Spec.*, i, 1825, p. 184 : MacLeay, *Annul. Javan.*, p. 27 : Lap. de
Casteln., *Hist. Nat. An. Art. Ins.*, i, p. 33 : Chaudoir, *Bull. Mosc.*, lii (2),
1877, p. 262.

var. *philippinensis*, Chaudoir, *Bull. Mosc.*, lii (2), 1877, p. 262.
Hab. India, China, Hongkong, Philippines [*Ind. Mus.*, Madras].

lugens, Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 23.
Hab. Burma.

mandibularis, Lap. de Casteln., *Et. Ent.*, 1834, p. 43.
Hab. India, Borneo.

Mouhotii, Chaudoir, *Rev. Mag. Zool.*, (2s.), xxiii, 1872, p. 102.
Hab. Laos.

obscura, Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 23.
Hab. Burma.

tristis, Schmidt Goebel, *l.c.*, p. 23.
Hab. Burma.

virgata, Chaudoir, *Bull. Mosc.*, xxiii (i), 1850, p. 34.
Hab. India.

Genus **DENDROCELLUS.**

Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 24 : Lacord., *Gen. Col.*, i, p. 80 :
Chaudoir, *Bull. Mosc.*, xxxiv (i), 1861, p. 545 : *Mun. Cat.*, p. 91.

Desora (Leach), *Hope, Col. Man.* ii, p. 96, 105.

- senipes* (*Drypta*), Wiedemann, Zool. Mag., ii (i), 1823, p. 60.
Hab. India.
- discolor*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 24.
Hab. Burma, Martaban [*Ind. Mus.*, Dhansiri Valley, Assam].
- geniculatus*, Klug, Jahrb. Insec., i, 1834, p. 52 : Schmidt Goebel, *l.c.*, *supra*, p. 25.
Hab. India, Assam, Burma, Malacca, Java, Japan.
- longicollis* (*Drypta*), Dejean, Spec., i, 1825, p. 185.
Hab. India.
- nepalensis* (*Desora*), Hope, Gray's Zool. Misc., 1831, p. 21.
flavipes, Schmidt Goebel, Faun. Col. Birm., 1846, p. 24 : *nec* Wied.
nec Dejean. Calcutta.
rugicollis, Chaudoir, Bull. Mosc., xxxiv (i), 1861, p. 546.
Hab. Nepal, Calcutta, Burma.
- parallelus*, Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 101.
Hab. Sumatra.
- unidentatus* (*Drypta*), MacLeay, Annul. Javan., i, 1825, p. 23.
coolestinus, Klug, Jahrb. Insect., i, 1834, p. 54.
Hab. Java.

Genus GALERITA.

- Fabr., Syst. Eleuth., i, 1801, p. 214 : Brullé, Hist. Nat. Ins. Col., i, p. 166 : Schmidt Goebel, Faun. Col. Birm., p. 62 : Lacord., Gen. Col., i, p. 82 : Mun. Cat., p. 92, Leconte, Bull. Brookl. Ent. S., 1879, ii, p. 61 : Bates, Biol. Centr. Amer. Col., i (i), p. 164.
- attelaboides* (*Carabus*), Fabr., Spec. Ins., i, 1781, p. 305 ; Mant. Ins., i, p. 198 ; Ent. Syst., i, p. 132 ; Syst. Eleuth., i, p. 214 : Oliv., Ent., iii, 35, p. 60, t. 6, f. 70 : Chaudoir, Bull. Mosc., xxiv (i), 1861, p. 560.
? *leptodera*, Chaudoir, Bull. Mosc., xxxiv (i), 1861, p. 559.
Hab. India, (not S. America).
- indica*, Chaudoir, Bull. Mosc., xxxiv (2), 1861, p. 567.
Hab. N. India.
- nigripennis*, Chaudoir, *l.c.* p. 557.
Hab. Dekhan.
- orientalis*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 26 : Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 109.
Hab. Burma, Bhamo.
- peregrina*, Dohrn, Stettin. Ent. Zeit., xli, 1880, p. 291.
Hab. Hongkong.
- rufoceps*, Chaudoir, Bull. Mosc., xxxiv (i), 1861, p. 556 : Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 109.
Hab. N. India ; Burma, Bhamo.

Genus **ZUPHIUM.**

- Latreille, Gen. Crust. & Ins., i, 1806, p. 198 : Lap. de Casteln., *Monograph*, Silb. Rev. i, p. 251 : Lacord., Gen. Col., i, p. 85 : Brullé, Hist. Nat. Ins. Col., i, p. 174 : Mun. Cat., p. 98 : Chaudoir, Bull. Mosc., xxxv (4), 1862, p. 310 : Leconte, Bull. Brookl. Ent. Soc., 1879, p. 61 : Bates, Biol. Centr. Amer. Col., i (i), p. 166.
Zophium, Schmidt Goebel, Faun. Col. Birm., 1846, p. 27.
- maculatum*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 28 : Chaudoir, Rev. Mag. Zool., 1872, p. 105.
vittigerum, Schmidt Goebel, Faun. Col. Birm., 1846, p. 28.
 Hab. Burma, Martaban [*Ind. Mus.*, China].
- erythrocephalum*, Chaudoir, Bull. Mosc., xxxv (2), 1862, p. 311.
 Hab. India, Malabar.
- inconspicuum*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 30.
 Hab. Burma.
- modestum*, Schmidt, Goebel, *l. c.*, p. 29.
 Hab. N. India, Burma.
- clans* (*Carabus*), Fabr., Ent. Syst., i, 1792, p. 139 ; *id.* (*Galerita*), Syst. Eleuth., i, p. 215 : Olivier, Ent., iii, 35, p. 94, t. 13, f. 156 : (*Zuphium*) Dejean, Spec., i, p. 192 ; *id.*, Ic. Col. Eur. i, t. 10., f. 3 : Brullé, Hist. Nat. Ins. Col., i, p. 175, t. 6, f. 1 : Lap. de Casteln., *Mon.*, p. 253 : Schmidt Goebel, Faun. Col. Birm., p. 28 ; Duval, Gen. Carab., t. 21, f. 105 : Chaudoir, Bull. Mosc., xxxv (4), 1862, p. 311.
longiusculum, Chaudoir, Bull. Mosc., xv (4), 1842, p. 804 : *id.*, xxxv (4), 1862, p. 312.
rufifrons, Chaudoir, *l. c.*, (4), 1862, p. 311.
 Hab. S. Europe, N. Africa, Asia Minor, Maulmain, Siam.
- piceum*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 29.
 Hab. Burma.
- pubescens*, Nietner, Ann. Mag. N. H., (3a.) ii, 1858, p. 182.
 Hab. Ceylon.
- siamense*, Chaudoir, Rev. Mag. Zool., (2 s), xxiii, 1872, p. 104.
 Hab. Siam.

Genus **AGASTUS.**

- Schmidt Goebel, Faun. Col. Birm., 1846, p. 30 : Lacord., Gen. Col., i, p. 87 : Mun. Cat., p. 95.
lineatus, Schmidt Goebel, *l. c.*, p. 91.
 Hab. Burma.
- ustulatus*, B. Gestro, Ann. Mus. Civ. Gen., vii, 1875, p. 876.
 Hab. Singapur.
- MORMOLYCINI**, Horn, Gen. Carab., p. 149.

Genus **MORMOLYCE.**

- Hagenbach, Nov. Gen. Col., 1825 : Brullé, Hist. Nat. Ins. Col., i, p. 310 : Lacord., Gen. Col. i, p. 144 : Mun. Cat., p. 152 : Gestro, Ann. Mus. Civ. Gen., vii, 1875, p. 886.

- Castelnandii**, Deyrolle, Ann. Soc. Ent. Fr., (2s.) iv, 1862, p. 314, t. 11, f. 3.
Hab. Malacca.
- Hagenbachii**, Westwood, Ann. Mag. N. H., (3s.) ix, 1862, p. 96 : Deyrolle, *l. c. supra*, p. 313, t. 11, f. 2.
biattooides, Thomson, Mon. Mormolyce, 1862, p. 8.
Hab. Sumatra.
- phylloides**, Hagenbach, Nov. Gen. Col., 1825, fig. a-b. : Gray, Griffith's Anim. Kingd., Ins. i, 1832, t. 26, f. 7 : Brullé, Hist. Nat. Ins., Col. i, p. 313, t. 11, f. 2 : Lap. de Casteln., Hist. Nat. Ins., i, p. 119, t. 7, f. 3 : Deyrolle, *l. c. supra*, t. 11, f. 1 : Verhuel., Ann. Soc. Ent. Fr., 1847, p. 344, t. 7, f. 1-6 : Overdijk, Mém. Ent. S. Pays-Bas, i, 1857, p. 41.
var. *borneensis*, Gestro, Ann. Mus. Civ. Gen., vii, 1875, p. 886, fig.
Hab. Java, Borneo, ? New Guinea [*Ind Mus.*, Singapur].
- LEBIINI**:—Horn, Trans. Amer. Ent. Soc., x, 1882, p. 126 : Gen. Carab., p. 155 : Leconte & Horn, Class. Col., p. 42.
- Lebtides**, pt, Lacordaire, Gen. Col., i, p. 102.
- Pericalides**, Lacordaire, *l. c.*, p. 137.
- Includes *Tetragonoderini*, Chaudoir, Bull. Mosc., li (3), 1876, p. 28.

Genus **CYCLOSOMUS.**

- Latreille, Règne Anim., ii, 1829, p. 394 : Dejean, Spec., iv, p. 23 : Lacord. Gen. Col., i, p. 258 : Mun. Cat., p. 248 : Chaudoir, Bull. Mosc., li (3), 1876, p. 29.
- dytiscoides** (*dytiscoides*), Nietner, Jl. As. Soc. Beng., xxvi, 1857, p. 132 : Ann. Mag. N. H., (2s.) xx, 1857, p. 272 : Chaudoir, Bull. Mosc., li (3), 1876, p. 31.
Hab. Ceylon, Colombo.
- flexuosus**, Fabricius, Syst. Ent., 1775, p. 246 ; Spec. Ins., i, p. 311 ; Mant. Ins., i, p. 203 ; Ent. Syst., i, p. 180 ; (*Scolytus*) Syst. Eleuth., i, p. 247 : Lap. de Casteln., Hist. Nat. Ins., i, p. 96 : Lacord. Gen. Col. : Atlas, t. 10, f. 4 a-b. : Gray, Griffith, An. Kingd., Ins. i, 1832, t. 8, f. 12 : Brullé, Hist. Nat. Ins. Col., ii, p. 140 : Chaudoir, Bull. Mosc., li (3), 1876, p. 32.
suturalis (*Scolytus*), Wiedemann, Zool. Mag., i (3), 1819, p. 169.
Hab. Bengal, Hongkong.
- marginatus** Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 200 : Chaudoir, *ib.*, li (3), 1876, p. 32.
Hab. India.

Genus **TETRAGONODERUS.**

- Dejean, Spec., iv, 1829, p. 485 : Schmidt Goebel, Faun. Col. Birm., p. 92 : Lacord., Gen. Col., i, p. 132 : Mun. Cat., p. 144 : Chaudoir, *Monograph*, Bull. Mosc., li (3), 1876, p. 33 : Syn. Amer. Sp., Horn, Trans. Amer. Ent. S., iv, 1872, p. 136 : Bates, Biol. Centr. Amer., Col., i (i), p. 171.
Carabus, Fabr. et vet. auct. : *Bembidium*, Wied., Germar : *Dromius*, Reiche, Putzeys, Dejean.
Peronoscelis, Chaudoir, *Mon.*, p. 56.
- arcuatus**, Dejean, Spec., iv, 1829, p. 495 : Chaudoir, *Mon.*, p. 38.
Hab. India, Egypt, Senaar.

cursor, Bates, Ann. Mag. N. H., (5a.) xvii, 1886, p. 201.

Hab. Ceylon, Kandy.

dilatatus (*Bombidium*), Wiedemann, Zool. Mag., ii (i), 1823, p. 61 ; Chaudoir, *Mon.*, p. 41.

Hab. India, Bengal.

discopunctatus, Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 456 ; *id.*, *Mon.*, p. 48.

Hab. N. India, Simla.

embriatus, Bates, Ann. Mag. N. H., (5 a.) xvii, 1886, p. 202.

Hab. Ceylon, Kandy.

notaphioides, Motsch., Bull. Mosc., xxxiv (i), 1861, p. 99 : Bates, *l. c. supra*, p. 201 : Chaud., *Mon.* p. 54.

Hab. Ceylon, Colombo, Dikoya.

panotatus (*Bombidium*), Wiedemann, Zool. Mag., ii (i), 1823, p. 61 : Dejean, Spec. iv, p. 505 : Schmidt Goebel, Faun. Col. Birm., p. 92 : Chaud., *Mon.* p. 48.

Hab. India, Bengal, Dekhan.

quadrinotatus (*Carabus*), Fabr., Ent. Syst. Suppl., 1798, p. 55 ; *id.*, Syst. Eleuth. i, p. 186 ; Dejean, Spec., iv, p. 491 : Lap. de Casteln., Hist. Nat. Ins., i, p. 89 : Chaud., *Mon.*, p. 41.

Hab. India, Ceylon [*Ind. Mus.*].

quadrisignatus, Quensel, Schönherr, Syn. Ins., i, 1806, p. 212 note : Dejean, Spec. iv, p. 491 : Chaud., *Mon.*, p. 41.

Hab. India, Hongkong [*Ind. Mus.*, Madras].

rhomphorus, Schmidt Goebel, Faun. Col. Birm., 1846, p. 93 : Chaud., *Mon.*, p. 48.

Hab. Burma, Martaban.

trifasciatus, Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 455 ; *id.*, *Mon.*, p. 48.

Hab. N. India.

Genus **MNUPHORUS.**

Chaudoir, Berlin. Ent. Zeits., 1873, p. 55 ; *id.*, Bull. Mosc., li (3), 1876, p. 69.

discophorus, Chaudoir, *l. c.*, p. 69.

Hab. N. India, Simla.

Genus **TILIUS.**

Chaudoir, Bull. Mosc., li (3), 1876, p. 71.

Lionyolus, Chaudoir, *olim* (*neo* Wissmann).

holosericeus, Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 68 ; *id.*, li (3), 1876, p. 72.

Hab. N. Bengal.

Genus **DICTYA.**

Chaudoir, Bull. Mosc., xliiii, (2), 1870, p. 116, 123.

cribricollis, Morawitz, Bull. Ac. Petr., v. 1863, p. 245 : Chaudoir, *l. c. supra*, p. 124.

Hab. E. Siberia, N. China, Canton (*Pests.ys.*).

Genus **NEMATOPEZA.**

Chaudoir, Bull. Mosc., xliii (2), 1870, p. 146.

Bacanti, Chaudoir, *l. c. supra*, p. 150.

Hab. N. India.

basalis (*Lebia*), Chaudoir, *l. c.*, xxv (i), 1852, p. 43 ; *id.*, *ib.*, xliii (2), 1870, p. 149.

Hab. N. India.

decora, Chaudoir, *l. c.*, xliii (2), 1870, p. 150.

Hab. N. India.

Genus **LEBIA.**

Latreille, Hist. Nat. Ins., viii, 1804, p. 247 : Lacord., Gen. Col., i, p. 127 : Mun.

Cat., p. 136 : Motsch., Bull. Mosc., xxxvii (3), 1864, p. 226, *tab. syn.* :

Chaudoir, *l. c.*, xliii (2), 1870, p. 111, 162 : Bates, Biol. Centr. Amer., Col., i (i), p. 222.

Echimuthus, Leach, Endinb. Encycl., 1818.

Homalops, Motschulsky, Käfer Russl, 1845, p. 42.

Lamprias, Bonelli, Obs. Ent., 1809, *tab. syn.*

Lebida, Motschulsky, Et. Ent., 1862, p. 51 ; *id.*, Bull. Mosc., xxxvii (3), 1864, p. 225.

Lebistina, Motschulsky, Bull. Mosc., *l. c.*, p. 227 : Chaud., *l. c.*, lii (2), 1877, p. 218.

Lionedya, Chaudoir, Bull. Mosc., xliii (2), 1870, p. 126.

Omalomorpha, Motschulsky, Ins. Sib., 1842, p. 42.

Boysii, Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 70 ; xliii (2) 1870, p. 223.

Hab. N. India, Simla.

calycophora, Schmidt Goebel, Faun. Col. Birm., 1846, p. 44.

Hab. Burma.

chinensis, Bohem., Freg. Eug. Resa, Col., 1856, p. 6 : Chaud., Bull. Mosc., xliii (2), 1870, p. 163.

Hab. Hongkong [*Ind. Mus.*, China.].

circumdاتا, Schmidt Goebel, Faun. Col., Birm., 1846, p. 44 : Chaud., Bull. Mosc., xliii (2), 1870, p. 224.

Hab. Burma.

elevata (*Carabus*), Fabr., Ent. Syst., i, 1792, p. 162 ; Syst. Eleuth., i, p. 204 : Chaudoir, Bull. Mosc., xxvii (i) 1854, p. 133 : Schmidt Goebel, Faun. Col., Birm., p. 43.

massiliensis, Fairmaire, Ann. Soc. Ent. Fr. 1849, p. 419 : Brullé, Sibb. Rev., ii, p. 108

unifasciata, Dejean, Spec., v, 1831, p. 389.

Hab. S. Europe, Burma.

exsanguis, Bates, Ann. Mag. N. H., (6s.) xvii, 1836, p. 209.

Hab. Ceylon, Dikoya.

fuscula, Chaudoir, Bull. Mosc., xliii (2), 1870, p. 221.

Hab. India, Simla.

grossaria, Chaudoir, *l.c.*, p. 222.

Hab. N. India.

infusata, Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 227.

Hab. India.

sellata, Schmidt Goebel, Faun. Col. Birm., 1846, p. 45.

Hab. Burma.

tau, Schmidt Goebel, *l.c.*, p. 45.

Hab. Burma.

Genus **STEPHANA.**

Chaudoir, Bull. Mosc., xlv (i), 1871, p. 55.

princeps (*Lobia*), Chaudoir, *l.c.*, xxv (i), 1852, p. 41 ; *id.*, xlv (i), 1871, p. 56.

Hab. N. India.

Genus **PHYSODERA.**

Echscholtz, Zool. Atlas, ii, 1829, p. 8 : Schmidt Goebel, Faun. Col. Birm., p. 46 ;
Lacord., Gen. Col., i, p. 130 ; Mun. Cat., p. 143.

Davidis, Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 92.

Hab. China, Fuhkien.

Dejeani, Echscholtz, Zool. Atlas, ii, 1829, p. 8, t. 8, f. 6 : Gray, Griffith's Anim.
Kind. Ins., i, t. 19 f. 4 : Lacord., Gen. Col., i, p. 130, Atlas, t. 4, f. 3 :
Schmidt Goebel, Faun. Col. Birm., p. 46.

Hab. Burma ; Philippines, Manilla [*Ind. Mus.*, Andamans].

Echscholtzii, Parry, Trans. Ent. S. Lond., v, 1849, p. 179, t. 18, f. 2.

Hab. Ceylon, Peradeniya (*Bates.*).

Genus **EUPLYNES.**

Schmidt Goebel, Faun. Col. Birm., 1846, p. 52 : Lacord., Gen. Col., i, p. 131 :
Mun. Cat., p. 380 : Bates, Trans. Ent. S. Lond., 1883, p. 264 ; *id.*, Biol. Centr.
Amer. Col., i (i), p. 158.

bispinus, Motschulsky, Et. Ent., 1859, p. 33.

Hab. Java.

cyanipennis, Schmidt Goebel, Faun. Col. Birm., 1846, p. 52 : Bates, Ann. Mag.
N. H., (5s.) xvii, p. 147.

Schmidtii, Chaudoir, Ann. Soc. Ent. Fr., (3s.) vii, 1859 p. 360.

Hab. India, Burma.

Dohrni, Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 429 : Bates, l. c., (5s.) xvii, 1886,
p. 147.

Hab. Ceylon.

Genus **ALLOCOTA.**

Motschulsky, Et. Ent., 1859, p. 29 : Mun. Cat., p. 146 : Chaudoir, Bull. Mosc., lii
(2), 1877, p. 203,

viridipennis, Motsch., Et. Ent., 1859, p. 29, f. 3 : Chaudoir, *l.c. supra*, p. 205.

Hab. Singapur, Malacca, Java.

Genus **PARENA.**

Motschulsky, Et. Ent., 1869, p. 31 : Mun. Cat., p. 146 : Chaudoir, Bull. Mosc., lii (2), 1877, p. 207.

bicolor, Motschulsky, Et. Ent., 1869, p. 32.
Hab. Java.

Genus **LACHNODERMA.**

W. MacLeay, Trans. Ent. S. N. S. Wales, ii, 1873, p. 321 : Chaudoir, Bull. Mosc., lii (2), 1877, p. 212 : B. Gestro, Ann. Mus. Civ. Gen., vii, 1875, p. 858.

hirsutus (*Singilis*), Bates, Trans. Ent. S. Lond., 1873, p. 333 ; *ib.*, 1883, p. 286.
Hab. Hongkong.

Genus **SCALIDION.**

Schmidt Goebel, Faun. Col. Birm., 1846, p. 63 : Lacord., Gen. Col., i, p. 135 : Mun. Cat., p. 147.

nitare, Schmidt Goebel, *l. c. supra*, p. 64.
Hab. Burma.

Genus **COPTODERA.**

Dejean, Spec., i, 1825, p. 273 : Lacord., Gen. Col., i, p. 140 : Mun. Cat., p. 149 : *Mémoire*, Chaudoir, Ann. Soc. Ent. Belg., xii, 1868, p. 163.

Agonocheila, Chaudoir, Bull. Mosc., xxi, 1848, p. 119.

B-longnatha, Chaudoir, *l. c.*, xvi (3), 1843, p. 333 : Lacord., Gen. Col., i, p. 142.

Rhinocheila, Montrouzier, Ann. Soc. Linn. Lyon, 1864, p. 57 : Mun. Cat., p. 141.

bicincta, Hope, Trans. Ent. S. Lond., iv, 1845, p. 14 : Chaudoir, *Mém.*, p. 187.
Hab. Canton, Hongkong.

disocoguttata, Chaudoir, *Mém.*, 1868, p. 195.
Hab. Borneo, Celebes.

elegantula, Schmidt Goebel, Faun. Col. Birm., 1846, p. 54 : Bates, Ann. Mus. Civ. Gen., (2a.) vii, 1889, p. 111.
Hab. Burma, Bhamo, Teintso, Tenasserim.

fexuosa, Schmidt Goebel, *l. c.*, p. 55 : Chaudoir, *Mém.*, p. 196.
Hab. Burma, Singapur, Borneo.

interrupta, Schmidt Goebel, *l. c.*, p. 53 : Chaudoir, *Mém.*, p. 194.
Hab. Burma, Siam, Borneo, Ceylon, Colombo (Bates).

ocellata, Chaudoir, *Mém.*, p. 188.
Hab. N. India.

transversa, Schmidt Goebel, Faun. Col. Birm., 1846, p. 54 : Chaudoir, *Mém.*, p. 165.
Hab. Burma.

tetrastigma, Chaudoir, *Mém.*, p. 174.

Hab. Borneo, Sarawak.

pligera, Chaudoir, Col. Novit., 1883, p. 20.

Hab. Tibet, Moupin.

Genus **LIOPTERA.**

Chaudoir, Ann. Soc. Ent. Belg., xii, 1868, p. 208.

Plato, Bates, Trans. Ent. S. Lond., 1883, p. 281, note.

Hab. N. Borneo.

quadriguttata, Chaudoir, Ann. Soc. Ent. Belg., xii, 1868, p. 208.

Hab. Philippines.

Genus **MOCHTHERUS.**

Schmidt Goebel, Faun. Col. Birm., 1846, p. 76 : Lacord., Gen. Col., i, p. 137 : Mun. Cat., p. 147 : Chaudoir, *Mémoire*, Ann. Soc. Ent. Belg., xii, 1868, p. 240.

Dromius, pt. MacLeay.

Thyreopterus, pt. Dejean, Spec., v, 1831, p. 445.

Cyrtopterus, pt. Motsch., Bull. Mosc., xxxiv (i), 1861, p. 106.

immaculatus, Redtenb., Reise Novara, Zool., ii, Col., 1867, p. 7 : Chaudoir, *Mém.*, p. 243.

Hab. Malacca, Java.

tetraspilotus (*Dromius*), MacLeay, Annul. Javan., 1825, p. 25 : Schaum, Berlin Ent. Zeits., 1860, p. 187 : Chaudoir, *Mém.*, p. 241.

angulatus (*Mochtherus*), Schmidt Goebel, Faun. Col. Birm., 1846, p. 76.

quadrinotatus (*Cyrtopterus*), Motsch., Bull. Mosc., xxxiv (i), 1861, p. 106 :

Gerst., Wiegmann Archiv. Naturg., 1863, p. 75.

retroctus (*Panagaenus*), Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 203.

tetrasemus (*Thyreopterus*), Dejean, Spec., v, 1831, p. 448.

Hab. India, Malabar, Burma, Java, Borneo, Ceylon, Colombo, Galle (*Bates*), [*Ind. Mus.*, Andaman Islands].

Genus **DOLICHOCTIS.**

Schmidt Goebel, Faun. Col. Birm., 1846, p. 62 : Lacord., Gen. Col., i, p. 136 : Mun..

Cat., p. 147 : Chaudoir, *Mémoire*, Ann. Soc. Ent. Belg., xii, 1868, p. 245.

Cyrtopterus, pt. Motsch., Bull. Mosc., xxxiv (i), 1861, p. 106.

Coptodera, pt. Dejean.

angulicollis, Chaudoir, *Mém.*, p. 250.

Hab. Burma, Bangoon.

lucicola, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 205.

Hab. Ceylon, Balangoda.

silvipes, Dejean, Spec. v, 1831, p. 396 : Chaud., *Mém.*, p. 248.

Hab. Philippines, Manilla.

- gonioderus*, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 204.
Hab. Ceylon, Kitulgalle.
- marginifer* (*Dromius*), Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 202; id, Bates, *l.c. supra*, p. 210.
- parvicollis*, Chaudoir, *Mém.*, p. 249.
Hab. Borneo.
- quadriplagiata*, Motsch., Bull. Mosc., xxxiv (i), 1861, p. 106, t. 9, f. 4: Chaudoir *Mém.* p. 245.
marginicollis (*Colpodes*), Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 61.
Hab. Ceylon, Anarajapura.
- rotundatus*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 77: Chaud., *Mém.* p. 241, 246: Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1882, p. 111.
Hab. Burma, Bhamo, Teintso, Shwegu.
- striata*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 62: Chaudoir, *Mém.* p. 246.
Hab. Burma, Isl. Aru, ? Celebes.
- tenuilimbata*, Oberthür, Notes Leyden Mus., v, 1863, p. 219.
Hab. Sumatra, Serdang.
- tetracolon*, Chaudoir, *Mém.*, p. 248.
Hab. Borneo, Sarawak [*Ind. Mus.*, Sikkim].
- vitticollis*, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 204.
Hab. Ceylon, Dikoya.

Genus **BRACHYCTIS.**

- Chaudoir, Ann. Soc. Ent. Belg., xii, 1868, p. 252.
- rugulosa*, Chaudoir, *l.c.*, p. 252.
Hab. Borneo, Sarawak.

Genus **PELIOCYPAS.**

- Schmidt Goebel, Faun. Col. Birm., 1846, p. 33: Lacord., Gen. Col., i, p. 116: Mun. Cat. p. 127.
- hamatus*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 35.
Hab. Burma.
- luridus*, Schmidt Goebel, *l.c.*, p. 35.
Hab. Burma.
- signifer*, Schmidt Goebel, *l.c.*, p. 35: Bates, Ann. Mag. N. H. (5s.) xvii, p. 209.
Hab. Burma.
- suturalis*, Schmidt Goebel, *l.c.*, p. 34.
Hab. Burma.
- uniformis*, Fairmaire, Ann. Soc. Ent. Fr., (6 s.) viii, 1888., p. 334.
Hab. Tonkin.

Genus **DROMIUS.**

Bonelli, Obs. Ent., i, 1809, tabl. syn : Lacord., Gen. Col., i, p. 119 : Mun. Cat., p. 138 : Schaum, Ins. Deutschl., i (i), p. 263.

Crossonychus, Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 97.

Lobius, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 230.

Microlestes, Schmidt Goebel, Faun. Col. Birm., 1846, p. 41.

Philorhizus, Hope, Col. Man., 1838, p. 66.

exilis (*Microlestes*), Schmidt Goebel, Faun. Col. Birm., 1846, p. 42.

Hab. Burma.

inconspicuous (*Microlestes*), Schmidt Goebel, *l.c.*, p. 41.

Hab. India.

orthogonioides, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 205.

Hab. Ceylon, Dikoya.

steno, Bates, *l.c.*, p. 206.

Hab. Ceylon, Nuwara Eliya.

Genus **BLECHRUS.**

Motschulsky, Bull. Mosc., xx (3), 1847, p. 219 ; xxi (2), 1848, p. 543 ; Et. Ent., 1858, f. 2, 3 : Mun. Cat., p. 131.

xanthopus, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 206.

Hab. Ceylon, Colombo.

Genus **METABLETUS.**

Schmidt Goebel, Faun. Col. Birm., 1846, p. 38 : Chaudoir, Bull. Mosc., xxi (i), 1848, p. 94 : Lacord., Gen. Col., i, p. 122 : Mun. Cat., p. 132.

Bomius, pt., Leconte, Ann. Lyc. Nat. Hist. New York., v, 1852, p. 177 :

Lacord., Gen. Col., i, p. 120.

Charopterus, Motsch., Et. Ent., 1858, p. 155.

Dromocorya, Schmidt Goebel, Faun. Col. Birm., 1846, p. 40.

angularis (*Dromocorya*), Schmidt Goebel, *l.c.*, p. 41.

Hab. Burma.

dorsalis (*Dromocorya*), Schmidt Goebel, *l.c.*, p. 40.

Hab. Burma.

quadrinotatus, Schmidt Goebel, *l.c.*, p. 39 : Bates, Trans. Ent. S. Lond., 1883, p. 284.

Hab. Bengal, Japan.

* *tartareus*, Bates, Proc. Zool. S. Lond., 1878, p. 719.

Hab. Between Yangi Hissar and Sirikol [*Ind. Mus.*, type].

Genus **APRISTUS.**

Chaudoir, Enum. Carab. Caucas., 1846, p. 62 : *id.*, Bull. Mosc., xxiii (i), 1850, p. 65 : Lacord. Gen. Col., i, p. 123 : Mun. Cat., p. 134.

senepennis (*Lionychus*), Schmidt Goebel, Faun. Col. Birm., 1846, p. 37 : Fairm. Ann. Soc. Ent. Fr., (6s.) viii, 1888, p. 335.

Hab. Burma, Tonkin.

aeneomicans, Chaudoir, Bull. Mosc. xxiii (i), 1850, p. 66.

Hab. N. India, Simla:

subtransparentis, Motsch., Bull. Mosc. xxxiv (i), 1861, p. 104: Bates, Ann. Mag. N.H., (5s.) xvii, 1886, p. 206.

Hab. Ceylon, Nuwara Eliya, Hadley, Dikoya (Bates).

Genus **APRISTOMORPHUS.**

Motschulsky, Bull. Mosc. xxxiv (i), 1861, p. 104.

sexpunctatus, Motschulsky, *l.c.*, p. 105, t. 9, f. 2.

Hab. Ceylon, Nuwara Eliya.

Genus **LIONYCHUS.**

Wissmann, Stettin Ent. Zeit., vii, 1846, p. 25; Lacord., Gen. Col., i, p. 122: Mun.

Cat., p. 133: Schmidt Goebel, Faun. Col. Birm., p. 36.

albivittis, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 207.

Hab. Ceylon, Peradeniya.

marginellus, Schmidt Goebel, Faun. Col. Birm., 1846, p. 37, t. 3, f. 3.

Hab. Burma.

Genus **TETRAGONICA.**

Motschulsky, Et. Ent., 1859, p. 26; Mun. Cat., p. 136; Bates Ann. Mag. N. H., (5s.) xvii, 1886, p. 207.

catenata, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 208.

Hab. Ceylon, Bogawantalawa.

euproctoides, Bates, *l.c.*, p. 209.

Hab. Ceylon, Colombo.

fusca, Motschulsky, Et. Ent., 1859, p. 28, t. 1, f. 2.

Hab. Ceylon, Nuwara Eliya, Dikoya, Bogawantalawa (Bates).

intermedia, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 208.

Hab. Ceylon, Horton Plains.

mellea, Bates, *l.c.*, p. 208.

Hab. Ceylon, Colombo.

repandens, Walker, Ann. Mag. N. H., (3s.) iii, 1859, p. 51: Bates, *l.c. supra*, p. 210.

Hab. Ceylon.

Genus **BRACHICHILA.**

Chaudoir, *Mémoire*, Ann. Soc. Ent. Belg., 1868, p. 123.

hypocrita, Chaudoir, *Mém.*, *l.c.*, p. 123.

Hab. Hongkong.

Genus **TANTILLUS.**

Chaudoir, *Mémoire*, Ann. Soc. Ent. Belg., 1868, p. 126.

brunneus, Chaudoir, *Mém.*, *l.c.*, p. 126.

Hab. Ceylon, Dikoya (Bates).

vittatus, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 202.

Hab. Ceylon, Bogawantalawa.

Genus **SINURUS.**

Chaudoir, *Mémoire*, Ann. Soc. Ent. Belg., xii, 1868, p. 129.

opacus, Chaudoir, *Mémoire*, p. 130.

Hab. Borneo, Sarawak.

Genus **SERRIMARGO.**

Chaudoir, *Mémoire*, Ann. Soc. Ent. Belg., xii, 1868, p. 134.

Thyreopterus, pt. Schaum, Chaudoir *olim*.

suttiger, Schaum, Berlin. Ent. Zeits., iv, 1860, p. 189, t. 3. f. 5 : Chaudoir, *Mém.*, p. 135.

Hab. Borneo, Sarawak, Malacca.

verrucifer, Chaudoir, Rev. Mag. Zool. (2s.) xxi, 1869, p. 171 ; *Mém.*, p. 135.

Hab. Malacca.

Genus **PERIPRISTUS.**

Chaudoir, *Mémoire*, Ann. Soc. Ent. Belg., xii, 1868, p. 135.

ater (*Thyreopterus*), Lap. de Casteln., Et. Ent., 1834, p. 149 : Schmidt Goebel, Faun. Col. Birm., p. 79 : Chaudoir, *Mém.*, p. 136 : Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 110.

Hab. Burma, Malacca, Bhamo, Tenasserim.

Genus **THYREOPTERUS.**

Dejean, Spec., v, 1831, p. 445 : Lacord., Gen. Col., i, p. 143 : Schaum, Berlin. Ent. Zeits., iv, 1860, p. 186 : Mun. Cat., p. 151 : Chaudoir, *Mémoire*, Ann. Soc. Ent. Belg., xii, 1868, p. 141.

Thysanotus, Chaudoir, Bull. Mosc., xxi (i), 1848, p. 123.

impressus, Schmidt Goebel, Faun. Col. Birm., 1846, p. 80 : Chaudoir, *Mém.*, p. 142 : *gen. dub.*

Hab. Burma.

Genus **MISCELUS.**

Klug, Jahrb. Insect., 1834, p. 82 : Lap. de Casteln., Hist. Nat. An. Art. Ins., i, p. 311 : Lacordaire, Gen. Col., i, p. 146 : Chaudoir, Berlin. Ent. Zeits., iv, 1861, p. 125 : *id.*, Ann. Soc. Ent. Belg., xii, 1868, p. 152 : Mun. Cat., p. 154.

Leptodactyla, Brullé, Hist. Nat. Ins., iv, 1837, p. 130.

convexicollis, Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 724.

Hab. Borneo, Sarawak.

Javanus, Klug, Jahrb. Insect., 1834, p. 82, t. 1, f. 9 : Lap. de Casteln., Hist. Nat. An. Art. Ins., i, p. 32 : Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 723.

apicalis (*Leptodactyla*), Brullé, Hist. Nat. Ins., iv, 1837, p. 130, t. 4, f. 1.

Hab. Java, Borneo, Sarawak [*Ind. Mus.*, Andaman Islands].

paradoxus, Putzeys, Ann. Mus. Civ. Gen., vii, 1875, p. 724.

Hab. Philippines

rufiventris, Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 202.

ceylonicus, Chaudoir, Berlin Ent. Zeits., v, 1861, p. 125.

Hab. Ceylon, Colombo (*Bates*).

unicolor, Putzeys, Mém. Soc. Liège, ii, 1845, p. 375 ; *id.*, Ann. Mus. Civ. Gen., vii, 1875, p. 725.

Hab. Java.

Genus **HOLCODERUS.**

Chaudoir, Ann. Soc. Ent. Belg., xii, 1868, p. 158.

auripennis, Chaudoir, Bull. Mosc., lii (2), 1877, p. 198.

Hab. Penang.

limbipennis, Chaudoir, *l.c.*, p. 199.

Hab. Penang.

praemorsus, Chaudoir, Ann. Soc. Ent. Belg., xii, 1868, p. 153.

Hab. Ceylon, Dikoya, Bogawantalawa (*Bates*).

Genus **CATASCOPIUS.**

Kirby, Trans. Linn. S. Lond., xiv, 1825, p. 94 : Schmidt Goebel, Faun. Col. Birm.,

p. 80 : Lacord., Gen. Col., i, p. 145 : Mun. Cat., p. 152 : W. W. Saunders, Trans.

Ent. S. Lond., (3s.) i, 1863, p. 455 : Chaudoir, Bull. Mosc., xxi (i), 1848, p. 113 ;

id., Berlin Ent. Zeits., v, 1861, p. 116 ; *id.*, Ann. Soc. Ent. Belg., xii, p. 158.

Cyphosoma, Hope, Ann. Mag. N., H., ix, p. 426.

aeneipennis, Chaudoir, Berlin Ent. Zeits., v, 1861, p. 118.

Hab. Dekhan.

aeneus, Saunders, Trans. Ent. S. Lond., 1863, p. 467, t. 17, f. 2 a-b.

Hab. Borneo, Sarawak.

aequatus, Dejean, Spec., v, 1831, p. 452 : Lap. de Casteln., Hist. Nat. Ins., i, p. 54.

Hab. Philippines, Manilla.

andamanensis, Chaudoir, Bull. Mosc., lii (2), 1877, p. 200.

Hab. Andaman Islands.

angulatus, Chaudoir, Berlin Ent. Zeits., v, 1861, p. 117.

elegans, MacLeay, Annul. Javan., 1825, p. 15 (*neo Fabr.*).

facialis, Dejean, Spec., v, 1831, p. 452 (*neo Wied.*).

var. *illustris*, Mannerheim, Bull. Mosc., xxxiii (i), 1850, p. 89.

„ *ovygonus*, Chaudoir, Berlin Ent. Zeits., v, 1861, p. 117 ; Rev. Mag. Zool., (2s.)

xxxiii, 1872, p. 244 : Saund., Trans. Ent. S. Lond., 1863, p. 468.

Hab. Malacca, Java, Borneo, Amboina, Ternate, Macassar.

brachypterus, Chaudoir, Berlin Ent. Zeits., v, 1861, p. 119 ; Saund., Trans. Ent. S. Lond., 1863, p. 468.

Hab. Borneo, Sarawak, Singapur.

cingalensis, Bates, Ann. Mag. N. H., (5s.) xvii, 1866, p. 203.

Hab. Ceylon, Kandy, Balangoda.

cupreticollis, Waterhouse, Trans. Ent. S. Lond., 1877, p. 1.

Hab. Andaman Islands.

- cupripennis* (*Pericalus*), Thomson, Arch. Ent. i, 1857, p. 292 : Chaudoir, Berlin-Ent. Zeits., v, 1861, p. 122.
Hab Singapur, Borneo, Sarawak.
- cyanelinus*, Chaudoir, Bull. Mosc., xxi (i), 1848, p. 113.
Hab. Nepál.
- cyanipennis*, Chaudoir, *l.c.*, xxvii (i), 1854, p. 130.
Hab. N. India.
- elegans*, Fabr., Syst. Eleuth., i, 1801, p. 184 : Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 354 ; Berlin Ent. Zeits., v, 1861, p. 120 : Lap. de Casteln., Hist. Nat. Ins. Col., i, p. 54, t. 4, f. 2.
amoenus, Chaudoir, Berlin Ent. Zeits., v, 1861, p. 120 : Rev. Mag. Zool. (2s) xxiii, 1872, p. 247, 250 : Saund., Trans. Ent. S. Lond., 1863, p. 468.
- var. *australasiæ*, Hope, Ann. Mag. N. H., ix, 1842, p. 426.
,, *colobensis*, Thoms., Arch. Ent., i, 1857, p. 282.
? elegans, Schmidt Goebel, Faun. Col. Birm. p. 88, *nec* Weber.
? lateralis, Brullé, Hist. Nat. Ins., iv, 1837, p. 233.
nitidulus, Lap. de Casteln., Et. Ent., 1834, p. 60.
- var. *cyaneus*, Chaudoir, Rev. Mag. Zool., 1872, p. 247.
Hab. Java, Sumatra, Philippines, Ambina, Aru, Dorey, Batchian, Ceram, Celebes, Australia, Cape York, New Guinea.
- elevatus*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 84.
Hab, Burma, Martaban.
- excisus*, Motschulsky, Bull. Mosc., xxxvii (4), 1864, p. 303.
Hab. India.
- facialis*, Wiedemann, Zool. Mag., i (3), 1819, p. 165 : Dejean, Spec., i, p. 329 ; Ic., ii, p. 116, t. 7, f. 8 : Brullé, Hist. Nat. Ins. Col., i, p. 232 : Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 352 ; *id.*, Berlin Ent. Zeits., v, 1861, p. 116 : Saund., Trans. Ent. S. Lond., 1863, p. 468 : Bates, Ann. Mus. Civ. Gen., (2s.) viii, 1889, p. 12.
Hardwicki, Kirby, Trans. Linn. S. Lond., xvi, p. 98, t. 3, f. 1.
Hab. Bengal, Burma, Bhamo, Malacca, Ternate, Batchian, Ceram [*Ind. Mus.*, Sibságar, Assam].
- fuscoaenus*, Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 247, 249.
aenus, Motsch., Bull. Mosc., xxxvii (4), 1864, p. 303 (*nec* Saund.)
Hab. Penang, Malacca.
- Goebellii*, Gemm. & Har., Mun. Cat., 1868, p. 153 : Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 245.
facialis, Schmidt Goebel, Faun. Col. Birm., p. 81 (*nec* Wied) : Chaud., Bull. Mosc., xxiii (2), 1850, p. 352.
- ? var. basalis*, Chaudoir, Rev. Mag., *l.c.*, p. 245.
Hab. Burma, Malacca.
- franklii*, Oberthür, Notes Leyden Mus., v, 1883, p. 220.
Hab. Sumatra, Serdang ; Philippines, Mindanao.
- punctipennis*, Saunders, Trans. Ent. S. Lond., 1863, p. 464, t. 18, f. 4 *a-b*.
Hab. Singapur.

- reductus**, Walker, Ann. Mag. N. H., (2s.) ii, 1858, p. 203 : ? *neo* Chaudoir, Berlin Ent. Zeits., v, 1861, p. 117 ; Rev. Mag. Zool., (2s.) xxiii, 1872, p. 245 : Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 210.
Hab. India, Ceylon, Malacca.
- regalis**, Schmidt Goebel, Faun. Col. Birm., 1846, p. 84.
Hab. Burma.
- ? rufipes**, Gory, Ann. Soc. Ent. Fr., 1833, p. 204 : Chaud., Rev. Mag. Zool., (2s.) xxiii, 1872, p. 269.
Subquadratus, Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 302.
Hab? India (*neo* Senegal).
- Schaumii**, Saunders, Trans. Ent. S. Lond., 1863, p. 457, t. 17, f. 3 *a-b*.
Hab. Borneo, Sarawak.
- simplex**, Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 246.
Hab. Philippines, Mindanao.
- smaragdulus**, Dejean, Spec., i, 1825, p. 331 : Lap. de Casteln., Hist. Nat. Ins., i, p. 54 : Chaudoir, Berlin Ent. Zeits., v, 1861, p. 119.
? pauper, Schmidt Goebel, Faun. Col. Birm., 1846, p. 84.
Hab. Java, Burma [*Ind. Mus.*, Andaman Islands].
- splendidus**, Saunders, Trans. Ent. S. Lond., 1863, p. 459, t. 17, f. 1*a-b*.
costulatus, Chaudoir, Rev. Mag. Zool. 1863, p. 489 ; *id.*, 1872, p. 249.
Hab. Borneo, Sarawak.
- versicolor**, Saunders, *l. c. supra*, p. 463, t. 18, f. 1*a-b*.
Hab. Sumatra.
- violaceus**, Schmidt Goebel, Faun. Col. Birm., 1846, p. 82.
Hab. Burma, Maulmain.
- virens**, Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 245.
Hab. Celebes, ? India.
- Vollenhovanti**, Chaudoir, *l. c.*, p. 248.
Hab. Sumatra.
- Whithilli**, Hope, Col. Man., ii, 1838, p. 164, t. 3, f. 2.
Hab. India [*Ind. Mus.*, Sikkim, Assam, Calcutta, Burma].

Genus PERICALUS.

- MacLeay**, Annul. Javan., 1825, p. 15 : Schmidt Goebel, Faun. Col. Birm., p. 85 : Lacord., Gen. Col., i, p. 174 : Mun. Cat., p. 154 : Chaudoir, Bull. Mosc., xxi (i), 1848, p. 111 ; Berlin. Ent. Zeits., 1861, p. 123 ; *id.*, Ann. Soc. Ent. Belg., xii, 1868, p. 158 : Schaum, Berlin. Ent. Zeits., iv, 1860, p. 189 : Bates, Ent. Mon. Mag., vi, 1869, p. 69.
Ceoloprotopus, Chaudoir, Bull. Mosc., xv (i), 1842, p. 839.
Pericalus, Chaudoir, *aut.*
- cinclonoides**, MacLeay, Annul. Javan., 1825, p. 15, t. 1, f. 2 : Gray Griffith's Anim. Kingd., Ins., i, 1832, t. 15, f. 2 : Brullé, Hist. Nat. Ins., Col., i, p. 230 : Lap. de Casteln., Hist. Nat. Ins., i, p. 57.
Hab. Java.

- guttatus*, Chevrolat, Mag. Zool., 1832, cl, ix, t. 46 : Brullé, Hist. Nat. Ins., Col., i, p. 291 : Lap. de Casteln., Hist. Nat. Ins., i, p. 57.
Hab. Java.
- lactus*, Schaum, Berlin. Ent. Zeits., iv, 1860, p. 190.
Hab. Borneo.
- longicollis*, Chaudoir, Ann. Soc. Ent. Belg., xii, 1868, p. 159.
Hab. Malacca.
- ornatus*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 86.
Hab. Burma.
- quadrimaculatus* (*Catascopus*), MacLeay, Annul. Javan., 1825, p. 15 : Lap. de Casteln., Hist. Nat. Ins., i, p. 55, t. 4., f. 3 : (*Coeloproscopus*) Chaudoir, Bull. Mosc., xv (i), 1842, p. 839.
quadrisignatus, Lap. de Casteln., Ann. Soc. Ent. Fr., 1832, p. 392.
Hab. Java.
- tetrastigma*, Chaudoir, Berlin. Ent. Zeits., v, 1861, p. 123.
Hab. Singapur, Sarawak.
- undatus*, Chaudoir, Bull. Mosc., xxi (i), 1848, p. 111.
Hab. Philippines.
- xanthopus*, Schaum, Berlin. Ent. Zeits., iv, 1860, p. 191.
Hab. Borneo.

Genus CALLEIDA.

- Dejean, Spec., i, 1825, p. 220 : Lacord., Gen. Col., i, p. 105 : Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xv, 1872, p. 103 : Mun. Cat., p. 114 : Schmidt Goebel, Faun. Col. Birm., p. 32 ; Bates, Biol. Centr. Amer., Col i (i), p. 203.
Callida, Chaudoir, *l.c. supra*.
Trigonothops, W. MacLeay, Trans. Ent. S. N. S. W., i, 1864.
- chloroptera*, Dejean, Spec., v, 1831, p. 340 : Schmidt Goebel, Faun. Col. Birm., p. 33 : Chaud., *Mon.*, p. 112.
Hab. India, Java.
- cupreo-micans*, Oberthür, Notes Leyden Mus., v, 1883, p. 218.
Hab. E. Sumatra, Serdang.
- femoralis*, Chaudoir, *Mon.*, p. 112.
Hab. Dekhan.
- lativittis*, Chaudoir, *Mon.*, p. 113.
Hab. Dekhan.
- lepta*, Redtenb., Reise Novara, Zool. ii, Col., 1867, p. 6, t. 1, f. 2 : Chaudoir, *Mon.*, p. 112.
Hab. Hongkong, Japan.
- ? *onypterygoides*, Chaudoir, *Mon.*, p. 123.
Hab. ? Dekhan, ? Colombia.
- propinqua*, Flentiaux, Ann. Soc. Ent. Fr., (6s.) vii, 1887, p. 59.
Hab. Annam, Hué.

- splendidula* (*Carabus*), Fabr., Syst. Eleuth., i, 1801, p. 184: Dejean (*Calceida*), Spec. v, p. 341 : ? (*Lebia*) MacLeay, Annul. Javan., p. 26 : Schmidt Goebel, Faun. Col. Birm., p. 32 : Chaud., *Mon.*, p. 113.
rubricata (*Calceida*), Motsch., Bull. Mosc., xxxvii (2), 1864, p. 238.
 Hab. Bengal, Java, Hongkong, Shanghai.
- ? *terminata*, Waterhouse, Trans. Ent. S. Lond., 1876, p. 11.
 Hab. Borneo, Sarawak.

Genus PLOCHIONUS.

- Dejean, Spec., i, 1825, p. 250 : Hope, Col. Man., ii, t. 1, f. 6 : Schmidt Goebel, Faun. Col. Birm., p. 42 : Lacord., Gen. Col., i, p. 135 : Mun. Cat., p. 147 : Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xv, 1872, p. 168 : Bates, Biol. Centr. Amer., Col., i (i), p. 197.
- brunneus* (*Lebia*), Wiedemann, Zool. Mag., ii (i), 1823, p. 59 : *gen. dub.* ? *Lebia*.
 Hab. India, Bengal.
- fenestratus*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 42 : *gen. dub.*
 Hab. Burma.
- pallens* (*Carabus*), Fabricius, Syst. Ent., 1775, p. 244 : Chaudoir, *Mon.*, p. 76 : Bates, Biol. Centr. Amer., Col., i (i), p. 198.
Boisduvalii, Gory, Ann. Soc. Ent. Fr., 1833, p. 189.
Bonfilsii, Dejean, Spec., i, p. 251 : Hope, Col. Man., ii, t. 1, f. 6 : Brullé, Hist. Nat. Ins. Col., i, p. 224, t. 7, f. 6 : Lap. de Casteln., Hist. Nat. An. Art., i, p. 41.
 Hab. N. and S. America, Europe, Africa, Asia, Java, Formosa, Oceania.

Genus CROSSGLOSSA.

- Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xv, 1872, p. 177.
- lateincta*, Bates, Trans. Ent. S. Lond., 1873, p. 815.
 Hab. Hongkong, Japan.
- nigrolineata* (*Plochionus*), Chaudoir, Bull. Mosc., xxv (i), 1852, p. 44 ; *Mon.*, p. 180.
 Hab. Bengal.
- testacea*, Chaudoir, *Mon.*, p. 178.
 Hab. Dekhan.

Genus BOTHYNOPTERA.

- Schaum, Jl. Ent., ii (1863), 1866, p. 75 : Mun. Cat., p. 143 : Chaudoir, Ann. Soc. Ent. Belg., xv, 1872, p. 181.
- dorsigera*, Schaum, *l.c. supra*, p. 76, t. 4, f. 3 : Chaudoir, *l.c. supra*, p. 181.
 Hab. N. India.

Genus ENDYNOMENA.

- Chaudoir, Ann. Soc. Ent. Belg., xv, 1872, p. 186.
- ? *Pradierii*, Fairmaire, Rev. Mag. Zool., 1849, p. 34 : Chaudoir, *l.c. supra*, p. 186.
 Hab. Marquesas Islands, ? Pondicherry.

Genus **ANCHISTA.**

- Nietner, *Jl. As. Soc. Ben.*, xxvi 1856, p. 523 ; *id.*, *Ann. Mag. N. H.*, (2s.) xix, 1857, p. 374 : *Mun. Cat.*, p. 118 : Chaudoir, *Bull. Mosc.*, lii (2), 1877, p. 236.
Paraphaca, Bates, *Trans. Ent. S. Lond.*, 1873, p. 312.
- lineolata* (*Plochionus*), Dejean, *Spec.*, i, 1825, p. 252 : Bates, *Ann. Mus. Civ. Gen.*, (2s.) vii, 1889, p. 111.
disco-phora, (*Callida*), Chaudoir, *Bull. Mosc.*, xxv (i), 1852, p. 48.
signifera (*Paraphaca*), Bates, *Trans. Ent. S. Lond.*, 1873, p. 312.
 Hab. N. India, Andamans, Mariannes, Japan.
- curyodes*, Chaudoir, *Bull. Mosc.*, lii (2), 1877, p. 236.
 Hab. India.
- glabra*, Chaudoir, *l.c.*, p. 237.
 Hab. India, Pondicherry.
- modesta*, Nietner, *Journ. As. Soc. Ben.*, xxv, 1856, p. 523 : *Ann. Mag. N. H.*, (2s.) xix, 1857, p. 375 : Chaudoir, *l.c. supra*, p. 239.
 Hab. Ceylon, Colombo.
- picea*, Chaudoir, *Bull. Mosc.*, lii (2), 1877, p. 238.
 Hab. Dekhan.
- subpubescens*, Chaudoir, *l.c.*, p. 238.
 Hab. N. India.

Genus **CYMINDIS.**

- Latreille, *Gen. Crust.*, i, 1806, p. 190 : Lacord., *Gen. Col.*, i, p. 108 : *Mun. Cat.*, p. 118 : Schmidt Goebel, *Faun. Col. Birm.*, p. 31 : *Monograph*, Chaudoir, Berlin. *Ent. Zeits.*, xvii, 1873, p. 53.
Anomorus, Fischer, *Ent. Imp. Russ.*, i, 1821, p. 125.
Arrhostus, Motsch., *Bull. Mosc.*, xxxvii (3), 1864, p. 240, *tab.*
Borus, Motsch., *l.c.*, p. 240.
Cymindoidea, Lap. de Casteln., *Ann. Soc. Ent. Fr.*, i, 1832, p. 390 : Chaud., *Bull. Mosc.*, xxix (3), 1875, p. 9.
Malicus, Motsch. *l.c. supra*, p. 240.
Mastus, Motsch., *l.c. supra*, p. 240.
Menas, Motsch., *l.c.*, p. 240.
Philoteonus, Mannerheim, *Brachyél.*, ii, 1837, p. 42 : *Mun. Cat.*, p. 123.
Pammastus, Motsch., *l.c. supra*, p. 240, 299, *tab. syn.*
Tarsostinus, Motsch., *l.c.* p. 240.
Torus, Clairville, *Ent. Helv.*, i, 1806, p. 94 : Motsch., *l.c. supra*, p. 240, 302.
- **attenuata*, Jakowleff, *Hor. Soc. Ent. Ross.*, xxi, 1887, p. 150.
 Hab. Pámir, Gilgit.
- distigma* (*Cymindoidea*), Chaudoir, *Bull. Mosc.* xlix (3), 1875, p. 15.
 Hab. Bengal.
- clabrella*, Bates, *Proc. Zool. S. Lond.*, 1878, p. 719.
 Hab. India, Ladák [*Ind. Mus.*, type].

- indica*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 31 : Chaudoir, Bull. Mosc., xlix (3), 1875, p. 16.
Guérini, Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 49.
 Hab. Burma, N. India, Nilgiris.
- *Mannerheimi* Gebler, Bull. Ac. St. Petersb., i, 1842, p. 36 : Bull. Mosc., 1859, p. 317.
 Hab. Siberia [*Ind. Mus.*, Yarkand Mission, Bates].
- nigra*, (*Cymindoidea*), Chaudoir, Bull. Mosc., xlix (3), 1875, p. 19.
 Hab. Coromandel.
- quadrimaculata*, Redtenbacher, Hügel Kaschm., iv (2), 1844, p. 499, t. 23, f. 3.
 Hab. India.
- † *stigmula* (*Cymindis*), Chaudoir, Bull. Mosc., xxv (i), 1852, p. 57 : *ib.*, xlix (3), 1875, p. 61.
 Hab. N. India, Simla.

Genus **TARIDIUS.**

- Chaudoir, Bull. Mosc., xlix (3), 1875, p. 7.
opaculus, Chaudoir, *l.c.*, p. 8.
 Hab. N. India.

Genus **PLATYTARUS.**

- Fairmaire, Bull. Soc. Ent. Fr., (2s.) viii, 1850, p. xvii : Mun. Cat., p. 123.
Boysii (*Cymindis*), Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 50.
 Hab. N. India, Simla.

Genus **CELAENEPHES.**

- Schmidt Goebel, Faun. Col. Birm., 1846, p. 77 : Lacord., Gen. Col., i, p. 138 : Mun. Cat., p. 148.
parallelus, Schmidt Goebel, *l.c.*, *supra*, p. 78, t. 2, f. 5.
linearis (*Leistus*), Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 208.
 Hab. Burma, Ceylon, Malacca, Perak, Siam, Sumatra, New Caledonia.

Genus **PENTAGONICA.**

- Schmidt Goebel, Faun. Col. Birm., 1846, p. 48 : Lacord., Gen. Col., i, p. 133 : Schaum, Berlin. Ent. Zeits; vii, 1863, p. 74 : Chaudoir, Bull. Mosc., lli (3), 1877, p. 212 : Bates, Trans. Ent. S. Lond., 1873, p. 321.
Dilatus, Leconte, Trans. Amer. Phil. Soc., 1859, p. 377.
Elliotia, Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 524 ; *id.*, Ann. Mag. N. H., (2s.) xix, 1857, p. 375.
Rhombodera, Reiche, Rev. Zool., 1842, p. 313 : Lacord., Gen. Col., i, p. 139 : Mun. Cat., p. 148 : Schaum, Berlin Ent. Zeits., vii, 1863, p. 74 (*nov. praeoc.*).
Trichothorax, Montrouzier, Ann. Soc. Ent. Fr., 1860, p. 235.
Wakefieldia, Broun, Man. New Zeal. Col., 1880, p. 62.
Xenothorax, Wollaston, Col. Hesper., 1867, p. 15.

- Erichsonii*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 48.
Hab. Burma.
- marginata*, Motsch., Bull. Mosc., xxxiv (1), 1861, p. 105, t. 9, f. 3.
Hab. Ceylon.
- pallipes* (*Elliottia*), Nietner, Jl. As. Soc. Ben., 1856, p. 525; Ann. Mag. N. H., (2s.)
xix, 1857, p. 376.
? = *Erichsonii*, Schmidt Goebel, *q. v.*
Hab. Ceylon.
- ruficollis*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 48.
Hab. Burma, N. India.
- suturalis* (*Rhombodera*), Schaum, Berlin. Ent. Zeits., vii, 1863, p. 75.
Hab. Hongkong.
- transparipes*, Motschulsky, Et. Ent., 1859, p. 29.
Hab. Ceylon, Kandy (*Bates*).
- HELLUONINI**:—Lacordaire, Gen. Col., i, p. 90; Horn, Gen. Carab., p. 160; Leconte
& Horn, Class. Col., p. 45.

Genus **CREAGRIS**.

- Nietner, Jl. As. Soc. Beng., xxvi, 1857, p. 139; Ann. Mag. N. H., (2s.) xx, 1857,
p. 277; Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 262; Gestro, Ann. Mus.
Civ. Gen., vii, p. 868.
Pseudochelilus, Lap. de Casteln., Nat. Austr. Col., 1867, p. 18.
- affinis*, B. Gestro, Ann. Mus. Civ. Gen., vii, 1875, p. 870, fig.
Hab. Siam, Bangkok.
- labrosus*, Nietner, Jl. As. Soc. Beng., xxvi, 1857, p. 139; Ann. Mag. N. H., (2s.) xx,
1857, p. 278; Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 213; B. Gestro,
l. c. supra, p. 872, fig.
picus, Schaum, Berlin. Ent. Zeits., 1863, p. 80; *id.*, *l. c.*, 1864, p. 116, t. 2,
f. 6.
Hab. Ceylon, Colombo (*Bates*).

Genus **MACROCHILUS**.

- Hope, Col. Man., ii, 1838, p. 116; Schmidt Goebel, Faun. Col. Birm., p. 64; Lacord.,
Gen. Col., i, p. 93; Schaum, Berlin Ent. Zeits., vii, 1863, p. 80; Chaudoir, Bull.
Mosc., lii (2), 1877, p. 247.
Avantlogeniis, Reiche, Ann. Soc. Ent. Fr., xi, 1842, p. 3; Lacord., Gen.
Col., i, p. 93.
Macrochilus, (Kirby), Hope, *l. c. supra*.
Meladroma, Motsch., Et. Ent., 1855, p. 54; Chaud., Rev. Mag. Zool., (2s.)
xxiii, 1872, p. 171.

- anthoides**, Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 169.
Hab. Bengal.
- asteriscus**, White, Ann. Mag. N. H., xiv, 1844, p. 422 : Chaudoir, Rev. Mag. Zool., 1872, p. 172.
crucifer, Redtenbacher, Reise Novara, Zool. ii, Col., 1867, p. 4, t. 2, f. 3.
Hab. China, Hongkong [*Ind. Mus.*, Hongkong].
- Bensonii**, Hope, Col. Man., ii, 1838, p. 166, t. 1, f. 5 : Chaudoir, Rev. Mag. *l.c. supra*, p. 212.
quadrimaculatus, Guérin, Rev. Zool., 1840, p. 38 : Rev. Mag. Zool., Ins. t. 47.
Hab. N. India, Madras, Ceylon, [*Ind. Mus.*, Madras, Giridhi, Sibságar, Darjiling, Burki].
- distactus**, Wiedemann, Zool. Mag., ii (i), 1823, p. 49.
Hab. Java.
- dorsalis**, Klug, Jahrb. Insect., 1834, p. 77.
Hab. India.
- impictus**, Wiedemann, Zool. Mag., ii (i), 123, p. 49.
Hab. Java.
- scapularis**, Reiche, Ann. Soc. Ent. Fr., xi, 1842, p. 343.
Hab. India.
- trimaaculatus**, Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 171.
Hab. Dekhan.
- tripustulatus**, Fabr., Ent. Syst., i, 1792, p. 145 : Dejean, Spec., i, p. 286 : Guérin, Voy. Delessert, ii, p. 34 : Schmidt Goebel, Faun. Col. Birm., p. 65, pt. : (*Helluo*) Lap. de Casteln., Hist. Nat. Ins., i, p. 47 : Chaudoir, Rev. Mag. Zool., (2s.) xxiii, 1872, p. 212.
Hab. Java, Burma [*Ind. Mus.*, Rangoon].

Genus PLANETES.

- MacLeay**, Annul. Javan., 1825, p. 28 : Lacord., Gen. Col., i, p. 94 : Mun. Cat., p. 95.
Heteroglossa, Nietner, Jl. As. Soc. Beng., xxvi, 1857, p. 141 ; Ann. Mag. N. H., (2s.) xx, 1857, p. 279.
- bimaaculatus**, MacLeay, *l.c. supra*, p. 29, t. 1, f. 8 : Chaudoir, Rev. Mag. Zool., 1872, p. 139 : Bates, Trans. Ent. S. Lond., 1873, p. 304.
Hab. Java, China, Japan.
- elegans**, Nietner, Journ. As. Soc. Beng., xxvi, 1857, p. 143 ; *id.*, Ann. Mag. N. H., (2s.) xx, 1857, p. 281.
Hab. Ceylon.
- immaculatus**, Schaum, Berlin. Ent. Zeits., 1863, p. 81.
Hab. Malacca.

- rufoceph.** Schaum, *l.c.*, p. 81 : Chaudoir, *Rev. Mag. Zool.*, 1872, p. 139.
bimaculatus, Nietner (*neo* MacLeay), *Jl. As. Soc. Ben.*, xxvi, 1857, p. 144 ;
Ann. Mag. N. H., (2s.) xx, p. 282.
 Hab. Ceylon.
- rufocollis.** Nietner, *Jl. As. Soc. Ben. l.c. supra*, p. 144 ; *Ann. Mag., l.c. supra*, p. 282.
 Hab. Ceylon.
- secernendus.** Oberthür, *Notes Leyden Mus.*, v, 1883, p. 217.
 Hab. E. Sumatra, Serdang.
- simplex.** Bates, *Ann. Mag. N. H.*, (5s.) xvii, 1886, p. 199.
 Hab. Ceylon, Peradeniya.

Genus **OMPHRA.**

- Reiche, *Ann. Soc. Ent. Fr.*, 1842, p. 330 : Lacord., *Gen. Col.*, i, p. 94 : *Mun. Cat.*,
 p. 100.
- atrata.** Klug, *Jahrb. Insect.*, 1834, p. 72.
 Hab. India.
- complanata.** Reiche, *Ann. Soc. Ent. Fr.*, 1842, p. 342 : Chaudoir, *Rev. Mag. Zool.*'
 (2s.) xxiii, 1872, p. 141.
brevis, Chaudoir, *Bull. Mosc.*, xxiii (i), 1850, p. 86.
 Hab. India, Simla.
- hirta.** Fabr. *Syst. Eleuth.*, i, 1801, p. 214 : Dejean, *Spec.*, i, p. 284 ; *l.c.*, ii, t. 7, f. 1 :
 (*Helluo*) Lap. de Casteln., *Hist. Nat. An. Art.*, i, p. 47.
 Hab. India [*Ind. Mus.*, Bengal, Giridhi, Vizagapatam. S. India].
- pilosa.** Klug, *Jahrb.*, i, 1834, p. 71.
attelaboides, Fabr., *Syst. Eleuth.*, i, 1801, p. 24 : Ericha, *Stettin Ent-*
Zeit., 1847, p. 141.
 Hab. India, Ceylon.
- rotundicollis.** Chaudoir, *Rev. Mag. Zool.*, (2s.) xxiii, 1872, p. 140.
 Hab. India.
- rufipes.** Klug, *Jahrb. Ins.*, i, 1834, p. 72 : Chaudoir, *l.c. supra*, p. 141 : Bates, *Ann.*
Mag. N. H., (5s.) xvii, 1886, p. 71.
 Hab. India, Ceylon, Colombo.
- ANTHINI** :- Lacordaire, *Gen. Col.*, i, 1854, p. 175 : Horn, *Gen. Carab.*, p. 162.

Genus **ANTHIA.**

- Weber, *Obs. Ent.*, 1801, p. 17 : Bonelli, *Mém. Acad. Turin*, 1813, p. 451 : Lacord.,
Gen. Col., i, p. 177 : *Mun. Cat.*, p. 168 ; Lequien, *Mag. Zool.*, 1832, cl. ix, t.
 38-41 : Gory, *ib.*, 1839, t. 14-16 : Guérin, *Voy. Abyssin.*, *Zool. Ins.*, p. 256 :
 Chaudoir, *Bull. Mosc.*, xxiii (i), 1850, p. 41 ; *ib.*, xxxiv (i), 1861, p. 561.
- Gonogenia*, Chaudoir, *Bull. Mosc.*, xvii, 1844.
- Microlestia*, Chaudoir, *Bull. Mosc.* xxiii (i), 1850, p. 45.
- Pachymorpha*, Hope, *Col. Man.*, ii, 1838, p. 51 : Motsch., *Bull. Mosc.*,
 xxxvii (3), 1864, p. 215.
- Thermophila* (*Leach*), Hope, *l.c. supra*, p. 52.

- elliptica*, (*Pachymorpha*), Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 216.
Hab. Tranquebar.
- indica*, Chaudoir, Bull. Mosc. xxxiv (i), 1861, p. 563.
Hab. India [*Ind. Mus.*, Vizagapatam, W. Bengal].
- orientalis*, Hope, Col. Man., ii, 1838, p. 163, t. 3, f. 4 : Chaudoir, Bull. Mosc., xxxiv (i), 1861, p. 563 ; Motsch., *l.c.* xxxvii (3), 1864, p. 216.
Hab. Bombay [*Ind. Mus.* N. India].
- sexguttata*, Fabr., Syst. Ent., 1775, p. 236 : Oliv., Ent., iii (35), p. 15, t. 1, f. 6 : Dejean, Spec., i, p. 341 : Brullé, Hist. Nat. Ins. Col. i, p. 270, t. 9, f. 2 : Lap. de Casteln., Hist. Nat. Ins., i, p. 60 : Chaudoir, Bull. Mosc., xxxiv (i), 1861, p. 562 : Motsch., *l.c.*, xxxvii (3), 1864, p. 216.
Hab. India, Pondicherry [*Ind. Mus.*, Berhampur].
- PHYSOCROTAPHINI**:— Chaudoir, Bull. Mosc., xxxv (4), 1862, p. 301 : Horn, Gen. Carab., p. 162.

Genus **HELLUODES.**

- Westwood, Trans. Ent. S. Lond., iv, 1847, p. 279 : Lacord., Gen. Col., i, p. 92 : Mun. Cat., p. 96 : Chaudoir, Bull. Mosc., xxxv (4), 1862, p. 302.
- taprobanae*, Westwood, Trans. Ent. S. Lond., iv, 1847, p. 279, t. 21, f. B.
ceylonicus, Lacordaire, Gen. Col., Atlas, t. 7, f. 1, (*nec Parry*).
Hab. Ceylon, Kitugalle (*Bates*).
- Westwoodii*, Chaudoir, Rev. Mag. Zool., (2s.) xxi, 1869, p. 203.
Hab. Dekhan.

Genus **PHYSOCROTAPHUS.**

- Parry, Trans. Ent. S. Lond., v, 1849, p. 180 : Lacord., Gen. Col., i, p. 181 : Chaudoir, Bull. Mosc., xxxv (4), 1862, p. 303 : Mun. Cat., p. 96.
- ceylonicus*, Parry, Trans. Ent. S. Lond., v, 1849, p. 180, t. 18, f. 4.
Hab. Ceylon, Dikoya (*Bates*).

Genus **POGONOGLOSSUS.**

- Chaudoir, Bull. Mosc., xxxv (4), 1862, p. 304 : Gestro, Ann. Mus. Civ. Gen., vii, p. 862.
- Chaudoirii*, B. Gestro, Ann. Mus. Civ. Gen., vii, 1875, p. 863.
Hab. Cambodia.
- sumatrensis*, R. Gestro, *l.c.*, p. 863.
Hab. Sumatra.
- validicornis*, Chaudoir, Bull. Mosc., xxxv (4), 1862, p. 304 : R. Gestro, *l.c. supra*, p. 862.
Hab. Java.

Gratocerini:—Horn, *Gen. Carab.*, p. 163.

Genus **BRACHIDIUS.**

Chaudoir, *Bull. Mosc.*, xxvi (i), 1852, p. 78; *id.*, *Monograph*, *Ann. Soc. Ent. Belg.*, xv, 1872, p. 18 : Lacord., *Gen. Col.*, i, p. 264 : *Mun. Cat.*, p. 250.

corpulentus, Chaudoir, *Ann. Soc. Ent. Belg.*, xv, 1872, p. 20.

Hab. Penang.

crassicornis, Chaudoir, *Bull. Mosc.*, xxvi (i), 1852, p. 78; *id.*, *Mon.*, p. 19.

Hab. Timor, Moluccas, Philippines.

Orthogonini, Chaudoir, *Essai Mon.*, *Ann. Soc. Ent. Belg.*, xiv, 1871, p. 95 : Horn, *Gen. Carab.*, p. 164.

Genus **ORTHOGENIUS.**

Dejean, *Spec.*, i, 1825, p. 279 : Lacordaire, *Gen. Col.*, i, p. 269 : Schmidt Goebel, *Faun. Col. Birm.*, p. 55 : *Mun. Cat.*, p. 251 : Chaudoir, *Bull. Mosc.*, xxi (i), 1848, p. 98; *id.*, *Monograph*, *Ann. Soc. Ent. Belg.*, xiv, 1871, p. 95.

Maraga, Walker, *Ann. Mag. N. H.*, (3s.) ii, 1858, p. 204 : Waterhouse, *Ent. Mon. Mag.*, x, 1873, p. 17 : Chaudoir, *Mon.*, p. 121.

Subg. *Apsactra*, Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 61.

Subg. *Haplopiethius*, Chaudoir, *Bull. Mosc.*, xxiii (2), 1850, p. 434.

acrogonus, Wiedemann, *Zool. Mag.*, i (3), 1819, p. 167 : Dejean, *Spec.*, v, p. 398 : Lacordaire, *Gen. Col.*, Atlas, t. 10, f. 7 : Lap. de Casteln., *Hist. Nat., An. Art.*, i, p. 46 : Chaud., *Mon.*, p. 104.

brunnilabris, MacLeay, *Annul. Javan.*, 1825, p. 27.

Hab. Java.

acutangulus, Chaudoir, *Bull. Mosc.*, liii (3), 1878, p. 5.

Hab. Ceylon.

alternans (Plochionus), Wiedemann, *Zool. Mag.*, ii (i), 1823, p. 52 : Brullé, *Hist. Nat. Ins.*, i, p. 225, t. 8, f. 1 : Chaudoir, *Mon.*, p. 102 : Bates, *Ann. Mus. Civ. Gen.*, (2s.) vii, 1889, p. 110.

Hab. Java.

angulatus, Schmidt Goebel, *Faun. Col. Birm.*, 1846, p. 58 : Chaudoir, *Mon.*, p. 110.

Hab. Burma, Tenasserim.

angusticollis, Schmidt Goebel, *l.c.*, p. 61 : Chaudoir, *Mon.*, p. 122.

Hab. Burma.

? *angustus*, Chaudoir, *Mon.*, p. 114.

Hab. ? Lake Ngami, ? Malaya.

Baconii, Chaudoir, *Mon.*, p. 109.

Hab. Bengal.

crassicornis, Chaudoir, *Mon.*, p. 105.

Hab. Java.

crenaticrus, Chaudoir, *Mon.*, p. 113.

Hab. Cambodia.

- Davidii**, Chaudoir, Bull. Mosc., liii (2), 1878, p. 3.
Hab. Middle China.
- deletus**, Schmidt Goebel, Faun. Col. Birm., 1846, p. 56 : Chaud., *Mon.*, p. 113.
Hab. Burma.
- duplicatus** (*Carabus*), Wiedemann, Zool. Mag., i (3), 1819, p. 166 : Schmidt Goebel, Faun. Col. Birm., p. 60 : Lap. de Casteln., Hist. Nat. An. Art., i, p. 46 : Bates, Ann. Mus. Civ. Gen., (2a.) vii, 1889, p. 110.
Hab. Burma, Thagata, Tenasserim, S. China.
- femoralis**, Chaudoir, Bull. Mosc., xxi (i), 1848, p. 99 ; *Mon.*, p. 111.
Hab. India, Nilgiris.
- femoratus**, Dejean, Spec., i, 1825, p. 231 : Chaud., *Mon.*, p. 122.
picilabris, MacLeay, Annul. Javan., 1825, p. 27.
Hab. Java, Penang, Malacca.
- fugax**, Chaudoir, *Mon.*, p. 108.
Hab. Ceylon.
- Hagenii**, Oberthür, Notes Leyden Mus., v, 1883, p. 222.
Hab. E. Sumatra, Serdang.
- hirtus**, Chaudoir, *Mon.*, p. 103.
Hab. Penang.
- Hopel**, Gray, Griffith Anim. Kingd., Ina, ii, 1832, p. 273, t. 13, f. 4 : Lap. de Casteln., Hist. Nat. An. Art., i, p. 46 : Chaud., *Mon.*, p. 103.
Malabarensis, Gory, Ann. Soc. Ent. Fr., 1833, p. 196.
? Doriae, Putzeys, Ann. Soc. Ent. Belg., xiv, 1871, p. 104, note. Borneo.
Hab. India, Malabar, Malacca [*Ind. Mus.*, Khasiya Hills, Sibsagar, Assam].
- hypocrita**, Chaudoir, *Mon.*, p. 102.
Hab. Philippines, ? Java.
- intermedius**, Chaudoir, *Mon.*, p. 102.
Hab. Java.
- insularis**, Chaudoir, *Mon.*, p. 106.
Hab. Penang.
- longicornis**, Chaudoir, *Mon.*, p. 109.
Hab. Siam.
- luzonicus**, Chaudoir, *Mon.*, p. 123.
Hab. Philippines.
- melanarius**, Chaudoir, *Mon.*, p. 113.
Hab. Penang.
- Mellyi** (*Haplophysinus*), Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 434 ; *Mon.*, p. 101.
Hab. N. India, Bengal.
- Mniszechii**, Chaudoir, *Mon.*, p. 101.
Hab. Malacca.
- Mouhotii**, Chaudoir, *Mon.*, p. 107.
Hab. Cochin China.

- opacus*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 60.
Hab. Burma.
- parallelus*, Chaudoir, *Mon.*, p. 109.
Hab. Ceylon.
- parvus*, Chaudoir, *Mon.*, p. 112.
Hab. Nilgiris.
- ? *philippensis* (*Amblygnathus*), Chevrolat, Rev. Zool., 1841, p. 221.
Hab. Philippines.
- piceus*, Chaudoir, *Mon.*, p. 122.
Hab. Malacca.
- pictipennis*, Chaudoir, *Mon.*, p. 100.
Hab. Cambodia.
- planiger* (*Maraga*), Walker, Ann. Mag. N. H., (3s.) ii, 1856, p. 204 : Bates, *l.c.* (4s.), xvii, 1886, p. 211 : Chaud., Ann. Soc. Ent. Belg., xiv, 1871, p. 121.
Hab. Ceylon.
- plicatus*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 59 : Chaud., *Mon.*, p. 119.
Hab. Burma, Tenasserim.
- politus*, Chaudoir, *Mon.*, p. 105.
Hab. Malacca.
- profundistriatus*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 58 : Bates, *Ann. Mus. Civ. Gen.*, (2s.) vii, 1889, p. 110.
Hab. Burma, Teintso.
- puncticollis*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 57 : Chaudoir, *Mon.*, p. 112.
duplicatus, Dejean, Spec., i, 1825, p. 279 (*neo* Wied.) : ? MacLeay, *Annul. Javan.*, p. 27.
Hab. India, Burma, Tenasserim.
- punctulatus*, Chaudoir, *Mon.*, p. 110.
Hab. India.
- schaumi*, Chaudoir, *Mon.*, p. 112.
Hab. Ceylon.
- Schmidt Goebeli*, Chaudoir, *Mon.*, p. 99.
duplicata (*Apsocetra*), Schmidt Goebel, Faun. Col. Birm., 1846, p. 61 : (*neo* Wied.).
Hab. Burma.
- sinuatus*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 59 : Chaudoir, *Mon.*, p. 110.
Hab. Burma, Tenasserim.
- suturalis*, Chaudoir, *Mon.*, p. 104.
Hab. Penang.
- xanthomerus*, Redtenbacher, Reise Novara, Zool., ii, Col., 1867, p. 12 : Chaud., *Mon.*, p. 124.
Hab. Hongkong.

Genus **HFXACHARTUS.**

Chaudoir, Ann. Soc. Ent. Belg., xiv, 1871, p. 124.

laevissimus, Chaudoir, Bull. Mosc., liii (2), 1878, p. 6.

Hab. Malacca.

lateralis, Guérin, Voy Delessert, ii, 1843, p. 35 : Chaud., Ann. Soc. Ent. Belg., xiv, 1871, p. 125.

Hab. Coromandel, Penang.

Genus **ACTENONCUS.**

Chaudoir, Ann. Soc. Ent. Belg., xiv, 1871, p. 126.

ster. Lap. de Casteln., Et. Ent., 1834, p. 48 : Chaudoir, Bull. Mosc., liii (2), 1878, p. 7.

atratus, Chaudoir, Ann. Soc. Ent. Belg., xiv, 1871, p. 126.

Hab. Java.

Sect. **HARPALINE UNIBETOSÆ**—Horn, Gen. Carab., p. 165.

BRACHYNINI:—Lacordaire, Gen. Col., i, p. 97 : Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xix, 1876, p. 11 : Horn, Gen. Carab., p. 166 : Leconte & Horn, *Class. Col.*, p. 47.

Genus **PHEROPSOPHUS.**

Solier, Ann. Soc. Ent., Fr., 1833, p. 461 ; *id.*, 1834, t. 16, f. 6-7 : Lacord., Gen. Col., i, p. 99 : Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xix, 1876, p. 16 : *Mun. Cat.*, p. 102.

agnatus, Chaudoir, *Mon.*, p. 43.

Hab. Chusan, ? Hongkong.

amoenus, Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 70 : *Mon.*, p. 36.

Hab. India.

annulus, Fabr., Syst. Eleuth., i, 1801, p. 217 : Chaud., *Mon.*, p. 47.

Hab. India, Tranquebar.

aptinoides, Chaudoir, *Mon.*, p. 19.

Hab. India.

assamensis, Chaudoir, *Mon.*, p. 33.

Hab. Assam.

assimilis, Chaudoir, *Mon.*, p. 38.

Hab. North China, ? Yangtse Valley.

bimaculatus, Linn., Mantis., 1771, p. 532 : ? Fabr., Syst. Ent., i, p. 243 ; Oliv., Ent., iii 33, p. 65, t. 2, f. 16 a—c : Dejean, Spec., i, p. 299 : Lap. de Casteln., Hist. Nat. An. Art. Ins., i, p. 51 ; Chaudoir, *Mon.*, p. 34.

Hab. N. India, Ceylon, Kitugalle (*Bates*) [*Ind. Mus.*, Calcutta, Afghanistan].

Catoirei (*Brachinus*), Dejean, Spec. i, 1825, p. 301 : Lap. de Casteln., Hist. Nat. An. Art., i, p. 51 : Chaudoir, *Mon.*, p. 24.

var. *hincifrons*, Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 80.

Hab. Bengal, Simla, Assam, Ceylon, Kandy (*Bates*).

consularis (*Brachinus*), Schmidt Goebel, Faun. Col. Birm., 1846, p. 75.

Hab. Burma.

- discoollis* (*Brachinus*), Dejean, Spec., i, 1825, p. 300 : Chaudoir, *Mon.*, p. 21.
 var. *affinis* (*Brachinus*), Dejean, Spec., i, 1825, p. 301.
 Hab. India, Dekhan.
- emarginatus*. Chaudoir, *Mon.*, p. 20.
 ? = *Girionierii*, Eyd. & Soul., *q. v.*
 Hab. Philippines.
- fumigatus* (*Brachinus*), Dejean, Spec., i, 1825, p. 307 : Chaudoir, *Mon.*, p. 40.
 Hab. Philippines.
- fuscoollis* (*Brachinus*), Dejean, Spec., i, 1825, p. 306 : Chaudoir, *Mon.*, p. 37.
 var. *ambiguus*, Dejean, Spec., i, 1825, p. 304 : Chaudoir, *Mon.*, p. 37.
 „ *interruptus*, Dejean, *l. c.* p. 306 : Schmidt Goebel, Faun. Col. Birm.,
 p. 74 : Chaudoir, *Mon.*, p. 37.
 „ *quadripustulatus*, Chaudoir, Bull. Mosc., xvi (3), 1843, p. 706 ; *Mon.*,
 p. 37.
 Hab. Borneo, Sumatra, Java, Ceylon, Kitngalle (*Bates*).
- Girionierii*, Eydoux & Souleyet, Rev. Zool., 1839, p. 264 : Desmarest, Voy. La Bonite,
 i, 1841, p. 293, t. 2, f. 2 : Chaudoir, *Mon.*, p. 32.
 Hab. Philippines, Mindanao, Luzon.
- hilaris*, Fabr. Ent. Syst. Suppl., 1798, p. 56 ; Chaudoir, *Mon.*, p. 25.
 var. *sobrinus*, Dejean, Spec., ii, 1826, p. 462.
 Hab. Dekhan, Coromandel, Burma.
- Javanus* (*Brachinus*), Dejean, Spec., i, 1825, p. 305 : Chaudoir, *Mon.*, p. 42.
occipitalis (*Aptinus*), MacLeay, Annul. Javan., 1825, p. 28.
 var. *imbriatus* (Dejean), Chaudoir, *Mon.*, p. 42.
 Hab. Java.
- Jessoensis*, Morawitz, Bull. Acad. St. Petersburg, v. 1862, p. 322 : Beitr. Kkf. Faun.
 Jesso, p. 22, t. 1, f. 9 : Chaudoir, *Mon.*, p. 35.
 Hab. Manchuria, Japan, ? Hongkong.
- Nasoderus*, Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 79 : *id.*, *Mon.*, p. 24.
 Hab. Tibet.
- marginatus*, Dejean, Spec., i, 1825, p. 310 : Schmidt Goebel, Faun. Col. Birm., p. 74 :
 Chaudoir, *Mon.*, p. 34.
 Hab. India, Burma, Siam, Cochinchina, Cambodia [*Ind. Mus.*, Calcutta,
 Sikkim, Sibsagar, Assam].
- marginicollis*, Motschulsky, Et. Ent., 1853, p. 44 : Chaudoir, *Mon.*, p. 43.
 Hab. N. China, ? Shanghai.
- melancholicus* (*Brachinus*), Schmidt Goebel, Faun. Col. Birm., 1846, p. 71 : Chau-
 doir, *Mon.*, p. 20.
 Hab. India, Bengal.
- nebulosus*, Chaudoir, *Mon.*, p. 27.
 Hab. Cochinchina.
- picicollis*, Chaudoir, *Mon.*, p. 44.
 Hab. Burma, Bangoon.
- siamensis*, Chaudoir, *Mon.*, p. 29.
 Hab. Siam.

stenoderus, Chaudoir, Bull. Mosc. xxiii (i), 1850, p. 77; *Mon.*, p. 41.

=? *consularis*, Schmidt Goebel, *g. v.*

Hab. N. India, Bengal, Dekhan, Java.

subcordatus, Chaudoir, *Aron.*, p. 38.

Hab. —?

Genus BRACHYNUS.

Weber, *Ota. Ent.*, 1801, p. 22; Lacord., *Gen. Col.*, i, p. 99; Motsch., Bull. Mosc. xxxviii (3), 1864, p. 214, *tab. syn.*: *Man. Cat.*, p. 103; Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xix, 1876, p. 49.

Aploa, Hope, Trans. Zool. S. Lond., 1838, p. 91.

stripeanis, Chaudoir, *Mon.*, p. 71.

Hab. India, Simla.

bigutticeps, Chaudoir, *Mon.*, p. 52.

Hab. ? India, ? Sunda Islands.

caligatus, Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 109.

Hab. Burma, Bhamo.

chinensis, Chaudoir, Bull. Mosc., xxiii (i), 1850, p. 81; *Mon.*, p. 68.

Confucius, Bohem., Freg. Eug. Resa, Col., 1858, p. 3.

Hab. Hongkong.

cinctellus, Chaudoir, *Mon.*, p. 55.

Hab. India, Dekhan.

flaviventris, Chaudoir, *Mon.*, p. 68.

Hab. India, Coromandel.

Hageni, Oberthür, Notes Leyden Mus., v, 1888, p. 217.

Hab. E. Sumatra, Serdang.

hexagrammus, Chaudoir, *Mon.*, p. 55.

Hab. Bengal.

illatus, Chaudoir, *Mon.*, p. 58.

Hab. Dekhan.

umbellus, Chaudoir, *Mon.*, p. 70.

Hab. Dekhan.

umbicollis, Chaudoir, *Mon.*, p. 67.

Hab. Dekhan.

longipalpis, Wiedemann, Germar, *Mag. Ent.*, iv, 1821, p. 118; Dejean, *Spec.*, i, p. 314; Chaudoir, *Mon.*, p. 87.

Hab. Bengal.

luzonicus, Chaudoir, *Mon.*, p. 68.

Hab. Philippines.

modestus, Schmidt Goebel, *Faun.*, Col. Birm., 1846, p. 73; Chaudoir, *Mon.*, p. 69.

Hab. Calcutta, Maulmain.

piceus, Chaudoir, *Mon.*, p. 53.

Hab. Philippines.

- plotus* (*Aploa*), Hope, Trans. Zool. S. Lond. i, 1833, p. 92 : Brullé, Hist. Nat. Ins., Col., i, 1834, p. 223 : Lap. de Casteln., Hist. Nat. An. Art. Ins., i, p. 58 : Chaudoir, *Mon.*, p. 54.
figuratus, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 41.
 Hab. N. India, Bengal.
- puncticollis*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 72 : Chaudoir, *Mon.*, p. 69.
 Hab. Burma.
- scutulus*, Schmidt Goebel, *l. c.* p. 72 : ? Chaudoir, *Mon.*, p. 59.
 Hab. Burma, ? Tranquebar.
- scotomedes*, Bedtenb., Reise Novara, Zool. ii, Col., 1867, p. 5 : Chaudoir, *Mon.*, p. 53.
 Hab. Hongkong, Shanghai.
- scutellatus*, Chaudoir, *Mon.*, p. 69.
 Hab. Dekhan.
- sexmaoulatus*, Dejean, Spec., i, 1825, p. 312 : Lap. de Casteln., Hist. Nat. An. Art., i, p. 51 : Chaudoir, *Mon.*, p. 63.
 Hab. N. to S. India.
- suturellus*, Chaudoir, *Mon.*, p. 69.
 Hab. N. India.
- tetracolon*, Chaudoir, *Mon.*, p. 61.
 Hab. Dekhan.
- tetragrammus*, Chaudoir, *Mon.*, p. 54.
 Hab. Bengal.
- vigilans*, Chaudoir, *Mon.*, p. 68.
 Hab. N. India.
- vitticollis*, Chaudoir, *Mon.*, p. 56.
 Hab. Burma, Rangoon.

Genus **STYPHLOMERUS.**

- Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xix, 1876, p. 87.
Styphlomerus, Chaudoir, *l. c.*, p. 88.
- dichrous*, Gemm. & Har., Mun. Cat., 1868, p. 105 : Chaudoir, *Mon.*, p. 92.
bicolor, Bohem., Freg. Eng. Resa, Col., 1858, p. 3 (*sec.* Brullé) : *neo* Bates, Trans. Ent. S. Lond., 1873, p. 307.
 Hab. Hongkong.
- fulvicoeps* (*Brachinus*), Schmidt Goebel, Faun. Col. Birm., 1846, p. 73 : Chaudoir, *Mon.*, p. 92.
 Hab. Burma.
- ruficeps*, Chaudoir, *Mon.*, p. 91.
 Hab. India, Coromandel.

Genus **CREPIDOGASTER.**

- Bohémàn, Ins. Caffr., i, 1848, p. 68 : Mun. Cat., p. 109 : Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xix, 1876, p. 92.
Aptinus, pt. Dejean, Spec., i, 1825, p. 290.

Orepidostoma, Motsch., Et. Ent., 1862, p. 54.

humeralis, Chaudoir, *Mon.*, p. 96.

Hab. India, Malabar.

Genus **MASTAX**.

Fischer, Ent. Imp. Ross., iii, 1825, p. 111 ; Schmidt Goebel, Faun. Col. Birm., p. 68 : Lacord., Gen. Col., i, p. 101 : Schaum, Berlin Ent. Zeita., vii, 1863, p. 82 : Mun. Cat., p. 108 : Chaudoir, *Monograph*, Ann. Soc. Ent. Belg., xix, 1876, p. 97.

Brachinus, Fabricius, Dejean, Steven.

elegantulus, Schmidt Goebel, Faun. Col. Birm., 1846, p. 69, t. 2, f. 1 : Chaudoir, *Mon.*, p. 99.

Hab. Burma.

histris, Fabricius, Syst. Eleuth., i, 1801, p. 219 : Chaudoir, *Mon.*, p. 101.

Hab. India, Dekhan.

moestus, Schmidt Goebel, Faun. Col. Birm., 1846, p. 70, t. 2, f. 3 : Chaudoir, *Mon.*, p. 100.

Hab. Burma.

ornatus, Schmidt Goebel, *l. c.*, p. 70 : Chaudoir, *Mon.*, p. 100.

Hab. Burma.

poecilus, Schaum, Berlin. Ent. Zeita., vii, 1863, p. 82 : Chaudoir, *Mon.*, p. 101.

Hab. China, Hongkong, Singapur.

pulchellus, Dejean, Spec., v, 1831, p. 433 : Chaudoir, *Mon.*, p. 99.

Hab. India.

striaticeps, Chaudoir, *Mon.*, p. 99.

Hab. Dekhan.

APOTOMINI—Jacq. Duval, Gen., i, p. 43 ; Horn, Gen. Carab., p. 167.

Genus **APOTOMUS**.

Illiger, Mag. Ins., vi, 1807, p. 348 : Lacord., Gen. Col., i, p. 172 : Mun. Cat., p. 166.

atripennis, Motschulsky, Et. Ent., 1858, p. 22.

Hab. Ceylon.

fuscus, Motschulsky, *l. c.*, p. 22.

Hab. India.

xanthotenus, Bates, Ent. Mon. Mag., xi, 1874, p. 95 ; Ann. Mus. Civ. Gen., (2a.) vii, 1889, p. 100.

Hab. India, Burma, Bhamo.

BROSCINI, (*Cnemacanthini*), Putzeys, Stettin. Ent. Zeita., xxix, 1868, p. 305 : Horn. Cat. Carab.

Genus **BROSCUS**.

Panzer, Index Ent., 1813, p. 62 : Lacord., Gen. Col., i, p. 239 : Mun. Cat., p. 243 :

Putzeys, *Monograph*, Stettin. Ent. Zeit., 1868, p. 307.

Cephalotes, Bonelli, Mém. Acad. Turin, 1810 (*nom. præoc.*).

Pseudocypis, Voet, Cat. Col., 1770, *teste*, Gozis, Recherche, 1886, p. 6.

- anomalus**, Chaudoir, Bull. Mosc., liii (2), 1878, p. 1.
Hab. N. W. Himálaya.
- nepalensis** (*Percus*), Hope, Gray's Zool. Misc., 1831, p. 21.
Hab. Nepál.
- nobilis** (*Cephalotes*), Dejean, Spec., iii, 1828, p. 432.
rufipes, Guérin, Ic. Reg. An., t. 6, f. 5 : Gray, Griffith, An. Kingd., Ins., i, 1832, t. 25, f. 3.
Hab. ? India, Syria.
- punctatus** (*Cephalotes*), Dejean, Spec., iii, 1828, p. 431 : Chaudoir, Bull. Mosc., liii (2), 1878, p. 2.
limbatus, Ball., Bull. Mosc., xliiii (2), 1870, p. 327.
Hab. Egypt, Syria, Arabia, Nepál.

Genus **CRASPEDONOTUS.**

- Schaum, Berlin. Ent. Zeits., vii, 1863, p. 87 : Mun. Cat., p. 245 : Putzeys, Stettin. Ent. Zeit., 1863, p. 314.
- tibialis**, Schaum, *l.c. supra*, p. 87, t. 1, f. 5 : Putzeys, *l.c. supra*, p. 314 : Bates, Trans., Ent. S. Lond., 1873, p. 243.
Hab. Japan, China, Fuchau.

Genus **BROSCOSOMA.**

- Putzeys, Car. Gen. Nov., 1846 ; *id.*, Stettin. Ent. Zeit., xxix, 1868, p. 353 : Lacord., Gen. Col., i, p. 242 : Mun. Cat., p. 244.
- Bibbeti**, Putzeys, Stettin. Ent. Zeit., xxxviii, 1877, p. 100.
Hab. Darjiling.

CHLAENIMI :—Lacordaire, Gen. Col., i, 1854, p. 215 : Horn, Trans. Amer. Ent. S., x, p. vii : Gen. Carab., p. 171 : Leconte & Horn, Class. Col., p. 50.

Genus **CHLAENIUS.**

- Bonelli, Obs. Ent., 1809, tab. syn. : Lacord., Gen. Col., i, p. 224 : Mun. Cat., p. 214 : Chaudoir, Bull. Mosc., xxix (3), 1856, p. 187 ; *id.*, *Monograph*, Ann. Mus. Civ. Gen., viii, 1876 : Laferté Sénéctère, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 209. [Laferté's numerous undescribed species are omitted].
- Acacus*, Laferté, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 254 : Lacord., Gen. Col., i, p. 223.
- Aleptocerus*, Laferté, *l.c. supra*, p. 236 : Lacord., Gen. Col., i, p. 218.
- Amblygenius*, Laferté, *l.c.*, p. 263 : Mun. Cat., p. 213.
- Barymorphus*, Laferté, *l.c.*, p. 235.
- Callistoides*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 334.
- Chlaenites*, Motsch., Bull. Acad. St. Petersb., ii, 1860, p. 411.
- Diaphoropsophus*, Chaud., Bull. Mosc., xxiii (2), 1850, p. 407 : Lacord., Gen. Col., i, p. 221.
- Dilobochilus*, Laferté, *l.c. supra*, p. 293 : Lacord., Gen. Col., i, p. 222.
- Dinodes*, Bonelli, Obs. Ent., i, 1809, tabl. syn. : Laferté, *l.c. supra*, p. 264.

- Epomis*, Bonelli, *l.c. supra* : Laferté, *l.c. supra*, p. 252 : Lacord., Gen. Col., i, p. 223 : Chaud., *Mon.*, p. 120.
- Eurydaotylus*, Laferté, *l.c. supra*, p. 255.
- Glyptoderus*, Laferté, *l.c.*, p. 260 : Chaud., *Mon.*, p. 75.
- Homalolachnus*, Laferté, *l.c.*, p. 293 : Lacord., Gen. Col., i, p. 220 : Chaud., *Mon.*, p. 26.
- Lissauchenius*, MacLeay, Annul. Javan., 1825, p. 13 : Lacord., Gen. Col., i, p. 217 : Chaud., *Mon.*, p. 34.
- Ocybatus*, Laferté, *l.c. supra*, p. 293 : Lacord., Gen. Col., i, p. 219 : Chaud., *Mon.*, p. 37.
- Ocydromus*, Laferté, *l.c.* p. 230.
- Onalotrichus*, Laferté, *l.c.* p. 233.
- Pocoilostus*, Motsch., Bull. Mosc., xxxvii (4), 1864, p. 347.
- Rhysostrachelus*, Bohem., Ins. Caffr., i, , p. 133 : Lacord., Gen. Col., i, p. 220 : Chaud., *Mon.*, p. 29.
- Tomoohilus*, Laferté, *l.c. supra*, p. 253.
- Trichochlaenius*, Seidlitz, Fauna Baltica, (ed. 2), 1887, p. 23.
- Vertagus*, Dejean, Spec. v, 1831, p. 608 : Lacord., Gen. Col., i, p. 219 : Chaud., *Mon.*, p. 31.
- acroxanthus**, Chaudoir, *Mon.*, p. 112.
Hab. Siam, Singapore, Java.
- agilis**, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 246 : *Mon.*, p. 198.
Hab. N. India.
- amabilis**, Chaudoir, *Mon.*, p. 279.
Hab. Siam.
- amplipennis**, Chaudoir, *Mon.*, p. 252.
Hab. Java.
- apicalis** (*Carabus*), Wiedemann, Zool. Mag., i (3), 1819, p. 166 : Dejean, Spec. ii, p. 324 : Chaud. *Mon.*, p. 89.
Hab. Bengal, Dekhan, Burma.
- atripes**, Chaudoir, *Mon.*, p. 160.
Hab. India, Dekhan.
- bengalensis**, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 262 : *Mon.*, p. 157.
princeps, Nietner, Journ. As. Soc. Ben., xxvi, 1857, p. 147 ; *id.*, Ann. Mag. N. H., (2s.) xx, 1857, p. 371.
quadricolor (*Pocoilostus*), Motsch. (*neo* Oliv.), Bull. Mosc., xxxvii (3), 1864, p. 348.
Hab. N. India, Bengal, Tranquebar, Ceylon, Siam, Tehekian (China).
- bicolor**, Chaudoir, *Mon.*, p. 130.
Hab. Dekhan.
- biguttatus**, Motsch., Et. Ent., 1854, p. 63 ; *id.*, Bull. Mosc., xxxvii (3), 1864, p. 341 : Chaudoir, *Mon.*, p. 274.
subhamatus, Bates, Trans. Ent. S. Lond., 1873, p. 248 (*neo* Chaud.).
Hab. Japan, China, Yangtze Valley, Hongkong.

- blhamatus**, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 210 ; *id.*, *Mon.*, p. 62.
hamifer, Bates, Trans. Ent. S. Lond., 1873.
 Hab. N. India, Tranquebar, Borneo, Java, Hongkong.
- blmaculatus**, Dejean, Spec., ii, 1826, p. 301 : Lacord., Gen. Col., i, p. 218, note :
 Chaud., *Mon.*, p. 51.
 ? *flaviguttatus*, MacLeay, Annul. Javan., 1825, p. 14 : Chaud., *Mon.*, p. 52.
 var. *celebensis*, Schaaf., Hor. Ent. Ross., xxi, 1887, p. 105.
 Hab. India, Java, [*Ind. Mus.*, Bombay, N. Khasiya Hills, Andaman Islands].
- blnotatus**, Dejean, Spec., ii, 1826, p. 302 : Chaud., *Mon.*, p. 48,
maculifer, Casteln., Not. Austr. Col., 1867, p. 62.
punctatus, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 200.
puncticeps, Gemm. & Har., Mun. Cat., 1869, p. 224.
 var. *biguttatus*, Montrouzier, Ann. Soc. Ent. Fr. (4a.) i, 1860, p. 237.
 ,, *guttatus*, Eschsch, Zool. Atlas, v, 1829, p. 26, t. 25, f. 8 : Fairm., Rev. Zool.,
 1849, p. 282.
 Hab. Java, Sumatra, Philippines, Australia, New Guinea, New Caledonia.
- blsculatus**, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 198 : *Mon.*, p. 50.
 Hab. India, Dekhan, Coromandel.
- blrmanicus**, Chaudoir, *Mon.*, p. 93, 95.
 Hab. Burma, Rangoon.
- blraminus**, Chaudoir, *Mon.*, p. 139.
 Hab. Coromandel.
- bllichloris**, Bates, Trans. Ent. S. Lond., 1873, p. 250 : Chaud., *Mon.*, p. 198.
 Hab. Kiukiang on Yangtse, Japan.
- blcamillæ**, R. Gestro, Ann. Mus. Civ. Gen., (2a.) vi, 1888, p. 108.
 Hab. Burma, Teintso.
- blceler**, Chaudoir, *Mon.*, p. 201.
 Hab. N. India, Dekhan.
- blchalcoderus**, Chaudoir, *Mon.*, p. 159.
 Hab. Siam, Bangkok.
- blchalcothorax** (*Harpalus*), Wiedemann, Zool. Mag., ii (1), 1823, p. 51 : Dejean, Spec.,
 ii, p. 304 : Chaud., *Mon.*, p. 138.
pubipennis, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 233.
 Hab. India, Tranquebar.
- blchlorodius**, Dejean, Spec., ii, 1826, p. 365 : Chaud., *Mon.*, p. 176.
 Hab. India, Cis Ganges [*Ind. Mus.*, Madras].
- blcinctus** (*Carabus*), Fabr., Ins., i, p. 310 : Herbst, Fûsil. Arch., iv, 1783, p. 135, t. 29,
 f. 7 : Dejean, Spec., ii, p. 307 : MacLeay, Annul. Javan., p. 13 : Chaud., *Mon.*,
 p. 135 : Bates, Ann. Mag. N. H., (5a.) xvii, 1886, p. 74.
pulcher, Nietner, Journ. As. Soc. Beng., xxv, 1856, p. 387 ; *id.*, Ann. Mag.
 N. H., (2s.) xix, 1857, p. 242.
 Hab. Bengal, Dekhan, Ceylon, Colombo (Bates) [*Ind. Mus.* Sibsâgar, Assam,
 ? China].
- blcircumdatus**, Brullé, Silb. Rev. Ent., iii, 1835, p. 283 : Chaud., *Mon.*, p. 114 : Bates,
 Ann. Mag. N. H., (5a.) xvii, p. 74.

- supracollis*, Nietner, Jour. As. Soc. Ben., xxv, 1856, p. 397 : Ann. Mag. N. H., (2s.) xix, 1857, p. 243.
limbatus, Dejean, Spec., ii, 1826, p. 306.
 Hab. India, Bengal, Kandy & Colombo (Bates), ? Java.
- contractus*, Chaudoir, *Mon.*, p. 202.
 Hab. Dekhan.
- convexus*, Fairmaire, Ann. Soc. Ent. Fr., (6s.) vi, 1886, p. 310.
 Hab. Yunnan.
- costiger*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 258 ; *Mon.*, p. 95 : Bates, Trans. Ent. S. Lond., 1873, p. 253.
 Hab. Hongkong, Formosa, Yangtse Valley, Japan.
- crebrepunctatus*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 204 ; *id.*, *Mon.*, p. 55.
 Hab. N. India.
- culminatus*, Bates, Trans. Ent. S. Lond., 1873, p. 251.
 Hab. ? Hongkong, Chekiang, Japan.
- cupreolineatus*, Chaudoir, *Mon.*, p. 168.
 Hab. Siam, Bangkok.
- cyaneonitens*, Fairmaire, Ann. Soc. Ent. Fr., (6s.) vi, 1886, p. 310.
 Hab. Yunnan.
- cyanoceps*, Bates, Trans. Ent. S. Lond., 1873, p. 325 : Chaudoir, *Mon.*, p. 278.
 Hab. Hongkong.
- dilatatus* (*Poecilostus*), Motsch., Bull. Mosc., xxxvii (3), 1864, p. 348 : Chaudoir *Mon.*, p. 157.
 Hab. India, Dekhan.
- distigma*, Chaudoir, *Mon.*, p. 49.
 ? = *aspericollis*, Bates, Trans. Ent. S. Lond., 1873, p. 248.
 Hab. Singapur.
- Dorise*, Chaudoir, *Mon.*, p. 137.
 Hab. Siam, Bangkok.
- ducalis*, Chaudoir, *Mon.*, p. 155.
 Hab. India, Dekhan, Rangoon.
- Duvaucelli* (*Epomis*), Dejean, Spec., v, 1831, p. 668 : Motsch., Bull. Mosc., xxxvii (3), p. 344 : Chaudoir, *Mon.*, p. 122.
 Hab. India, Bengal.
- extremus*, Chaudoir, *Mon.*, p. 112.
 ? = *postscriptus*, Bates, *q. v.*
 Hab. Hongkong.
- femoratus*, Dejean, Spec., ii, 1826, p. 328 : Chaudoir, *Mon.*, p. 93, 94.
flavofemoratus, Casteln., Et. Ent., p. 81, t. 1, f. 3 : Chaud., Bull. Mosc., xxix (3), 1856, p. 244.
 Hab. Java.
- frater*, Chaudoir, *Mon.*, p. 261 : Bates Ann. Mag. N. H., (5s) xvii, 1886, p. 74.
 Hab. India, Malabar : ? Colombo (Bates).

- ? *fusco-marginatus*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 345.
Hab. India.
- fugax*, Chaudoir, *Mon.*, p. 266.
Hab. N. India.
- germanus*, Chaudoir, *Mon.*, p. 199.
Hab. Laos.
- Gestroi*, Chaudoir, *Mon.*, p. 51.
Hab. Malacca, Macao.
- guttula*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 216; *Mon.*, p. 281.
Hab. Hongkong.
- hamatus*, Eschsch., Zool. Atlas, v, 1831, p. 26; Dej. Spec., v, p. 638; Chaudoir, *Mon.*, p. 63.
Hab. Philippines.
- impressicollis*, Chaudoir, *Mon.*, p. 236.
Hab. N. India.
- inops*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 239; *id.*, *Mon.*, p. 262.
arcuaticollis, Motsch., Et. Ent., 1860, p. 7.
vestitus, Morawitz, teste Chaudoir, *Mon.*, l.c.
Hab. Formosa, Yangtse Valley, Chusan, Japan, Korea, Manchuria.
- javanus*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 229; *Mon.*, p. 115.
Hab. Malaya, Java.
- Lafertei*, Guerin, Voy. Deless., 1843, p. 36; Chaudoir, *Mon.*, p. 86.
centromaculatus, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 218.
diffinis, Laferte, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 241.
maculipennis, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 341.
Hab. India, Bengal, Pondicherry.
- laetiusculus*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 248; *Mon.*, p. 264.
Hab. N. India, Ceylon. [*Ind. Mus.*, Kargil, Turkistán].
- laevipennis*, Chaudoir, *Mon.*, p. 196.
Hab. Dekhan.
- leucotus* (*Harpalus*), Wiedemann, Zool. Mag., ii (i), 1823, p. 52; Chaudoir, *Mon.*, p. 71.
aeruginosus, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 271.
Hab. N. India, Colombo, Philippines, Cochinchina, Ceram.
- limbicollis*, Chaudoir, *Mon.*, p. 41.
Hab. Dekhan, Formosa.
- luteicanda*, Chaudoir, *Mon.*, p. 201.
Hab. Dekhan.
- luzonicus*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 261; *Mon.*, p. 159.
Hab. Philippines (Luzon).
- lynx*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 199; *Mon.*, p. 50.
Hab. Hongkong.
- macropus*, Chaudoir, *Mon.*, p. 140.
Hab. Dekhan.

- maculatus**, Dejean, Spec., ii, 1826, p. 300 : Chaud., *Mon.*, p. 99.
Hab. Dekhan, Siam.
- marginifer**, Chaudoir, *Mon.*, p. 118.
marginatus, Dejean, Spec., ii, 1826, p. 305 (*neo* Rossi).
Hab. India.
- medioguttatus** (*Lissauchenius*), Chaudoir, *Mon.*, p. 35.
Hab. Dekhan, Burma.
- melanopterus**, Chaudoir, *Mon.*, p. 226.
Hab. Siam, Ceylon (Peradeniya).
- micans** (*Carabus*), Fabr. Ent. Syst., i, 1792, p. 157; Syst. Eleuth., i, 1801, p. 151 :
Chaudoir, Bull. Mosc., xxix (3), 1856, p. 201, 206; *id.*, *Mon.*, p. 62.
hamifer, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 209; *Mon.*, p. 62 : Bates,
Trans. Ent. S. Lond., 1873, p. 247.
Hab. India, Zanzibar, [*Ind. Mus.*, Calcutta].
- micans**, MacLeay, Annul. Javan., 1825, p. 14 (*neo* Fabr.) : Chaud., *Mon.*, p. 52.
Hab. Java.
- Meuhoti**, Chaudoir, Col. Novit., i, 1883, p. 34.
Hab. Laos.
- mutatus**, Gemm. & Har., Mun. Cat., p. 222 : Chaudoir, *Mon.*, p. 52.
apicatis, MacLeay, Annul. Javan., 1825, p. 14 (*neo* Wiedl.).
Hab. Java.
- naviger**, Morawitz, Bull. Acad. St. Petersburg, 1862, p. 324; *id.*, Beitr. Käferfaun.
Ins. Jesso, p. 33, t. 1, f. 16 : Bates, Trans. Ent. S. Lond., 1873, p. 246 : Chaud.,
Mon., p. 273.
Hab. Ningpo, Hangkow, Nagasaki.
- neelghertensis**, Guérin, Rev. Zool., 1840, p. 38 : Chaudoir, Bull. Mosc., xxix (3), 1856,
p. 206 : *id.*, *Mon.*, p. 54.
bilunatus, Guérin, Voy. Deless., 1843, p. 36.
binotulatus, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 341.
formosus, Chaudoir, Bull. Mosc., xix (3), 1856, p. 206.
maleolens, Nietner, Journ. As. Soc. Ben., xxvi, 1857, p. 148; Ann. Mag., (2s.)
xx, 1857, p. 371.
Hab. Bengal, Nilgiris, Tranquebar, ? Zanzibar.
- nepalensis**, Hope, Gray, Zool. Misc., 1831, p. 21.
concinuus (*Barymorphismus*), Laferté, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 236.
Mollyi (*Diaphoropophus*), Chaudoir, Bull. Mosc., xxiii (2), 1850, p. 407; *ib.*,
(2), 1856, p. 213; *id.*, (*Rhysotrachelus*), *Mon.*, p. 30.
planicornis (*Barymorphismus*), Laferté, Ann. Soc. Ent. Fr., (2s.) ix, 1851,
p. 236.
Swinhoei, Bates, Proc. Zool. S. Lond., 1866, p. 342.
Hab. India, Bengal, Malabar, Ceylon, Formosa [*Ind. Mus.*, China,
Calcutta].
- nigricans**, Wiedemann, Germar, Mag. Ent., iv, 1821, p. 110, 6 : (*Epomis*) Dejean,
Spec., ii, p. 371 : Chaudoir, *Mon.*, p. 126.
culminatus, Bates, Trans. Ent. S. Lond., 1873, p. 251.

- rugicollis* (*Epomis*), Laferté, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 253, note 1.
Hab. Hongkong, Chekiaug, Formosa, 1854, ? Java.
- nigricoxis*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 339 : Chaud., *Mon.*, p. 94.
Hab. Hongkong.
- nigrispennis*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 250 ; *Mon.*, p. 225.
Hab. N. India.
- nitidicollis*, Dejean, Spec. ii, 1826, p. 314 : Chaud., p. 117.
Hab. Bengal [*Ind. Mus.*, Sikkim].
- opacispennis*, Chaudoir, *Mon.*, p. 176.
Hab. Bengal.
- orbicollis* (*Ocybatus*), Chaudoir, *Mon.*, p. 40.
Hab. Nilgiris.
- pachysomus*, Chaudoir, *Mon.*, p. 117.
Hab. Siam.
- panagaecoides* (*Homalolohmus*), Laferté, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 235 :
Chaudoir, *Mon.*, p. 28.
Hab. India, Malabar.
- parallelus*, Dejean, Spec., v, 1831, p. 627 : Chaud., *Mon.*, p. 69.
Dohrnii, Nietner, Journ. As. Soc. Beng., xxvi, 1857, p. 149 ; Ann. Mag. N.
H., (2s.) xx, 1857, p. 372.
Hab. Coromandel, Ceylon, Colombo.
- pericallus*, Redtenb., Reise Novara, Zool. ii, Col., 1867, t. I, f. 4 : Chaud., *Mon.*, p.
286 : Bates, Trans. Ent. S. Lond., 1873, p. 249.
pulcher, Redtenb., *l.c.*, p. 10.
Hab. Hongkong, Kiukiang on Yangtsekiang (Bates), Japan (Osaka).
- phaenoderus*, Chaudoir, *Mon.*, p. 161.
? = *glabricollis*, Motschulsky, Bull. Mosc., xxxvii (3), 1864, p. 348.
Hab. Dekhan.
- pictus*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 208 ; *id.*, *Mon.*, p. 62 : Bates, Trans.
Ent. S. Lond., 1873, p. 247.
? = *Schönherrii*, Dejean, *q. v.*
Hab. N. India to N. China.
- pleuroderus*, Chaudoir, Col. Novit., 1883, p. 30.
Hab. India.
- posticalis*, Motschulsky, Et. Ent., 1853, p. 44 ; *id.*, Bull. Mosc., xxxvii (3), 1864, p.
340 : Chaud., *Mon.*, p. 273.
rosses, Morawitz, Beitr. z. Käfer Faun. Jesso. 1863, p. 32, t. 1, f. 15.
semipurpureus, Motsch., Bull. Mosc., *l.c. supra*, p. 340.
Hab. N. China, ? Canton.
- posticus* (*Carabus*), Fabr., Ent. Syst. Suppl., 1798, p. 57 ; *id.*, Syst. Eleuth., i, p.
191 : Chaud., *Mon.*, p. 55.
Hab. India.
- postscriptus*, Bates, Trans. Ent. S. Lond., 1873, p. 326 : Chaud., *Mon.*, p. 113, 156.
Hab. Hongkong.

- pratensis**, Chaudoir, *Mon.*, p. 210.
Hab. Shanghai, ? Canton.
- pretiosus**, Chaudoir, Bull. Mosc., xxix (9), 1856, p. 288 ; *id.*, *Mon.*, p. 178.
Hab. N. India.
- prostenus**, Bates, Trans. Ent. S. Lond., 1873, p. 325 ; 1883, p. 235 : Chaudoir, *Mon.*, p. 259.
Hab. Kiukiang on Yangtse river, Japan.
- proximus**, Chaudoir, *Mon.*, p. 113.
Hab. Dekhan.
- pudivus?** (*Carabus*), Fabr., Syst. Eleuth., i, 1801, p. 193 : Chaud., *Mon.*, p. 280.
malaohinus (*Callistoidea*), Motsch., Bull. Mosc., xxxvii (3), 1864, p. 236.
Hab. Bengal.
- pugni**, Camerano, Atti R. Acad. Soc. Turin., xiv, 1878, p. 146 : Gestro, Ann. Mus. Civ. Gen., xviii, 1882, p. 306.
Hab. Burma, Mandalay.
- punctatostriatus**, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 244 : *id.*, *Mon.*, p. 91.
Hab. N. India.
- puncticollis**, Dejean, Spec., ii, 1826, p. 315 : Chaudoir, *Mon.*, p. 196.
Hab. Bengal, N. India.
- quadricolor** (*Carabus*), Olivier, Enc. Méth., v, 1790, p. 344 ; *id.*, Ent., iii, 35, p. 77, t. 10, t. 111 : Fabr., Syst. Eleuth., i, p. 180 : Dejean, Spec., ii, p. 317 : Schaum, Stettin Ent. Zeit., 1847, p. 44 ; Chaudoir, *Mon.*, p. 154.
chaenoides (*Amblygenus*), Laferté, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 263, ♀.
orientalis, Dejean, Spec., ii, 1826, p. 339.
? laevicollis (*Poecilostus*), Motsch., Bull. Mosc., xxxvii (4), 1864, p. 348.
Hab. India, Tranquebar, Bengal, Java [*Ind. Mus.*, Sikkim].
- rudesculptus**, Chaudoir, *Mon.*, p. 136.
Hab. Siam.
- ruffemoratus** (*Lissauohenius*), MacLeay, Annul. Javan., 1825, p. 13, t. 1, f. 1 : Chaud., Bull. Mosc., xxix (3), 1856, p. 198 : *Mon.*, p. 35.
Hab. Java, Bangkok, India.
- rufithorax**, Wiedemann, Germ., Mag. Ent., iv, 1821, p. 112 : Dejean, Spec. ii, p. 323 : Chaudoir, *Mon.*, p. 259.
Hab. India.
- rugulosus**, Nietner, Journ. As. Soc. Beng., xxv, 1856, p. 388 ; Ann. Mag. N. H., (2s.) xix, 1857, p. 243 : Bates, *id.*, (5s.) xvii, 1886, p. 74 : Chaud., *Mon.*, p. 90.
Hab. Ceylon, Negumbo (*Nietn.*) : Kandy, Peradeniya (*Bates*).
- scapularis**, Chaudoir, *Mon.*, p. 98.
Hab. Bengal.
- Schönherrii** (*Vertagus*), Dejean, Spec., v, 1831, p. 611 : Chaud., *Mon.*, p. 32.
? pictus, Chaudoir, *g. n.*
Hab. India, Africa.

- semperii*, Chaudoir, *Mon.*, p. 92.
Hab. Philippines.
- sericimicans*, Chaudoir, *Mon.*, p. 235.
Hab. China, Hongkong.
- sinensis*, Chaudoir, Bull. Mosc. xxix (3), 1856, p. 263 : *Mon.*, p. 162.
Hab. Hongkong, Shanghai.
- sinuatus*, Dejean, Spec., ii, 1826, p. 321 : Chaudoir, *Mon.*, p. 194.
Hab. India.
- sobrius*, Dejean, Spec., ii, 1826, p. 316 : Chaudoir, *Mon.*, p. 197.
Hab. India.
- spathulifer* (*Vertagus*), Bates, Trans. Ent. S. Lond., 1873, p. 324 ; Chaud., *Mon.*,
p. 43.
Hab. China.
- spoliatus* (*Carabus*), Rossi, Fauna Etrusc., i, 1790, p. 33 : Chaudoir, *Mon.*, p. 88.
var. *indertiensis*, Motsch., l.c., p. 346 [*Ind. Mus.*, Kargil, Turkistan].
,, *nicanus* (*Chlaenius*), Motsch., Bull. Mosc., xxxvii (4), 1864, p. 346 : Bates,
Trans. Ent. S. Lond., 1873, p. 249.
Hab. Europe, N. Africa, Yangtse Valley, Japan.
- stenoristus*, Chaudoir, *Mon.*, p. 265.
Hab. India, Malabar.
- ? *subhamatus*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 211 : Bates, Trans. Ent. S.
Lond., 1873, p. 248.
Hab. Klukiang on Yangtse, Japan.
- submarginatus*, Chaudoir, *Mon.*, p. 235.
Hab. N. India, Rangoon.
- sykesii*, Hope, Trans. Zool. S. Lond., 1838, p. 98, t. 13, f. 2.
Hab. India, Puna.
- tetragonoderus*, Chaudoir, *Mon.*, p. 68.
Hab. Sumatra, Macassar.
- trinotatus*, Chaudoir, *Mon.*, p. 179.
Hab. N. India.
- varicoloris*, Morawitz, Käfer Jesso, 1863, p. 35, t. 1, f. 17 : Bates, Trans. Ent. S. Lond.,
1873, p. 252 : Chaud., *Mon.*, p. 267.
Hab. China, Japan.
- vartipes*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 268 : *Mon.*, p. 87.
Hab. N. India.
- velocipes*, Chaudoir, *Mon.*, p. 266.
Hab. Bengal (Dacca), Siam, Ceylon (Dikoya), Nilgiris.
- virgulfifer*, Chaudoir, *Mon.*, p. 61.
? *piotus*, Bates, Trans. Ent. S. Lond., 1873, p. 247.
Hab. Hongkong, N. China, ? Japan.
- viridanus*, Motsch., Bull. Mosc., xxxvii (3) 1864, p. 339 : Chaud., *Mon.*, p. 223.
Hab. India.

- viduus*, Chaudoir, *Mon.*, p. 176.
Hab. N. India.
- vulneratus*, Dejean, Spec., v, 1831, p. 624 : Chaudoir, Bull. Mosc., xxix (3), 1856, p. 203 ; *id.*, *Mon.*, p. 52.
Hab. N. India, Bengal.
- xanthacrus*, Wiedemann, Zool. Mag., (ii) i, 1823, p. 51 : Dejean, Spec. ii, p. 323 : Chaud., *Mon.*, p. 8. (gen. dub. ? *Lachnophorus*).
Hügelii, Redtenb., Reise Novara, Zool. ii, Col., 1867, p. 9, t. 1, f. 3.
Hab. Bengal, Calcutta.
- xanthopleurus*, Chaudoir, Bull. Mosc., xxix (3), 1856, p. 230 ; *id.*, *Mon.*, p. 115.
Hab. Hongkong, Formosa, Chusan, N. China, Japan.
- xanthospilus* (*Carabus*), Wiedemann, Germar, Mag. Ent., iv, 1821, p. 115 : Chaud., *Mon.*, p. 285.
quinquemaoulatus, Nietner, Journ. As. Soc. Ben., xxv, 1856, p. 336 ; *id.*, Ann. Mag. N. H., (2 s.) xix, 1857, p. 242.
Hab. Dekhan, Ceylon, Siam.

Genus **PENTHIMUS.**

- Mun. Cat., p. 229 : Chaudoir, Ann. Mus. Civ. Gen., viii, 1876, p. 291.
Ceroglossus, Chaudoir, Bull. Mosc., xxx (3), 1857, p. 192 (*nec* Solier).
Harpoglossus, Motschulsky.
- opacus* (*Ceroglossus*), Chaudoir, Bull. Mosc., xxx (3), 1857, p. 6.
Hab. N. India.

Genus **HOLOLIUS.**

- Laferté Senect., Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 274 : Lacord., Gen. Col., i, p. 227 : Mun. Cat., p. 230 : Chaudoir, Bull. Mosc., xxx (3), 1857, p. 9 ; *id.*, Ann. Mus. Civ. Gen., viii, 1876, p. 290 ; Col. Nov., 1883, p. 37.
Hololius, Laferté Senect., *l.c. supra.*
- nitidulus* (*Chlaenius*) Dejean, Spec., ii, 1826, p. 341 : Laferté, *l.c. supra.*
ceylanicus, Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 385 ; *id.*, Ann. Mag. N. H., (2s.) xix, 1857, p. 241 ; Bates, *ib.*, (5s.) xvii, 1886, p. 75.
var. *punctulatus*, Chaudoir, Bull. Mosc., xxx (3), 1857, p. 10 ; *id.*, Ann. Mus. Civ. Gen., viii, p. 291.
Hab. India, Ceylon, Kandy, Hongkong.

Genus **RHOPALISTES.**

- Mun. Cat., p. 230 : Chaudoir, Ann. Mus. Civ. Gen., viii, 1876, p. 291.
Rhopalopalpus, Laferté Senect., Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 262 : Chaudoir, Bull. Mosc., xxx (3), 1857, p. 11.
- janthinus* (*Chlaenius*), Redtenb., Hügel's Kaschm., iv (2), 1844, p. 500 : Chaudoir, Ann. Mus. Civ. Gen., viii, p. 292.
poculoides, Laferté, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 262 : (*Rhopalopalpus*) Chaudoir, Bull. Mosc., xxx (3), 1857, p. 11, ♀.
Hab. N. India, Kashmir.

Genus **PRISTOMACHAERUS.**

Bates, *Trans. Ent. S. Lond.*, 1873, p. 323.

chalcoccephalus (*Panagæus*), Wiedemann, *Zool. Mag.*, ii (i), 1823, p. 57 : Schaum, *Berlin Ent. Zeits.*, vii, 1863, p. 433 : Chaudoir, *Ann. Soc. Ent. Belg.*, xxi, 1878, p. 84.

chlorocephalus, Kollar, *Ann. Mus. Wien.* i., 1836, p. 335, t. 31, f. 4-6.

Hab. N. India [*Ind. Mus.* ? Jhelam Valley].

Mesiti, Bates, *Trans. Ent. S. Lond.*, 1873, p. 324.

Hab. Hongkong.

quadricolor, Putzeys, *Stettin. Ent. Zeit.*, xxxviii, 1877, p. 101.

Hab. Darjiling.

quadriguttatus, Putzeys, *l.c.*, p. 101.

Hab. Darjiling.

Genus **CALLISTUS.**

Bonelli, *Obs. Ent.*, 1809, tab. syn. : Lacord., *Gen. Col.*, i, p. 374 : *Mun. Cat.*, p. 213 : Chaudoir, *Bull. Mosc.*, xxiii (2), 1850, p. 395 ; *id.*, xlv (i), 1872, p. 384 : Schaum, *Berlin Ent. Zeits.*, vii, 1863, p. 85.

Callistomimus, Chaudoir, *Bull. Mosc.*, xlv (i), 1872, p. 382.

coarctatus, Laferté, *Ann. Soc. Ent. Fr.*, (2s.) ix, 1851, p. 230.

littoralis, Motschulsky, *Et. Ent.*, 1859, p. 33.

Westwoodii, Schaum, *Berlin Ent. Zeits.*, vii, 1863, p. 85.

Hab. N. India, Tranquebar, Ceylon.

Dicksonii (*Callistomimus*), Waterhouse, *Ann. Mag. N. H.*, (5s.) xiv, 1884, p. 429.

Hab. Formosa.

modestus, Schaum, *Berlin Ent. Zeits.*, vii, 1863, p. 85 : Chaudoir, *Bull. Mosc.*, xlv (i), 1872, p. 382 : Bates, *Trans. Ent. S. Lond.*, 1873, p. 246 : Fairm., *Ann. Soc. Ent. Fr.*, (6 s.) viii, 1888, p. 336.

Hab. Tonkin, China, Hongkong, Canton, Nagasaki.

suturalis, Fleutiaux, *Ann. Soc. Ent. Fr.*, (6s.) vii, 1887, p. 61, t. 4, f. 2.

Hab. Annam, Hué.

Div. OODINI:—Chaudoir, *Bull. Mosc.*, xxx (3), 1857, p. 13 ; *id.*, *Monograph*, *Ann. Soc. Ent. Fr.*, (6s.) ii, 1862, p. 317, 485.

Genus **ANATRICHIS.**

Lecoate, *Trans. Ann. Phil. Soc.*, x, 1853, p. 391 : Chaudoir, *Bull. Mosc.*, xxx (3), 1857, p. 21 ; *id.*, *Mon.*, *l.c. supra*, p. 318 : Bates, *Biol. Centr. Amer.*, Col., i (i) p. 269.

Oodinus, Motschulsky, *Bull. Mosc.*, xxxvii (4), 1864, p. 352.

Oodes, pt, Dejean, *Spec.*, v, p. 677.

indicus, Chaudoir, *Mon.*, p. 320.

Hab. Dekhan.

pedinoides, Chaudoir, *Mon.*, p. 321.

Hab. India.

Genus **SYSTOLOCRANIUS.**

Chaudoir, Bull. Mosc., xxx (3), 1857, p. 23 ; *id.*, *Monograph*, Ann. Soc. Ent. Fr., (6a) ii, 1882, p. 326 : Mun. Cat., p. 231.

Chaenius, Boheman.

Oodes, Wiedemann, Eschscholtz, Dejean, Gory, Laferté.

Inea (*Oodes*), Wiedemann, Germar Mag. Ent., iv, 1821, p. 113 ; Chaudoir, *Mon.*, p. 331.

grandis (*Oodes*), Dejean, Spec., ii, 1826, p. 376.

Hab. India. Bengal.

sulcatus, Eschsch., Zool. Atlas., v, 1829, p. 28 : Chaud., *Mon.*, p. 335 : *id.*, (*nee* Laferté), Bull. Mosc., xxx (3), 1857, p. 25. (*sp. dub.*)

Hab. Philippines, Manilla.

Genus **ODES.**

Bonelli, Mem. Acad. Turin, 1809, *tab. syn.* : Lacord., Gen. Col., i, p. 229 ; Mun. Cat., p. 231 : Chaudoir, Bull. Mosc., xxx (3), 1857, p. 25 ; *id.*, *Monograph*, Ann. Soc. Ent. Fr., (6a) ii, 1882, p. 341 : Horn, Gen. Carab., p. 172.

Lonchosternus, Laferté, Ann. Soc. Ent. Fr., (2a) ix, 1851, p. 267 : Lacord., Gen. Col., i, p. 231.

Stenocrepis, Chaudoir, Bull. Mosc., xxx (3), 1857, p. 45 ; Mun. Cat., p. 234.

Stenus, Chaudoir, Bull. Mosc., xxx (3), 1857, p. 39 : Mun. Cat., p. 233.

chalcus, Chaudoir, Bull. Mosc., xxx (3), 1857, p. 30 ; *Mon.*, p. 357.

nepalensis, Motsch., Et. Ent., 1858, p. 171 ; Bull. Mosc., xxxvii (4), 1864, p. 353.

subolivaceus, Laferté, Ann. Soc. Ent. Fr., (2a) ix, 1851, p. 271, note 4.

Hab. Nepál, N. India.

ooelestinus, Chaudoir, *Mon.*, p. 363.

Hab. Borneo, Sarawak.

parallelus, Laferté, Ann. Soc. Ent. Fr., (2a) ix, 1851, p. 271, note 5 : Chaudoir, *Mon.*, p. 347.

Hab. N. India, Dekhan, Malacca.

piceolus, Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 93.

Hab. China, Fokien.

piceus, Nietner, Journ. As. Soc. Ben., xxv, 1856, p. 526 ; *id.* Ann. Mag. N. H., (2a) xix, 1857, p. 377.

vilis, Chaudoir, Bull. Mosc., xxx (3), 1857, p. 33 ; *Mon.*, p. 369.

Hab. Assam, Tranquebar, Ceylon, Siam, China, Macassar.

siamensis, Chaudoir, *Mon.*, p. 358.

Hab. Siam, Bangkok.

subortiacus, Chaudoir, *Mon.*, p. 362.

Hab. Malacca.

variana, Chaudoir, *Mon.*, p. 352.

Hab. Bengal.

virens, Wiedemann, Zool. Mag., ii (1), 1823, p. 60.

Hab. Bengal.

- Westermanni*, Laferté, Ann. Soc. Ent. Fr., (2a.) ix, 1851, p. 271, note 2 : Chaud., Bull. Mosc., xxx (3), 1857, p. 81 ; *Mon.*, p. 368.
hispanicus (*Oodes*), pt. Dejean, Spec., ii, 1826, p. 379.
 Hab. India, Bengal, Dekhan.

Genus **SIMOUS.**

- Chaudoir, *Monograph*, Ann. Soc. Ent. Fr., (6a.) ii, 1882, p. 373.
aeneus, Laferté, Ann. Soc. Ent. Fr., (2s.) ix, 1851, p. 270, note 4 : Chaud., *Mon. l.c. supra*, p. 375.
 Hab. Java.
incidus (*Oodes*), Chaudoir, Rev. Mag. Zool., (2a.) xxi, 1869, p. 76 ; *Mon.*, p. 376.
 Hab. Siam, Annam, Cambodia.
Mouhotii, Chaudoir, Rev. Mag. Zool., (2a.) xxi, p. 76 ; *Mon.*, p. 373.
 Hab. Laos.
nigriceps (*Oodes*), Wiedemann, Germar, Mag. Ent., iv, 1821, p. 114 : Chaudoir, *Mon.*, p. 375.
pulcher (*Oodes*), Dejean, Spec., ii, 1826, p. 375.
 Hab. India.

Genus **LACHNOCREPIS.**

- Lecoute, Trans. Am. Phil. S., x, 1853, p. 391 : Lacord., Gen. Col., i, p. 394 : Mun. Cat., p. 230 : Chaudoir, *Monograph*, Ann. Soc. Ent. Fr., (6a.) ii, 1882, p. 377.
japonicus, Bates, Trans. Ent. S. Lond., 1873, p. 255 : Chaudoir, *Mon.*, 378.
 Hab. Yangtse Valley, Japan.

Genus **HOLCOCOLEUS.**

- Chaudoir, Ann. Soc. Ent. Fr., (6s.) ii, 1882, p. 521.
Oodes, Laferté, Chaudoir, *oltm.*
sulcatus (*Oodes*), Chaudoir, Bull. Mosc., xxx (3), 1857, p. 38 ; *id.*, *Mon.*, *l.c. supra*, p. 522.
latus (*Oodes*), Laferté, Ann. Soc. Ent. Fr., (2a.) ix, 1851, p. 269, note 2.
 Hab. Nilgiria.

Genus **MELANODES.**

- Chaudoir, *Monograph*, Ann. Soc. Ent. Fr., (6a.) ii, 1882, p. 545.
Oodes, Erichson : *Chlaenius*, Laferté : *Poecilus*, Reiche : *Feronia*, Klug.
pernitidus, Chaudoir, *Mon.*, *l.c.*, p. 550.
 Hab. Dekhan, Rangoon.
subelongatus, Chaudoir, *Mon.*, *l.c.*, p. 550.
 Hab. Dekhan.

Genus **PATELLUS.**

- Chaudoir, *Monograph*, Ann. Soc. Ent. Fr., (6a.) ii, 1882, p. 551 : Zool. Jahr., Arthz., 1883, p. 212.
crimostoides, Chaudoir, *Mon.*, *l.c. supra*, p. 553.
 Hab. Burma.
FARRINI :—Horn, Gen. Carab., p. 173.

Genus **ZABRUS.**

Clairville, Ent. Helv., ii, 1806, p. 80 : Zimmermann, Monograph Carabiden, 1831 :
 Lacord., Gen. Col., i, p. 330 : Schaum, Revision, Berlin. Ent. Zeits., 1864, p. 174 :
 Mun. Cat., p. 334 : Horn, Gen. Carab., p. 174.

Pelor, Bonelli, Mém. Acad. Turin., Obs. Ent., 1813. tab.

Pelorosomus, Motschulsky.

Polysitus, Zimmermann, Mon. Carab., 1831, p. 8.

chinensis, Fairmaire, Ann. Soc. Ent. Fr., (6s.) vi, 1886, p. 313.

Hab. Yunnan.

HARPALINI, Horn, Gen. Carab., p. 174 : Leconte & Horn, Class. Col., p. 52.

Anisodactylides, pt, Lacordaire, Gen. Col., i, p. 268.

Cratocerides, pt, Lacordaire, l.c., p. 257.

? *Ditomides*, pt, Lacordaire, l.c., p. 165.

Harpalides, Lacordaire, l.c., p. 285.

Horn (l.c. *supra*) divides this tribe into *Daptii*, *Glyptii*, *Harpali*, and *Anisodactylii*.

Genus **LIODAPTUS.**

Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 102.

birmanus, Bates, l.c., p. 102.

Hab. Burma, Bhamo, Mandalay.

Genus **BARYSOMUS.**

Dejean, Spéc., iv, 1829, p. 56 : Lap. de Casteln., Hist. Nat. Ins., i, p. 94 : Lacord.,
 Gen. Col., i, p. 290 : Mun. Cat. p. 261 : Bates, Biol. Centr. Amer., Col., i (1), p. 67.

Oosoma, Nietner, Journ. As. Soc. Bang., xxvi, 1857, p. 144 ; Ann. Mag.
 N. H., (2s.) xx, 1857, p. 368.

Gyllenhalli, Dejean, Spéc., iv, 1829, p. 59. : Lap. de Casteln., Hist. Nat. Ins., i,
 p. 95.

arenarius (*Oosoma*), Nietner, Journ. As. Soc. Ben., xxvi, 1857, p. 146 ;
 Ann. Mag. N. H., (2s.) xx, 1857, p. 370.

Hab. India, Ceylon, Colombo (Bates).

semivittatus (*Carabus*), Fabr., Syst. Eleuth., i, 1801, p. 201 : Dejean, Spéc., iv, p.
 60 : Lap. de Casteln., l.c. *supra*, p. 95.

Gerstaeckeri, Nietner, Journ. As. Soc. Ben., xxvi, 1857, p. 147 ; Ann. Mag.
 N. H., (2s.) xx, 1857, p. 370.

Hab. India, Ceylon.

subcensus (*Amara*), MacLeay, Annul. Javan., 1825, p. 21.

Hab. Java.

subolivaceus (*Amara*), MacLeay, l.c., p. 21.

Hab. Java.

tricolor (*Amara*), MacLeay, l.c., p. 21.

Hab. Java.

Genus **BRADYBAENUS.**

Dejean, Spéc., iv, 1829, p. 160 : Lacord., Gen. Col., i, p. 292 : Mun. Cat., p. 261.

Calodromus, Nietner, Ann. Mag. N. H., (3s.) ii, 1859, p. 181.

festivus, Dejean, Spec., iv, 1829, p. 163 : Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 77.

æornatus (*Calodromus*), Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 181.

ornatus, Redtenb., Reise Novara, Zool. ii, Col., 1867, p. 14, t. 1, f. 8.

Hab. Ceylon, Kandy (*Bates*).

Genus **HYP SINEPHUS.**

Bates, Proc. Zool. S. Lond., 1878, p. 715.

ellipticus, Bates, *l.c.*, p. 716.

Hab. N. W. Himalaya, Pangong Valley [*Ind. Mus.*, type].

Genus **PANGUS.**

Leconte, Trans. Am. Philad., x, 1853, p. 385 : Lacord., Gen. Col., i, p. 295 : Mun. Cat., p. 267.

infans, Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 204 (*gen. dub.*).

Hab. Ceylon.

orientalis (*Selenophorus*, *Pangus*), Dejean, Spec., iv, 1829, p. 128.

Hab. India.

quadricollis, Kollar, Hügel's Kaschm., iv (2), 1844, p. 502.

Hab. Kashmir.

Genus **HYPOLITHUS.**

Dejean, Spec., iv, 1829, p. 166 : Lacord., Gen. Col., i, p. 295 : Mun. Cat., p. 268.

javanus, Gory, Ann. Soc. Ent. Fr., 1833, p. 241.

Hab. Java.

perlucens, Bates, Proc. Zool. S. Lond., 1878, p. 715.

Hab. India, Jhelam Valley [*Ind. Mus.*, type].

Genus **HARPALUS.**

Latreille, Hist. Nat. Ins., viii, 1804, p. 325 : Lacord., Gen. Col., i, p. 295 : Mun. Cat., p. 272 : Horn, Gen. Carab., p. 181.

Atephilius, Motschulsky, Bull. Mosc., xxxviii (3), 1864, p. 208.

Amblysius, Motschulsky, *l.c.*, p. 209.

Artabas, Gozis, Mt. Schw. Ent. Ges., 1883, p. 287.

Bioderus, pt, Motschulsky, Käfer Russl., 1850, t, vii.

Conicus, Motschulsky, Bull. Mosc., xxxviii (3), 1864, p. 209.

Erpeinus, Motschulsky, *l.c.*, p. 208.

Harpalidium, Kolbe, Berlin Ent. Zeits., 1883, p. 17.

Harpalodes, Motschulsky, *l.c. supra.*, p. 208.

Holorus, Motschulsky, Bull. Mosc., xxx (2), 1857, p. 496.

Ooistus, Motschulsky, *l.c.*, xxxvii (3), 1864, p. 209.

Phouginus, Motschulsky, *l.c.*, p. 209.

Platus, Motschulsky, Cat. Carab. Russ., 1850.

Pseudophonus, pt, Motschulsky, Ins. Sib., 1842, p. 196.

[This synonymy requires examination and revision].

- advolans*, Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 226 *id.*, Ann. Mag. N. H., (2a.)
xix, 1857, p. 377.
Hab. Ceylon.
- cephalotes (Pseudophonus)*, Motschulsky, Et. Ent., 1861, p. 3 ; Bull. Mosc., xxvii
(3), 1864, p. 214.
capito, Morawitz, Bull. Acad. St. Petersb., v, 1862, p. 359 : Bates, Trans.
Ent. S. Lond., 1873, p. 260.
Hab. Yangtse Valley, Nagasaki, Ussuri.
- chalcocentus*, Bates, *l.c. supra*, p. 263.
Hab. Canton, Yangtse Valley, Korea, Nagasaki.
- * *coeruleatus*, Bates, Proc. Zool. S. Lond., 1878, p. 714.
Hab. Yangi Hissar [*Ind. Mus.*, type].
- crates*, Bates, Trans. Ent. S. Lond., 1883, p. 239, note.
Hab. Hongkong, Yangtse Valley, Korea.
- cyaneocens*, Hope, Trans. Ent. S. Lond., iv, 1845, p. 15.
Hab. China.
- difficilis*, Hope, *l.c.*, p. 15.
Hab. China.
- griseus*, Panzer, Fauna Germ., 38, 1797 : Dejean, Spec., iv, p. 351 : Schaum, Naturges.
Ins., i, p. 584.
bicolor, Marshall, Ent. Brit., i, p. 436.
ryficornis, var., Illiger, Käfer Preuss., i, 1798, p. 171 : Morawitz, Beitr. z.
Käf. Jesso, i, p. 68.
var. *Reichet*, Desbrochers, Nat. Ent. Bourb., 1866, p. 42.
Hab. Europe, E. Siberia, Japan, China, Shanghai, ? Canton.
- indicola*, Bates, Proc. Zool. S. Lond., 1878, p. 714.
Hab. India, Murree [*Ind. Mus.*, type].
- laevistriatus*, Sturm, Abbild. Oliv. Ent. Käfer, 4, 1803, p. 80 t. 91, f. B.
Hab. India.
- leucops*, Wiedemann, Zool. Mag., ii (i), 1823, p. 52.
Hab. Bengal.
- * *lodes*, Bates, Proc. Zool. S. Lond., 1878, p. 715.
Hab. ? near Yarkand [*Ind. Mus.*, type].
- * *masoreides*, Bates, *l.c.*, p. 715.
Hab. Pamir [*Ind. Mus.*, type].
- melaneus*, Bates, *l.c.*, p. 714.
Hab. India, Murree, Sind Valley, Leh. [*Ind. Mus.*, type].
- punctilabris*, MacLeay, Annu. Javan., 1825, p. 20.
Hab. Java.
- punctulatus*, MacLeay, *l.c.*, p. 21.
Hab. Java.
- relucens*, Bates, Trans. Ent. S. Lond., 1873, p. 264.
Hab. Fuchau, Nagasaki.

- rugicollis** (*Plutus*), Motschulsky, Et. Ent., 1860, p. 5 : Harold, Abh. Nat. Ver. Bremen, iv, 1875, p. 285 ; Bates, Trans. Ent. S. Lond., 1883, p. 236.
japonicus, Morawitz, Bull. Acad. St. Petersb., v, 1862, p. 227 ; Beitr. z. Käfer Faun. Jesso, i, 1863, p. 69 ; Bates, *l.c. supra*, 1873, p. 261.
 Hab. Formosa, Fuchau, Shanghai, Yangtse Valley, Japan [*Ind. Mus.*, Murree].
- sinicus**, Hope, Trans. Ent. S. Lond., iv, 1845, p. 14.
 Hab. China.
- tinctulus**, Bates, Trans. Ent. S. Lond., 1873, p. 263.
 Hab. Canton, Yangtse Valley, Korea, Nagasaki.
- trechoides**, Hope, Trans. Ent. S. Lond., iv, 1845, p. 15.
 Hab. China.
- tridens**, Morawitz, Beitrag. Käfer. Faun. Jesso., i, 1863, p. 69 : Bates, Trans. Ent. S. Lond., 1883, p. 236.
 Hab. Canton, Japan.
- **turculus**, Bates, Proc. Zool. S. Lond., 1878, p. 714.
 Hab. ? near Yarkand [*Ind. Mus.*, type].

Genus **IRIDESSUS**.

- Bates, Trans. Ent. S. Lond., 1883, p. 240.
- relucens**, Bates, *l.c.*, 1873, p. 264 ; 1883, p. 240.
 Hab. Fuchau, Nagasaki.

Genus **GNATHAPHANUS**.

- MacLeay, Annul. Javan., 1825, p. 20 : Lacord., Gen. Col., i, p. 299 : Ohandoir, Ann. Mus. Civ. Gen., xii, 1878, p. 503 : Mun. Cat., p. 286.
- aereus**, Schaufuss, Horae Ent. Ross., xxi, 1897, p. 105.
 Hab. China, Macassar.
- subcoastatus**, Dejean, Spec., iv, 1829, p. 261 : Lacord., Gen. Col. i, p. 299.
 ? = *vulneripennis*, MacLeay, *q. v.*
 Hab. India [*Ind. Mus.*, Tenasserim].
- vulneripennis**, MacLeay, Annul. Javan., 1825, p. 20 : Hope, Col. Man., ii, t. 2, f. 2, *a-d* : Erichs., Wieg. Arch. (2), 1840, p. 317.
 Hab. India.

Genus **CARICUS**.

- Motsch., Bull. Mosc., xxxix (2), 1886, p. 394.
- testaceipes**, Motsch., *l.c.*, p. 394.
 Hab. Ceylon, Colombo.

Genus **STENOLOPHUS**.

- Dejean, Spec., iv, 1829, p. 405 ; Lacord., Gen. Col., i, p. 303 ; Mun. Cat., p. 290 : Horn, Gen. Carab., p. 181.
Acupalpus, Latreille, Règne Anim., (2ed.) iv, 1829, p. 391 : Lacord., Gen. Col., 1, p. 302 : Mun. Cat., p. 287.

- Anthracus*, Motschulsky, Bull. Mosc., xxxvii (4), 1864, p. 207. Balion, Schiödte.
- Egadroma*, Motschulsky, Et. Ent., 1855, p. 43 ; *id.*, *l.c. supra*, p. 201.
- Manicellus*, Motschulsky, Bull. Mosc., xxxvii (4), 1864, p. 207.
- Megrammus*, Motschulsky, Et. Ent., 1857, p. 26.
- Philodes*, Leconte, Class. Col., 1861, p. 33.
- apicalis* (*Egadroma*), Motsch., Bull. Mosc., xxxvii (4), 1864, p. 206.
Hab. India, Tranquebar.
- biplagiatus*, Bohem., Freg. Eug. Resa. Col., 1858, p. 12.
Hab. China.
- chalcus*, Bates, Trans. Ent. S. Lond., 1873, p. 270.
Hab. Yangtse Valley, Japan.
- connotatus*, Bates, *l.c.*, p. 327.
Hab. Yangtse Valley, Japan.
- yanellus*, Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 163.
Hab. Burma, Rangoon, Mandalay, Bhamo.
- derogatus* (*Acupalpus*), Walker, Ann. Mag. N. H., (2s.) ii, 1858, p. 204 : *ib.*, Bates, (5s.) xvii, 1886, p. 80.
Hab. Ceylon, Nuwara Eliya (*Bates*).
- gonidius*, Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 104.
Hab. Burma, Bhamo, Teintso, Thagata (Tenasserim).
- guttula* (*Acupalpus*), Dejean, Spec., v, 1831, p. 853.
Hab. India.
- inornatus* (*Acupalpus*), Bates, Trans. Ent. S. Lond., 1873, p. 268.
Hab. Yangtse Valley, Japan.
- iridicolor*, Redtenb., Reise Novara, Zool. ii, Col., 1867, p. 16.
Hab. Hongkong.
- lucidus* (*Stenolophus*), Dejean, Spec., iv, 1829, p. 419.
proximus, Falderm., Fauna Ent. Transcauc., iii, 1838, p. 86.
Hab. India, Caucasus.
- minimus* (*Acupalpus*), Dejean, Spec., iv, 1829, p. 483.
Hab. India.
- nitens* (*Egadroma*), Motsch., Bull. Mosc., xxxvii (4), 1864, p. 205.
Hab. Bombay.
- opaculus*, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 80.
Hab. Ceylon, Nuwara Eliya.
- polygenus*, Bates, *l.c.*, p. 79.
Hab. Ceylon, Nuwara Eliya.
- proximus* (*Stenolophus*), Dejean, Spec., iv, 1829, p. 420 ; *id.*, *l.c.*, t. 198, f. 4.
Hab. S. Russia, Japan, Shanghai.
- quinquepustulatus* (*Badister*), Wiedemann, Zool. Mag., ii (i), 1823, p. 58 : (*Scenolophus*) Dejean, Spec., iv, p. 414 : Bates, Trans. Ent. S. Lond., 1873, p. 270 ; Ann. Mag., N. H., (5s.) xvii, 1886, p. 79.

Hab. Japan, China, Yangtse Valley, Cochiuchina, Bengal, Ceylon, Colombo, (Bates).

smaragdulus (*Carabus*), Fabr., Ent. Syst. Suppl., 1798, p. 60 : (*Stenolophus*) Dejean, Spec., iv, 1829, p. 418 : Lap. de Casteln., Hist. Nat. Ins., i, p. 90 : (*Egadroma*), Motsch., Bull. Mosc., xxxvii (3), 1864, p. 205.

stolidus (*Harpalus*), Walker, Ann. Mag. N. H., (3s.) ii, 1853, p. 204.

vulneratus, Dejean, Spec., v, 1831, p. 852.

Hab. India, Ceylon.

splendida (*Egadroma*), Motsch., Bull. Mosc., xxxvii (3), 1864, p. 205.

Hab. Burma.

Genus **ANOPOGENIUS.**

Chaudoir, Bull. Mosc., xxv (i), 1852, p. 28 : Lacord., Gen. Col., i, p. 304 : Mun. Cat., 292.

? *Compsolepis*, Nietner.

Lepithrix, Nietner, Journ. As. Soc. Ben., xxvi, 1857, p. 151 : Ann. Mag., (2s.) xx, 1857, *l.c.*, p. 374.

Lowoncus, Schmidt Goebel, Faun. Col. Birm., 1846, on wrapper : Motsch., Bull. Mosc., xxxvii (4), 1864, p. 204.

circumcinctus, Motsch., Et. Ent., 1857, p. 26 : Bates, Trans. Ent. S. Lond., 1873, p. 269.

Hab. Yangtse Valley, Ningpo, Fuchau, Shanghai, Japan.

discophorus, Chaudoir, Bull. Mosc., xxv (i), 1852, p. 90.

Hab. N. India, Simla.

elevatus (*Lowoncus*), Schmidt Goebel, Faun. Col. Birm., 1846, t. 3, f. 9.

Hab. Burma.

foliolosus (*Lepithrix*), Nietner, Journ. As. Soc. Ben., xxvi, 1857, p. 152 ; *id.*, Ann.

Mag. N. H., (2s.) xx, 1857, p. 374 : Bates, *l.c.*, (5s.) xvii, 1886, p. 79.

Hab. Ceylon.

microgonus, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 78.

Hab. Ceylon, Colombo, Siam.

renitens, Bates, *l.c.*, p. 79.

Hab. Ceylon, Colombo.

utilans, Bates, Ann. Mus. Civ. Gen., (2s.) vii, 1889, p. 103.

Hab. Burma, Katha.

Genus **BRADYCELLUS.**

Erichson, Käfer Mark. Brand., i, 1837, p. 64 : Lacord., Gen. Col., i, p. 294 : Mun. Cat., p. 263 : Horn, Gen. Carab., p. 294 : Bates, Biol., Centr. Amer., Col., i (i), p. 71.

Liocellus, Motschulsky, Bull. Mosc., xxxvii (4), 1864, p. 207.

laeticolor, Bates, Trans. Ent. S. Lond., 1873, p. 267.

Hab. Yangtse Valley, Nagasaki.

marginale (*Drimostoma*), Walker, Ann. Mag. N. H., (3s.) iii, 1859, p. 51.

Hab. Ceylon.

sinicus, Bates, Trans. Ent. S. Lond., 1873, p. 328.

Hab. Yangtse Valley.

Genus **OXYCENTRUS.**

Chaudoir, Bull. Mosc., xxvii (2), 1854, p. 345 : Mun. Cat., p. 249.

angustus, Bates, Trans. Ent. S. Lond., 1876, p. 3, note, ♂.

Hab. Burma, Rangoon.

borneensis, Bates, *l.c.*, p. 4, note, ♂.

Hab. Borneo.

parallelus, Chaudoir, Bull. Mosc., xxvii (2), 1854, p. 347.

Hab. N. India.

Genus **TACHYCELLUS.**

Morawitz, Bull. Acad. Petr., v, 1863, p. 261 : Mun. Cat., p. 264 : Horn, Gen. Carab., p. 182.

lamprus, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 80.

Hab. Ceylon, Colombo.

Genus **DICHIROTRICHUS.**

Jacq. Duval, Gen. Col. Carab., 1855, p. 35 : Mun. Cat., p. 262.

* **alticola**, Bates, Proc. Zool. S. Lond., '1878, p. 713.

Hab. Pámir [*Ind. Mus.*, type].

amplipennis, Bates, Trans. Ent. S. Lond., 1873, p. 326.

Hab. Shanghai.

Genus **CALATHOMIUS.**

Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 77.

consors, Bates, *l.c.*, p. 78.

Hab. Ceylon, Bogawantalawa.

maculatus, Bates, *l.c.*, p. 77.

Hab. Ceylon, Bogawantalawa.

Genus **DIORYCHE.**

MacLeay, Annul. Javan., 1825, p. 21 : Lap. de Casteln., Hist. Nat. Ins., i, p. 123 :

Lacord., Gen. Col., i, p. 309 : Mun. Cat., p. 287.

Platymetopus, Dejean, Spec., iv, 1829, p. 68 : Lacord., Gen. Col., i, p. 300 :

Bates, Trans. Ent. S. Lond., 1873, p. 121.

amoena (*Platymetopus*), Dejean, Spec., iv, 1829, p. 73.

Hab. Java.

colombensis, Nietner, Jl. Aa. Soc. Beng., xxvi, 1857, p. 151 ; Ann. Mag. N. H., (2s.)

xx, 1857, p. 378 : *ib.*, Bates, (5s.) xvii, 1886, p. 76.

Hab. Ceylon, Colombo.

corrosa, Bates, Trans. Ent. S. Lond., 1873, p. 270.

Hab. Yangtse Valley, Fuchau, Japan.

- interpunctata** (*Platymetopus*), Dejean, Spec., iv, 1829, p. 71 : Klug, Ins. Madag., p. 133.
Hab. India, Coromandel.
- laticeps** (*Platymetopus*), Dejean, Spec., iv, 1829, p. 76.
Hab. Philippines, Manilla.
- melanaria**, Boheman, Freg. Eng. Resa, Col., 1858, p. 10.
Hab. China.
- quadrimaculata** (*Platymetopus*), Dejean, Spec., iv, 1829, p. 70 : Lap. de Casteln., Hist. Nat. Ins., i, p. 92.
Hab. Cochinchina.
- rugosa**, Nietner, Journ. As. Soc. Ben., xxvi, 1857, p. 160 ; Ann. Mag. N. H., (2s.) xx, 1857, p. 373.
Hab. Ceylon, Colombo.
- senilis**, Nietner, Journ. As. Soc. Ben., xxvi, 1857, p. 150 ; Ann. Mag. N. H., (2s.) xx, 1857, p. 372.
Hab. Ceylon, Colombo.
- Thunbergii**, Quensel, Schönh., Syn., i, 1806, p. 188, note : Dejean, Spec., iv, p. 74 : Erichson, Wieg. Arch., (2) 1840, p. 367 : Bates, Trans. Ent. S. Lond., 1873, p. 271.
Hab. ? Cape of Good Hope, ? India.
- torta**, MacLeay, Annul. Javan., 1825, p. 21 : Hope, Col. Man., ii, 1838, t. 2, f. 4 a-d : Lap. de Casteln., Hist. Nat. Ins., i, p. 123 : Bates, Trans. Ent. S. Lond., 1873, p. 271.
Hab. Java.

Genus **AMBLYSTOMUS.**

- Erichson, Käfer Mark Brand., i, 1837, p. 69 : Lacord., Gen. Col., i, p. 901 : Mun. Cat., p. 143.
Hispalis, Rambur, Faun. Andal., 1838 : Motsch., Bull. Mosc., xxxvii (3), 1864, p. 233, *tab. syn.*
Megaristorus, Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 427 : Mun. Cat., p. 286.
- senescens**, Motschulsky, Et. Ent., 1858, p. 23 : (*Hispalis*) *id.*, Bull. Mosc., xxxvii (3), 1864, p. 233.
Hab. India.
- biguttatus**, Motschulsky, Et. Ent., 1858, p. 25 : (*Hispalis*) *id.*, Bull. Mosc., *l.c.*, p. 234.
Hab. India, Tranquebar.
- femorialis**, Motschulsky, Et. Ent., 1858, p. 24 ; (*Hispalis*) *id.*, Bull. Mosc., *l.c.*, p. 233.
Hab. India.
- flavipes**, Motschulsky, *l.c.*, p. 23 ; (*Hispalis*) *id.*, Bull. Mosc., *l.c.*, p. 233.
Hab. India.
- fuscescens**, Motschulsky, *l.c.*, p. 23 ; (*Hispalis*) *id.*, Bull. Mosc., *l.c.*, p. 233.
Hab. India.
- guttatus**, Bates, Trans. Ent. S. Lond., 1873, p. 327.
Hab. China, Fuchau.

- indicus** (*Megaristerus*), Nietner, Ann. Mag. N. H., (3s.) ii, 1858, p. 428.
Hab. Ceylon, Kitugalle (*Bates*), Madras.
- mandibularis** (*Megaristerus*), Nietner, *l.c.*, p. 428.
Hab. Ceylon, Colombo.
- pallipes**, Motschulsky, Et. Ent., 1858, p. 24; (*Hispalis*) *id.*, Bull. Mosc., xxxvii (3), 1864, p. 233.
Hab. India.
- quadriguttatus**, Motschulsky, *l.c.*, p. 24; (*Hispalis*) *id.*, Bull. Mosc., *l.c.*, p. 234.
Hab. India.
- stenolophoides** (*Megaristerus*), Nietner, *l.c. supra*, p. 428.
Hab. Ceylon, Colombo.

Genus **SIOPELUS.**

- Murray, Ann. Mag. N. H., (3s.) iii, 1859, p. 27 : Mun. Cat., p. 287.
- ferreus**, Bates, Ann. Mag. N. H., (5s.) xvii, 1886, p. 76, 211.
?=*compositus* (*Curtonotus*), Walker, *l.c.*, (3s.) ii, 1858, p. 204.
Hab. Ceylon, Newara Eliya.

Genus **ANISODACTYLUS.**

- Dejean, Spec., iv, 1829, p. 132 : Lacord., Gen. Col., i, p. 278 : Mun. Cat., p. 254 :
Horn, Gen. Carab., p. 184 : Bates, Biol. Centr. Amer., Col., i (i), p. 52.
Amphasia, Newman, Ent. Mag., v, 1838, p. 387 : Lacord., Gen. Col. i, p.
277 : Mun. Cat., p. 254.
- Anisotarsus*, Chaudoir, Bull. Mosc., x, 1837, p. 41 : Lacord., Gen. Col., i,
p. 279 : Mun. Cat., p. 257.
- Apiocentrus*, Leconte, Geod. Un. St., 1846, p. 108.
- Dichoirus*, Mannerheim, Bull. Mosc., xvi, 1843, p. 211.
- Eurytrichus*, Leconte, Geod. Col. Un. St., in Ann. Lyc. Nat. Hist. N.
York, iv, 1846, and separate, p. 115 : Mun. Cat., p. 257.
- Gynandromorphus*, Dejean, Spec., iv, 1829, p. 186 : Lacord., Gen. Col., i,
p. 283 : Mun. Cat., p. 258.
- Gynandrotarsus*, Laferté-Sénéctere, Ann. Soc. Ent. Fr., (2s.) x, 1852, p. 202 :
Lacord., Gen. Col., i, p. 283.
- Spongopus*, Leconte, Geod. Col. Un. St., *l.c. supra*, iv, 1846, p. 277 ; sep. p.
105 : Mun. Cat., p. 258.
- Triplectrus*, Leconte, *l.c.*, p. 108.
- Xestonotus*, Leconte, Trans. Amer. Phil., x, 1853, p. 383 : Mun. Cat., p. 258.
- dispellens**, Walker, Ann. Mag. N. H., (3s.) iii, 1859, p. 51 : Bates, *l.c.*, (5s.) xvii,
1886, p. 75.
Hab. Siam, Ceylon, Kandy, Hongkong, Fuchau.
- javanus**, Dejean, Spec., iv, 1829, p. 146.
Hab. Philippines.
- signatus**, Illiger, Käfer Preuss., i, 1798, p. 174 : Panzer, Faun. Germ., 38, 4 ; Dejean¹
Spec., iv, p. 138 : Schaum, Nat. Ins., i, p. 565.
rusticus, Dahl, Col. & Lep., 1823, p. 11.
Hab. Europe, Siberia, China, Canton (*Putzeys*).

Genus **LAMPROPHONUS.**

Bates, Ann. Mus. Civ. Gen., (2a.) vii, 1889, p. 101.

lucens, Bates, *l.c.*, p. 3.

Hab. Burma.

Genus **CHYDAEUS.**

Chaudoir, Bull. Mosc., xxvii (2), 1854, p. 343 : Mun. Cat., p. 254.

obscurus, Chaudoir, *l.c. supra*, p. 344.

Hab. N. India.

Genus **HYPHARPAX.**

MacLeay, Annul. Javan., 1825, p. 22 : Lacord., Gen. Col., i, p. 232 : Mun. Cat., p. 258 : Chaudoir, Ann. Mus. Civ. Gen., xii, 1878, p. 496.

Sagraemerus, Redtenb., Reise Novara, Zool. ii, Col., 1867, p. 13.

dentipes (*Harpalus*), Wiedemann, Zool. Mag., ii (i), 1823, p. 54 : Chaudoir, *l.c. supra*, p. 500:

?=*lateralis* MacLeay, *q.v.*

Hab. Java.

javanus (*Sagraemerus*), Redtenb., Reise Novara, Zool., ii, Col., 1867, p. 14, t. 1, f. 7.

Hab. Java.

lateralis, MacLeay, Annul. Javan., 1825, p. 22 : Hope, Col. Man., ii, t. 2, f. 3 a-c

Lap. de Casteln., Hist. Nat. Ins., i, p. 123.

Hab. Java.

simpliotipes, Chaudoir, Ann. Mus. Civ. Gen., xii, 1878, p. 502.

Hab. Java.

Genus **HYPHAEREON.**

MacLeay, Annul. Javan., 1825, p. 22 : Lacord., Gen. Col., i, p. 284 : Mun. Cat., p. 259.

reflexus, MacLeay, *l.c. supra*, p. 22 : Hope, Col. Man., ii, t. 2, f. 5 a-c.

Hab. Java.

PSEUDOMORPHINI :—Westwood, Rev. Mag. Zool., v, 1853, p. 395 : Lacord., Gen. Col., i, 1854, p. 149 : Horn, Gen. Carab., p. 186 : Leconte & Horn, Class. Col., p. 58.

Genus **ADELOTOPUS.**

Hope, Trans. Ent. S. Lond., i, 1834, p. 11 : Westwood, Rev. Mag. Zool., v, 1853, p. 403 : Lacord., Gen. Col., i, p. 153 : Mun. Cat., p. 157.

collaris, Waterhouse, Trans. Ent. S. Lond., 1877, p. 2.

Hab. Siam.

Genus **CRYPTOCEPHALOMORPHA.**

Ritsema, Tijds. v. Ent., xviii, 1875, p. xcii.

Gaverel, Ritsema, *l.c.*, p. xciii ; *ib.*, xxxii, p. lxxxviii.

marginatus, Waterhouse, Trans. Ent. S. Lond., 1877, p. 2.

Hab. Java, Batavia.

ADDITIONS.

OMOPHRON.—P. 6—

axillaris, Chaudoir, Rev. Mag. Zool., (2s.) xx, 1868, p. 59. Hab. Bengal.

guttatus, Chaudoir, *l.c.*, p. 62. Hab. Bengal.

interruptus, Chaudoir, *l.c.*, p. 62. Hab. Bengal.

levigatus, Gestro, Ann. Mus. Civ. Gen. (2s.) vi, 1888, p. 172. Hab. Burma.

porosus, Chaudoir, Rev. Mag. Zool., (2s.) xx, 1868, p. 61. Hab. Dekhan.

saigonensis, Chaudoir, *l.c.*, p. 57. Hab. Cochinchina, Saigon.

striaticeps, Gestro, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 173. Hab. Burma.

P. 12—The reference to *Carabus indicus*, is Bull. Soc. Ent. Fr., (6s.) ix, 1889, p. xv.

Hab. Darjiling.

MOUHOTIA, p. 17.

Batesi, Lewis, Ent. Mon. Mag., xvi, 1879, p. 186: Waterhouse, Aid, t. 135, f. 3.

Hab. Burma.

PSEUDOZAENA.—P. 32—

spisicornis, Fairmaire, Ann. Soc. Ent. Fr., (6s.) viii, 1883, p. 335. Hab. Laos.

PRISTONYCHUS.—P. 54—

alticola, Fairmaire, Ann. Soc. Ent. Fr., (6s.) ix, 1889, p. xvi.

Hab. Himálaya, Mt. Yeomitong (11,000—12,000 feet) [*Ind. Mus.*]

Add also:—

P. 96—*Erosus Davidianus*, Fairmaire, Ann. Soc. Ent. Belg., xxxii, 1883, p. 7. Hab. Yunnan, Hongkong.

P. 97—*Chlaenius hemichlorus*, Fairmaire, *l.c.*, p. 8. Hab. Yunnan.

P. 44—*Stobeus collucens*, Fairmaire, *l.c.*, p. 8. Hab. Yunnan.

P. 44—*Aurisma Delevayii*, Fairmaire, *l.c.*, p. 9. Hab. Yunnan.

P. 44—*Steropanus forticornis*, Fairmaire, *l.c.*, p. 10. Hab. Yunnan.

P. 44—*Omasus stictopleurus*, Fairmaire, *l.c.*, p. 10. Hab. Yunnan.

P. 44—*Steropus lacinoides*, Fairmaire, *l.c.*, p. 10. Hab. Yunnan.

P. 44—*Steropus souticollis*, Fairmaire, *l.c.*, p. 11. Hab. Yunnan.

P. 44—*Pterostichus haesitatus*, Fairmaire, *l.c.*, p. 11. Hab. Yunnan.

P. 44—*Abax tantillus*, Fairmaire, *l.c.*, p. 12. Hab. Yunnan.

P. 63—*Calathus strigipennis*, Fairmaire, *l.c.*, p. 12. Hab. Yunnan.

P. 63—*Calathus nubillipennis*, Fairmaire, *l.c.*, p. 13. Hab. Yunnan.

P. 64—*Agonum dorsistriatum*, Fairmaire, *l.c.*, p. 13. Hab. Yunnan.

P. 66—*Dyscolus ovipennis*, Fairmaire, *l.c.*, p. 14. Hab. Yunnan.

P. 39—*Patrobus microphthalmus*, Fairmaire, *l.c.*, p. 14. Hab. Yunnan.

P. 60—*Amara orientalis*, Hope Trans. Ent. S. Lond iv, 1845, p. 14. Hab. China.

P. 61—*Perigona Beccarii*, Putzeys = *fimicola*, Wollast.

P. 95—*Brachynus pictus*, add to references after '92', 't. 13, f. 1': and at end [*Ind. Mus.*, Delhi].

P. 66—*Colpodes superlita*, Bates, Proc. Zool. S. Lond, 1888, p. 383, Kiukiang.

„ „ *melittus*, Bates, *l.c.*, 1889, p. 216. Goorais Valley.

„ „ *eulabes*, Bates, *l.c.*, p. 215. Goorais Valley.

P. 70—*Lebia coelestis*, Bates, *l.c.*, 1888, p. 330. Kiukiang.

„ „ *chrysomia*, Bates, *l.c.*, p. 382. Kiukiang.

„ „ *callata*, Bates, *l.c.*, p. 382. Kiukiang.

„ „ *xanthophana*, Bates, *l.c.*, p. 382; *ib.*, 1889, p. 218. Kinkiang, Ichang.

- P. 70—*Lebia prattiana*, Bates, *l.c.*, 1889, p. 218. Ichang.
 „ „ „ *callitrema*, Bates, *l.c.* p. 219. Ichang.
 P. 97—*Chlaenius anchomenoides*, Bates, *l.c.*, p. 212. Goorais Valley.
 P. 111—*Harpalus kashmirensis*, Bates, *l.c.*, p. 213. Goorais Valley.
 „ „ „ *idiotus*, Bates, *l.c.*, p. 213. Goorais Valley.
 P. 53—*Pristodactyla laocerans*, Bates, *l.c.*, p. 214. Goorais Valley.
 „ „ „ *agonoides*, Bates, *l.c.*, p. 218 Ichang.
 P. 54—*Pristomychus kashmirensis*, Bates, *l.c.*, p. 214. Goorais Valley.
 P. 55—*Anchomenus mesostictus*, Bates, *l.c.*, p. 215. Goorais Valley.
 P. 10—*Carabus* Tientel, Thoms., var. *minor*, Bates, *l.c.*, p. 217. Ichang.
 „ „ „ *ichangensis*, Bates, *l.c.*, p. 217, ♂. Ichang.
 „ „ „ *protensus*, Bates, *l.c.*, p. 217. Ichang.
 „ „ „ *kiukiangensis* Bates, *l.c.*, 1888, p. 381. Kiukiang.
 „ „ „ *dardiellus*, Bates, *l.c.*, 1889, p. 211. Goorais Valley, Kashmir.
 „ „ „ var. *granulisparsus*, Bates, *l.c.*
 „ „ „ *barysomus*, Bates, *l.c.*, p. 210. Goorais Valley.
 P. 13—*Carabus (Coptolabrus) angustus*, Bates, Proc. Zool. S. Lond., 1888, p. 387.
 Kiukiang, Yangtse Valley.
 „ „ „ var. *ignimitella*, Bates, *l.c.*
 „ „ „ „ *principalis*, Bates, *l.c.*, 1889, p. 216. Ichang, Yangtse Valley.
 „ „ „ „ *pustulifer*, Lucas, var., Bates, *l.c.*, p. 217. Ichang.
 „ „ „ „ *longipennis*, Chaudoir, Bates, *l.c.*, p. 217. Ichang.
 P. 16—*Nebria himalayica*, Bates, *l.c.*, p. 212. Goorais Valley.
 P. 34—*Bembidion bracculatum*, Bates, *l.c.*, p. 212. Goorais Valley.
 „ „ „ *dardum*, Bates, *l.c.*, p. 212. Goorais Valley.

CORRECTIONS.

- P. 26—for 'Neitneri,' read 'Nietneri.'
 P. 28—line 5 from top, for 'Gestro.' read 'Bates.'
 P. 30—line 19 from top, for '*metallicus*,' read '*metallicus*.'
 P. 34—for '*MORIOIDIUS*,' read '*MORIONIDIUS*.'
 P. 42—for '*Comottoii*,' read '*Comottii*.'
 P. 65—for '*dimidiata*,' read '*dimidiata*.'
 P. 72—line 22 from top, for '*Rhinotheila*,' read '*Rhinocheila*.'

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I.—*Catalogue of the Insecta of the Oriental Region.* No. 4, Order
Coleoptera, Family Dytiscidæ.—By E. T. ATKINSON, B. A.

DR. D. SHARP'S monograph entitled 'On aquatic carnivorous Coleoptera or Dytiscidæ' (Scientific Transactions, Royal Dublin Society, (2a.) ii, 1881-2) renders the preparation of the 'Catalogue of the Dytiscidæ,' a comparatively easy task. Mr. Sharp's elaborate work is prefaced by a general description of the position of the family, its extent, and some criticisms on the taxonomy; whilst another chapter is devoted to a detailed description of the structure. In the prefatory chapter, Mr. Sharp remarks:—"We possess already in the Munich Catalogue of Coleoptera a work in which a large proportion of synonyms are well recorded, and I have considered the existence of this valuable production sufficient reason for omitting the synonymy already recorded therein, and have contented myself with citing in the alphabetical index of this work such names as are necessary to establish a harmony between it and the catalogue in question. For a similar reason it forms no part of my plan to give a history of the previous and present condition of the taxonomy of the family, nor a list of all the writers who have described species belonging to it, both of these can be gathered from the Munich Catalogue."

Following a like procedure, I give those species recorded in the Munich Catalogue with their synonymy and a reference to the place in which they are noticed in Mr. Sharp's work, and for those described since 1868, the synonymy admitted by him. Up to the year 1882, Dr. Sharp's monograph and the Munich Catalogue may be considered safe and sufficient guides to the study of this family. In Mr. Sharp's work, there is some departure from the ordinary practice in the record of species, which are given under the genus and specific name of the original describer, whilst the genera under which they are placed have neither author's names nor references. It is difficult therefore to ascertain whether the genus of Dr. Sharp is the same as the genus of the original describer, or even, in any strict sense, belongs to it. Therefore the references to the genera in the following Catalogue must be understood to be subject to the modifications introduced by Dr. Sharp in his diagnoses. It would be impossible for me to distinguish accurately between the various phases which successive emendations and sub-divisions have given rise to in a genus, nor would this be the proper place to attempt such a task. Broadly, Dr. Sharp divides the *Dytiscidæ* into two main groups, *Dytisci Fragmentati* (p. 963)

and *Dytisci Complicati* (p. 964), according to whether the metathoracic episternum reaches the intermediate coxal cavity or not. These are further sub-divided into the tribes *Noterides* (p. 260,944), *Hydroporides* (p. 319,950), *Colymbetides* (p. 490,956), and *Hydaticides* (p. 647,959), but the details of this arrangement cannot be followed here.

As already noticed in the 'Catalogue of the Carabidæ,' Dr. Horn raises the *Haliplini*, *Amphizoa*, and *Hydrachna** (*Pelobius*), to the rank of families. There is a strong consensus of opinion that to elevate these aberrant genera to the position of families and thus place them on a level with a family like the *Carabidæ* is a step to be regretted as likely to lead to the unnecessary splitting up of other families on equally good grounds. The proper place for these groups appears to be as sub-families of the aquatic carnivora, uniting the *Dytiscidæ* proper with the terrestrial carnivora. Lacordaire † writes of the *Haliplini* that ces insectes n'appartiennent réellement pas non plus à la famille (*Dytiscidæ*) par leurs pattes; les tarses postérieurs surtout ressemblent complètement à ceux d'une foule des Carabiques, leurs articles étant grêles, allongés et chacun un peu renflé à leur extrémité.' He adds that the characters given should place them at the head of the *Dytiscidæ* which they connect with the *Carabidæ*. Dr. Sharp ‡ in his paper on the classification of the *Dytiscidæ*, removed the *Haliplini* from that family and left it to 'the Carabophiles to decide whether they should be considered *Carabidæ* or form a distinct family.' Subsequently, however, he makes them a separate family §.

Lacordaire makes the genus *Amphizoa* also a tribe or sub-family, 'qui présente un singulier mélange des caractères des Dytiscidæ et des Carabiques. Par ses organes buccaux, sa tête, ses antennes, et la non-contiguïté des parapleures méta-thoraciques avec la base de l'abdomen, il appartient aux premiers, tandis que par ses pattes complètement ambulatoires, son prosternum reçu dans un sillon du mésosternum comme chez les Carabides, et la séparation de ses saillies coxales, il rentre dans les seconds.' It thus diminishes the differences between the aquatic and the terrestrial Carnivora. Leconte originally placed this singular genus in a distinct family and Chaudoir makes it a distinct group near to *Trachy-*

* I do not understand the grounds on which the name *Hydrachna* for this genus (1801) has been sunk in favour of *Pelobius* (*Pelobius*) Schönherr (1806), the species '*tarda* Herbst,' the type given by Fabricius, being still considered as belonging to the genus.

† Gen. Col. i p. 410.

‡ C. R. Soc. Ent. Belg., xxiii, 1880, p. cxlvii; *Dytisc.*, p. 974.

§ Biol. Centr. Amer., Col, i (2), 1882, p. 1.

pachys. Dr. Sharp at first placed it amongst the *Dytiscidae*, but subsequently agreed * with Dr. Horn that it should be removed from the *Dytiscidae* and treated like *Pelobius*.

Pelobius was also formed into a distinct group by Lacordaire who remarks that 'cette tribu ne comprend qu'un seul genre, mais qui ne peut être associé à aucun de ceux qui précèdent ou qui suivent : ses hanches postérieures le rattachent aux Haliplides, ainsi que les tarse de la même paire sont à peine plus natatoires,' and declares it to be another of the aberrant genera connecting the *Carabidae* with the *Dytiscidae*. Describing the genus itself he gives it as 'un Dytiscide pourvu d'une tête de Carabique.' Notwithstanding, therefore, the great authority of Dr. Horn, it will, in the present state of our knowledge, be advisable to retain Lacordaire's arrangement as that most convenient. Below is given a list of some of the writings on the *Dytiscidae* of the Oriental Region.

Aube, C. :—

Species général des Hydrocanthares et Gyriniens pour faire suite au Species général des Coléoptères de la collection de M. Le Comte Dejean, vi, Paris, 1838.

Blanchard, E. :—

Voyage au Pole Sud sur l'Astrolabe, Zool., iv, Paris, 1853.

Boheman, C. :—

Kongliga Svenska Fregatten Eugénies resa, Col., Stockholm, 1858.

Clark, H. :—

Transactions Entomological Society London, (3s) i, 1863, p. 413.

Erichson, W. F. :—

Die Käfer der Mark Brandenburg, Berlin, i, 1837.

MacLeay, W. S. :—

Annulosa Javanica, or an attempt to illustrate the natural affinities and analogies of the insects collected in Java by Dr. T. Horsfield. London, 1825.

Motschulsky, V. :—

Études entomologiques, Helsingfors, iv, 1855 : viii, 1859.

Redtenbacher, L. :—

Hügel's Kaschmir, iv (2), 1844. Stuttgart.

Regimbart, M. :—

'Recherches sur les organes copulateurs dans le genre *Dytiscus*,' in Ann. Soc. Ent. Fr., (5s.) vii, 1877, p. 263.

Étude sur la classification des Dytiscoides, l. c., viii, 1878, p. 447.

'Dytiscides de Birmanie,' in Ann. Mus. Civ. Gen., (2s) vi, 1888, p. 609.

Schaum and Kiesenwetter :—

Naturges. d. Ins. Deutschl., i, ii, 1859-60.

* *Dytisc.*, p. 374.

Sharp, D. :—

'Avis préliminaire d'une nouvelle classification des Dytiscides,' in C. R. Soc. Ent. Belg., xxiii, 1880, p. cxlviii.

'Observations on the respiratory action of the Carnivorous Water-beetles,' in *N. Linn. S. Lond.*, xiii, 1877, p. 161.

'On aquatic Carnivorous Coleoptera,' in *Scient. Trans. Royal Dublin Society*, 1882.

Vander Branden, C. :—*Catalogue des coléoptères Carnassiers aquatiques*, in *Ann. Soc. Ent. Belg.*, 1885.

Wehncke, E. :—

Deutsche entomologische Zeitschrift, 1873, 1875.

Berliner entomologische Zeitschrift, xv, xvi, xix.

Stettiner entomologische Zeitung, 1875-7.

HALIPLINI :—Shuckard, *Elem. Brit. Ent.*, 1839 : (*Halipilidæ*) Aubé, *Espec.* vi : Lacordaire, *Gen. Col.* 4, 1854, p. 410 : Jacq. Duv., *Gen. Col.*, i, p. 69 : Crotch, *Revision*, *Trans. Amer. Ent. Soc.*, iv, 1873, p. 383.

Halipilidæ, Horn, *Gen. Carab.*, 1881, p. 91 : Leconte & Horn, *Class. Col.*, 1883, p. 60, 539 : Sharp, *Biol. Centr. Amer.*, Col. i (2), 1882, p. 1.

Leconte observes that the species of this sub-family are aquatic in their habits, of small size, oval, more or less pointed behind and in front, and very convex ; their colour is usually yellowish, more or less spotted with black : scutellum, concealed : antennæ 10-jointed, glabrous, filiform.

Genus HALIPLUS.

Latreille, *Hist. Nat. Ins.*, iii, 1802, p. 77 ; *Gen. Crust. Ins.*, i, 1806, p. 234 : Brullé, *Hist. Nat. Ins.*, ii, p. 201 : Lacord., *Gen. Col.*, i, p. 411 : Jacq. Duv., *Gen. Col. Eur.*, i, 1857, p. 69 : *Mun. Cat.*, p. 425 : Crotch, *Col. Hefte*, vi, p. 95 : Sharp, *Biol. Centr. Amer.*, Col. i (2), p. 2 : Leconte & Horn, *Class. Col.*, p. 62. *Onemidotus*, Illiger, *Mag. Ent.*, i, 1802, p. 273 : Lacord., *Gen. Col.*, i, p. 411 : *Mun. Cat.*, p. 427 : Sharp, *Biol. Centr. Amer.*, Col. i (2), p. 1. *Hoplitus*, Clairville, *Ent. Helv.*, ii, 1806, p. 218.

brevis, Wehncke, *Stettin. Ent. Zeit.*, xl, 1880, p. 75.
Hab. China.

maculipennis, Schaum, *Berlin. Ent. Zeits.*, 1864, p. 307.
Hab. Egypt [*Ind. Mus.*, var., Pankong Valley, N. W. Himalaya].

oceanicus, Régimbart, *Notes Leyden Museum*, vii, 1886, p. 190.
Hab. Sumatra.

pulchellus, Clark, *Trans. Ent. S. Lond.*, (3s.) i, 1863, p. 418 : Régimbart, *Ann. Soc. Ent. Fr.*, (6s.) ix, 1889, p. 147.
Hab. Siam, Annam, Cochinchina, Malacca.

Sharpii, Wehncke, *Stettin. Ent. Zeit.*, xli, 1880, p. 74.
Hab. China, Japan.

sinensis, Hope, *Trans. Ent. S. Lond.*, iv, 1845, p. 15.
Hab. China.

variabilis, Clark, *Trans. Ent. S. Lond.*, (3s.) i, 1863, p. 417.
Hab. China, Amoy, Canton, Corea.

Genus **PELTODYTES.**

Régimbart, Ann. Soc. Ent. Fr., (5s.) viii, 1878, p. 450, 477.

Cnemidolus, Erichson, Gen. Dytic., 1832, p. 48 (*nec Illiger*): Leconte & Horn., Class. Col., p. 61.

~~Monomatia~~ Régimbart, Notes Leyden Mus., vii, 1884, p. 55.

Hab. Sumatra.

AMPHIZOMA:—(*Amphisoides*) Lacordaire, Gen. Col., i, 1854, p. 409.

Amphisoides, Horn, Gen. Carab., 1881, p. 92: Leconte & Horn, Class. Col., 1883, p. 59, 539.

The species of this subfamily are of small size, and are found clinging to logs and stones under the surface of streams.

Genus **AMPHIZOA.**

Leconte, Proc. Acad. Phil., vi, (Jan.) 1853, p. 227: Lacord., Gen. Col., i, p. 409:

Matthews, Cish. Ent., 1872, p. 119: Horn, Rep. Un. St. Geol. Surv., 1872-73,

p. 717: Sharp, Dytisc., p. 317, 844, 974: Leconte & Horn, Class. Col., p. 59.

Dysmathe, Mannerheim, Bull. Moe., xxvi (3), (July) 1858, p. 264: Lacord., Gen. Col., v, p. 60: Mun. Cat., p. 1834: Sallé, Bull. Soc. Ent. Fr., (5s.) iv, 1874, p. cxxxii.

Davidis, Lucas, Bull. Soc. Ent. Fr., (6s.) ii, 1882, p. clvii.

Hab. E. Tibet, Moupin.

HYDRACHNINI:—

Pelobides, Lacordaire, Gen. Col., i, 1854, p. 412.

Pelobida, Horn, Gen. Carab., 1881, p. 92: Sharp, Dytisc., p. 269, 827, 974.

Genus **HYDRACHNA.**

Fabr., Syst. Eleuth., i, 1801 p. 225: Latreille, Hist. Nat. Crust. Ins. iii, 1802, p. 76: Mun. Cat., p. 427.

Hygriobia, Latreille, Gen. Crust. Ins., i, 1806, p. 233: *Hygriobia* auct.

Hyphydrus, Latreille, *l.c.*, p. 233.

Paelobius, Schönherr, Syn. Ins., ii, 1808, p. 27.

Pelobius, Brullé, Hist. Nat. Ins. Col., ii, p. 204: Jacq. Duval, Gen. Col. Eur., i, p. 70: Sharp, Dytisc., p. 269, 827, 974, *et auct.*

There are but three other species of this genus described, one European and two Australian. They are of moderate size, very convex beneath, the surface very densely punctured, not pubescent.

Davidis (*Hygriobia*), Bedel, Bull. Soc. Ent., Fr., (6s.) iii, 1883, p. xxiii.

Hab. China, Kiangsi.

DYTISCHINI:—Sharp, Dytisc., p. 527, 967; *id.*, Biol. Centr. Amer., Col., i (2), p. 8: Leconte & Horn, Class. Col., 1883, p. 62.

Hydrocantharus, Latreille, Hist. Nat. Crust. Ins., iii, 1802, p. 74; *id.*, Gen. Crust. Ins., i, 1806 p. 228: Brullé, Hist. Nat. Ins., Col., ii, 1835, p. 182: *Dytiscoides*, Westwood, Class. Ins., i, 1839, p. 95.

The *Dytischini* are aquatic in their habits, and differ from the *Carabidae* chiefly in the absence of the antecoxal piece of the metasternum, and the natatorial legs.

Dytiscifragmentati, Sharp, *Dytisc.*, p. 258.

Notarides, Sharp, *l.c.*, p. 260 : Leconte & Horn, *Class. Col.*, 1883, p. 63.

NOTOMICRINI :—

Genus **NOTOMICRUS**.

Sharp, *Dytisc.*, 1881, p. 260, 834 ; *id.*, *Biol. Centr. Amer., Col.*, i, (2), p. 3 : Leconte & Horn, *Class. Col.*, p. 63.

tenellus (*Hydroporus*), Clark, *Trans. Ent. S. Lond.*, (3s.) i, 1863, p. 427 : Sharp, *Dytisc.*, p. 812.

Hab. Java.

HYDROCOPTINI :—

Genus **HYDROCOPTUS**.

Motschulsky, *Hydrocanth. Russ.*, 1853, p. 5 : (*Hydroporus*) *Mun. Cat.*, p. 429 : Sharp, *Dytisc.*, p. 261, 834.

vittatus, Motsch., *Et. Ent.*, 1859, p. 44 : Sharp, *Dytisc.*, p. 262 : Régimb., *Ann. Mus.*,

Civ. Gen., (2s.) vi, 1888, p. 610.

Hab. N. India, Burma, Bhamo.

distinctus, Wehncke, *Deutsche Ent. Zeits.*, xxvii, 1883, p. 147.

rubescens, Sharp, *Dytisc.*, p. 262 (*neo* Clark).

?=*rufulus*, Motschulsky, *g.v.*

Hab. Java, Sumatra, Siam.

rubescens (*Hydroporus*), Clark, *Trans. Ent. S. Lond.*, (3s.) i, 1863, p. 426 : Wehncke, *Deutsche Ent. Zeits.*, 1883, p. 147 : Régimb., *Ann. Mus. Civ. Gen.*, (2s.) vi, 1888, p. 610 ; *id.*, *Ann. Soc. Ent. Fr.*, (6a.) ix, 1889, p. 147.

Hab. Java, Borneo, Saigon, Siam, Burma, Bhamo, India.

rufulus, Motschulsky, *Etud. Ent.*, 1859, p. 44 : Sharp, *Dytisc.*, p. 785.

?=*distinctus*, Wehncke, *g.v.*

Hab. India, Burma.

sharpi, Wehncke, *Deutsche Ent. Zeits.*, xxvii, 1883, p. 147.

Hab. Burma.

vittatus, Sharp, *Dytisc.*, p. 262.

Hab. India, Borneo, Sarawak.

NOTERINI :— Sharp, *Dytisc.*, p. 263, 919 : Leconte & Horn, *Class. Col.*, p. 63.

Genus **NOTERUS**.

Clairville, *Ent. Helv.*, ii, 1806, p. 22 : Brullé, *Hist. Nat. Ins. Col.*, ii, p. 209 : Lacord., *Gen. Col.*, i, p. 418 : *Mun. Cat.*, p. 443 : Sharp, *Dytisc.*, p. 265, 836.

granulatus, Régimbart, *Notes Leyden Mus.*, v, 1883, p. 225.

Hab. China.

HYDROCANTHINI :—Sharp, *Dytisc.*, p. 268, 920.

Genus **CANTHYDRUS**.

Sharp, *Dytisc.*, p. 269, 838 ; *id.*, *Biol. Centr. Amer., Col.*, i (2), p. 5 : Leconte & Horn, *Class. Col.*, p. 63.

- angularis*, Sharp, Dytisc., p. 277.
Hab. Singapur.
- bifasciatus*, Régimbart, Ann. Soc. Ent. Fr., (6s.) ix, 1889, p. 148.
Hab. Cambodia.
- festivus*, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 610.
Hab. Burma, Rangoon.
- flammulatus*, Sharp, Dytisc., p. 278 : Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 609 ; *id.*, Ann. Soc. Ent. Fr., (6s.) ix, 1889, p. 149.
Hab. Burma, Bhamo, Rangoon, Siam, Cochinchina, Celebes.
- flavus* (*Hydrocanthus*), Motschulsky, Et. Ent., 1856, p. 83 : Sharp, Dytisc., p. 279 : Régimbart, Ann. Gen., *l.c.*, *supra*, p. 610 ; *id.*, Ann. Fr., *l.c.*, *supra*, p. 150.
Ritsonæ (*Hydrocanthus*), Régimbart, Notes Leyden Mus., ii, 1880, p. 213 ; Midden Sumatra, iv, 6, t. 1, f. 7.
Hab. China, Formosa, Siam, Cochinchina, Burma, Rangoon, India.
- frontalis*, Sharp, Dytisc., p. 276.
Hab. Arabia, Bombay.
- fulvescens*, Régimbart, Ann. Soc. Ent. Fr., (6s.) ix, 1889, p. 149.
Hab. Annam, Cochinchina.
- haagii* (*Hydrocanthus*), Wehncke, Deutsche Ent. Zeits., xx, 1876, p. 222 : Sharp, Dytisc., p. 278.
Hab. Siam.
- javanus*, Wehncke, Deutsche Ent. Zeits., xxvii, 1883, p. 149.
Hab. Java.
- laetabilis* (*Hydroporus*), Walker, Ann. Mag. N. H., (3s.) ii, 1868, p. 206 : Sharp, Dytisc., p. 277.
orientalis (*Hydrocanthus*), Wehncke, Deutsche Ent. Zeits., xx, 1876, p. 222.
Hab. India, Madras, Tranquebar.
- luctuosus* (*Hydrocanthus*), Aubé, Dejean Spec., vi, 1838, p. 408 : Sharp, Dytisc., p. 276.
Hab. India.
- Morsbachii* (*Hydrocanthus*), Wehncke, Deutsche Ent. Zeits., xx, 1876, p. 222 : Sharp, Dytisc., p. 276.
Hab. Cochinchina.
- nitidulus*, Sharp, Dytisc., p. 278 : Régimbart, Ann. Soc. Ent. Fr., (6s.) ix, 1889, p. 147.
Hab. Formosa, N. China, Assam.
- pellitus* (*Hydrocanthus*), Sharp, Trans. Ent. S. Lond., 1873, p. 51 ; Dytisc., p. 278.
Hab. Japan, China.
- proximus*, Sharp, Dytisc., p. 278.
Hab. Siam.
- semperii* (*Hydrocanthus*), Wehncke, Deutsche Ent. Zeits., xx, 1876, p. 223 ; *ib.*, 1883, p. 149 : Sharp, Dytisc., p. 275.

auritus (*Hydrocanthus*), Régimbart, Bull. S. E. Fr., (5a.) vii, 1877, p. lxxix;
id., Ann., p. 359 : Sharp, Dytisc., p. 783.

Hab. Philippines; Manilla.

sexpunctatus, Sharp, Dytisc., 276.

Hab. India.

testaceus (*Hydrocanthus*), Boheman, Freg. Eug. Resa, Col., 1858, p. 19 : Sharp,
 Dytisc., p. 784.

Hab. China.

Weisei (*Hydrocanthus*), Wehncke, Deutsche Ent. Zeits., xx, 1876, p. 222 : Sharp,
 Dytisc., p. 277 : Régimbart, Ann. Soc. Ent. Fr., (5a.) ix, 1880, p. 150.

Hab. Cochinchina, Cambodia, Saigon.

Genus **HYDROCANTHUS.**

Say, Trans. Amer. Phil., ii, 1825, p. 106 : Brullé, Hist. Nat. Ins. Col., ii, p. 210 :
 Lacord., Gen. Col., i, p. 419 : Mun. Cat., pt. p. 444 : Sharp, Dytisc., p. 274, 830-1
id., Biol. Centr. Amer., Col., i (2), p. 7 : Leconte & Horn, Class. Col., p. 63.

indicus, Wehncke, Deutsche Ent. Zeits., xx, 1876, p. 223 : Sharp, Dytisc., p. 279 :
 Régimbart, Ann. Mus. Civ. Gen., (2a.) vi, 1888, p. 609 ; *id.*, Notes Leyden Mus.,
 ix, p. 51.

Hab. Burma, Bangoon, Bhamo, Stam, Cochinchina, Sumatra.

VATELLINI:—Sharp, Dytisc., p. 282, 921.

Genus **DEROVATELLUS.**

Sharp, Dytisc., p. 286, 841.

orientalis, Wehncke, Deutsche Ent. Zeits., xxiii, 1883, p. 149.

Hab. Borneo.

LACCOPHILINI:—Sharp, Dytisc., p. 286, 920 : Leconte & Horn, Class. Col., 1883,
 p. 63.

Genus **LACCOPHILUS.**

Leach, Zool. Misc., iii, 1847, p. 69 : Brullé, Hist. Nat. Ins. Col., ii, p. 211 : Lacord.,
 Gen. Col., i, p. 420 : Mun. Cat., p. 444, pt : Sharp, Dytisc., p. 287, 841 ; *id.*, Biol.
 Centr. Amer., Col., i (2), p. 9.

assamilla, Régimbart, Notes Leyden Mus., v, 1883, p. 226.

Hab. Java, Sumatra.

Baeri, Régimbart, Ann. Soc. Ent. Fr., (5a.) vii, 1877, p. 353 ; *id.*, Bull. p. lxxviii :
 Sharp, Dytisc., p. 819.

Hab. Philippines, Manilla.

basalis, Motschulsky, Etud. Ent., 1859, p. 46 : Sharp, Dytisc. p. 314.

Hab. Malacca.

chinensis, Boheman, Freg. Eug. Resa, Col., 1858, p. 21 : Sharp, Dytisc., p. 315.

Hab. China.

chlorotous, Régimbart, Notes Leyden Mus., ix, 1887, p. 267.

Hab. Andaman Islands.

Clarkii, Sharp, Dytisc., p. 313.

Hab. Australia, Philippines.

- coquantus*, Sharp, *Dytisc.*, p. 313.
Hab. India.
- decoratus*, Boheman, *Freg. Eug. Resa, Col.*, 1858, p. 31 : Sharp, *Dytisc.*, p. 319.
Hab. Philippines, Manila.
- derasus*, Sharp, *Dytisc.*, p. 311.
Hab. Siam, Bangkok.
- difficilis*, Sharp, *Trans. Ent. S. Lond.*, 1873, p. 53 ; *Dytisc.*, p. 301.
Hab. China, Japan.
- dispersus*, Sharp, *Dytisc.*, p. 312.
Hab. Siam, Bangkok.
- elegans*, Sharp, *Dytisc.*, p. 302.
Hab. Andaman Islands [*Ind. Mus.*, Andamans].
- ellipticus*, Régimbart, *Ann. Soc. Ent. Fr.*, (6a.) ix, 1889, p. 152.
Hab. CochinChina, Annam.
- flavescens*, Motschulsky, *Et. Ent.*, 1859, p. 45 : Sharp, *Dytisc.*, p. 320.
Hab. Ceylon.
- feruosus*, Aubé, *Dejean Spec.* vi, 1838, p. 430.
? *similis*, Régimbart, *Ann. Soc. Ent. Fr.*, (6a.) ix, 1889, p. 151.
Hab. India, Pondicherry.
- hydaticoides*, Régimbart, *Ann. Soc. Ent. Fr.*, (5a.) vii, 1877, p. 339 ; *id.*, *Bull.*, p. lxxix : Sharp, *Dytisc.*, p. 320.
Hab. Philippines, Manila.
- inefficiens* (*Hydroporus*), Walker, *Ann. Mag. N. H.*, (3s.) iii, 1859, p. 51 : Sharp, *Dytisc.*, p. 297.
Hab. Ceylon.
- lituratus*, Sharp, *Dytisc.*, p. 313 : Régimbart, *Ann. Soc. Ent. Fr.*, (6a.) ix, 1889, p. 150.
Hab. Siam, Mytho.
- medialis*, Sharp, *Dytisc.*, p. 309.
Hab. Siam.
- obtusus*, Sharp, *Dytisc.*, p. 311 : Régimbart, *Ann. Soc. Ent. Fr.*, (6a.) ix, 1889, p. 151.
Hab. Singapur, CochinChina, Annam, Saigon.
- parvulus*, Aubé, *Dejean Spec.* vi, 1838, p. 429 : Sharp, *Dytisc.*, p. 312.
orientalis, Aubé, *l. c.*, p. 431.
? *solutus*, Sharp, *g. v.*
Hab. India, Bombay, Sumatra, Saigon.
- pellucidus*, Régimbart, *Ann. Mus. Civ. Gen.*, (2s.) vi, 1858, p. 616.
Hab. Burma, Bhamo, Tenasserim.
- ponticus*, Sharp, *Dytisc.*, p. 311.
Hab. Mesopotamia, Philippines.
- posticus*, Aubé, *Dejean Spec.*, vi, 1838, p. 428 : Sharp, *Dytisc.*, p. 309.
Hab. Madagascar, Mauritius,? Philippines.

- proteus**, Régimbart, Ann. Soc. Ent. Fr., (6s.) vii, 1877, p. 358 ; *ib.*, Bull., p. lxxix : Sharp, Dytisc., p. 821.
Hab. Philippines, Manilla.
- pulicarius**, Sharp, Dytisc., p. 313.
Hab. Siam, Bangkok.
- Bitsemæ** Régimbart, Notes Leyden Mus., ii, 1880, p. 209 ; Midden Sumatra, iv, p. 6,
* t. 1, f. 1.
Hab. Sumatra, Mocara Laboe.
- rufulus**, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 611.
Hab. Burma, Teintso, Rangoon.
- Sharpii**, Régimbart, Ann. Soc. Ent. Fr., (6s.) ix, 1889, p. 161.
flavovorus, Sharp, Dytisc., p. 310 (*nec* Aubé).
Hab. Asia, Persia, Mesopotamia, N. India, China, Japan.
- Siamensis**, Sharp, Dytisc., p. 306.
Hab. Siam.
- solutus**, Sharp, Dytisc., p. 315 : Régimb., Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 611.
?=parvulus, Aubé, *g. v.*
Hab. China, Burma, Bhamo.
- transversalis**, Régimbart, Ann. Soc. Ent. Fr., (5s.) vii, 1877, p. 357 ; *ib.*, Bull., p. lxxix : Sharp, Dytisc., p. 822.
Hab. Manilla.
- transversus**, Motschulsky, Et. Ent., 1854, p. 45 : Sharp, Dytisc., p. 822.
Hab. Burma.
- undulifer**, Motschulsky, Et. Ent., 1859, p. 44 : Sharp, Dytisc., p. 312.
Hab. India, Tranquebar, Madras.
- uniformis**, Motschulsky, Et. Ent., 1859, p. 46 : Sharp, Dytisc., p. 822.
Hab. India.
- Dytisci complicati**, Sharp, Dytisc., p. 317.
- HYDROPORINI** :—Sharp, Dytisc., p. 319 : Leconte & Horn, Class. Col., 1883, p. 64.
- HYDROVATINI**, Sharp, Dytisc., p. 320.

Genus **HYDROVATUS**.

- Motschulsky, Et. Ent., 1855, p. 82 : Ballion, Bull. Mosc., xlii, p. 219 : Mun. Cat., p. 429 : Sharp, Dytisc., p. 321, 848 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 14 : Leconte & Horn, Class. Col., p. 64
Oxyoptilus, Schaum & Kiesenwetter, Naturg. Ins. Deutschl., i (2), 1867, p. 22 : Mun. Cat., p. 442.
- acuminatus**, Motschulsky, Et. Ent., 1859, p. 42 : Sharp, Dytisc., p. 326 : Régimb., Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 611.
- radius**, Clark, Trans. Ent. S. Lond., (3s.) i, 1863, p. 424.
malacca, Clark, *l.c.*, p. 425.
Hab. Rangoon, Malacca, Malaya, Sumatra, Celebes, Lombok, Danes Island, Formosa, Philippines.

- acutus**, Sharp, *Dytisc.*, p. 330 : Régimb., *Ann. Mus. Civ. Gen.*, (2a.) vi, 1888, p. 612 ;
id., *Ann. Soc. Ent. Fr.*, (6s.) ix, 1889, p. 152.
 Hab. Burma, Rangoon, Annam, Cochinchina, Sumatra, Celebes.
- Aristidis**, Lep., *Bull. Soc. Ent. Fr.*, (6s.) ix, 1879, p. lxxxii : Sharp, *Dytisc.*, p. 325.
 Hab. Kiukiang in Yangtse Valley, Formosa, Sumatra, Celebes, Lombok.
- atricolor**, Régimbart, *Notes Leyden Mus.*, ii, 1880, p. 209 ; Midden Sumatra, iv, 6,
 t. 1, f. 5 ; *id.*, *Ann. Soc. Ent. Fr.*, (6s.) ix, 1889, p. 452.
 var. *politus*, Sharp, *Dytisc.*, p. 332. Australia.
 Hab. Cochinchina, Cambodia, Sumatra, Australia.
- Beavoulodril**, Sharp, *Dytisc.*, p. 335.
 Hab. N. India.
- carbonarius** (*Hydroporus*), Clark, *Trans. Ent. S. Lon.*, (3s.) i, 1863, p. 423 : Sharp'
Dytisc., p. 790.
 Hab. China, ? Java.
- castaneus**, Motschulsky, *Et. Ent.*, 1855, p. 82 : Sharp, *Dytisc.*, p. 334 : Régimb.,
Ann. Mus. Civ. Gen., (2a.) vi, 1888, p. 613.
 Hab. India, Rangoon, Celebes.
- confertus**, Sharp, *Dytisc.*, p. 329.
 Hab. Siam.
- consanguineus**, Régimbart, *Notes Leyden Mus.* ii, 1880, p. 212 ; Midden Sumatra, iv,
 6, t. i, f. 6.
 Hab. Sumatra.
- ferrugatus** (*Oxygnophilus*), Régimbart, *Ann. Soc. Ent. Fr.*, (5a.) vii, 1877, p. 36 ; *ib.*,
Bull., *l.c.* p. lxxix ; *id.*, *Ann. Mus. Civ. Gen.*, (2a.) vi, 1888, p. 612 : Sharp,
Dytisc., p. 814.
elevatus, Sharp, *Dytisc.*, p. 328.
 Hab. Burma, Indo-China, Sumatra, Java, Celebes, Philippines.
- fractus**, Sharp, *Dytisc.*, p. 330.
 Hab. Siam.
- fulvescens**, Motschulsky, *Et. Ent.*, viii, 1859, p. 43 : Sharp, *Dytisc.*, p. 326 : Régimb.,
Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 611.
 Hab. India ; Burma, Rangoon.
- fusculus**, Sharp, *Dytisc.*, p. 326.
 Hab. China, Formosa, Macassar.
- laccophiloides**, Régimbart, *Ann. Mus. Civ. Gen.*, (2s.) vi, 1888, p. 612.
 Hab. Burma, Bhamo.
- maculatus**, Sharp, *Dytisc.*, p. 332, 973.
 ? = *maculatus*, Motsch., *Et. Ent.*, 1859, p. 42 : Sharp, *Dytisc.*, p. 814, 973.
 Hab. N. India, Mesopotamia.
- nigrita**, Sharp, *Dytisc.*, p. 333.
 Hab. Philippines, Australia
- obscurus**, Motschulsky, *Et. Ent.*, 1859, p. 43 : Sharp, *Dytisc.*, p. 815.
 Hab. Ceylon.

- obtusus**, Motschulsky, *l.c. supra*, 1855, p. 82 : Sharp, *Dytisc.*, p. 331.
Hab. India.
- orientalis** (*Hydroporus*), Clark, *Trans. Ent. S. Lon.*, (3s.) i, 1863, p. 427 : Sharp, *Dytisc.*, p. 805, 973.
Hab. China, Danes Island, Siam.
- picipennis**, Motschulsky, *Et. Ent.*, 1859, p. 40 : Sharp, *Dytisc.*, p. 334.
Hab. Ceylon, Siam, Bangkok.
- pudivus** (*Hydroporus*), Clark, *Trans. Ent. S. Lon.*, (3s.) i, 1863, p. 426 : Sharp, *Dytisc.*, p. 807.
Hab. Java.
- pumilus**, Sharp, *Dytisc.*, p. 331.
Hab. India, Sumatra.
- punctipennis**, Motschulsky, *Et. Ent.*, 1859, p. 41 : Sharp, *Dytisc.*, p. 815.
Hab. India.
- pusillus**, Régimbart, *Ann. Mus. Civ. Gen.*, xvi, 1881, p. 620.
Hab. India, Sumatra, Philippinæ.
- rufescens**, Motschulsky, *Et. Ent.*, 1859, p. 41 : Sharp, *Dytisc.*, p. 815.
Hab. India.
- rufoniger** (*Hyphidrus*), Clark, *Trans. Ent. S. Lon.*, (3s.) i, 1863, p. 423 : Sharp, *Dytisc.*, p. 334.
Hab. China, Siam, Java.
- seminarius**, Motschulsky, *Et. Ent.*, 1859, p. 41 : Sharp, *Dytisc.*, 815.
Hab. India.
- subrotundatus**, Motschulsky, *Et. Ent.*, 1859, p. 41 : Sharp, *Dytisc.*, p. 815.
Hab. India.
- subtilis**, Sharp, *Dytisc.*, p. 329.
Hab. Celebes, Sumatra.
- sumatrensis**, Sharp, *Dytisc.*, p. 327.
Hab. Sumatra.
- tinotus**, Sharp, *Dytisc.*, p. 328.
Hab. Siam.
- BIDESSINI**, Sharp, *Dytisc.*, p. 336, 925.

Genus **BIDESSUS**.

- Sharp, *Dytisc.*, p. 344, 852 ; *id.*, *Biol. Centr. Amer.*, Col. i (2), p. 19 : Leconte & Horn, *Class. Col.*, p. 64.
Anodocheilus, Babington, *Trans. Ent. S. Lond.*, iii, 1838, p. 15.
Hydroglyphus, Motschulsky, *Bull. Mosc.*, xxxiv (i), 1861, p. 108.
- annamita**, Régimbart, *Ann. Soc. Ent. Fr.*, (6 s.) ix., 1889, p. 153.
Hab. Annam.
- atomus** (*Hydroporus*), Régimbart, *l.c. Bull.*, (5 s.) vii, 1877, p. lxxx ; *ib.*, *Ann.*, *l.c.* p. 361 : Sharp, *Dytisc.*, p. 788.
Hab. Philippinæ, Manilla.
- circulatus**, Régimbart, *l.c.*, *Ann.*, (6 s.) ix, 1889, p. 154.
Hab. Cochinchina.

- diffusus**, Sharp, Dytisc., p. 364.
Hab. Siam.
- sammulatus**, Sharp, Dytisc., p. 359.
Hab. China, Kiukiang.
- naviculus** (*Hydroglyphus*), Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 108 : Sharp,
Dytisc., p. 786 : (*gen. dub.*)
Hab. Ceylon.
- fuscipennis**, Sharp, Dytisc., p. 359.
Hab. Siam.
- Gestroi**, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 613.
Hab. Burma, Rangoon.
- intermixtus** (*Hydroporus*), Walker, Ann. Mag. N. H., (3 s.) ii, 1858, p. 204 : Sharp,
Dytisc., p. 358.
Hab. Ceylon, Sumatra.
- japonicus**, Sharp, Trans. Ent. S. Lond., 1873, p. 54 : Sharp, Dytisc., p. 357.
Hab. Japan, China, Kiukiang in Yangtse Valley.
- laeticulus**, Sharp, Dytisc., p. 354.
Hab. Siam, Celebes.
- nicobaricus** (*Hydroporus*), Redtenbacher, Reise Novara, Col., 1867, p. 21 : Sharp,
Dytisc., p. 802.
Hab. Nicobar Islands.
- noteroides**, Régimbart, Notes Leyden Mus., v, 1883, p. 227.
Hab. Java.
- orientalis**, Sharp, Dytisc., p. 358, 973.
Hab. Siam.
- perforatus**, Sharp, Dytisc., p. 363.
Hab. China, Kiukiang.
- pseudogeminus** (*Hydroporus*), Régimbart, Ann. Soc. Ent. Fr., (5s.) vii, 1877, p.
360 : *id.*, Bull., p. lxxix : Sharp, Dytisc. p. 807.
Hab. Manilla.
- transversus**, Sharp, Dytisc., p. 388.
Hab. Siam, Philippines.
- HYPHYDRINI** :—Sharp, Dytisc., p. 370, 927.
- Genus HYPHYDRUS.**
- Illiger, Mag. Ent., i, 1802, p. 299 : Brullé, Hist. Nat. Ins. Col., ii, p. 206 : Lacord.,
Gen. Col., i, p. 414 : Jacq. Duval, Gen. Col. Eur., i, p. 71 : Mun. Cat., p. 428, pt :
Sharp, Dytisc., p. 374, 857.
- ? *Pachytes*, Montrouzier, Ann. Soc. Ent. Fr., (3s.) viii, 1860, p. 244 : Mun. Cat.,
p. 429.
- birmanicus**, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 614.
Hab. Burma, Bhamo.
- indicus**, Sharp, Dytisc., p. 382.
Hab. India.

- lyratus*, Swartz, Schönherr's Syn. Ins., ii, 1806, p. 29, t. 4, f. a, b : Aubé, Dejean Spec., vi, p. 463 : Sharp, Dytisc., p. 383 : Régimbart, Ann. Mus. Civ. Gen., (2s) vi, 1888, p. 614 ; *id.*, Ann. Soc. Ent. Ent. Fr., (6 a.) ix, 1889, p. 162.
biulcatus, Clark, Trans. Ent. S. Lond., (3s.) i, 1863, p. 422. Malacca.
foenulipennis, W. MacLeay, Trans. Ent. Soc. N. S. Wales, ii, 1871, p. 122, ♀. Gayndah.
 var. *nigronotatus*, Clark, *l. c. supra*, p. 421.
 Hab. Burma, Bhamo, Annam, Malacca, Penang, Formosa, New Guinea, Australia.
- orientalis*, Clark, Trans. Ent. S. Lond., (3s.) i, 1863, p. 419 : Sharp, Dytisc., p. 382.
 var. *ovinius*, Clark, *l. c. supra*, p. 421.
 ,, *pulchellus* Clark, *l. c. supra*, p. 420.
 Hab. China, Formosa, Amoy, Kiukiang.
- rufus* (*Hyphidrus*), Clark, *l. c. supra*, p. 423 : (*Hyphoporus*) Sharp, Dytisc., p. 818 : (*Hyphidrus*) Régimbart, Ann. Soc. Ent. Fr., (6 a.) ix, 1889, p. 162.
 Hab. China, Annam.
- sumatrae*, Régimbart, Notes Leyden Mus., ii, 1880, p. 211 : Midden Sumatra, iv 6, t. i, p. 4.
 Hab. Sumatra.
- xanthomelas*, Régimbart, Ann. Soc. Ent. Fr., (5a.) vii, 1877, p. 361 ; *ib.*, Bull., *l. c.* p. lxxx : Sharp, Dytisc., p. 383.
 Hab. Philippines, Manilla.

HYDROPORINI— Sharp, Dytisc., p. 381, 928.

Genus **HYPHOPORUS.**

- Sharp, Dytisc., p. 390, 869.
aper, Sharp, Dytisc., p. 390.
 Hab. N. India.
- elegans*, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 616.
 Hab. Burma, Bhamo.
- elevatus*, Sharp, Dytisc., p. 390.
 Hab. N. India.
- interpulsus* (*Hydroporus*), Walker, Ann. Mag. N. H., (3s.) ii, 1868, p. 264 : Sharp, Dytisc., p. 799.
 Hab. Ceylon.
- sollexii* (*Hydroporus*), Aubé, Dejean Spec., vi, 1838, p. 564 : Sharp, Dytisc., p. 391, t. 12, f. 142.
 Hab. Egypt, Arabia, Persia, N. India.

Genus **COELAMBUS.**

- Thomson, Skand. Col., ii, 1860, p. 13 : Sharp, Dytisc., p. 894, 861 ; *id.*, Biol. Centr. Amer. Col., i (2), p. 26.
- chinensis*, Sharp, Dytisc., p. 398.
 Hab. China, Kiukiang on Yangtse.
- discedens*, Sharp, Dytisc., p. 396.
 Hab. China, Kiukiang.

Genus **DERONECTES.**

Sharp, Dytisc., p. 418, 865; *id.*, Biol. Centr. Amer., Col., i (2), p. 26 : Leconte & Horn, Class. Col., p. 64.

griseostriatus (*Dytiscus*), Degeer, Ins., iv, 1774, p. 103 : Sturm, Ins., ix, p. 21, t. 204, f. a. A. : Aubé, Dejean Spec., vi, p. 541 : Sharp, Dytisc., p. 434.

catascopium (*Hydroporus*), Say, Trans. Am. Phil. S. Philad., ii, 1825, p. 103.

interruptus (*Hydroporus*), Say, *l.c.*, iv, 1834, p. 445.

parallelus (*Hydroporus*), Say, Journ. Ac. N. S. Philad., iii, 1832, p. 153.

halensis (*Dytiscus*), Paykull, Faun. Suec., i, 1798, p. 230.

quadristriatus (*Hyphidrus*), Eschscholtz, Mém. Mosc., vi, 1823, p. 107.

? var. *Piochardii*, Régimb., Ann. Soc. Ent. Fr., (5a.) vii, 1877, p. 350 : Sharp, Dytisc., p. 806.

Hab. Alps, Pyrenees, W. Europe, Arctic Asia, Pankong Valley, N. W. Himálaya : W. America, Lake Superior [*Id. Mus.*, Pankong Valley].

indicus, Sharp, Dytisc., p. 431.

Hab. N. India.

Genus **HYDROPORUS.**

Clairville, Ent. Helv., ii, 1806, p. 182 : Aubé, Dejean Spec., vi, p. 468 : Lacord., Gen. Col., i, p. 415 : Mun. Cat., p. 429, pt. 2 : Sharp, Dytisc., p. 435, 868; *id.*, Biol. Centr. Amer., Col., i (2), p. 28 : Leconte & Horn, Class. Col., p. 64.

Graptodytes, Seidlitz, Bestimm. tab. Dytisc., in Verh. Ver. Brunn, xxv, 1867, p. 57.

Oreodytes, Seidlitz, *l.c.*, p. 57.

Yola, Gozis, Recherche, i, 1886, p. 8.

Also perhaps includes *Bidessus* and *Deronectes*, Sharp as subgenera.

aberrans, Clark, Trans. Ent. S. Lond., (3a.) i, 1863, p. 426 : Sharp, Dytisc., p. 786 (*gen. dub.*).

Hab. Java.

quadricostatus, Aubé, Dejean Spec., vi, 1838, p. 487. (*gen. dub.*).

Hab. Bombay.

OLYMBETINI, Sharp, Dytisc., p. 490 : Leconte & Horn, Class. Col., 1883, p. 65.

AGABINI, Sharp, Dytisc., p. 491, 981.

Genus **AGABUS.**

Leach, Zool. Misc., iii, 1817, p. 69, 72 : Lacord., Gen. Col., i, p. 424 : Jacq. Duval, Gen. Col. Eur., i, p. 73 : Mun. Cat., p. 452 : Sharp, Dytisc., p. 493, 876; *id.*, Biol. Centr. Amer., Col., i (2), p. 32 : Leconte & Horn, Class. Col., p. 65.

Acatodes, Thomson, Skand. Col., i, p. 13, 1859; ii, p. 53, 1860.

Anisomera, Brullé, Hist. Nat. Ins., v, 1835, p. 205 : Lacord., Gen. Col., i, p. 421.

Arctodytes, Thomson, Opusc. Ent., vi, 1874, p. 541.

Dichodytes, Thomson, Bull. Soc. Ent. Fr., (6a.) vi, 1886, p. x.

Erigenus, Thomson, Skand. Col., i, 1859, p. 14; ii, p. 55.

Gaurodytes, Thomson, *l.c.* i, p. 14; ii, p. 57 : Hult, Ent. Tidskr., 1886, p. 90, 125.

Heteronychus, Seidlitz, Verh. Verh. Brunn, xxv, 1887, p. 81.

Necticus, Hope, Col. Man., ii, 1838, p. 140.

Scytodytes, Seidlitz. *l.c. supra*, p. 81.

Xanthodytes, Seidlitz, *l.c.* p. 81.

biguttatus (*Dytiscus*), Olivier, Ent., iii, 40, 1795, p. 26, t. 4, f. 26 : Aubé, Dejean Spec., vi, p. 341 ; Grotch, Col. Hefte, ix-x, p. 205 : Sharp, Dytisc., p. 499.

fontinalis, Stephens, Ill. Brit. Ent., ii, 1828, p. 66.

melas, Aubé, *l.c. Col.*, v, 1838, p. 168, t. 20, f. 5.

nitidus, Fabr., Syst. Eleuth., i, 1801, p. 265 : Kiesenwetter, Nat. Ins., i (2), 1868, p. 108 : Régimb., Ann. Soc. Ent. Fr., (5a.) vii, p. 348.

silesiacus, Letzn., Jahrb. Schles. Ges., 1843, p. 4.

? *consanguineus*, Wollaston, Cat. Canar. Col., 1864, p. 81.

var. *nigricollis*, Zubkoff, Bull. Mosc., vi, 1833, p. 17 : Aubé, Dejean, Spec., vi, p. 335 : Régimb., Ann. Soc. Ent. Fr., (5a.) vii, p. 348.

Hab. Middle & S. Europe, Britain, N. Africa, W. Asia, [*Ind. Mus.*, Leh, Dras, Kargil].

Brandtii, Harold, M. T. Münch. Ent. Ver., iv, 1880, p. 148.

Hab. China, Peking, ? Canton.

* *dichrous*, Sharp, Jl. As. Soc. Beng., xlvii (2), 1878, p. 169, ♂

Hab. Pamir [*Ind. Mus.*, type].

Genus **PLATYNECTES.**

Régimbart, Ann. Soc. Ent. Fr., (5a.) viii, 1878, p. 454, 462 : Sharp, Dytisc., p. 538, 887.

decompunctatus (*Dytiscus*), Fabricius, Syst. Ent., 1775, p. 232 ; Spec. Ins., i, p. 294 ; Mant. Ins., i, p. 190 ; Ent. Syst., i, p. 191 ; Syst. Eleuth., i, p. 263 : Sharp, Dytisc., p. 540, t. 14, f. 175.

Mastorsii, W. MacLeay, Trans. Ent. S. N. S. Wales, ii, 1871, p. 126.

spilepterus, Germar, Linn. Ent., iii, 1848, p. 172.

? var. *lugubris*, Blanchard, Voy. Pole Sud., iv, 1853, p. 49, t. 4, f. 4 : Sharp, Dytisc., p. 754.

Hab. Java, Philippines, Ternate, New Guinea, Tasmania, Australia.

dissimilis (*Agabus*), Sharp, Trans. Ent. S. Lond., 1873, p. 60 ; Dytisc., p. 543.

Hab. Japan, China, N. India.

lineatus (*Colymbetes*), Redtenbacher, Hügel's Kaschm., iv (2), 1844, p. 503, t. 23, f. 5 : Sharp, Dytisc., p. 762.

Hab. India.

octodecimmaculatus (*Colymbetes*), MacLeay, Annul. Javan., 1825, p. 31 : Sharp, Dytisc., p. 763.

Hab. Java.

princeps, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 615.

Hab. Kakhien Hills, Tenasserim, Plapu.

procerus, Régimbart, Notes Leyden Mus., v, 1883, p. 229.

Hab. Java.

COPELATINI :—

Genus **COPELATUS.**

Erichson, Gen. Dytic., 1832. p. 38 : Aubé, Dejean Spec., vi, p. 365 : Lacord., Gen. Col., i, p. 425 : Mun. Cat., p. 457 : Sharp, Dytisc., p. 526, 892, 933 ; *id.*, Biol. Centr. Amer., Col., i (2). p. 34 : Leconte & Horn, Class. Col., p. 65.
Liopterus, Aubé, Dejean Spec., vi, 1838, p. 289 : Mun. Cat., p. 452.

andamanicus, Régimbart,

Hab. Andaman Islands, [*Ind. Mus.*, Andamans].

Doriae, Sharp, Dytisc., p. 578.

Hab. Borneo, Sarawak.

Fene, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 616.

Hab. Burma, Shwego-myo, Bhamo.

fliformis, Sharp, Dytisc., p. 563.

Hab. Himálaya.

geniculatus, Sharp, Dytisc., p. 581.

Hab. Malay Archipelago.

indicus, Sharp, Dytisc., p. 582.

Hab. India.

Javanus, Régimbart, Notes Leyden Mus. v, 1883, p. 230.

Hab. Java.

latipes, Sharp, Dytisc., p. 580.

Hab. Malacca.

oblitus, Sharp, Dytisc., p. 582.

Hab. Singapur.

quadrisignatus, Régimbart, Ann. Soc. Ent. Fr., (6s.) vii, 1877, p. 356 ; *id.*, Bull., p. lxxviii : Sharp, Dytisc., p. 769.

Hab. Philippines, Manilla.

Régimbartii, van d. Branden, Cat. Col. Carn. Aquat., 1885, p. 86.

fragilis, Régimbart, Notes, Leyden Mus., v, 1883, p. 232 (*nec Sharp*).

Hab. Java.

tenebrosus, Régimbart, *l.c.*, ii, 1880, p. 210 ; *id.*, viii, 1886, p. 240 ; Midden Sumatra, iv, 6, t. 1, f. 3 ; *id.*, Ann. Soc. Ent. Fr., (6s.) ix, 1889, p. 154.

pusillus, Sharp, Dytisc., p. 580.

Hab. Malacca, Siam, Saigon, Sumatra, Rawas ; Java.

LACCONNECTINI :—

Genus **LACCONNECTES.**

Motschulsky, Et. Ent., 1855, p. 83 : Mun. Cat., p. 446 : Sharp, Dytisc., p. 598, 894, 933.

basalis, Sharp, Dytisc., p. 598, t. 16, f. 190 : Régimb., Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 616.

Hab. Siam, Cambodia ; Burma, Teintso, Shenmaga, Palon.

fulvescens, Motschulsky, Et. Ent., 1855, p. 83 : Sharp, Dytisc., p. 598 : Régimb., Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 616.

Hab. India, Burma, Palon, Tennaserim.

Ritsenmae, Régimbart, Notes Leyden. Mus., v, 1883, p. 229.
Hab. Java.

COLYMBETINI :—Sharp, Dytisc., p. 605, 924.

Genus **RHANTUS**.

Boisd. & Lacord, Faun. Ent. Par., i, 1835, p. 809 : Mun. Cat., p. 448 : Sharp, Dytisc., p. 607, 899 ; *id.*, Biol. Centr. Amer., Col., i, (2), p. 42 ; *Leconte & Horn*, Class. Col., p. 66.

Rantus, Eschscholtz, Dejean Cat. 3 *ed.*, p. 61 (*in ed.*).

interclusus (*Colymbetes*), Walker, Ann. Mag. N. H., (3s.) ii, 1859, p. 204 : Sharp, Dytisc., p. 762.

Hab. Ceylon.

punctatus (*Dytiscus*), Fourcroy, Ent. Paris, i, 1785, p. 70.

australis (*Colymbetes*), Aubé, Dejean Spec., vi, 1833, p. 236.

conspersus (*Dytiscus*), Gyllenhal, Ins. Saec., i, 1808, p. 432 : Aubé, l. c., p. 237.

discoicollis (*Colymbetes*), Aubé, l. c. *supra*, p. 250 : Sharp, Dytisc., p. 759.

? *Montrouzierii* (*Colymbetes*), Lucas, Ann. Soc. Ent. Fr., (3s.) viii, 1860, p. 243.

notatus, Lacordaire, Faun. Ent. Paris, i, 1835, p. 811.

guloerosus (*Colymbetes*), Stephens, Ill. Brit. Ent., ii, 1829, p. 69, t. 12, f. 2 : Sturm, Ins., viii, p. 78, t. 194 : Sharp, Dytisc., p. 609.

rufimanus, White, Voy. Erebus & Terror, Zool., xi, 1846, p. 6.

? *suturalis* (*Colymbetes*), MacLeay, Annul. Javan., 1825, p. 31 : Sharp, Dytisc., p. 766.

? *viduicollis* (*Colymbetes*), Hochhuth, Chaud. Enum. Carab., 1846, p. 216 : Sharp, Dytisc., p. 766.

Hab. New Zealand, Tasmania, Australia, New Caledonia, Java, Assam, N. W. Himalaya, China, S. Japan, Mesopotamia, Egypt, Algeria, S. & Middle Europe [*Ind. Mus.* var. Kargil (Turkistan), N. Khasiya Hills, Sikkim, S. India.]

DYTISCINI :—Leconte & Horn, Class. Col., 1833, p. 66.

Hydaticini, Sharp, Dytisc., p. 647, 929.

Genus **PRODATICUS**.

Sharp, Dytisc., p. 648, 906.

picus, Sharp, Dytisc., p. 648, t. 17, f. 206.

Hab. N. India, Persia, [*Ind. Mus.* Biluchistan.]

Genus **HYDATICUS**.

Leach, Zool. Misc., iii, 1817, p. 69 : Brullé, Hist. Nat. Ins. Col., ii, p. 217 :

Lacord., Gen. Col., i, p. 431 : Jacq. Duval, Gen. Col. Eur., i, p. 75 : Mun. Cat., p. 464 : Sharp, Dytisc., p. 648, 907 ; *id.*, Biol. Centr. Amer., Col., i, (2), p. 43 :

Leconte & Horn, Class. Col., p. 67.

agaboides, Sharp, Dytisc., p. 663.

Hab. Cochinchina.

aruspex, Clark, Trans. Ent. S. Lond., (3s.) ii, 1864, p. 212 : Sharp, Dytisc., p. 778.

Hab. China.

- rhinatus*, Aubé, Dejean Spec., vi, 1838, p. 174 : Sharp, Dytisc., p. 656, t. 17, f. 207 : Régimbart, Ann. Soc. Ent. Fr., (6s.) ix, 1889, p. 155.
decidens, Walker, Ann. Mag. N. H., (8s.) ii, 1858, p. 204. Ceylon.
fractifer, Walker, l. c., p. 204. Ceylon.
pacificus, Aubé, Dejean Spec., vi, 1838, p. 177. Timor.
trivittatus (Colymbetes), Montrouzier, Ann. Soc. Agric. Lyon, viii (i), p. 8 : Sharp, Dytisc., p. 766. Woodlark Island.
 var. *batavianensis*, Sharp, Dytisc., p. 659. Batchian.
 { *Goryi*, Aubé, Dejean Spec., vi, 1838, p. 175 : Sharp, Dytisc., p. 658
Banksii, Crotch, Col. Heftte, ix-x, 1872, p. 205. Malaya.
Clairvillei, Montrouzier, Ann. Soc. Ent. Fr., (8s.) viii, 1860, p. 242 : Sharp, Dytisc., p. 758.
ruficollis, Fabr., Mant. Ins., i, 1787, p. 189 ; *id.*, Ent. Syst., i, p. 189 ; Syst. Eleuth., i, p. 267 : Olivier, Ent., iii, 40, p. 15, t. 2, f. 10.
scriptus, Blanchard, Voy. Pole Sud., iv, 1853, p. 46, t. 4, f. 1. Australia.
 var. *ittigianus*, Régimbart, Notes Leyden Mus., ii, 1880, p. 210 ; Midden Sumatra, iv, 6, t. 1, f. 2. Sumatra, Moeara Laboe.
 { *luctuosus*, Aubé, Dejean Spec., vi, 1838, p. 179 : Sharp, Dytisc., p. 657 : Régimbart, Ann., Soc. Ent. Fr., (6s.) ix, 1889, p. 154. Philippines.
moluccarum, Sharp, Dytisc., p. 656. Batchian.
 Hab. India, Burma, Ceylon, Indo-China, Philippines, Eastern Archipelago, New Caledonia, Australia, Tasmania [*Ind. Mus.* Andamans].
Bewringii, Clark, Trans. Ent. S. Lond., (3s.) ii, 1864, p. 214, t. 14, f. 3 : Sharp, Dytisc., p. 670.
 Hab. Japan, China, ? Australia.
concolor, Sharp, Dytisc., p. 661.
 Hab. Cochinchina.
dinentoides, Sharp, Dytisc., p. 657.
 Hab. Borneo.
Fabricii (Colymbetes), MacLeay, Annul. Javan., 1825, p. 31 : Sharp, Dytisc., p. 663 : Régimbart, Ann. Soc. Ent. Fr., (6s.) ix, 1889, p. 155.
rufulus, Aubé, Dejean Spec., vi, 1838, p. 199. Java.
 ? *varius*, Fabr., Ent. Syst., i, 1792, p. 195 ; Syst. Eleuth., i, p. 267 : Olivier, Ent., iii, 40, t. 2, f. 17.
 Hab. India, Ceylon, Andamans, Malaya, Siam, Saigon, China, Borneo, Sumatra, Java, Celebes, Philippines [*Ind. Mus.*, Andamans, Berhampur].
histris, Clark, Trans. Ent. S. Lond., 1864, p. 221, t. 14, f. 5 : Sharp, Dytisc., p. 780.
 Hab. N. India.
incertus, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 617.
 Hab. Burma, Bhamo.
Leander, Rossi, Fauna Etrusc., i, 1790, p. 202 : ? Olivier, Ent., iii, 40, p. 22, t. 3, f. 25 : Aubé, Dejean Spec., vi, p. 198 : Sharp, Trans. Ent. S. Lond., 1873, p. 49 ; *id.*, Dytisc., p. 662 : Régimb., Notes Leyden Mus., xi, 1889, p. 61.
 ? *Nassielii*, Fairmaire, Bull. Soc. Ent. Fr., 1859, p. lii : Sharp, Dytisc., p. 780.
 var. ? *confusus*, Boheman, Freg. Eug. Rea, Col., 1858, p. 21.
 " *fuscocontris*, Reiché, Ann. Soc. Ent. Fr., 1855, p. 369.
 Hab. S. Europe, N. Africa, Palestine, Madagascar, Philippines.

philippinensis, Wehncke, Stettin. Ent. Zeit., xxxvii, 1876, p. 197 : Sharp, Dytisc., p. 782 : Régimbart, Ann. Soc. Ent. Fr., (5a.) vii, 1877, p. 356.

duplea, Sharp, Dytisc., p. 669. Borneo.

Levilloti, Régimbart, Bull. Soc. Ent. Fr., (5a.) vii, 1877, p. lxxviii.

Hab. Borneo, Philippines, Manilla.

rectangulus, Sharp, Dytisc., 669.

Hab. Persia, N. India, Kulu, Kangra [*Ind. Mus.*, Biluchistan].

rhantoides, Sharp, Dytisc., p. 664.

Hab. Formosa, Japan, Manchuria.

sesquivittatus, Fairmaire, Le Nat., ii, 1880, p. 164.

Hab. Middle China.

vittatus (*Dytiscus*), Fabr., Syst. Ent., App., 1775, p. 825 ; *id.*, Spec. Ins. i, p. 293, Mant. Ins., i, p. 190 ; Ent. Syst., i, p. 190 ; Syst. Eleuth., i, p. 262 ; Olivier, Ent., iii (40), p. 20, t. 1, f. 5 : Gmelin, *ed.* Syst. Nat., p. 1946 : Aubé, Dejean, Spec., vi, p. 208 : Sharp, Dytisc., p. 670 : Régimb., Ann. Mus. Civ. Gen., (2a.) vi, 1888, p. 618.

quadrivittatus, Blanchard, Voy. Pole Sud, iv, 1853, p. 48, t. 4, f. 3.

var. *bipunctatus*, Wehncke, Stettin Ent. Zeit., xxxvii, 1876, p. 196.

Hab. Japan, Manchuria, China, Formosa, Philippines, Siam, Burma, Malacca, India, Ceylon, Saigon, Borneo, Java, Sumatra, Celebes, Batchesian, Menado, Australia [*Ind. Mus.*, Assam, Sibeágar, Berhampur, Utakamand Madras].

THERMONECTINI :—Sharp, Dytisc., p. 672, 490.

Genus SANDRACOTTUS.

Sharp, Dytisc., p. 685, 910.

Baerli (*Hydaticus*), Régimbart, Bull. Soc. Ent. Fr., (5a.) vii, 1877, p. lxxvii ; *id.*, Ann., p. 355 : Sharp, Dytisc., p. 779.

Hab. Philippines, Manilla.

Dejeanti (*Hydaticus*), Aubé, Dejean Spec., vi, 1838, p. 165 : Sharp, Dytisc., p. 686.

?=*fasciatus*, Fabr., q. v.

Hab. India [*Ind. Mus.*, Burma, Sahibganj, Murshidabad.]

fasciatus (*Dytiscus*), Fabr., Syst. Ent. App., 1775, p. 825 ; Spec. Ins., i, p. 293 ; Mant. Ins., i, p. 190 ; Ent. Syst., i, p. 189 ; Syst. Eleuth., i, p. 261 : Olivier, Ent., iii, 40, p. 18, t. 2, f. 19 : Gmelin, *ed.* Syst. Nat., i (4) p. 1947 : Aubé, Dejean Spec., vi, p. 151 : Régimbart, Ann. Mus. Civ., Gen., (2 s.) vi, 1888, p. 618.

Hunterii, Crotch, Col. Hefte, ix-x, 1872, p. 205 : Sharp, Dytisc., p. 683.

mixtus, Blanchard, Voy. Pole Sud, iv, 1853, p. 47, t. 4, f. 2, Timor.

var. *Chevroletii*, Aubé, Dejean Spec., vi, 1838, p. 164 : Sharp, Dytisc., p. 686, t. 18, f. 214.

Hab. E. and S. Asia, India, Burma, Ceylon, Timor [*Ind. Mus.*, Sikkim].

festivus (*Dytiscus*), Illiger, Mag. Ins., i, 1802, p. 166 : Aubé, Dejean Spec., vi, p. 162 : Sharp, Dytisc., p. 686.

Hab. China, India, Ceylon [*Ind. Mus.*, Ceylon].

insignis, Wehncke, Stettin Ent. Zeit., xxxvii, 1876, p. 194 : Sharp, Dytisc., p. 687.

Hab. Philippines.

maculatus, Wehncke, Stettin. Ent. Zeit., 1876, p. 196 : Sharp, Dytisc., p. 690.

Hab. Malayan Peninsula.

nauticus, Sharp, Dytisc., p. 690.

Hab. Borneo.

ornatus, Sharp, *l. c.* p. 689.

Hab. Borneo.

Genus RHANTATICUS.

Sharp, Dytisc., p. 691, 911.

signatipennis (*Hydaticus*), Lap. de Casteln., Et. Ent., 1834, p. 95 : Aubé, Dejean Spec., vi, p. 158 : Sharp, Dytisc., p. 691, t. 18, f. 215 : Régimb., Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 618.

? *congestus*, Klug, Ins. Madag., 1833, p. 136 : Sharp, Dytisc., p. 691, t. 18, f. 215 (*teste*, Kolbe, Fauvel). Madagascar.

Rochasii, Montrouzier, Ann. Soc. Linn. Lyon, 1864, p. 81.

Hab. Australia, New Caledonia, Formosa, China, Philippines, Siam, Burma, Bhamo, India, Arabia, Madagascar, Cape, Cape Verde, Ngami, Senegal, [*Ind. Mus.*, Berhampur, Bengal].

KRETINI :—

Genus ERETES.

Lap. de Casteln., Ann. Soc. Ent. Fr., i, 1832, p. 397 : Sharp, Dytisc., p. 699, 913 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 46 : Leconte & Horn, Class. Col., p. 67.

Eunectes, Erichson, Gen. Dytic., 1832, p. 23 : Aubé, Dejean Spec., vi, p. 123 : Brullé, Hist. Nat. Ins. Col., ii, p. 221 : Klug, Symb. Phys., t. 33 : Lacord., Gen. Col., i, p. 429 : Jacq. Duval, Gen. Col. Eur., i, p. 76, Mun. Cat., p. 462.

sticticus (*Dytiscus*), Linn., Syst. Nat., 12 ed., 1767, p. 666 : Fabr., Syst. Ent., p. 232 ; Spec. Ins., i, p. 294 ; Mant. Ins., 1, p. 190 ; Ent. Syst., i, p. 191 ; Syst. Eleuth., i, p. 263 : Olivier, Ent., iii, 40, p. 21, t. 2, f. 11 : Klug, Symb. Phys., t. 33, f. 2 : Jacq. Duval, Gen. Col., 1857, t. 28, f. 136 : Sharp, Dytisc., p. 699 : (larva) Mayet, Bull. Soc. Ent. Fr., (6s.) vii, 1887, p. cciii : Sharp, Biol. Centr. Amer., Col., i (2), p. 46.

ovicollis, Wollaston, Ann. Mag. N. H., (3s.) viii, 1861, p. 97. Isl. St. Vincent. *griseus*, Fabr., Spec. Ins., i, p. 293 ; Mant. Ins., i, p. 190 ; Ent. Syst., i, 1792, p. 192 ; Syst. Eleuth. i, p. 263 : Olivier, Ent., iii, 40, p. 20, t. 2, f. 12 : Gmelin, *ed.* Syst. Nat., p. 1947 : Aubé, Ic. Col., v, p. 74, t. 10, f. 1. India. *helveticus*, Klug, Symb. Phys., 1834, t. 33, f. 3 : Wollaston, Trans. Ent. S. Lond., 1871, p. 222. Ambukohl, Madeira.

occidentalis, Erichson, Wieg. Arch., 1847 (1), p. 73. Peru.

picipennis, Motschulsky, Bull. Mosc., xviii (1), 1845, p. 29 ; *id.*, xxii (3), 1849, p. 77. Astrabad.

punctatus, Zoubkoff, *l. c.*, x (5), 1837, p. 66, t. 4, f. 1. Turcomania.

punctipennis, MacLeay, Trans. Ent. S. N. S. Wales, iii, 1871, p. 127. Gayndah.

subcoriaceus, Wollaston, Ann. Mag. N. H., (3s.) viii, 1861, p. 99. Madeira.

subdiaphanus, Wollaston, *l. c.*, p. 100. Canary Islands.

succineus, Klug, Symb. Phys., 1834, t. 33, f. 4. Egypt.

Hab. Europe, Africa, Egypt, N. & S. Asia, India, Singapur, Haé, Philippines, Eastern Archipelago, United States, Mexico, Peru, Guadeloupe, Galapagos [*Ind. Mus.*, Madras, Berhampur].

CYBISTRINI;—Sharp, *Dytisc.*, p. 700, 941: Leconte & Horn, *Class. Col.*, 1833, p. 67.

Genus **CYBISTER.**

- Curtis, *Brit. Ent.*, iv, 1827, p. 151: Brullé, *Hist. Nat. Ins. Col.*, ii, p. 222: Lacord., *Gen. Col.*, i, p. 427: Jacq. Duval, *Gen. Col. Eur.*, i, p. 78: Rye, *Ent. Ann.*, 1872, p. 24; Sharp, *Dytisc.*, p. 714, 918; *id.*, *Biol. Centr. Amer.*, Col., i (2), p. 47.
Trogus, Leach, *Zool. Misc.*, iii, 1817, p. 70: *Mus. Cat.*, p. 458 (*nom. grassac.*)
- bengalensis**, Aubé, *Dejean Spec.*, vi, 1838, p. 61: Sharp, *Dytisc.*, p. 741.
Hab. India, China, Szechuen.
- chinensis**, Motschulsky, *Et. Ent.*, 1853, p. 44: Sharp, *Dytisc.*, p. 742.
Hab. China, Saigon [*Ind. Mus.*, Saigon].
- cognatus**, Sharp, *Dytisc.*, p. 744.
Hab. Java.
- convexus**, Sharp, *Dytisc.*, p. 718.
Hab. India [*Ind. Mus.*, Manipur Hills, N. Khasiya Hills].
- crassus**, Sharp, *Dytisc.*, p. 743.
Hab. Assam, Silhat [*Ind. Mus.*, Sikkim].
- De Haanii**, Aubé, *Dejean Spec.*, vi, 1838, p. 101: Sharp, *Dytisc.*, p. 726.
Hab. Cambodia, Siam, Borneo.
- Dejeanii**, Aubé, *Dejean Spec.*, vi, 1838, p. 64: Sharp, *Dytisc.*, p. 771.
Hab. India, Malabar.
- extenuans** (*Dytiscus*), Walker, *Ann. Mag. N. H.*, (3s.) ii, 1858, p. 204: Sharp, *Dytisc.*, p. 773.
? = *Dejeanii*, Aubé, *q. v.*
- fumatus**, Sharp, *Dytisc.*, p. 731: Régimbart, *Ann. Soc. Ent. Fr.*, (6s.) ix, 1889, p. 155.
Hab. Malacca, Siam, Saigon.
- gracilis**, Sharp, *Dytisc.*, p. 742.
Hab. India.
- Gueriali**, Aubé, *Dejean Spec.*, vi, 1838, p. 57: Sharp, *Dytisc.*, p. 740.
Hab. Manchuria, China, Siam, Laos, Saigon, Java, Celebes.
- japonicus**, Sharp, *Trans. Ent. S. Lond.*, 1873, p. 45; *id.*, *Dytisc.*, p. 748, t. 18, f. 225.
Hab. Japan, China.
- javanus**, Aubé, *Dejean Spec.*, vi, 1838, p. 59: Sharp, *Dytisc.*, p. 743.
Hab. India, Java.
- Lewisianus**, Sharp, *Trans. Ent. S. Lond.*, 1873, p. 46; *Dytisc.*, p. 732.
Hab. Japan, China, Assam.
- limbatus** (*Dytiscus*), *Fabr. Syst. Ent.*, 1775, p. 230; *Spec. Ins.*, i, p. 292; *Mant. Ins.*, i, p. 189; *Ent. Syst.*, i, p. 188; *Syst. Eleuth.*, i, p. 258: Gmelin, *ed. Syst. Nat.*, i (4), p. 1946: Aubé, *Dejean Spec.*, vi, p. 55: Sharp, *Dytisc.*, p. 739, t. 18 f. 224: Régimbart, *Ann. Mus. Civ. Gen.*, (2s.) vi, 1888, p. 618,

- aciculatus*, Herbst, Füssely Arch., v, 1784, p. 123 : Olivier, Ent., iii (40), p. 13, t. 3, f. 30 : Gmelin, ed. Syst. Nat., i (4), p. 1952.
 var. *confusus*, Sharp, Dytisc., p. 739. India, Ceylon, China.
 " ? *zeylanicus*, Gronovius, Mus., ii, 1778, p. 164, n. 552 : Gmelin, ed. Syst. Nat., i (4), p. 1954.
 Hab. Manchuria, China, Formosa, Philippines, Burma, Kakhyen Hills, Prome, Saigon, S. India, Ceylon [*Ind. Mus.*, S. India, Utakamand, Murshidabad, Ceylon].
- nigripes*, Wehneke, Stettin Ent. Zeit., xxxvii, 1876, p. 359 : Sharp, Dytisc., p. 717.
 Hab. Borneo.
- pectoralis*, Sharp, Dytisc., p. 736.
 Hab. India.
- posticus*, Aubé, Dejean Spec. vi, 1838 p. 87 : Sharp, Dytisc., p. 718.
 Hab. India [*Ind. Mus.*, Sibságar, Murshidabad, Berhampur].
- prolixus*, Sharp, Dytisc., p. 718.
 Hab. Ceylon.
- rugosus*, MacLeay, Annul. Javan., 1825, p. 32 : Sharp, Dytisc., p. 745.
indicus, Aubé, Dejean Spec., vi, 1838, p. 62 : Régimbart, Ann. Soc. Ent. Fr., (6s.) ix, 1882, p. 155.
 Hab. India, Indo-China, Malay Archipelago.
- rugulosus (Trochatus)*, Redtenbacher, Hügel's Kaschm., iv (2), 1844, p. 502 : Sharp, Dytisc., p. 825.
 Hab. N. India.
- siamensis*, Sharp, Dytisc., p. 717.
 Hab. Siam, Andaman Islands.
- sugillatus*, Erichson, Nov. Act. Cæs. Leop., xvi, 1834, p. 227 : Sharp, Dytisc., p. 717.
disignatus, Aubé, Dejean Spec., vi, 1838, p. 88. Malacca, India [Sibságar].
notarius, Aubé, l.c. p. 90. Timor, Sumatra.
olivaceus, Boheman, Freg. Eug. Essa, Col., 1858, p. 21, Philippines.
 Hab. China, Tibet, India, Malacca, Saigon, Sumatra, Timor, Philippines, [*Ind. Mus.*, Philippines, Sibságar].
- sumatrensis*, Régimbart, Notes, Leyden Mus., v, 1883, p. 283.
 Hab. Sumatra.
- tripunctatus*, Olivier, Ent. iii, 40, 1795, p. 14, t. 3, f. 24 : Aubé, Dejean Spec., vi, p. 76 ; Gerst., Arch. f. Naturg., xxxvii, 1871, p. 244 : Sharp, Dytisc., p. 727 : Fauvel, Rev. d' Ent., ii, 1888, p. 345.
egyptiacus, Peyron, Ann. Soc. Ent. Fr., (3s.) iv, 1856, p. 722. Madagascar.
 ? *africanus*, Lap. de Casteln., Et. Ent., 1834, p. 99 : Aubé, l.c., v, p. 49, t. 3, f. 6 : Régimb., Ann. Soc. Ent. Fr., (5s.) vii, 1877, p. 347. Bourbon, Egypt.
gaydahensis, W. MacLeay, Trans. Ent. Soc. N. S. Wales, ii, 1871, p. 127. Malay Archipelago.
Gotschii, Hochhuth, Ohaudoir, Enum. Carab., 1846, p. 214. Lenkoran.
Haagii, Wehneke, Stettin, Ent. Zeit., 1876, p. 358. Nubia.
lateralis, Fabr., Ent. Syst. Suppl., 1798, p. 64 ; Syst. Eleuth., i, p. 260 : Perch., Gen. Ins., 1835, ii, 2, t. 4. Mauritius.

- meridionalis*, Géné, Mém. Ac. Turin., 1836, p. 170, t. 1, f. 8. Sardinia.
- var. *artensis*, Montrouzier, Ann. Soc. Ent. Fr., (3s.) viii, 1860, p. 241. Art Island.
- „ *asiaticus*, Sharp, Dytisc., p. 731. India, Persia, Mesopotamia [*Ind. Mus.*, Dekhan].
- „ *hamatus*, Montrouzier, Ann. Soc. Agric. Lyon, vii (1), 1857, p. 9. Woodlark, Island.
- „ *Novæ Caledoniæ*, Montrouzier, Ann. Fr., *l.c. supra*, p. 241, New Caledonia.
- „ *Temnenkii*, Aubé, Dejean Spec., vi, 1838, p. 74. Java.
- Hab. S. Europe, Africa, Madagascar, Bourbon, Mauritius, India, Ceylon, Saigon, Philippines, Java, New Guinea, New Caledonia, Oceania [*Ind. Mus.*, Andamans, Madras, Biluchistan, Calcutta, Rangoon, N. China].
- ventralis*, Sharp, Dytisc., p. 742.
- Hab. Madras.
- virens*, Müller, Zool. Dan. Prodr., 1776, p. 170.
- dispar*, Rossi, Faun. Etrusc., i, 1790, p. 199. Italy.
- dissimilis*, Bossi, Mant., i, 1792, p. 66. Italy.
- glaber*, Bergtasser, Nomencl., i, 1778, p. 50, t. 6, f. 4-5 ; t. 8, f. 4 ; t. 9, f. 2. Germany.
- intricatus*, Schaller, Schrift. Nat. Ges. Halle, i, 1783, p. 311, ♀. Sweden.
- punctulatus*, Schwarz, Nomencl., i, 1793, p. 34. Sweden.
- Roeselii*, Füssly, Verzeichn. Schw. Ins., 1775, p. 5 : Goetz, Ent. Beytr., i, 1777, Roesel, Ins., ii, Ins. Aquat., i, p. 617 : t. 2, f. 1-5 : Fabr., Ent. Syst., i, p. 188 ; Syst. Eleuth., i, p. 259 : Olivier, Ent., iii, 40, p. 13, t. 3, f. 21 a. b. : Sturm, Ins., viii, p. 62, 65, t. 192 : Jacq. Duval, Gen. Col., t. 28, f. 138 ♂ : Aubé, Dejean Spec., vi, p. 66 : Schiödte, Nat. Tidskr., 1864, p. 185, t. 7, f. 10-16 : Sharp, Dytisc., p. 747 ; *id.*, Ent. Mon. Mag., xix, p. 260. France.
- ? *tataricus*, Gebler in Ledeb.'s Reise, ii, 1830, p. 64 ; *id.*, Bull. Mosc., (2), 1850, p. 460 : Sharp, Dytisc., p. 775. Tartary.
- virescens*, Linn., Gmelin, Syst. Nat., i (4), 1788, p. 1958.
- var. *Chaudoirii*, Hochhuth, Chaud., Enum. Carab., 1846, p. 218. Lenkoran.
- „ *lepidus*, Küster, Käfer Europas, i, 1844, p. 24. Dalmatia.
- „ ? *lusitanicus*, Sharp, Dytisc., p. 747. Portugal.
- „ *politus*, Gautier, Rev. Zool., 1866, p. 179. Spain.
- „ ? *Jordanis*, Reiche, Ann. Soc. Ent. Fr., (3s.), iv, 1856, p. 637. Palestine.
- Hab. Europe, N Africa, ? India [*Ind. Mus.*, Yarkand].
- Wehnokianus*, Sharp, Dytisc., p. 737.
- Hab. ? India.

Family GYRINIDÆ.

Catalogue of the Insecta of the Oriental Region No. 5. Order Coleoptera,
Family GYRINIDÆ.—By E. T. ATKINSON, B. A.

The species of this family are of an oval form, somewhat attenuated at either end : of a bluish black colour, shining. Their habits are aquatic, and from their movements on the surface of the water, they have obtained the common name of 'whirligigs.' The arrangement proposed by Dr. M. Régimbart in his '*Monograph of the Gyrinidæ*' is followed

in the present catalogue. He has divided the family into three tribes, *Enhydrini*, *Gyrinini*, and *Oreochilini*, and describes the then known species. His preface notices the details of the structure and is illustrated by figures.

Régimbart, M :—

- 'Essai monographique de la famille des Gyrinides,' in *Annales de la Société entomologique de France*, 6th series, ii, p. 379, 1882 : iii, p. 121, 381, 1883 : Supplement vi, p. 217, 1886. It will be convenient to cite the whole as '*Mon.*'
- 'Monographie du genres *Enhydrus* et *Porrhynchus*,' in same, (5a.) vii, 1877, p. 105.
- 'Gyrinides de Birmanie,' in *Ann. Mus. Civ. Gen.*, (2s.) vi, 1888, p. 619.

Family GYRINIDÆ.

Leach, *Edinb. Encycl.*, 1815 ; Brullé, *Hist., Nat. Ins.*, ii, 1835, p. 226 : Jacq. Duv., *Gen. Col.*, i, p. 79 : Lacord., *Gen. Col.*, i, 1854, p. 433 : Leconte & Horn, *Class. Col.*, 1883, p. 68 : Régimbart, *Monograph*, 1882, p. 379.

ENHYDRINI :—Régimbart, *Mon.*, 1882, p. 392.

Genus DINEUTES.

MacLeay, *Annul. Javan.*, 1825, p. 30 : Aubé, *Dejean Spec.*, vi, p. 761 : Brullé, *Hist. Nat. Ins. Col.*, ii, p. 240 : Lacord., *Gen. Col.*, i, p. 439 : Mun. Cat., p. 471 : Régimbart, *Mon.*, 1882, p. 394 : Sharp, *Biol. Centr. Amer., Col.*, i (2), p. 49 : Leconte & Horn, *Class. Col.*, p. 69.

Cyclinus, Kirby, *Faun. Bor. Amer.*, iv, 1837, p. 78. :

australis (*Gyrinus*), *Fabr. Syst. Ent.*, 1775, p. 235 ; *Spec. Ins.*, i, p. 298 ; *Mant. Ins.*, i, p. 194 ; *Ent. Syst.*, i, p. 203 ; *Syst. Eleuth.*, i, p. 275 : Oliv., *Ent.*, iii, 41, p. 12, t. 1, f. 4 : Aubé, *Dejean Spec.*, vi, p. 785 : Schaum, *Stettin. Ent. Zeit.*, 1847, p. 54 : Fauvel, *Bull. Soc. Linn. Norm.*, i, 1867, t. i, f. 13 : Redtenb., *Reise Novara, Col.*, p. 24 : Régimb., *Mon.*, 1882, p. 422, t. 12, f. 43, 43a.

? *dentatus*, Suffrian, *Stettin. Ent. Zeit.*, 1842, p. 256. Australia.

? *leucopoda*, Montrouzier, *Ann. Soc. Ent. Fr.*, (3s.) viii, 1860, p. 245, ♀.

? *limbatus*, MacLeay, *Annul. Javan.*, 1825, p. 80.

Hab. India, Malacca, Sunda Isles, Philippines, New Caledonia, Australia, New Zealand [*Ind. Mus.*, Hong-Kong].

ciliatus, Forsberg, *Nov. Acta Upsal.*, viii, 1821, p. 312.

Hab. India.

fulgidus, Régimbart, *Notes Leyden Mus.*, ii, 1880, p. 213 ; *id.*, *Mon.*, 1882, p. 398 :

Midden Sumatra, iv, 6, t. i, f. 8.

Hab. Sumatra, Alahan Pandjang.

commis, Thunberg, *Mus. Nat. Acad. Upsal.*, iv, 1787, p. 45.

Hab. India.

hastatus (*Gyrinus*), Fabricius, *Syst. Eleuth.*, i, 1801, p. 275.

Hab. India.

indicus, Aubé, *Dejean Spec.*, vi, 1838, p. 772 : Régimb., *Mon.*, 1882, p. 405.

Hab. India, [*Ind. Mus.* Assam, Berhampur, Vizagapatam, Biluchistan].

indus (*Gyrinus*), Fabricius, Ent. Syst. Suppt, 1798, p. 65 : Forab., Nov. Acta Upsal., viii, p. 302 : Régimb., *Mon.*, 1882, p. 401, t. ii, f. 27, 27a.

praemorsus, Fabr., Syst. Eleuth., i, 1801, p. 275 : Aubé, Dejean Spec., vi, p. 765 : Brullé, Hist. Nat. Ins. Col., ii, p. 240, t. 10, f. 5.

Hab ? India, Mauritius, Bourbon, Mascarene Islands, New Caledonia.

marginatus, Sharp, Trans. Ent. S. Lond., 1873, p. 56 : Régimb., *Mon.*, 1882, p. 425, t. 12, f. 47, 47a.

quadrispinus, Fairmaire, Ann. Soc. Ent. Fr., (5a.) viii, 1878, p. 88.

Hab. Japan, Manchuria, China, India, New Guinea.

Mellyi, Régimbart, *Mon.*, 1882, p. 399.

Hab. China.

politus, MacLeay, Annul. Javan., 1825, p. 30 : Aubé, Dejean Spec., vi, p. 762 : Redtenb., Reise Novara, Col., p. 24 : Régimb., *Mon.*, p. 396, t. ii, f. 24.

? *Kollmanni*, Perty, Obs. Col. Ind., 1831, p. xxxii.

Hab. Java, Timor, Australia [*Ind. Mus.*, Java.].

sinuosipennis, Lap. de Casteln., Hist. Nat. Ins. Col., i, 1840, p. 171.

Hab. Tibet.

spinosus (*Gyrinus*), Fabr., Spec. Ins., 1781, p. 296 ; Mant. Ins., i, p. 194 ; Ent. Syst., i, p. 203 ; Syst. Eleuth., i, p. 203 : Olivier, Ent., iii, 41, p. 13, t. 1, f. 7 : Gmelin, ed. Syst. Nat., p. 1612 : Aubé, Dejean Spec., vi, p. 789 : Régimb., *Mon.*, 1882, p. 425, t. 12, f. 48, 48a ; *id.*, Ann. Mus. Civ. Gen., (2a.) vi, 1888, p. 619.

Hab. India, Coromandel, Burma, Bhamo, Teintao, Katha, Rangoon, Siam, Borneo [*Ind. Mus.*, Bérhampur, Madras].

subspinosus (*Gyrinus*), Klug, Symb. Phys., iv, 1829, t. 34, f. 9 : Aubé, Dejean Spec., vi, p. 786 : Régimb., *Mon.*, 1882, p. 423, t. 12, f. 45.

? *dentipennis*, MacLeay, Annul. Javan., 1825, p. 30.

Hab. Senegal, Mauritius, Madagascar, Canaries, Nubia, Egypt, Palestine, Syria, India.

undentatus, Aubé, Dejean Spec., vi, 1838, p. 788 : Régimb., *Mon.*, 1882, p. 424 ; *id.*, Ann. Soc. Ent. Fr., (6a.) ix, 1889, p. 156.

Hab. India, Saigon, China [*Ind. Mus.*, Calcutta].

Genus PORRORHYNCHUS.

Lap. de Casteln., Et. Ent., 1834, p. 108 : Brullé, Hist. Nat. Ins. Col., ii, p. 239 : Lacord., Gen. Col., i, p. 440 : Mun. Cat., p. 473 : Régimbart, *Mon.*, 1882, p. 427.

indicans, Walker, Ann. Mag. N. H., (3a.) ii, 1858, p. 205.

brevirostris, Régimbart, Ann. Soc. Ent. Fr., (5a.) vii, 1877, p. 113, t. 6, f. 5.

♂ ; *id.*, *Mon.*, 1882, p. 429, t. 12, f. 50 ; *ib.*, 1886, p. 250.

Hab. Ceylon, Java.

marginatus, Lap. de Casteln., Et. Ent., 1834, p. 108 : Aubé, Dejean Spec., vi, p. 759 : Brullé, Hist. Nat. Ins., ii, p. 239, t. 10, f. 4 : Lacord., Gen. Col. Atlas, t. 13, f. 4 : Régimb., *Mon.*, Ann. Soc. Ent. Fr., (5a.) vii, 1877, p. 110 t. 6, f. 8, ♂ ; *id.*, *l.c.*, 1882, p. 427, t. 12, f. 49, 49a.

var. *lenirostris*, Régimb., Ann. Soc. Ent. Fr., (5a.) vii, 1877, p. 111, t. 6, f. 4, ♂ ; *id.*, *Mon.*, 1882, p. 428.

Hab. Java, Borneo, CochinChina, Siam, [*Ind. Mus.* Tenasserim].

GYRININI:—Régimbart, *Mon.*, 1883, p. 124.

Genus **AULONOGYRUS.**

(Motschulsky), Régimbart, *Mon.*, 1883, p. 124.

obliquus (*Gyrinus*), Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 205 : Régimb., *Mon.*, 1883, p. 137

Hab. Ceylon, S. India, [*Ind. Mus.* S. India].

Genus **GYRINUS.**

Geoffroy, Ina. Paris., i, 1762, p. 193 : Fabr., Syst. Ent., p. 284 : Syst. Eleuth., i, p. 274 : Latr., Hist. Nat. Crust., Ins., iii p. 75 : Brullé, Hist. Nat. Ins. Col., ii, p. 235 : Aubé, Dejean Spec., vi, p. 655 : Suffrian, Stettin Ent. Zeit., 1842, p. 43 : Lacord., Gen. Col., i, p. 438 : Jacq. Duval, Gen. Col. Eur., i, p. 79 : Mun. Cat., p. 468 : Régimbart, *Mon.*, 1883, p. 141 : Sharp, Biol. Centr. Amer., Col., i (2), p. 50 : Leconte & Horn, Class. Col., p. 69.

ceylonicus, Régimbart, *Mon.*, 1883, p. 164.

Hab. Ceylon.

convexiusculus, W. MacLeay, Trans. Ent. S. N. S. Wales, ii, 1871, p. 132 : Régimb., *Mon.*, 1883, p. 166, t. 6, f. 88.

nitidulus, pt., Aubé, Dejean Spec., vi, 1838, p. 700.

Hab. India, Madras, China, Kiangsi, Tibet, New Caledonia, Australia, [*Ind. Mus.*, Madras].

Dejeanii, Brullé, Exped. Morée, iii, 1832, p. 128, t. 34, f. 10 : Lap. de Casteln., Hist. Nat. Ins. Col., i, p. 170 : Régimb., *Mon.*, 1883, p. 169.

acutus, Aubé, Dejean Spec., vi, 1838, p. 690 ; Ic. Col., v, p. 389, t. 44, f. 4 :

Kirby, Faun. Bor. Amer., p. 80.

nitens, Suffrian, Stettin Ent. Zeit., 1842, p. 254.

Hab. S. Europe, N. Africa, Canaries, China, Kiangsi.

indicus, Aubé, Dejean Spec., vi, 1838, p. 689 : Régimb., *Mon.*, 1883, p. 173.

Hab. India.

nitidulus, Fabricius, Ent. Syst. Suppl., 1798, p. 66 ; Syst. Eleuth., i, p. 276 : Dejean, Spec., vi, p. 700 : Régimb., *Mon.*, 1883, p. 165, t. 6, f. 87.

Hab. India, Pondicherry, Bourbon, Mauritius.

oceanicus, Régimbart, *Mon.*, 1883, p. 164.

Hab. Philippines.

orientalis, Régimbart, *Mon.*, 1883, p. 167.

Hab. China.

sericeolimbatus, Régimbart, *Mon.*, 1883, p. 185.

Hab. Java, Celebes, Philippines.

amaragdinus, Régimbart.

Hab. Assam [*Ind. Mus.*, N. Khasiya Hills].

tenuistriatus, Régimbart, *Mon.*, 1883, p. 144.

Hab. Philippines.

viridimaculatus, Régimbart, Ann. Soc. Ent. Fr. (6s.) x, 1890.

Hab. India, Khasiya Hills.

ORECTOCHILINI.—Régimbart, *Mon.*, 1883, p. 387.

Genus **ORECTOCHILUS**.

Lacordaire, Faun. Ent. Paris, i, 1835, p. 344; Gen. Col., i, p. 44; Jacq. Duval, Gen.

Col. Eur., i, p. 89; Mun. Cat., p. 474; Régimb., *Mon.*, 1883, p. 410.

Patrus, Aubé, Dejean Spec., vi, 1838, p. 724; Lacord., Gen. Col. i, p. 441;
Mun. Cat., p. 475.

andamanicus, Régimbart, *Mon.*, 1883, p. 435, t. 12, f. 138; *id.*, Suppl. 1886, p. 265.

Hab. Andaman Islands, Calcutta [*Ind. Mus.*, Andamans].

angulatus, Régimbart, Ann. Mus. Civ. Gen., xviii, 1882, p. 72; *id.*, *Mon.*, 1883, p. 421, t. 12, f. 128.

Hab. Borneo, Sarawak.

Bacril, Régimbart, *Mon. Suppl.*, 1886, p. 262.

Hab. Philippines, Manilla.

bipartitus, Régimbart, Notes Leyden Mus., iv, 1882, p. 65; *id.*, *Mon.*, 1883, p. 426, t. 12, f. 132.

Hab. Java.

cardiophorus, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 620.

Hab. Burma, Kakhien Hills, Tenasserim, P'lapa [*Ind. Mus.*, Tenasserim].

Castetii, Régimbart, Ann. Soc. Ent. Fr., (6s.) x, 1890.

Hab. Madras, Kodeikanal Hills.

ceylonicus (*Gyrotus*), Redtenbacher, Reise Novara, Zool. ii, Col., 1867, p. 24, t. 1,

f. 10; Régimb., *Mon.*, 1883, p. 416, t. 12, f. 125, 125a.

conspicuus, Régimbart, Notes Leyden Mus., iv, 1882, p. 64.

Hab. India, Madras, Ceylon [*Ind. Mus.*, Tenasserim].

cordatus, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 621.

Hab. Burma, Tenasserim, Thagata.

corpulentus, Régimbart, *Mon.*, 1883, p. 411, t. 12, f. 121; *id.*, Ann. Mus. Civ. Gen. (2s.) vi, 1888, p. 619.

Hab. Burma, Tenasserim, Borneo [*Ind. Mus.*, Tenasserim].

crassipes, Régimbart, *Mon.*, 1883, p. 411, t. 12, f. 120.

Hab. Borneo.

cribellatus, Régimbart, Ann. Soc. Ent. Fr., (6s.) x, 1890.

Hab. India

cylindricus, Régimbart, *l. c.*

Hab. India.

Deogodini, Régimbart, *Mon. Suppl.*, 1886, p. 260, t. 4, f. 10.

Hab. Darjiling, Padong.

dilatatus (*Patrus*), Redtenbacher, Reise Novara, Zool. ii, Col., 1867, p. 25, t. 1, f.

12; Régimb., *Mon.*, 1883, p. 419, t. 12, f. 126.

Hab. Madras, Ceylon.

- discifer* (*Gyrinus*), Walker, Ann. Mag. N. H., (3s.) iii, 1859, p. 51 : (*Gyretes*)
Bedtónb., Reise Novara, Zool. ii, Col., 1867, p. 24, t. 1, f. 11 : Régimb., *Mon.*,
1883, p. 416.
Hab. Ceylon, Malacca [*Ind. Mus.* Kodeikanal Hills, Madras].
- discus*, Aubé, Dejean Spec., vi, 1838, p. 743 : Régimb., *Mon.*, 1883, p. 422.
Hab. Philippines.
- Fairmairei*, Régimbart, *Mon.*, 1883, p. 428, t. 12, f. 135.
Hab. Ceylon.
- Fene*, Régimbart, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 621.
Hab. Burma, Tenasserim, Thagata.
- fraternus*, Régimbart, *Mon.*, 1883, p. 417, t. 12, f. 142.
Hab. Ceylon.
- gangeticus* (*Gyrinus*), Wiedemann, Germar Mag. Ent., iv, 1821, p. 119 : Aubé,
Dejean Spec., vi, p. 740 : Régimb., *Mon.*, 1883, p. 434, t. 12, f. 137 a. b.
Hab. India, Java [*Ind. Mus.*, Murshidabad, Jessore].
- Gestroii*, Régimbart, Ann. Mus. Civ. Gen., xviii, 1882, p. 72 ; *id.*, *Mon.*, 1883, p. 438,
t. 12, f. 140.
Hab. Borneo, Sarawak.
- indicus*, Régimbart, *Mon.*, 1883, p. 435, ♀.
Hab. India.
- Javanus* (*Patrus*), Aubé, Dejean Spec., vi, 1838, p. 725 ; *id.*, Ia. Col., v, p. 398, t. 46, f.
1 : Lacord., Gen. Col., i, p. 442 : Régimb., *Mon.*, 1883, p. 420, t. 12, f. 129,
129a.
Hab. Java.
- limbatus*, Régimbart, *Mon.*, 1883, p. 424, ♀.
Hab. India.
- lucidus*, Régimbart, Notes Leyden Mus., iv, 1881, p. 66 ; *id.*, *Mon.*, 1883, p. 425, t. 12,
f. 131, ♀ : *id.*, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 623.
Hab. Java, Burma, Rangoon.
- marginipennis*, Aubé, Dejean Spec., vi, 1838, p. 744 : Régimb., *Mon.*, 1883, p. 429,
t. 12, f. 133, a. b.
rubricatus, Régimb., Notes Leyden Mus., ii, 1880, p. 215 : Midden Sumatra,
iv, 6, t. 1, f. 10.
Hab. Java, Sumatra.
- metallicus*, Régimbart, *Mon.*, 1883, p. 418, t. 12, f. 143, ♀ : *id.*, Suppt, 1886, p. 262.
Hab. India, Padong in Sikkim.
- Oberthurii*, Régimbart, *Mon.*, 1883, p. 423.
Hab. Philippines.
- oblongiusculus*, Régimbart, *Mon. Suppt.*, 1886, p. 262, t. 4, f. 11.
Hab. Sikkim, Padong.
- procerus*, Régimbart, *Mon.*, 1883, l. c., p. 415.
Hab. Cochinchina.

- productus**, Régimbart, *Mon.*, 1883, p. 422, t. 12, f. 130; *Ann. Soc. Ent. Fr.*, (6s.) ix, 1889, p. 156; *id.*, *Ann. Mus. Civ. Gen.*, (2s.) vi, 1888, p. 623.
Hab. India, Burma, Rangoon, Cochinchina, S. China, Borneo.
- pubescens**, Régimbart, *Ann. Mus. Civ. Gen.*, xviii, 1882, p. 73; *id.*, *Mon.*, 1883, p. 419, t. 12, f. 127, 127a.
Hab. Borneo, Sarawak.
- pulchellus**, Régimbart, *Mon.*, 1883, p. 424.
Hab. Philippines, Timor.
- punctulatus**, Régimbart, *Mon.*, Suppt. 1886, p. 261.
Hab. Kodeikanal Hills, Madras.
- pusillus**, Régimbart, *Ann. Mus. Civ. Gen.*, xviii, 1882, p. 74; *id.*, *Mon.*, 1883, p. 430, ♂.
Hab. Borneo, Sarawak.
- Ritsemae**, Régimbart, *Notes Leyden Mus.*, iv, 1881, p. 67; *id.*, *Mon.*, 1883, p. 431, t. 12, f. 136.
Hab. Java.
- rivularis**, Régimbart, *Mon.*, 1883, p. 427, ♀.
Hab. Cochinchina.
- scalaris**, Régimbart, *Notes Leyden Mus.*, ii, 1880, p. 215; *id.*, *Mon.*, 1883, p. 430, t. 12, f. 134, 134a; *Midden Sumatra*, iv, 6, t. 1, f. 11; *Ann. Mus. Civ. Gen.*, (2s.) vi, 1888, p. 623.
Hab. Burma, Tenasserim, Thagata; Sumatra, Cambodia, Andamans [*Ind. Mus.*, Andamans].
- sculpturatus**, Régimbart, *Mon.*, 1883, p. 425, ♂; *id.*, Suppt., 1886, p. 263, ♀.
Hab. Hongkong.
- semivestitus**, Guérin, *Rev. Zool.*, 1840, p. 38; Régimb., *Mon.*, 1883, p. 413, t. 12, f. 123, 123a.
Hab. India, Pondicherry [*Ind. Mus.*, S. India].
- spiniger**, Régimbart, *Notes Leyden Mus.*, 1880, p. 214; *id.*, *Mon.*, 1883, p. 433, t. 12, f. 139; *Midden Sumatra*, iv, 6, t. 1, f. 9.
Hab. Cochinchina, Laos, Sumatra.
- sublaevis**, Régimbart, *Ann. Soc. Ent. Fr.*, (6s.) x, 1890.
Hab. India, Assam.
- trianguliger**, Régimbart, *Ann. Mus. Civ. Gen.*, (2s.) vi, 1888, p. 622.
Hab. Burma, Tenasserim, Thagata.
- Wahnkei**, Régimbart, *Mon.*, 1883, p. 414, t. 12, f. 124, ♀.
Hab. Ceylon.

Family PAUSSIDÆ.

Catalogue of the Insecta of the Oriental Region, No. 6, Order Coleoptera

Family PAUSSIDÆ. By E. T. ATKINSON, B. A.

The genus *Paussus* was established by Dahl in 1775, and the genus *Cerapterus* by Swederus in 1788. In 1800, Donovan showed that these

two genera were allied, and, subsequently, Latreille formed them into a family which he named *Paussili*, afterwards changed by Leach into *Paussidæ*. Mr. J. O. Westwood commenced his labours on this family in 1830, describing many new species, and creating several genera, and subsequently summarised his work in the 'Arcana Entomologica' which contains descriptions and excellent figures of the fifty-two species known up to 1845. In the Oxford 'Thesaurus entomologicus,' Mr. Westwood added many new species, and figured fifty-four species which comprised all those unfigured up to 1874. Since then, but six new species from the Oriental Region have been described, and Mr. Westwood's works consequently form the best guide to the study of the family. Boyes and Benson may also be mentioned as having brought to notice several species from India, in the pages of the *Journal of the Asiatic Society* of Bengal. In 1886, M. Raffray described a number of new species, chiefly African, and further summarised the results of Mr. Westwood's work, adding chapters on the morphology and classification of the family, followed by synoptical tables of the genera, and a list of species. M. Raffray divides the family into two tribes *Cerapterini* and *Paussini*; in the former, the labial and maxillary palpi are large, free, and never conceal the buccal cavity, whilst in the latter, the labial, and especially the maxillary palpi are short and thick, and conceal the buccal cavity. The *Paussidæ*, as suggested by Burmeister, appear to be most closely allied to the *Carabidæ*. Crotch, in 1873, included the *Rhysodidæ* also in the *Adephaga*, but Horn writes:—'These must be excluded for many reasons, more especially as they fail to present the ventral structure which may safely be taken as the key. If we admit them there is no reason why some and after them all the *Colytidæ* should not be admitted, and the door would be opened to much of the *Clavicorn* series. It must be admitted, however, that *Paussus* is the nearest approach of the *Clavicorn* series to the *Adephaga*, the approximation in another direction being through the *Byrrhidæ* and *Parnidæ* with, however, a very wide interval.' In many European Catalogues the *Paussidæ* are placed after the *Carabidæ*, I place them here as more convenient.

The *Paussidæ* are small insects of a quadrate form with very remarkable clubbed antennæ, so much so that Afzelius formed them into a separate section of the Coleoptera from this character alone. They have been found by Benson, Champion, Trimen and Guenzius in ants' nests, and it is, perhaps, for this reason that they are so seldom seen in collections, as the ants appear to keep the *Paussidæ* prisoners within the formicarium. A few have been captured at the light at night, but the more successful collectors have, as stated, found them by examining the

nests, especially of the smaller species of ants. M. Raffray's list shows 4 species from Western Asia, 48 from the Oriental Region, 86 from Africa, 20 from Australia, 2 from Europe, and 8 common to several regions. The Indian Museum has only a very few specimens in its collection.

Afzelius, A. :—

Observations on the Genus *Paussus* and description of a new species. *Trans. Linn. Soc. Lond.*, iv, 1798, p. 243-275, fig.

Benson, W. H. :—

'On Paussidae,' in *Calcutta Journal Natural History*, vi, 1846, p. 459.

Boyes, J. E. :—

Extract from note-book regarding Genus *Paussus*, in *Journ. As. Soc. Ben.*, xii, 1843, p. 421, t. *ann.*, f. 1-8.

Burmeister, H. C. C. :—

'Observations sur les affinités naturelles de la famille des Paussides' in *Mag. Zool.*, 1841, An. xi, no 76, p. 15, fig.; *id.*, *Bull. Soc. Ent. Fr.*, 1841, p. xxxi.

Donovan, E. :—

'An epitome of the Natural History of the Insects of India and the Islands in the Indian seas.' London, 1800.

Raffray, A. :—

Mon. :—*Matériaux pour servir à l'étude des Coléoptères de la famille des Paussides*, in *Nouvelles Archives du Muséum d'Histoire Naturelle*, (10a.) viii, 1886, p. 307-359; *id.*, ix, p. 1-52; Fauvel, *Rev. d'Ent.*, vi, 1887, p. 291.

Westwood, J. O. :—

Trans. Linn. S. Lond.—'On the Paussidae, a family of Coleopterous Insects,' in *Transactions of the Linnean Society of London*, xvi, 1830, p. 607—684, t. 33.

Synopsis of the Coleopterous Genus *Cerapterus*, in *id.*, xviii, 1840, p. 581-5, t. 39 c.

Synopsis of the Coleopterous family Paussidae with descriptions of a new genus and some new species, in *id.*, xix, 1841, p. 45.

Description of some new species of the Genus *Cerapterus* &c., in *Proc. Linn. Soc. Lond.*, i, 1840, p. 75, 110, 115, 133; *id.*, *Ann. Mag. N. H.*, vii, 1841, p. 532; viii, p. 449; x, p. 409.

Trans. Ent. S. Lond.—'Descriptions of some new or but imperfectly known species belonging to the Coleopterous family Paussidae, ii, 1835, p. 84—98, t. 9, 10.

Descriptions of new species of *Paussidae*, in *id.*, v, 1845, p. 22; 1846, p. 24; 1847, p. 29; (n. s.) ii, 1852, p. 84, and Synopsis; iii, 1855, p. 81.

'On the Genus *Cerapterus* of Swederus', in *Ent. Mag.*, v, 1838, p. 500-505.

Arc. Ent. :—'Arcana Entomologica, or Illustrations of new, rare, and interesting Insects', ii, p. 1, 37, 73, 161, t. 49, 50, 58, 68, 88-94. London 1843-45.

'On *Paussidae*,' in 'Thesaurus entomologicus Oxoniensis,' 1874, p. 72—96, t. 15-19.

Family **PAUSSIDAE.**

Westwood, Trans. Linn. S. Lond., 1830, p. 609; *id.*, Arc. Ent., ii, p. 2: Lacord., Gen. Col., ii, 1854, p. 6: Mun. Cat., p. 700.

Paussii, Latreille, Gen. Crust. Ins. iii, 1807, p. 1; *id.*, Consid. Gén. Nat. Ord. Ins., 1810 p. 225.

Paussides, Leach, Edinb. Encycl., 1818.

CERAPTERINI:—Raffray, *Mon.*, viii, p. 335.

Genus **CERAPTERUS.**

Swederus, Kong. Vetensk.-Acad. Nya Handl., ix, 1788, p. 203: Westwood, Trans. Linn. S. Lond., xvi, p. 666; xviii, p. 581; Arc. Ent., ii, 1843, p. 6: Lacord., Gen. Col., ii, p. 8: Raffray, *Mon.*, viii, p. 336.

Ceratopterus, Mun. Cat., p. 700.

Subg. { *Euthysoma*, Thomson, *l. c. infra.*
Orthopterus, Westwood, Ent. Mag., v, 1838, p. 502; *id.*, Arc. Ent., ii, p. 7: Lacord., Gen. Col. ii, p. 9: Mun. Cat., p. 701.

Horatfieldii, Westwood, Trans. Linn. S. Lond., xvi, 1833, p. 672; xviii, p. 583; *id.*, Arc. Ent., ii, p. 7, t. 49, f. 2: MacLeay, Ann. South Afric., t. 4, f. *sup. centr.*

Hab. Java.

latipes, Swederus, Kong. Vetensk.-Acad. Nya. Handl., ix, 1788, p. 203, t. 6, f. 1: Westwood, Trans. Linn. S. Lond., xvi, p. 669; xviii, p. 582; Arc. Ent. ii, p. 6, t. 49, f. 1: MacLeay, Ann. South Afric., t. 4, f. *inf. sinister.*

Hab. Bengal, Pondicherry, Ceylon.

quadrinaculatus, Westwood, Trans. Linn. S. Lond., xviii, 1833, p. 583; *id.*, Arc. Ent., ii, p. 7, t. 49, f. 3.

Hab. Java.

Genus **PLEUROPTERUS.**

Westwood, Trans. Linn. S. Lond., xviii, 1840, p. 585; *id.*, Arc. Ent., ii, p. 9: Lacord., Gen. Col., ii, p. 10: Mun. Cat., p. 702: Raffray, *Mon.*, viii, p. 338.

Heteropausus, Thomson, Mus. Scient., ii, 1860, p. 70: Mun. Cat., p. 702.

Westermanni, Westwood, Trans. Linn. Soc., xviii, 1840, p. 585; *id.*, Arc. Ent., ii, p. 9, t. 50, f. 1: Raffray, *Mon.*, t. 15, f. 4, 5, 34, 35; t. 17, f. 1, 14-16.

Hab. Ceylon, Java.

PAUSSINI:—Raffray, *Mon.*, viii, p. 337, 340.

Genus **MELANOSPILUS.**

Westwood, Trans. Ent. S. Lond., v, 1845, p. 22 note: Col. Hefta, iv, p. 101.

Subg. *Ceratoderus*, Westwood, Trans. Linn. S. Lond., xix, 1841, p. 51; Trans. Ent. S. Lond., v, p. 23; Thes. Ent. Oxon, p. 79: Lacord., Gen. Col., ii, p. 10: Raffray, *Mon.*, viii, p. 340: Mun. Cat., p. 702.

Subg. *Merismoderus*, Westwood, Trans. Ent. S. Lond., v, 1845, p. 23: Thes. Ent. Oxon., 1874, p. 80: Lacord., Gen. Col. ii, p. 11: Raffray, *Mon.*, viii, p. 341: Mun. Cat., p. 702.

Bensonii (*Morismoderus*), Westwood, Trans. Ent. S. Lond., v, 1845, p. 23, t. 2, f. 2; Cab. Orient. Ent., p. 84, t. 41, f. 4; *id.*, Thea. Ent. Oxon., 1874, p. 80, t. 18, f. 1; Benson, Calc. Jl. Nat. Hist., vi, 1846, p. 466, 470; Raffray, *Mon.*, t. 17, f. 25-27.

Hab. Bengal, Cawnpore and Saháranpur districts.

bifasciatus, Kollar, Ann. Wien. Mus., i, 1826, p. 336, t. 31, f. 7 *ad*: Westwood, Trans. Ent. S. Lond., ii, 1835, p. 90, t. 10, f. 3; *id.* (*Ceratoderus*), Trans. Linn., S. Lond., xix, p. 51; Arc. Ent., ii, p. 37, t. 58, f. 1; Thea. Ent. Oxon., p. 80; Raffray, *Mon.*, t. 15, f. 6, t. 16, f. 22-24.

Hab. India.

Genus **LEBIODERUS.**

Westwood, Trans. Ent. S. Lond., ii, 1835, p. 93; Raffray, *Mon.* viii, p. 343; Mun. Cat., p. 702.

Gorii, Westwood, Trans. Ent. S. Lond., ii, 1835, p. 94, t. 9, f. 8, *a-d*; *id.*, Arc. Ent., ii, p. 39, t. 58, f. 3; Raffray, *Mon.*, t. 15, f. 7, 8; t. 17, f. 28-32.

Hab. Java.

Percheronii, Westwood, Thea. Ent. Oxon., 1874, p. 80, t. 17, f. 8.

Hab. Java.

Genus **PLATYRHOPALUS.**

Westwood, Trans. Linn. S. Lond., xvi, 1830, p. 654; *id.*, Arc. Ent., ii, p. 73; Lacord., Gen. Col. ii, p. 13; Raffray, *Mon.*, viii, p. 344; Mun. Cat., p. 703.

acutidens, Westwood, Trans. Linn. S. Lond., xvi, 1833, p. 661, t. 33, f. 50; xix, p. 51; *id.*, Arc. Ent., ii, p. 79.

Hab. India.

angustus, Westwood, Trans. Ent. S. Lond., ii, 1835, p. 92, t. 10, f. 6; *id.*, Arc. Ent., ii, p. 78, t. 68, f. 3; Boyea, Jl. As. Soc. Ben., xii, 1843, p. 421.

aturalia, Westwood, Arc. Ent., ii, 1845, p. 161, 190, t. 88, f. 1a; Boyea, Jl. As. Soc. Beng., xii, p. 427, t. *ana.*, f. 2.

Hab. India, Nimach, Mhow.

aplustrifer, Westwood, Trans. Linn. S. Lond., xvi, 1833, p. 664, t. 33, f. 51; *id.*, Arc. Ent., ii, p. 163, t. 88, f. 3.

Hab. Bengal.

Castelnaudii, Westwood, Thea. Ent. Oxon., 1874, p. 96.

Hab. Siam, Juthia.

Comotti, R. Gestro, Ann. Mus. Civ. Gen., xviii, 1882, p. 311, fig.

Hab. Burma.

Davidis, Fairmaire, Le Nat., viii, 1886, p. 294; *id.*, Ann. Soc. Ent. Fr., (4s.) vi, 1886, p. 317.

Hab. China, Kiangsi.

- denticornis**, Donovan, *Ins. India*, 1800, t. 5, f. * : Rees, *Encycl., Entom.*, t. 8, f. 10, 10 * : Westwood, *Trans. Linn. S. Lond.*, xvi, p. 657, t. 33, f. 43-48 ; xix, p. 50 ; *Arc. Ent.*, ii, p. 77, t. 68, f. 1 : Burmeister, *Mag. Zool.*, 1841, *Ins.*, t. 76, f. 2 : Lacord., *Gen. Col., Atlas*, t. 14, f. 3.
 { var. *denticornis* (Megerle), Gyllenhal, in Schönherr, *Syn. Ins.*, i (3), App., 1817, 14, t. 6, f. 1, a, b, p. 19, No. 5 ; *ib.*, Schönherr, i (3), p. 19 : Dalm., *Anal. Ent.* 1 p. 103.
 { *unicolor*, Westwood, *Trans. Linn. S. Lond.*, xvi, 1830, p. 659, t. 33, f. 49 ; xix, p. 50 ; *id.*, *Arc. Ent.*, ii, p. 79, t. 63, f. 4.
 Hab. India, Tibet [*Ind. Mus. Calcutta*].
- intermedius**, Benson, *Calc. J. Nat. Hist.*, vi, 1846, p. 465 : Westwood, *Trans. Ent. S. Lond.*, v, 1846, p. 25.
 Hab. India, Saháranpur, N.-W. Provinces.
- irregularis**, Ritsemae, *Notes Leyden Mus.*, ii, 1880, p. 249.
 Hab. Java, Bandong.
- Melhi** (*Mellei*), Westwood, *Trans. Linn. S. Lond.*, xvi, 1830, p. 685 ; *id.*, *Trans. Ent. S. Lond.*, ii, 1835, p. 91, t. 10, f. 4 ; *id.* (*Melhi*), *Arc. Ent.*, ii, p. 162, t. 88, f. 2 ; *Thes. Ent. Oxon.*, 1874, p. 82, t. 18, f. 2 : Guérin, *Icon. Règne Anim.*, *Ins.*, t. 40, f. 11 : Raffray, *Mon.*, t. 17, f. 33-37.
 Hab. India, Malabar.
- Picteti**, Westwood, *Thes. Ent. Oxon.*, 1874, p. 82, t. 18, f. 3.
 Hab. Siam, Cochinchina.
- Simonis**, Dohrn, *Stettin. Ent. Zeit.*, xlvii, 1886, p. 120.
 Hab. Hongkong.
- vevillifer**, Westwood, *l. c.*, p. 82, t. 17 f. 4.
 Hab. Penang.
- Westwoodii**, Saunders, *Trans. Ent. S. Lond.*, ii, 1835, p. 84, t. 10, f. 5, a-s : Westwood, *Trans. Linn. S. Lond.*, xix, p. 51 ; *Arc. Ent.*, ii, p. 78, t. 68, f. 2 a-s.
 Hab. India.

Genus PAUSSUS.

- A. Dahl, *Dissert. ent. bigas Ins. sist.*, 1775, p. 6, t. *ann.* f. 6-10 : Thunberg, *Act., Suec.*, 1781, p. 170 : Afzelius, *Trans. Linn. S. Lond.*, iv, p. 263 : Herbst, *Käfer iv*, p. 99 : Westwood, *Trans. Linn. S. Lond.*, xvi, p. 620 ; *id.*, *Trans. Ent. S. Lond.*, (n. s.) ii, 1852, p. 89 ; Lacord. *Gen. Col.*, ii, p. 14.
Pausus, Harold. M. T. Münch. *Ent. Ver.*, i, 1877, p. 116.
- annis**, Westwood, *Trans. Linn. S. Lond.*, xvi, 1830, p. 646, t. 33, f. 36, 37 ; *ib.*, xix, p. 49, note ; *id.*, *Arc. Ent.*, ii, p. 188, t. 94, f. 2.
 Hab. Africa ?
- Andraeae**, Ritsema, *Notes Leyden Mus.*, i, 1879, p. 44.
 Hab. W. Java, Buitenzorg.
- bicolor**, Raffray, *Mon.*, ix, 1886, p. 22, t. 19, f. 25.
 Hab. Andaman Islands.

- Howringii**, Westwood, Proc. Linn. S. Lond., ii, 1849, p. 58; *id.*, Thes. Ent. Oxon., p. 89, t. 16, f. 9.
Hab. Hongkong.
- Boyali**, Westwood, Arc. Ent., ii, 1845, p. 177, t. 92, f. 2; t. 90, f. 6: Boys, *Paussus*, no 6, Jl. As. Soc. Ben., xii, p. 433, t. ann. f. 6.
Hab. India.
- cognatus**, Westwood, Trans. Linn. S. Lond., xix, 1841, p. 49; *id.*, Arc. Ent., ii, p. 189, t. 94, f. 3.
Hab. Bengal.
- denticulatus**, Westwood, Arc. Ent., ii, 1845, p. 179, t. 92, f. 1; t. 90, f. 17; *id.*, Thes. Ent. Oxon., 1874, p. 88, t. 16, f. 12: Boys, *Paussus*, no 1, Jl. As. Soc. Ben., xii, 1843, p. 426, t. ann., f. 1.
Hab. India, Mhow.
- Fichtelli**, Donovan, Ins. India, 1800, t. 5, f. * : Rees, Encycl., Ent., t. 8, f. 12: Westwood, Trans. Linn. S. Lond., xvi, p. 641, t. 33, f. 31-33; *id.*, Arc. Ent., ii, p. 181, t. 90, f. 5, 8, 9: Saunders, Trans. Ent. S. Lond., ii, 1835, p. 83, t. 9, f. 1: Boys, Jl. As. Soc. Ben., xii, p. 429, t. ann., f. 4, 5.
Hab. India.
- fulvus**, Westwood, Trans. Linn. S. Lond., xix, 1841, p. 47; *id.*, Arc. Ent., ii, p. 175, t. 90, f. 3.
Hab. India.
- Hardwickii**, Westwood, Trans. Linn. S. Lond., xvi, 1830, p. 649, t. 33, f. 39, 40; *id.*, Arc. Ent., ii, p. 189, t. 94, f. 5: Boys, Jl. As. Soc. Beng., xii, p. 434, t. ann., f. 8.
Hab. Nepal.
- Hearseyanus**, Westwood, Proc. Linn. S. Lond., 1842, p. 133; *id.*, Arc. Ent., ii, p. 189, t. 94, f. 4: Boyes, Jl. As. Soc. Beng., xii, p. 427, t. ann., f. 3.
Hab. Sultanpur near Benares.
- hystrix**, Westwood, Proc. Linn. S. Lond., ii, 1849, p. 59; *id.*, Thes. Ent. Oxon., p. 89, t. 16, f. 5.
Hab. Hongkong.
- Jerdanii**, Westwood, Trans. Ent. S. Lond., 1846, p. 26, t. 2, f. 1; Cab. Orient. Ent., t. 41, f. 5; *id.*, Thes. Ent. Oxon., p. 88, t. 13, f. 4.
Hab. India.
- Joussellinii**, Guérin, Rev. Zool., 1838, p. 21: Westwood, Trans. Ent. S. Lond., ii, p. 90; Arc. Ent., ii, p. 169: Olivier, Ann. Soc. Ent. Fr., (6a.) iii, 1833, p. 195, t. 7, f. 1.
Hab. China, Hongkong, Pegu, Bangoon.
- Ludekingii**, Vollenhoven, Stettin. Ent. Zeit., xxxiii, 1872, p. 82; *ib.*, 1873, t. 1, f. 6: Westwood, Thes. Ent. Oxon., p. 95.
Hab. Sumatra.
- mauceras**, Benson, Calc. Jl. Nat. Hist., vi, 1846, p. 461: Westwood, Trans. Ent. S. Lond., v, 1846, p. 25; *id.*, Thes. Ent. Oxon., p. 87, t. 16, f. 8.
Hab. India, Mussoorie, Landour.

- pacificus**, Westwood, Trans. Ent. S. Lond., iii, 1855, p. 81; *id.*, Thea. Ent. Oxon., p. 88, t. 16, f. 7.
Hab. Ceylon.
- pilicornis**, Donovan, Ins. India, 1800, t. 5, f. * : Rees, Encycl., Ent., t. 8, f. 13; Westwood, Trans. Linn. S. Lond., xvi, p. 643, t. 33, f. 34; *id.*, Arc. Ent., ii, p. 173, t. 89, f. 1.
Hab. Bengal.
- plolophorus**, Benson, Calc. Jl. Nat. Hist., vi, 1846, p. 462; Westwood, Trans. Ent. S. Lond., v, p. 25; *id.*, Thea. Ent. Oxon., p. 87, t. 16, f. 11.
Hab. India, Moradabad, N. W. P.
- politus**, Westwood, Proc. Linn. S. Lond., ii, 1849, p. 58; *id.*, Thea. Ent. Oxon., p. 87, t. 16, f. 10.
Hab. India.
- ruftarsis**, Westwood, Trans. Linn. S. Lond., xvi, 1830, p. 638, t. 33, f. 25-27; *id.* Arc. Ent., ii, p. 172, t. 89, f. 4.
Bacosis, Benson, Calc. Jl. Nat. Hist., 1846, p. 459; Westwood, Trans. Ent. S. Lond., v, 1847, p. 24.
Hab. India, Dehra Dún.
- Saundersii**, Westwood, Trans. Linn. S. Lond., xix, 1841, p. 50; *id.*, Arc. Ent., ii, p. 190, t. 94, f. 6.
Hab. India.
- Schödtel**, Westwood, Thea. Ent. Oxon., 1874, p. 85, t. 16, f. 6.
Hab. Bengal.
- sinicus**, Westwood, Proc. Linn. S. Lond., ii, 1849, p. 57; *id.*, Thea. Ent. Oxon., p. 85, t. 18, f. 10.
?=*Jousselinii*, Guérin, *g. v.*
Hab. Honkong.
- Spencei**, Westwood, Proc. Ent. S. Lond., (3a.) i, 1864, p. 190; *id.*, Thea. Ent. Oxon., p. 90, t. 18, f. 8.
Hab. India.
- Stevensianus**, Westwood, Trans. Linn. S. Lond., xix, 1841, p. 48; *id.*, Arc. Ent., ii, p. 176, t. 90, f. 2.
Hab. India.
- thoracicus**, Donovan, Ins. India, 1800, t. 5, f. * : Rees, Encycl., Ent. t. 8, f. 11, 11* ; Westwood, Trans. Linn. S. Lond., xvi, p. 640, t. 33, f. 28-30; *id.*, Arc. Ent., ii, p. 180, t. 90, f. 4.
trigonocornis, Latreille, Gen. Crust., iii, p. 3, t. 11, f. 8; Schönherr, Syn. Ins., i, (3.), p. 19.
Hab. India, Bengal.
- tibialis**, Westwood, Trans. Linn. S. Lond., xix, 1841, p. 47; *id.*, Arc. Ent., ii, p. 174, t. 90, f. 1.
Hab. Bengal.
- Waterhousei**, Westwood, Thea. Ent. Oxon., 1874, p. 90, t. 16, f. 4.
Hab. Penang.

Family **HYDROPHILIDÆ**.

Lacordaire, Gen. Col., i, 1854, p. 443 : Jacq. Duval, Gen. Col. Eur., i, p. 85 : Mun.
Cat., p. 475 : Leconte & Horn, Class. Col., p. 69.
Palpicornes, Latreille, Fam. Nat., p. 365 : Brullé, Hist. Nat. Ins. Col., ii, p.
242 : Lacordaire, *l. c. supra*.

Leconte describes the species of this family as living on 'decomposing vegetable matter, though the larvæ are carnivorous and quite voracious; the majority of them are aquatic. Except those of the tribe *Helophorini*, they are of an oval, convex form, sometimes hemispherical; the elytra are sometimes striate, and sometimes have a distinct sutural stria.' The palpi are slender, and always very long. The tarsi are 5-jointed and according to the length of these joints, the family is divided into four tribes:—*Helophorini*, *Hydrophilini*, *Hydrobiini*, and *Sphaeridini*. Very little has been done to work out the species of this family that occur in the Oriental Region, and this Catalogue is therefore based on the Munich list. Dr. Sharp observes that though the habits of the species of this family are aquatic they cannot correctly be associated with the *Dytiscidæ* and *Gyrinidæ* in the Adephagous series, but will have to be properly placed when more is known about them.

Solier, M:—

Observations sur la tribu des Hydrophiliens et principalement sur le genre
Hydrophilus de Fabricius, in Ann. Soc. Ent. Fr., iii, 1834, p. 299.

HYDROPHILINI (*Hydrophilides*):—Lacordaire, Gen. Col., i, 1854, p. 447.

Genus **HYDROPHILUS**.

Geoffroy, Ins. Paris, i, 1764, p. 180 : Solier, Ann. Soc. Ent. Fr., iii, 1834, p. 312 :

Lacord., Gen. Col., i, p. 450 : Jacq. Duval, Gen. Col. Eur., i, p. 86 : Mun. Cat., p.
475 : Sharp, Biol. Centr. Amer., Col., i (2), p. 54 : Leconte & Horn, Class. Col.,

p. 71.

Hydrodema, Lap. de Casteln., Hist. Nat. Ins. Col., ii, 1840, p. 51.

Hydrostoma, Lap. de Casteln., *l. c.*, p. 50.

Hydrous, Leach, Zool. Misc., iii, 1817, p. 92.

Mesocanthicus, Hope, Col. Man., ii, 1838, p. 126.

Stethovus, Solier, Ann. Soc. Ent. Fr., iii, 1834, p. 307.

Temnopterus, Solier, *l. c.*, p. 307.

Tetracanthus, Hope, Col. Man., ii, 1838, p. 126.

acuminatus, Motschulsky, Et. Ent., ii, 1853, p. 44.

Hab. China.

caschmirensis, Redtenbacher, Hügel's Kaschm., iv (2), 1844, p. 513, t. 24, f. 2.

Hab India, Kashmir [*Ind. Mus.*, Malda].

nigriceps, Fabr., Syst. Eleuth., i, 1801, p. 254.

Hab. India.

- olivaceus*, Fabr., Spec. Ins., i, 1781, p. 289; Mant. Ins., i, p. 188; Ent. Syst., i, p. 182; Syst. Eleuth., i, p. 250; Olivier, Ent., iii, 39, p. 10, t. i, f. 7; Gmelin, ed. Syst. Nat., i (4), p. 1941.
kastatus, Herbst, Beschäft. Naturfor. Freunde Berlin, iv, 1779, p. 317, t. 7, f. 2; *id.*, Natursyst. Käfer, vii, p. 295, t. 137, f. 6.
 Hab. India, Coromandel, Ceylon.
- picicornis*, Chevrolat, Ann. Soc. Ent. Fr., (4s.) iii, 1863, p. 204.
 Hab. Malaya, Philippines.
- ruficornis*, Klug, Ins. Madag., 1833, p. 159; Boisduval, Voy. l'Astrolabe, Col., p. 151.
 Hab. Java, Philippines, Australia [*Ind Mus.*? Berhampur.]
- viridicollis*, Redtenbacher, Hügel's Kashmir, iv (2), 1844, p. 513, t. 24, f. 3.
 Hab. India, Kashmir.

Species of doubtful position.

- mergus* (*Tropisternus*), Redtenbacher, *l.c. supra* p. 514; Sharp, Trans. Ent. S. Lond., 1893, p. 117.
 Hab. India, Kashmir.

Genus **HYDROCHARIS.**

- Latreille (*Hydrochare*), Fam. Nat., 1825, p. 366; ? Solier, Ann. Soc. Ent. Fr., iii, 1834, p. 304; Mun. Cat., p. 478; Sharp, Biol. Centr. Amer., Col., i, (2), p. 61; Leconte & Horn, Class. Col., p. 71.
Hydrophilus, Leach, Zool. Misc., iii, 1817, p. 94 (*nec* Geoffr.)
Hydrous, Brullé Hist. Nat. Ins. Col., ii, 1835, p. 275 (*nec* Leach); Lacord. Gen. Col. i, p. 452.
- bilineatus*, MacLeay Annul. Javan., 1825, p. 36.
 Hab. Java.
- inconspicuus*, Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 538; *id.*, Ann. Mag. N. H., (2s.) xix, 1857, p. 387.
 Hab. Ceylon.
- pallidipalpis*, MacLeay, Annul. Javan., 1825, p. 35.
 Hab. Java.
- rufiventris*, Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 537; *id.*, Ann. Mag. N. H., (2s.) xix, 1857, p. 387.
 Hab. Ceylon.
- spinoicollis* (*Hydrophilus*), Eschscholtz, Entomographia, 1823, p. 41.
 Hab. India.

Genus **STERNOLOPHUS.**

- Solier, Ann. Soc. Ent. Fr. iii, 1834, p. 310; Brullé, Hist. Nat. Ins. Col., ii, p. 279; Lacord., Gen. Col., i, p. 453; Mun. Cat., p. 478.
Holobius, Mulsant, Mém. Acad. Sci. Lyon, i, 1851, p. 75.
- fulvipes*, Motschulsky, Et. Ent., ii, 1853, p. 45.
 Hab. China.

rufipes (*Hydrophilus*), Fabricius, Ent. Syst. i, 1792, p. 183; Syst. Eleuth., i, p. 261; Herbst, Natursyst. Ins., Käfer, viii, p. 307.
Hab. India, China, Malaya, Philippines.

HYDROBINI (*Hydrobiidæ*):—Lacordaire, Gen. Col., i, 1854, p. 452.

Genus **HYDROBIUS.**

Leach, Zool. Misc., iii, 1817, p. 92; Solier, Ann. Soc. Ent. Fr., ii, 1834, p. 313; Brullé, Hist. Nat. Ins. Col., ii, p. 280; Lacord., Gen. Col., i, p. 455; Jacq. Duval, Gen. Col. Eur., i, p. 87; Mun. Cat., p. 479; Sharp, Biol. Centr. Amer., Col. i (2), p. 64; Leconte & Horn, Class. Col., p. 72.

Anacæna, Thomson, Skand. Col., i, p. 18, 1859; ii, p. 89, 1860; Gozis, Bull. Soc. Ent. Fr., (6s.) i, p. cxxxv.

Brachypalpus, Lap. de Casteln., pt. Hist. Nat. Col., ii, 1840, p. 56.

Cryniphilus, Motschulsky, Bull. Mosc., xviii (i), 1845, p. 32.

Enochrus, Thomson, Skand. Col., i, p. 18, 1859; ii, p. 93, 1860.

Paracymus, Thomson, Scand. Col., ix, 1867, p. 120.

Sperchopsis, Leconte, List Col. N. Amer., i, 1863, p. 19, p. 377; Mun. Cat., p. 487.

Tritonus, Mulsant, Ann. Soc. Agric. Lyon, vii, 1845, p. 377.

neglectus, Hope, Trans. Ent. S. Lond., iv, 1845, p. 16.

Hab. China.

semistriatus, Schaufuss, Hor. Ent. Ross., xxi, 1887, p. 108.

Hab. Singapur.

stultus, Walker, Ann. Mag. N. H., (3s) ii, 1853, p. 209.

Hab. Ceylon.

Genus **HYDROCASSIS.**

Fairmaire, Ann. Soc. Ent. Fr., (5a.) viii, 1878, p. 88.

scapulata, Fairmaire, *l.c.*, p. 89.

Hab. Middle China.

Genus **PHILYDRUS.**

Solier, Ann. Soc. Ent. Fr., iii, 1834, p. 315; Brullé, Hist. Nat. Ins. Col., ii, p. 276; Lacord., Gen. Col., i, p. 456; Jacq. Duval, Gen. Col. Eur., i, p. 58; Mun. Cat., p. 480; Sharp, Biol. Centr. Amer., Col. i (2), p. 66; Leconte & Horn, Class. Col., p. 72.

Brachypalpus, Lap. de Casteln., pt. Hist. Nat. Col., ii, 1840, p. 480.

Philhydrus, Muu. Cat., *auct.*

Pylophilus, Motschulsky, Bull. Mosc., xviii (i), 1845, p. 32; Et. Ent., viii, 1859, p. 46.

esuriens, Walker, Ann. Mag. N. H., (3s) ii, 1853, p. 209.

Hab. Ceylon.

fuscatus, Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 109.

Hab. Ceylon.

- nigriceps*, Motschulsky, Et. Ent., viii, 1859, p. 40.
Hab. India.
- nigriceps*, Redtenbacher, Reise Novara, Zool., ii, Col., 1867, p. 26.
Hab. Nicobar Islands.
- nigropiceus*, Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 109.
Hab. Ceylon.
- pallens* (*Enhydrus*), MacLeay, Annul. Javan., 1825, p. 85.
Hab. Java.

Genus **BRACHYGASTER.**

- Mulsant, Ann. Soc. Linn. Lyon, 1833, p. 386 : Mun. Cat., p. 485.
indica, Mulsant, *l.c. supra* p. 386.
Hab. India.

Genus **BEROSUS.**

- Leach, Zool. Misc., iii, 1817, p. 92 : Solier, Ann. Soc. Ent. Fr., iii 1834, p. 316 : Brullé,
Hist. Nat. Ins. Col., ii, p. 284 : Lacord., Gen. Col., i, p. 458 : Jacq. Duval, Gen. Col.
Eur., i, p. 89 : Mun. Cat., p. 483 : Sharp, Biol. Centr. Amer., Col., i (2), p. 78 :
Leconte & Horn, Class. Col., p. 72.
Anchialus, Thomson, Skand. Col., i, p. 17 ; ii, p. 87, 1859.
Enopliurus, Hope, Col. Man., ii, 1838, p. 128.
- acutispina*, Fairmaire, Ann. Soc. Ent. Fr., (6a.) viii, 1888, p. 336.
Hab. Tonkin.
- aeneiceps*, Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 110.
Hab. Ceylon.
- attenuatus* (*Hydrophilus*), Fabricius, Syst. Eleuth., i, 1801, p. 258.
aeneus (*Volulus*), Brullé, Hist. Nat., Ins. Col., ii, 1935, p. 232.
Hab. Ceylon.
- decreasceus*, Walker, Ann. Mag. N. H., (3s.) iii, 1859, p. 258.
Hab. Ceylon.
- indicus* (*Enopliurus*), Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 110.
Hab. India.
- pubescens*, Mulsant, Opusc. Ent., ix, 1859, p. 61.
Hab. Philippines.
- pulchellus*, MacLeay, Annul. Javan., 1825, p. 35.
Hab. Java.

Genus **GLOBARIA.**

- Latreille, Règne Anim, (2ed.), iv, 1829, p. 521 : Lacord., Gen. Col., i, p. 460 : Mun.
Cat., p. 485.
Spheroides, Hope, Col. Man., ii, 1838, p. 168.
- leachii*, Latreille, Règne Anim., iv, 1829, p. 521 : Hope, Col. Man., ii, 1838, p. 167,
t. 3, f. 6, a-i.
Hab. India.

Muelleri, Kirsch, MT. Mus. Dresd., i, 1875, p. 25.

Hab. Malacca.

striatopunctata, Lap. de Casteln., Hist. Nat. Ins. Col., ii, 1850, p. 57.

Hab. India.

Genus **AMPHIOPS**.

Erichson, Wieg. Arch. Natur. (1), 1843, p. 229 : Lacord., Gen. Col., i, p. 463 : Mun. Cat., p. 486.

gibbus (*Hydrophilus*), Illiger, Mag. Ent., i, 1802, p. 168.

Hab. India.

platiformis Fairmaire, Bull. Soc. Ent. Fr., (6a) iv, 1884, p. xlvii.

Hab. Cambodia.

SPERCHEINI (*Spercheides*):—Lacordaire, Gen. Col., i, 1854, p. 462.

Genus **SPERCHEUS**.

Kugellann, Illig., Verz. Käfer Preuss., 1798, p. 241 : Fabr., Ent. Syst., i, p. 248 ;

Syst. Eleuth., i, p. 248 : Solier, Ann. Soc. Ent. Fr., iii, 1834, p. 317 : Brullé, Hist.

Nat. Ins., Col., ii, p. 299 : Lacord., Gen. Col., i, p. 464 : Jacq. Duval, Gen. Col.

Eur., i, p. 91 : Mun. Cat., p. 487.

platycephalus, MacLeay, Annul. Javan., 1825, p. 35 : Lap. de Casteln., Hist. Nat.

Ins. Col., ii, p. 57.

Hab. Java.

HELOPHORINI (*Helophorides*):—Lacordaire, Gen. Col., i, 1854, p. 465.

Genus **EPIMETOPUS**.

Lacordaire, Gen. Col., i, 1854, p. 467 : Bedel, Bull. Soc. Ent. Fr., (5a) x, 1880, p.

lxxiii : Sharp, Biol. Centr. Amer., Col., i (2), p. 88.

Ceratoderus, Mulsant, Mém. Acad. Lyon, i, 1851, p. (*neo* Westwood).

Sepidulum, Leconte, Trans. Amer. Ent. Soc., v, 1874, p. 47 : Sharp, Ent.

Mon. Mag., xi, p. 247.

bullatus (*Sepidulum*), Sharp, Ent. Mon. Mag., xi, 1875, p. 249.

Hab. India.

Genus **HYDROCHUS**.

Leach, Zool. Misc., iii, 1817, p. 90 : Lacord., Gen. Col., i, p. 466 : Jacq. Duval, Gen.

Col. Eur., i, p. 92 : Mun. Cat., p. 490 : Sharp, Biol. Centr. Amer., Col., i (2),

p. 89.

binodosus, Motschulsky, Schrenck Reise, ii, 1860, p. 104.

Hab. India.

lacustris, Nietner, Jl. As. Soc. Ben., xxv, 1856, p. 537 : *id.*, Ann. Mag. N. H., (2a)

xix, 1857, p. 386.

Hab. Ceylon.

latitans, Fairmaire, Ann. Soc. Ent. Fr., (6s.) viii, 1888, p. 337.

Hab. Tonkin.

opacus, Motschulsky, Schrenck Reise, ii, 1860, p. 103.

Hab. India.

violaceomicans, Motschulsky, *l. c.*, p. 103.

Hab. India.

SPHAERIDINI (*Sphéridiotes*):—Latreille, Fam. Nat., 1825, p. 366: (*Sphéridiides*.)

Lacordaire, Gen. Col., i, 1854, p. 470: Leconte & Horn, Class. Col., p. 73.

Genus **CYCLONOTUM.**

Erichson, Käfer Mark Brand., i, 1837, p. 212: Lacord., Gen. Col., i, p. 471: Mun.

Cat., p. 495: *Monograph*, Mulsant, Ann. Soc. Agric. Lyon, 1844, p. 167: Jacq.

Duval, Gen. Col. Eur., i, p. 94: Sharp, Biol. Centr. Amer. Col., i (2), p. 94: Leconte & Horn, Class. Col., p. 73.

Coelostoma, Brullé, Hist. Nat. Ins. Col., ii, 1835, p. 293 (*nom. praecox.*, teste Lacord., *l. c.*).

capense, Mulsant, *Mon.*, p. 170: Erichson, Wieg. Arch., (2), 1845, p. 105.

Hab. Africa, ? India.

hydrophiloides (*Sphaeridium*), MacLeay, Annul. Javan., 1825, p. 36.

Hab. Java [*Ind. Mus.*, Berhampur].

nitidum, Lap. de Casteln., Hist. Nat. Ins., Col., ii, 1850, p. 58.

Hab. Java.

Genus **DACTYLOSTERNUM.**

Wollaston, Ins. Mader., 1864, p. 99: Mun. Cat., p. 496: Fauvel, Rev. d'Ent., ii, p. 357: Sharp, Biol. Centr. Amer., Col., i (2), p. 95: Leconte & Horn, Class. Col., p. 73.

insulare (*Coelostoma*), Lap. de Casteln., Hist. Nat. Ins., Col., ii, 1850, p. 59.

abdominale, Wollaston, Col. St. Helena, 1877, p. 20.

Roussetii, Wollaston, Ins. Mader., 1854, p. 100, t. 3, f. 1.

Hab. S. Europe, Africa, St. Helena, Cape Verde Islands, Bourbon, Mauritius, Madagascar, India, New Caledonia.

rubripes, Boheman, Freg. Eug. Besa, Col., 1858, p. 24.

Hab. China, Philippines.

simplex, Sharp, Trans. Ent. S. Lond., 1874, p. 419.

Hab. Japan, China.

Genus **CERCYON.**

Leach, Zool. Misc., iii, 1817, p. 95: Brullé, Hist. Nat. Ins. Col., ii, p. 293: Lacord.,

Gen. Col., i, p. 473: Mun. Cat., p. 473: *Monograph*, Murray, Ann. Mag. N. H., xii, 1853, p. 73: Sharp, Biol. Centr. Amer., Col., i (2), p. 103, 109.

Triohopoda, Brullé, Hist. Nat. Ins., Col., ii, 1835, p. 294.

- atriceps*, Gemm. & Harold, *Mun. Cat.*, 1868, p. 496.
nigriceps, Motsch., *Bull. Mosc.*, xxxvi (2), 1863, p. 445, (*nov* Marsh.).
Hab. Ceylon.
- hydrophiloides*, Motschulsky, *Bull. Mosc.*, xxxvi (2), 1863, p. 445.
Hab. Ceylon.
- lineolatus* (*Trichopoda*), Motschulsky, *Bull. Mosc.*, xxxvi (2), 1863, p. 444.
Hab. Ceylon.
- lunulatus*, Gemm. & Harold, *Mun. Cat.*, 1868, p. 497.
lunigerum, Motsch., *Bull. Mosc.*, xxxvi (2), 1863, p. 444 (*nov* Mannerh.).
Hab. Ceylon.
- rufotestaceus*, Motschulsky, *Bull. Mosc.*, xxxvi (2), 1863, p. 445.
Hab. Ceylon.
- victialis*, Walker, *Ann. Mag. N. H.*, (3s.) iii, 1859, p. 258.
Hab. Ceylon.

Genus **SPHAERIDIUM**.

- Fabricius, *Syst. Ent.*, 1775, p. 66 : *Ent. Syst.*, i, p. 77 : *Syst. Eleuth.*, i p. 92 :
Brullé, *Hist. Nat. Ins. Col.*, ii, p. 291 : Lacordaire, *Gen. Col.*, i, p. 472 : Jacq.
Duval, *Gen. Col. Eur.*, i, p. 95 : *Mun. Cat.*, p. 499 : Leconte & Horn, *Class. Col.*,
p. 73.
- dimidiatum*, Gory, *Ic. Règne Anim.*, 1844, p. 73, t. 20, f. 15 : Lap. de Casteln.,
Hist. Nat., Col., ii, p. 60.
Hab. Java.
- quinquemaclulatum*, Fabr., *Syst. Eleuth.*, i, 1801, p. 94 : Lap. de Casteln., *Hist. Nat.*
Col., ii, p. 60.
Hab. Java, [*Ind. Mus.*, S. India].
- tricolor*, Walker, *Ann. Mag. N. H.*, (3s.) ii, 1858, p. 209.
Hab. Ceylon.
- victinum*, Lap. de Casteln., *Hist. Nat. Ins.*, Col. ii, 1850, p. 60.
Hab. Java.

Genus **PACHYSTERNUM**.

- Motschulsky, *Bull. Mosc.*, xxxvi (2), 1863, p. 446 : *Mun. Cat.*, p. 501.
- apicatum*, Motschulsky, *Bull. Mosc.*, xxxvi (2), 1863, p. 448.
Hab. India.
- nigrovittatum*, Motschulsky, *l. c.*, p. 447, t. 9, f. 22.
Hab. Ceylon.

Genus **CRYPTOPLEURUM**.

- Mulsant, *Col. Fr. Palp.*, 1844, p. 188 : Lacord., *Gen. Col.*, i, p. 475 : *Mun. Cat.*, p.
501 : Sharp, *Biol. Centr. Amer.*, Col., i (2), p. 115 : Leconte & Horn, *Class.*, Col.,
p. 73.
- sulcatum*, Motschulsky, *Bull. Mosc.*, xxxvi (2), 1863, p. 448.
Hab. Ceylon.

Family **SILPHIDÆ.**

Catalogue of the Insecta of the Oriental Region, No. 8. Order Coleoptera, Family SILPHIDÆ.—By E. T. ATKINSON, B. A.

The *Silphidæ* have the body depressed, the head more or less depressed and often posteriorly narrowed into a neck; mandibles exerted, strong; thorax orbicular or nearly so, forming a shield to the head, tarsi 5-jointed. They are known as scavenger beetles, and live on decomposing animal matter or fungi. They have been divided into the following sub-families by Leconte & Horn¹:—

Posterior coxæ simple.

Anterior coxæ more or less transverse at the base and with trochantin.

Anterior coxal cavities open behind.

Posterior coxæ contiguous. *Silphini.*

Posterior coxæ distant.

Anterior coxæ prominent: five ventral segments. *Lyrosomini.*

Anterior coxæ not prominent: six ventral segments. *Pinodytini.*

Anterior coxal cavities closed behind. *Anistomini.*

Anterior coxæ cylindro-conical, without trochantin, the cavities closed behind, often widely. *Cholevini.*

Posterior coxæ laminate.

Anterior coxæ with trochantin, the cavities closed behind. *Clambini.*

Dr. Reitter has also given a classification of the family, but it has not been generally received.²

The *Silphini*, *Cholevini*, and *Clambini* are alone represented in our Fauna, and but few species have, as yet, been described from the Oriental Region.

Family **SILPHIDÆ.**

Leach, Edinb. Encycl., 1815: Westwood, Mod. Class. Ins., i, 1839, p. 135: (*Silphales*) Lacordaire, Gen. Col., ii, 1854, p. 192: Jacq. Duval, Gen. Col. Eur., i, p. 101: Mun. Cat., p. 716: Leconte & Horn, Class. Col., p. 77: Matthews, Biol. Centr. Amer., Col., ii (i), 1887, p. 72.

¹ Class. Col. N. America, Smithsonian. Misc. Coll., 1883, p. 78.

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Hab. Middle China, Japan.

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Hab. India, Nepal.

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Hab. Middle China.

Genus **PTOMASCOPUS.**

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Hab. China, Kiukiang, Peking, Mongolia, Japan.

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Hab. India, Bengal [*Ind. Mus. Silhat*].

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Hab. Ceylon.

Family **CORYLOPHIDÆ.**

Catalogue of the Insecta of the Oriental Region, No. 9. Order Coleoptera,
Family CORYLOPHIDÆ—By E. T. ATKINSON, B. A.

Matthews places this family close to the Silphidæ, but would separate *Aphanocephalus* as a distinct family (*Pseudocorylophidæ*) to be placed near the Coccinellidæ. Leconte observes that 'the wings fringed with long hairs give this family a certain affinity with the Trichopterygidæ, while the loose antennal club, and the comparatively small size of the fourth joint from the end, in several genera, show an unmistakable resemblance to *Anisostoma*, and other small Silphidæ. The form of the mandibles and the structure of the tarsi, however, distinguish this family from all allies.' Jacquelin Duval, forms two groups :—*Corylophini* in which the head is entirely hidden beneath the anterior margin of the pronotum, broadly rounded and dilated in front; more or less rounded before the eyes. *Orthoperini* in which the head is more or less exposed in front of the anterior margin of the pronotum which is more or less emarginate; abruptly contracted before the eyes. In his description of the species of the family that occur in Central America (Biol. Centr. Amer., Col., ii (i), p. 12) Matthews forms several tribes that need not be noticed here.

Family **CORYLOPHIDÆ.**

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Hab. India.

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Hab. India.

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Hab. Ceylon.

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Hab. Ceylon.

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Hab. India.

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Hab. Burma.

croceus, Matthews, *l.c.*, p. 107.

Hab. Siam.

navicollis, Matthews, *l.c.*, p. 107.

Hab. Java.

rotundatus, Matthews, *l.c.*, p. 106.

Hab. Borneo.

semipunctatus, Matthews, *l.c.*, p. 107.

Hab. Java.

suffusus, Matthews, *l.c.*, p. 106.

Hab. China.

Genus **GLOESOMA**.

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Hab. Ceylon.

Genus **SERICODERUS**.

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Gryphinus, Redtenbacher, Fauna Austriaca, 1849, p. 50.

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Hab. Ceylon.

Genus **PELTINUS**.

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Hab. Java.

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unicolor, Matthews, Ann. Mag. N. H., (5s.) xix, 1887, p. 109.
Hab. Java.

Genus **CATOPTYX.**

Matthews, Ann. Mag. N. H., (5s.) xix, 1887, p. 111.

Bowringii, Matthews, l.c., p. 112.
Hab. Java.

Genus **APHANOCEPHALUS.**

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Maximilla, Matthews, Ann. Mag. N. H., (5s.) xix, 1887, p. 115.
Hab. China.

quadrinaculatus, Matthews, l.c., p. 114.
Hab. Penang.

vitreus, Matthews, l.c., p. 114.
Hab. China.

†

† alutaceum (*Socium*), Matthews, l.c. p. 106.
Hab. Maldonado.

Family **SCYDMÆNIDÆ.**

Catalogue of the Insects of the Oriental Region. Order Coleoptera, No. 10.

Family SCYDMÆNIDÆ—By E. T. ATKINSON, B. A.

The *Scydmaenidae* are small, shining insects, usually ovate, of a brown colour, more or less clothed with erect hairs. It is only of late years that many have been recorded from the Oriental Region. Schaufuss, in 1866, gave the bibliography up to that date in his Monograph. In 1882, Reitter sub-divided the family into five tribes:—*Chevrolatini*, *Cephenini*, *Scydmaenini*, *Eumicrini*, and *Mastigini*, and, since then, has suggested that the name *Eumicrus*, Lap., should be changed into *Scydmaenus*, whilst for the *S. Godartii* series to which that name had been applied, the name *Cyrtoscydmus* Motsch., should be used. This proposal has not received such acceptance as to warrant its adoption here. The insects of this family are found near water, under stones, in ants' nests and under bark, and occasionally flying in the dusk. Leconte notices that the *Scydmaenidae* differ from the *Pselaphidae*, to which they are closely allied, by the long elytra and the conical distant posterior coxæ. The Indian Museum does not possess any specimens from the Oriental Region.

The following undescribed species of Motschulsky have been omitted from this Catalogue :—

- Eumicrus glabriculus*, Bull. Mosc., xlii (i), 1869, p. 258, Ceylon.
Scydmaenus incrassatus, l. c., p. 264. India.
 „ *longipalpis*, l. c., p. 268. India.
 „ *quadrifoveolatus*, l. c., p. 266. India.
 „ *subangulosus* l. c., p. 264. India.

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Reitter E. :—

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Family SCYDMAENIDÆ.

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Genus CEPHENNIUM.

Müller & Kunze, Monograph, Schrift. Ges. Leips., i, 1822, p. 188 : Lacord., Gen. Col., ii, p. 188 : Jacq. Duval, Gen. Col. Eur., i, p. 122, t. 39, f. 193 : Motschulsky, Bull. Mosc., xlii (i), 1869, p. 270 : Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 543, 547 : Leconte & Horn, Class. Col., p. 84.

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Nanophthalmus, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 606 : Reitter,
l.c., p. 554.

festivum, Schaufuss, Deutsche Ent. Zeits., xxxiii, 1889, p. 27.

Hab. Singapur.

ovatum (*Soydæmaenus*), Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 553 ; *id.*, Ann. Mag.

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p. 394.

brevisculus, Motschulsky, Et. Ent., vii, 1858, p. 32.

Hab. Ceylon, Nuwara Eliya.

Raffrayii, Schaufuss, Deutsche Ent. Zeits., xxxiii, 1889, p. 29.

Hab. Singapur.

Genus CEPHENNODES.

Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 420.

simonis, Reitter, *l.c.*, p. 421.

Doriae (*Cephennum*), Schaufuss, Ann. Mus. Civ. Gen., (2s.) i, 1883, p.
422.

Hab. Borneo, Tameangleiang.

Genus EUCONNUS.

Thomson, Skand. Col., iv, 1862, p. 88 : Schaufuss, *Mon.*, 1866, p. 29 : Reitter, Ins.

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batavianus, Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 299.

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bradypodus (*Soydæmaenus*), Schaufuss, Ann. Mus. Civ. Gen., (2s.) i, 1884, p. 391,

402.

Hab. Borneo, Sarawak.

Charon, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 423.

Hab. Borneo, Telang.

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Hab. India, Bengal.
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- crassiceps*, Reitter, *l.c.*, xxxii, 1882, p. 301 : Schaufuss, Ann. Mus. Civ. Gen., (2s.) i, p. 389.
Hab. Batavia.
- dicrous*, Reitter, *l.c. supra*, xxxii, 1882, p. 301 : Schaufuss, *l.c. supra*, p. 389.
Hab. Borneo, Tumbang Hiang.
- discedens*, Reitter, *l.c. supra*, xxxiii, 1883, p. 424.
Hab. Borneo, Telang.
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Hab. Batavia.
- eumicroides*, Reitter, *l.c.*, xxxiii, 1883, p. 424.
Hab. Borneo, Telang.
- extensicornis* (*Scydmaenus*), Motschulsky, Bull. Mosc., xxxvi (2), 1863, p. 429; *ib.* xlii (i), p. 267.
Hab. Ceylon.
- fallax*, Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 302 : Schaufuss, Ann. Mus. Civ. Gen., (2s.) i, p. 389.
Hab. Batavia.
- favorabilis*, Reitter, *l.c. supra*, xxxiii, 1883, p. 424.
Hab. Borneo, Tameangleiang.
- avidulus* (*Scydmaenus*), Motschulsky, Bull. Mosc., xxiv (4), 1857, p. 505; *ib.* xlii (i), p. 268.
Hab. India.
- fractionis*, Schaufuss, Ann. Mus. Civ. Gen., (2s.) i, 1883, p. 389, 395.
Hab. Borneo, Sarawak.
- glandifloris* (*Scydmaenus*), Motschulsky, Bull. Mosc., xxxvi (2), 1863, p. 428; *ib.*, xlii (i), p. 267.
Hab. Ceylon.
- glanduliferus*, Nietner, Jl. As. Soc. Ben., xv, 1856, p. 551; *ib.*, Ann. Mag. N. H. (2s.) xx, 1857, p. 187; Schaufuss, Ann. Mus. Civ. Gen., (2s.) i, 1883, p. 390.
Nietnerii, Motschulsky, Et. Ent., vii, 1858, p. 30.
Hab. Ceylon.
- globiceps*, Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 300 : Schaufuss, *l.c. supra*, p. 390.
Hab. Borneo, Tumbang Hiang.
- graminicola*, Nietner, Jl. As. Soc. Beng., xv, 1856, p. 551; *ib.*, Ann. Mag. N. H. (2s.) xx, 1857, p. 188; Schaufuss, *l.c. supra*, p. 389.
falsatus, Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 301.
Hab. Ceylon, Batavia.

- grandis*, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 50.
Hab. India.
- laevissimus*, Motschulsky, *l.c.*, p. 50a.
Hab. India.
- longipilis* (*Napochus*), Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 290.
Hab. Batavia.
- luculus* (*Napochus*), Reitter, Verh. *l.c.* xxxiii, 1883, p. 422.
Hab. Java.
- megamela* (*Scydmaenus*), Walker, Ann. Mag. N. H., (2s.) iii, 1859, p. 52.
Hab. Ceylon.
- nigripalpis*, Schaufuss, Ann. Mus. Civ. Gen., (2s.) i, 1883, p. 389, 395.
Hab. Borneo, Sarawak.
- nigritulus*, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 426.
Hab. Borneo, Telang.
- piccolis* (*Scydmaenus*), Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 505; *ib.*, xliii (i), p. 268.
Hab. India.
- pubescens*, Nietner, Jl. As. Soc. Ben., xxv, 1856, p. 550; *id.*, Ann. Mag. N. H., (2s.) xx, 1857, p. 186.
Hab. Ceylon:
- pygmaeus*, Nietner, Jl., *l.c.*, p. 550; *id.*, Ann., *l.c.*, p. 187; Motsch., Bull. Mosc., xliii (i), p. 266.
Hab. Ceylon.
- pyriformis*, Nietner, Jl. *l.c.*, p. 552; *id.*, Ann. *l.c.*, p. 188; Schaufuss, Tijds. v. Ent. xxv, 1882, p. 75; *id.*, Notes Leyden Mus., iv, p. 156; Ann. Mus. Civ. Gen., (2s.) i, 1883, p. 390, 394.
brunnipennis, Motschulsky, Et. Ent., vii, 1855, p. 30; *id.*, Bull. Mosc., xxxvi (2), 1863, p. 428; *ib.*, xliii (i), p. 265.
Hab. Ceylon, Java, Sumatra, Celebes.
- quinquefoveatus* (*Scydmaenus*), Motschulsky, Bull. Mosc., xxxvi (2), 1863, p. 427.
? = *pyriformis*, *q. v.*
Hab. Ceylon.
- rufescens* (*Scydmaenus*), Motschulsky, *l.c.*, xxiv (4), 1851, p. 504; *ib.*, xliii (i), p. 264.
? = *pyriformis*, *q. v.*
Hab. India.
- seminudus*, Schaufuss, Ann. Mus. Civ. Gen., (2s.) i, 1883, p. 390, 395.
Hab. Bali.
- semisulcatus*, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 426.
Hab. Batavia, Pengaron.
- simulator*, Reitter, *l.c.*, xxxii, 1882, p. 302; Schaufuss, Ann. Mus. Civ. Gen., (2s.) i, 1883, p. 389.
Hab. Java, Batavia

- singalanensis*, Schaufuss, Ann. Mus. Civ. Gen., (2a.) i, 1883, p. 390, 401.
Hab. Sumatra.
- sparsulus*, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 425.
Hab. Java, Batavia, Barabei.
- telangensis*, Reitter, *l.c.*, xxxiii, 1883, p. 425.
Hab. Borneo, Telang.
- tetratoma*, Reitter, *l.c.*, xxxii, 1883, p. 300.
Hab. Borneo, Tumbang Hiang.
- transversoornis* (*Scydmaenus*), Motschulsky, Bull. Mosc., xxxvi (2), 1868, p. 426 :
(*Tetramelus*) *id.*, *l.c.*, xlii (i), p. 257.
Hab. Ceylon.
- trichocerus* (*Scydmaenus*), Motschulsky, *l.c.*, xxiv (4), 1851, p. 504; *ib.*, xlii (i),
p. 265.
Hab. India.
- trinodis* (*Scydmaenus*), Motschulsky, Et. Ent., vii, 1858, p. 82; *ib.*, xlii (i), p. 266.
Hab. Ceylon.
- villosus* (*Scydmaenus*), Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 504; *ib.*, xlii (i),
p. 267.
Hab. India, Bombay.

Genus ELACATAPHORA.

- Schaufuss, Ann. Mus. Civ. Gen., (2a.) i, 1883, p. 403.
robusta, Schaufuss, *l.c.*, p. 391, 404.
Hab. Java.

Genus EUMICRUS.

- Lap. de Casteln., Hist. Nat. Ins. Col., i, 1840, p. 209 : Lacord., Gen. Col., ii, p. 187 :
Jacq. Duval, Gen. Col. Eur., i, p. 120, t. 39, f. 192 : Motsch., Bull. Mosc., xlii (i),
1869, p. 257 : Reitter, Ins. Deutsch., iii (2), p. 194 : Sharp, Biol. Centr. Amer.,
Col., ii, p. 64 : Schaufuss, *Mon.*, p. 80; *id.*, Berlin. Ent. Zeit., xxxi, 1887, p. 316 :
Leconte & Horn, Class. Col., p. 84 : Sharp, Biol. Centr. Amer., Col., ii (i), 1887,
p. 64.
- subg. { *Eumicrus*, Laporte de Casteln., *l.c. supra* : Reitter, Verh. Zool. bot.
Ges. Wien, xxxi, p. 581; Wien Ent. Zeit. vi, p. 140 : type, *torosus*, Müller
& Kunze, 1822.
Microstemma, Motschulsky, Et. Ent., 1857, p. 57; Bull. Mosc., xlii (i), 1869,
p. 259.
- subg. *Eustemma*, Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 582; Wien
Ent. Zeit. vi, 1887, p. 141 : type *Olivieri*, Reitter, Wien Ent. Zeit. *l.c.*
- subg. { *Scydmaenus*, Reitter, Wien Ent. Zeit. *l.c.*, p. 143 : type, *Hellwigii* Fabr.
Chalorus Thomson, Skand. Col., iv, 1862, p. 77. type, *rufus*, Müller &
Kunze.
Heterognathus, King, Trans. Ent. S. N. S. Walen, i, 1864, p. 91 : Reitter,
Verh. Zool. bot. Ges. Wien, xxxi, p. 583.

- ! *Cyrtoscydmus*, Motschulsky, Bull. Mosc., xlii (1), 1869, p. 260 : Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 567.
- Pseudomicrus*, Motschulsky, l.c., xxxvi (2), 1863, p. 425 ; *id.*, xlii (1), 1869, p. 268.
- ! *Stenichnus*, Thomson, Skand. Col., i, 1859, p. 61 ; iv, p. 85 : Reitter, Verh. Wien, l.c. *supra*, p. 570.
- [Motschulsky (in 1869) proposed the Genus *Cyrtoscydmus* for those species of *Scydmaenus* that have narrow, indistinctly toothed, falciform mandibles, feebly clavate antennae and apterous females, and compared with the true *Scydmaenus*, a generally less angular form, more strongly punctured and more evenly pubescent surface ; a cordate thorax, more convex in front, with large basal forecoxae, and anterior tibiae more or less triangularly dilated (type *S. Godartii*, Latreille).]
- advolans*, Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 549 ; Ann. Mag. N. H., (2a.) xx, p. 185.
Hab. Ceylon.
- agilis*, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 427 : Schaufuss, Ann. Mus. Civ., Gen., (2a.) i, 1883, p. 393.
Hab. Borneo, Tameangleiang.
- alatus*, Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 543 ; Ann. Mag. N. H., (2a.) xx, p. 180 : Schaufuss, Nunq. Ot., iii, p. 562.
Hab. Ceylon.
- aurifer* (*Scydmaenus*), Schaufuss, Deutsche Ent. Zeits., xxxiii, 1889, p. 41.
Hab. Singapur.
- birmanicus* (*Eumicrus*), Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 504 : *id.* (*Microstoma*), l.c., xli (1), 1869, p. 260.
Hab. India.
- capillaris* (*Cyrtoscydmus*), Schaufuss, Deutsche Ent. Zeits., xxxiii, 1889, p. 20.
Hab. Singapur.
- centurionis* (*Cyrtoscydmus*), Schaufuss, l.c., p. 11.
Hab. Singapur.
- ceylanicus*, Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 545 ; *id.*, Ann. Mag., N. H., (2a.) xx, p. 182 : Schaufuss, Nunq. Otios., iii, p. 562.
crassicornis, Motschulsky, Et. Ent., vii, 1858, p. 29 ; Bull. Mosc., xlii (1), p. 258.
Hab. Ceylon.
- cohaerens*, Schaufuss, Ann. Mus. Civ. Gen., (2a.) i, 1883, p. 392, 409.
Hab. Borneo.
- concinatus* (*Cyrtoscydmus*), Schaufuss, Deutsche Ent. Zeits., xxxiii, 1889, p. 12.
Hab. Singapur.
- conifer* (*Cyrtoscydmus*), Schaufuss, l.c., p. 16.
Hab. Singapur.
- convexus*, Schaufuss, Ann. Mus. Civ. Gen., (2a.) i, 1883, p. 392, 415.
Hab. Borneo.

- cyrtocerus* (*Seydmanus*), Motschulsky, *Bt. Ent.*, vii, 1853, p. 31; *id.*, *Bull. Mosc.*, xlii, (i), p. 267.
Hab. Ceylon.
- declinatus*, Reitter, *Verh. Zool. bot. Ges. Wien*, xxxiii, 1883, p. 427; Schaufuss, *Ann. Mus. Civ. Gen.*, (2s.) i, 1883, p. 393.
Hab. Borneo, Tameangleiang.
- diversopterus*, Schaufuss, *Deutsche Ent. Zeits.*, xxxiii, 1889, p. 42.
Hab. Singapur.
- Doris*, Schaufuss, *Ann. Mus. Civ. Gen.*, (2s.) i, 1884, p. 419.
Hab. Sumatra.
- epopsimus*, Schaufuss, *Tijds. v. Ent.*, xxv, 1882, p. 74; *Notes Leyden Mus.*, iv, p. 155.
Hab. Batavia.
- extensionis* (*Seydmanus*), Schaufuss, *Deutsche Ent. Zeits.*, xxxiii, 1889, p. 40.
Hab. Singapur.
- femineus* (*Cyrtocydmus*), Schaufuss, *l.c.*, p. 3.
Hab. Singapur.
- femorialis*, Nietner, *Jl. As. Soc. Beng.*, xxv, 1856, p. 544; *id.*, *Ann. Mag. N. H.*, (2s.) xx, 1857, p. 182; Schaufuss, *Nunq. Otios.*, iii, p. 662.
Hab. Ceylon.
- hicornis*, Schaufuss, *Ann. Mus. Civ. Gen.*, (2s.) i, 1883, p. 393, 414.
Hab. Java.
- frontalis*, Reitter, *Verh. Zool. bot. Ges. Wien*, xxxiii, 1883, p. 426.
Hab. Borneo, Tameangleiang.
- glandulifer* (*Cyrtocydmus*), *Deutsche Ent. Zeits.*, xxxiii, 1889, p. 14.
Hab. Singapur.
- intermedius*, Nietner, *Jl. As. Soc. Beng.*, xxv, 1856, p. 546; *id.*, *Ann. Mag. N. H.*, (2s.) xx, p. 183; Schaufuss, *Nunq. Otios.*, iii, p. 562.
Hab. Ceylon.
- laborator* (*Cyrtocydmus*), Schaufuss, *Deutsche Ent. Zeits.*, xxxiii, 1889, p. 13.
Hab. Singapur.
- lanuginosus*, Reitter, *Verh. Zool. bot. Ges. Wien*, xxxii, 1882, p. 302; Schaufuss, *Ann. Mus. Civ. Gen.*, (2s.) i, 1883, p. 393.
Hab. Borneo, Tambang Hiang.
- longicornis*, Motschulsky, *Bull. Mosc.*, xxiv (4), 1851, p. 503; (*Pseudemiorus*) *id.*, xli (i), p. 259.
Hab. India.
- mantiformis*, Schaufuss, *Ann. Mus. Civ. Gen.*, (2s.) i, 1883, p. 392, 408.
Hab. Borneo, Sumatra.
- obtusus*, Motschulsky, *Bull. Mosc.*, xxiv (4), 1851, p. 503; *id.*, *l.c.*, xlii (1), p. 258.
Hab. India.
- ocularis* (*Cyrtocydmus*), Schaufuss, *Deutsche Ent. Zeits.*, xxxiii, 1889, p. 12.
Hab. Singapur.

- ovicolis*, Schaufuss, Ann. Mus. Civ. Gen., (2a.) i, 1883, p. 392, 410.
Hab. Singapur.
- pilipennis* (*Pseudomicrus*), Motsch., Bull. Mosc., xxxvi (2), 1863, p. 425; Reitter, Wien Ent. Zeit., i, 1882, p. 139.
Hab. Ceylon.
- plutus*, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 504; (*Pseudomicrus*) *ib.*, xli (1), p. 259.
Hab. India, Bengal.
- potior*, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1884, p. 427.
Hab. Borneo, Telang.
- procer* (*Scydmaenus*), Motschulsky, Et. Ent., vii, 1853, p. 30; *id.*, Bull. Mosc., xlii (1), p. 266.
Hab. Ceylon? Columbia?
- reclaphoides*, Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 547; *id.*, Ann. Mag. N. H., (2a.) xx, 1857, p. 184; Schaufuss, Nunq. Otios., iii, p. 562.
Hab. Ceylon.
- rudicus* (*Cyrtoscydmus*), Schaufuss, Deutsche Ent. Zeits., xxxiii, 1889, p. 6.
Hab. Singapur.
- samillo* (*Cyrtoscydmus*), Schaufuss, *l.c.*, p. 5.
Hab. Singapur.
- regularis* (*Scydmaenus*), Schaufuss, *l.c.*, p. 41.
Hab. Singapur.
- rugulus* (*Cyrtoscydmus*), Schaufuss, *l.c.*, p. 5.
Hab. Singapur.
- Reitterii*, Schaufuss, Ann. Mus. Civ. Gen., (2a.) i, 1883, p. 392, 407.
Hab. Java.
- sericeocolis*, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 503; (*Pseudomicrus*) *ib.*, xli (1), p. 259.
Hab. India.
- similis* (*Scydmaenus*), Schaufuss, Deutsche Ent. Zeits., xxxiii, 1889, p. 39.
Hab. Singapur.
- stimulus*, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1884, p. 427.
Hab. Borneo, Telang.
- subsimilis*, Schaufuss, Ann. Mus. Civ. Gen., (2a.) i, 1883, p. 393, 415.
Hab. Borneo, Sarawak.
- tenuloornis*, Schaufuss, *l.c.*, p. 393, 416.
Hab. Java.
- timendus* (*Cyrtoscydmus*), Schaufuss, Deutsche Ent. Zeits., xxxiii, 1889, p. 4.
Hab. Singapur.
- unelatus*, Schaufuss, Ann. Mus. Civ. Gen., (2a.) i, 1883, p. 398, 419.
Hab. Sumatra.
- vittatus* (*Cyrtoscydmus*), Schaufuss, Deutsche Ent. Zeits., xxxiii, 1889, p. 11.
Hab. Singapur.

Genus **HORAEOMORPHUS**.

Schaufuss, *Deutsche Ent. Zeits.*, xxxiii, 1889, p. 21.

oemicroides, Schaufuss, *l.c.*, p. 21.

Hab. Singapur.

Genus **SYNDICUS**.

Motschulsky, *Bull. Mosc.*, xxiv (4), 1851, p. 502 : *id.*, xliii (1), 1869, p. 259 : Schaufuss, *Ann. Mus. Civ. Gen.*, (2a.) i, 1883, p. 404.

paeninsularis, Schaufuss, *Deutsche Ent. Zeits.*, xxxiii, 1889, p. 22.

Hab. Singapur.

pilicornis, Motschulsky, *Bull. Mosc.*, xxiv (4), 1851, p. 503 : Schaufuss, *Ann. Mus. Civ. Gen.*, (2a.) i, 1883, p. 391.

principulus, Schaufuss, *Hor. Ent. Ross.*, xxi, 1887, p. 114.

Hab. Sumatra.

sumatrensis, Schaufuss, *Ann. Mus. Civ. Gen.*, (2a.) i, 1883, p. 391, 465.

Hab. Sumatra, Mt. Singalan.

Genus **GLANDULARIA**.

Schaufuss, *Deutsche Ent. Zeits.*, xxxiii, 1879, p. 3.

appendiculata, Schaufuss, *l.c.*, p. 25.

Hab. Singapur.

Erichsonii, Schaufuss, *l.c.*, p. 24.

Hab. Singapur.

fricatoris, Schaufuss, *l.c.*, p. 23.

Hab. Singapur.

interrupta, Schaufuss, *l.c.*, p. 26.

Hab. Singapur.

quadrioveolata, Schaufuss, *l.c.*, p. 25.

Hab. Singapur.

Genus **CLIDICUS**.

Lap. de Casteln., *Anu. Soc. Ent. Fr.*, 1832, p. 396 : Lacord., *Gen. Col.*, ii, p. 189 : *Mun. Cat.*, p. 715 : Reitter, *Wien Ent. Zeit.*, vi, 1887, p. 64, 803.

formicarius, Pascoe, *Jl. Ent.*, ii (1863), 1866, p. 28, t. 2, f. 3 : Reitter, *Wien. Ent. Zeit.*, vi, p. 64, 303.

? *Doriae*, Schaufuss, *Ann. Mus. Civ. Gen.*, (2a.) i, 1883, p. 394, 419.

Hab. Java, Sumatra.

grandis, Lap. de Casteln., *Ann. Soc. Ent. Fr.*, 1832, p. 397 ; *id.*, *Etud. Ent.*, i, 1834, p. 138 : Fairmaire, *Ann. Soc. Ent. Fr.*, 1866, p. 529 : Lacord., *Gen. Col.*, ii, p. 189, *Atlas*, t. 16, f. 4 : Gestro, *Ann. Mus. Civ. Gen.*, xii, p. 145, 147, fig. : Reitter, *Wien Ent. Zeit.*, vi, p. 304.

Gaenglbaueri, Reitter, *Wien Ent. Zeit.*, vi, 1887, p. 64.

Hab. Borneo, Java.

monstrosus. (*Erineus*) Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 206.

Hab. Ceylon.

taphrocephalus, R. Gestro, Ann. Mus. Civ. Gen., xii, 1878, p. 144, fig.: Reitter, Wien Ent., Zeit., vi, p. 303.

grandis, Reitter, l.c., p. 64 (*nec* Casteln.).

Hab. Borneo, Sarawak.

Genus AGATHELOR.

Schaufuss, Ann. Mus. Civ. Gen., (2s.) i, 1883, p. 420.

brevitarsis, Schaufuss, l.c., p. 394, 421.

Hab. Borneo.

deplanatum, Schaufuss, l.c., p. 394, 421.

Hab. Borneo.

Family PSELAPHIDÆ.

Catalogue of the Insecta of the Oriental Region, No. 11. Order Coleoptera,
Family PSELAPHIDÆ.—By E. T. ATKINSON, B. A.

Leconte describes the *Pselaphidæ* as comprising a number of very small insects, not exceeding one-eighth of an inch in length, of a chestnut-brown colour, usually slightly pubescent: the head and thorax are most frequently narrower than the elytra and the abdomen, the latter is convex, and usually obtuse at the apex. Many are found flying at twilight, others in ants' nests, or under stones or bark. The general form is that of the *Scydmaenidæ* from which the *Pselaphidæ* are distinguished by the truncate, short elytra that leave a part of the abdomen exposed, and the narrow, transverse, usually not contiguous, posterior coxæ. Dr. L. W. Schaufuss¹ distributed the genera into six groups arranged according to the number of the antennal joints:—*Articerides*, *Adranides*, *Goniastides*, *Clavigerides*, *Cyathigerides* and *Pselaphides*. This arrangement was reviewed by Dr. E. Reitter,² in 1882, who formed five sub-families, *Otenistini*, *Batrisini*, *Bryasini*, *Pselaphini* and *Euplectini*. Leconte & Horn,³ give two sub-families, *Clavigerinae* and *Pselaphinae*, the latter of which is again sub-divided into groups.

List of principal works quoted.

Aube, C. :—

Monographie des Pselaphiens, Rev. Mag. Zool. 1834.

'Note sur la famille des Pselaphiens,' in Ann. Soc. Ent. Fr., ii, 1893, p. 502.

Révision de la famille des Pselaphiens, in Ann. Soc. Ent. Fr., (2s.) ii, 1834, p. 73.

¹ Nunquam Otiosus, ii, 1872, p. 213.

² Ina. Deutschl., iii, 1882, p. 10: Verh. Ver. Brünn, xx, 1882, p. 177.

³ Class. Col., 1883, p. 85.

King, E. L. :—

On the Pselaphidae of Australia, in *Trans. Ent. S. N. S. Wales*, i, 1864, p. 37, 102.

MOTSCHEL'SKY, V. :—

Énumération des nouvelles espèces des coléoptères rapportés de son voyage, in *Bulletin de la Société Impériale des Naturalistes de Moscou*, xxiv (4), 1851, p. 479.

In this paper there are numerous species either undescribed, or imperfectly described, and which are therefore omitted from this catalogue. Some have the letters 'M P' attached to them which stand for 'Museum of Prague,' and it is stated that M. Dornietzer would subsequently describe the species so marked, but I have not been able to trace any reference to the promised descriptions. I have admitted as good some species subsequently identified, and have omitted the following though recorded in the Munich catalogue :—

| | | |
|---|---------------------------|-----------|
| <i>Acmaeonotus Motschulskyi</i> , Bull. Mosc., l.c., p. 488. —† | | |
| <i>Batriscus armiger</i> , | l.c., p. 485. | Bengal. |
| <i>bryaxoides</i> , | l.c., p. 494. | Bengal. |
| <i>bucephalus</i> , | l.c., p. 487. | India. |
| <i>Dennyi</i> , | l.c., p. 487. | India. |
| <i>excavatus</i> , | l.c., p. 485. | Bengal. |
| <i>femoralis</i> , | l.c., p. 487. | India. |
| <i>fossulatus</i> , | l.c., p. 489. | Bengal. |
| <i>foveicollis</i> , | l.c., p. 488. | Bengal. |
| <i>grandis</i> , | l.c., p. 489. | India. |
| <i>Helferi</i> , | l.c., p. 489. | India. |
| <i>Lecontei</i> , | l.c., p. 486. | India. |
| <i>macrocerus</i> , | l.c., p. 487. | India. |
| <i>mucronatus</i> , | l.c., p. 485. | India. |
| <i>nitidulus</i> , | l.c., p. 486. | India. |
| <i>nodifrons</i> , | l.c., p. 485. | India. |
| <i>nodosus</i> , | l.c., p. 486. | Bengal. |
| <i>pezus</i> , | l.c., p. 489. | Bengal. |
| <i>piliiferus</i> , | l.c., p. 484. | Bengal. |
| <i>puncticollis</i> , | l.c., p. 485. | India. |
| <i>Reichenbachii</i> , | l.c., p. 486. | India. |
| <i>sculpticollis</i> , | l.c., p. 489. | India. |
| <i>spiniventris</i> , | l.c., p. 486. | Bengal. |
| <i>ventralis</i> , | l.c., p. 484. | India. |
| <i>Bryazis brevicornis</i> , | l.c., p. 493. | India. |
| <i>castanoptera</i> , | l.c., p. 491. | Calcutta. |
| <i>clavata</i> , | l.c., p. 491. | Calcutta. |
| <i>crassicornis</i> , | l.c., p. 492. (nec Broun) | Calcutta. |
| <i>decorata</i> , | l.c., p. 494. | India. |
| <i>dilatata</i> , | l.c., p. 492. | India. |
| <i>extensa</i> , | l.c., p. 494. | India. |
| <i>indistincta</i> , | l.c., p. 491. | Bengal. |
| <i>lata</i> , | l.c., p. 491. | Calcutta. |

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|---------------------------------------|----------------|---------|---------|
| <i>Bryasis simplex</i> , | <i>l. c.</i> , | p. 491. | India. |
| „ <i>suturalis</i> . | <i>l. c.</i> , | p. 491. | India. |
| <i>Centrophthalmus, Horsfieldii</i> , | <i>l. c.</i> | p. 479. | Bombay. |
| „ <i>longicornis</i> , | <i>l. c.</i> , | p. 480. | India. |
| „ <i>orbicollis</i> , | <i>l. c.</i> , | p. 480. | India. |
| „ <i>pilosus</i> , | <i>l. c.</i> , | p. 480. | India. |
| „ <i>thoracicus</i> , | <i>l. c.</i> , | p. 480. | India. |
| <i>Claviger Hageni</i> , | <i>l. c.</i> , | p. 502. | —? |
| <i>Ctenistes angusticollis</i> , | <i>l. c.</i> , | p. 481. | India. |
| „ <i>costulatus</i> , | <i>l. c.</i> , | p. 481. | India. |
| „ <i>hindustanus</i> , | <i>l. c.</i> , | p. 481. | Bombay. |
| „ <i>longicornis</i> , | <i>l. c.</i> , | p. 481. | India. |
| <i>Euplectes elongatus</i> , | <i>l. c.</i> , | p. 501. | India. |
| „ <i>pulcher</i> , | <i>l. c.</i> , | p. 499. | India. |
| „ <i>Westwoodi</i> , | <i>l. c.</i> , | p. 500. | India. |
| <i>Glyptosoma Paulinae</i> , | <i>l. c.</i> , | p. 480. | India. |
| <i>Harmophorus gibboides</i> , | <i>l. c.</i> , | p. 490. | India. |
| <i>Mecostelia impressa</i> | <i>l. c.</i> , | p. 481. | India. |
| „ <i>simplex</i> | <i>l. c.</i> , | p. 481. | India. |
| <i>Metaxis corpulentus</i> , | <i>l. c.</i> , | p. 490. | India. |
| „ <i>lativentris</i> , | <i>l. c.</i> , | p. 490. | India. |
| „ <i>politus</i> , | <i>l. c.</i> , | p. 490. | India. |
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Hab. Burma.

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Hab. Singapur.

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Hab. Siam, Batavia Borneo, Celebes, Macassar.

quadristriatus, Schaufuss, Pselaph. Siam's, 1877, p. 22; *id.*, Tijds. v. Ent., xxv, p. 73.

Hab. Singapur, E. Java, Batavia.

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Hab. Siam, Bangkok.

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Hab. Java.

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Hab. Borneo, Sarawak.

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Hab. India, Burma.

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Hab. Sumatra Ajer Mantjior.

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Hab. Borneo.

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- celebensis**, Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 373 : (*Syrbatus*) Reitter, *Syn.*, p. 398.
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Hab. India, Burma.
- excisus**, Schaufuss, *Pselaph. Siam's* 1877, p. 16 ; *id.*, Ann. Mus. Civ. Gen., xviii, p. 379.
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- exiguus**, Raffray, Rev. d'Ent., i, 1882, p. 61.
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Hab. Sumatra.
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- heterocerus**, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 484.
Hab. India.
- holosericeus**, Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 387.
Hab. Sumatra, Singalang.
- incertus**, Schaufuss, *l.c.*, p. 392.
Hab. Borneo, Sarawak.
- indus**, Schaufuss, *l.c.*, p. 375 : (*Batrisodes*) Reitter, *Syn.* p. 393.
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- javanus**, Raffray, Rev. d'Ent., i, 1882, p. 63.
Hab. Java.
- laminidens** (*Batrisodes*), Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 397, t. 20, f. 5.
Hab. Borneo.
- lateridens**, Reitter, *l.c.* p. 398.
Hab. Borneo, Tameangleiang.

- longipennis*, Raffray, Rev. d'Ent., i, 1882, p. 64; Schaufuss, Ann. Mus. Civ. Gen., xviii, p. 387.
Hab. Java.
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Hab. Sumatra.
- morulus* (*Syrbatus*), Reitter, Verh. Zool. bot. Ges. Wien, xxii, 1882, p. 285.
Hab. Batavia.
- nicotianus*, Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 393.
Hab. Sumatra.
- orbicollis*, Reitter, Verh. Zool. bot. Ges. Wien, xxiii, 1883, p. 399, t. 20, f. 8.
Hab. Borneo, Telang.
- pallidus*, Raffray, Rev. d'Ent., i, 1882, p. 74.
Hab. Java.
- physoderes*, Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 383.
Hab. Sumatra.
- proportionis*, Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 395.
Hab. Sumatra, Ajer Mantecior.
- pubescens*, Raffray, Rev. d'Ent., i, 1882, p. 62.
Hab. Java.
- pubifer* (*Batrisodes*), Reitter, Verh. Zool. bot. Ges. Wien, xxiii, 1883, p. 397.
Hab. Borneo, Telang.
- quaestus*, Schaufuss, Tijds. v. Ent., xx, 1887, p. 139.
semisulcatus, Motsch., Bull. Mosc., xxiv (4), 1861, p. 487.
Hab. India, Burma.
- Raffrayi* (*Batrisodes*), Reitter, Verh. Zool. bot. Ges. Wien, xxii, 1882, p. 285.
bicolor, Raffray, Rev. d'Ent., i, 1882, p. 63 (*nec* Reitter).
Hab. Java.
- Ritsemae*, Schaufuss, Tijds. v. Ent., xxv, 1882, p. 70; *id.*, Notes Leyden Mus., iv, 1882, p. 150.
Hab. Sumatra, Bencoolen.
- sarawakensis*, Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 381.
Hab. Borneo, Sarawak.
- sculpturatus*, Schaufuss, Tijds. v. Ent., xxv, 1882, p. 71; *id.*, Notes Leyden Mus., p. 151.
Hab. E. Java, Ardjoeno.
- semisulcatus*, Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 391, (*nec* Motsch.).
Hab. Java.
- septemdentatus*, Schaufuss, *l.c.* p. 376: (*Batrisodes*) Reitter, *Syn.*, p. 393.
Hab. Borneo, Sarawak.
- septemfoveolatus*, Schaufuss, Pselaph. Siam's, 1877, p. 15.
Hab. Siam.
- similis*, Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 395.
Hab. Sumatra.

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Hab. Borneo.

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Hab. India.

superbus, Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 898.

Hab. Sumatra.

tarsalis (*Batrisodes*), Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 396, t. 20, f. 6.

Hab. Borneo, Bearbei, Telang.

vestigifer (*Batrisodes*), Reitter, *l.c.*, p. 394, t. 20, f. 3.

Hab. Borneo.

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Listriophorus, Schaufuss, Nunq. Otios., ii, p. 245, 269 : Reitter, Verh. Ver. Brunn, xx, 1882, p. 189 : Sharp, Biol. Centr. Amer. Col. ii (i), p. 21.

ceylonicus, Motschulsky, Et. Ent., vii, 1858, p. 28.

Hab. Ceylon.

Genus **BERLARA.**

Reitter, Verh. Ver. Brunn., 1882, p. 189, 206 ; *id.*, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 286.

crassipalpis, Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 287, ♂ ; *id.*,

Deutsche Ent. Zeits., xxix, 1885, p. 336, t. 3, f. 21-23.

Hab. Batavia.

Genus **BATRISOSCHEMA.**

Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 399.

lateridentata, Reitter, *l.c.*, p. 400, t. 20, f. 11.

Hab. Borneo, Barabei.

Genus **BORNEANA.**

Schaufuss, Bull. Soc. Ent. Fr., (6s.) ii, 1883, p. cxl.

biformis, Schaufuss, *l.c.*, p. cxll.

Hab. Borneo, Mompawa.

Genus **BRYAXIS.**

Leach, Zool. Misc., iii, 1817, p. 85 : Aubé, Ann. Soc. Ent. Fr., (2s.) ii, 1844, p. 103 :

Lacord., Gen. Col., ii, p. 174 : Jacq. Duval, Gen. Col. Eur., i, p. 131 : Mun. Cat.,

p. 690 : Casey, Bull. Calif. Ac. Scien., ii, 1886, p. 179 : Saulcy, Soc. Hist. Nat.

Mets., 1876 : Raffray, Rev. d'Ent., i, 1882, p. 80 : Gredler, Z. Ferd., (3) 26, p. 219,

- note** : Reitter, Verh. Zool. bot. Ges. Wien, **xxxi**, 1881, p. 451, 464 ; *tab. syn., l.c.*, **xxxiii**, 1883, p. 401 : Leconte & Horn, Class Col., p. 88 : Sharp, Biol. Centr. Amer., Col., ii (i), p. 24.
- Acasmalides*, Reitter, Deutsche Ent. Zeits., **xxiv**, 1882, p. 140.
- Anthicus*, pt. Fabr., Syst. Eleuth., i, 1801, p. 288.
- Brachygluta*, Thomson, Skand. Col., i, 1859, p. 4 ; iii, p. 236 : Reitter, Verh. l.c. 1881, p. 465.
- Byraxis*, Reitter, Verh. Ver. Brünn, **xviii**, 1880, p. 16.
- Cryptorhinnis*, Schaufuss, Tijds. v. Ent., **xxx**, 1887, p. 150.
- Dicrobia*, Thomson ; *teste* Reitter.
- ? *Metaxis*, Motschulsky, Bull. Mosc., **xxiv** (4), 1851, p. 490 : Man. Cat., p. 689.
- Nisa*, Casey, Bull. Calif. Acad. Sci., ii, 1886, p. 132.
- Nisaxis*, Casey, l.c., p. 183.
- Reichenbachia*, Leach, Zool. Journ., ii, 1826 : Reitter, Verh. Zool. bot. Ges. Wien, **xxxii**, 1881, p. 464, 474 ; *ib.*, **xxxiii**, p. 401.
- Rybasis*, Saulcy, Bull. Soc. Metz., (2s.) **xvi**, 1883, p. 28 : Reitter, l.c. *supra*, p. 464, 477.
- affinisima** (*Reichenbachia*), Reitter, Verh. Zool. bot. Ges. Wien, **xxxviii**, 1888, p. 402.
- Hab. Borneo, Tameanglaiang, Pengaron.
- amica** (*Rybasis*), Reitter, l.c., p. 405.
- Hab. Borneo, Pengaron.
- amitta** (*Reichenbachia*), Reitter, l.c., p. 402.
- Hab. Borneo, Barabei.
- atomus**, Schaufuss, Berlin. Ent. Zeits., **xxxi**, 1887, p. 294.
- Hab. Sumatra.
- clara**, Schaufuss, Tijds. v. Ent., **xxx**, 1887, p. 118.
- Hab. Sumatra.
- aurita**, Schaufuss, Tijds. v. Ent., **xxx**, 1887, p. 115.
- ? var. *infuscurovata*, Schaufuss, g. v.
- Hab. Sumatra.
- cymbularia** (*Rybasis*), Reitter, Verh. Zool. bot. Ges. Wien, **xxxii**, 1882, p. 292.
- Hab. Batavia.
- expansa** (*Reichenbachia*), Reitter, l.c., p. 288 : Schaufuss, Berlin Ent. Zeits., **xxxi**, 1887, p. 291.
- Hab. Batavia.
- extuscurvata**, Schaufuss, Tijds. v. Ent., **xxx**, 1887, p. 114.
- Hab. Sumatra.
- fulva**, Motschulsky, Bull. Mosc., **xxiv** (4), 1851, p. 493 : Schaufuss, Berlin Ent. Zeits., **xxxi**, 1887, p. 292.
- Hab. India, ? Burma.
- gigantea** (*Rybasis*), Motschulsky, l.c., **xxxvi** (2), 1863, p. 422.
- Hab. Ceylon.

- Grabowskyi* (*Reichenbachia*), Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 289.
Hab. Borneo, Tumbang Hiang, Telang.
- imperatrix* (*Rybawis*), Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 363.
Hab. Borneo, Sarawak.
- inconspicua*, Schaufuss, Berlin Ent. Zeits., xxxi, 1887, p. 294.
Hab. Sumatra.
- ingrata* (*Reichenbachia*), Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 403.
Hab. Borneo.
- integrostriata* (*Reichenbachia*), Reitter, *l.c.*, p. 403, t. 20, f. 12.
Hab. Borneo, Telang.
- intuscurvata*, Schaufuss, Tijds. v. Ent., xxx, 1887, p. 115.
? var. *aurita*, Schaufuss, *l.c.*, p. 115, *q.v.*
Hab. Sumatra.
- invalida* (*Reichenbachia*), Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 288.
Hab. Borneo.
- lamellicornis* (*Reichenbachia*), Reitter, *l.c.*, p. 290.
Hab. Borneo, Tumbang Hiang.
- negligens* (*Reichenbachia*), Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 403.
Hab. Borneo, Pengaron.
- nigrocephala* (*Brachygluta*), Schaufuss, Psel. Siam's, 1877, p. 10.
Hab. Siam, Bangkok.
- nitidissima*, Raffray, Rev. d'Ent., i, 1882, p. 36.
Hab. Java.
- nubila* (*Rybawis*), Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 292.
Hab. Borneo, Tumbang Hiang.
- ornatissima*, Schaufuss, Tijds. v. Ent., xxx, 1887, p. 115.
Hab. Sumatra.
- pillicollis* (? *Metaxu*), Motschulsky, Bull. Mosc., xxxvi (2), 1863, p. 421.
Hab. Ceylon.
- pilifera*, Motschulsky, *l.c.*, xxiv (4), 1861, p. 494.
Hab. India.
- punctithorax* (*Reichenbachia*), Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 290.
Hab. Java, Batavia, Borneo, Tumbang Hiang.
- rufa*, Schmidt, Beitr. z. Mon. d. Psel., 1838, p. 6: (*Reichenbachia*), Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 287: Schaufuss, Berlin Ent. Zeits., xxxi, 1887, p. 289: Reitter, *ib.*, xxxii, p. 465; *ib.*, Bull. Soc. Ent. Fr., (6a.) iii, 1883, p. ix.
brevicornis, Motschulsky, Bull. Mosc., xxiv (4), 1861, p. 493.
? *Baummeisteri*, Schaufuss, Psel. Siam's, 1877, p. 7 ♂.
cordata, Schaufuss, *l.c.*, p. 9; *ib.*, Tijds. v. Ent., xxv, 1882, p. 69.
? *mamilia*, Schaufuss, *l.c.*, p. 9; *ib.*, Tijds. v. Ent. *l.c.*
Hab. Siam, Batavia, Ceylon, Calcutta.

- sarawakensis** (*Rybasis*), Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 364.
Hab. Borneo, Sarawak.
- Schaufussii** (*Reichenbachia*), Reitter, Verh. Zool. bot. Ges. Wien, xxii, 1882, p. 289.
Hab. Java, Batavia, Borneo, Tambang Hiang.
- sphaerica**, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 492; Reitter, Verh. Zool. bot. Ges. Wien, xxii, 1882, p. 291; *id.*, Bull. Soc. Ent. Fr., (6s.) iii, 1883, p. ix : (*Eupines*, King),
fonensis (*Eupines*), Schaufuss, Psel. Siam's, 1877, p. 10; *id.*, Tijds. v. Ent., xxv, p. 68; Berlin. Ent. Zeits., xxxi, p. 293, *teste*, Reitter, Bull. Soc. Ent. Fr., (6s.) iii, 1883, p. ix.
siamensis (*Eupines*), Schaufuss, Psel. Siam's, 1877, p. 9; *id.*, Tijds. v. Ent. xxv, p. 69.
Hab. India, Siam.
- subvalida** (*Reichenbachia*), Reitter, Verh. Zool. bot. Ges. Wien, xxiii, 1883, p. 404.
Hab. Borneo, Telang.
- sumatrensis**, Schaufuss, Tijds. v. Ent., xxx, 1887, p. 113.
Hab. Sumatra.
- telangensis** (*Reichenbachia*), Reitter, Verh. Zool. bot. Ges. Wien, xxiii, 1883, p. 402.
Hab. Borneo, Telang.

Genus **BATRAXIS.**

- Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 451, 464.
Batrismorpha Raffray, Rev. d'Ent., i, 1882, p. 38; Reitter, Deutsche Ent. Zeits., xxiv, 1881, p. 38.
- carinulata** (*Batrismorpha*), Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 365.
Hab. Penang, Java, Sumatra.
- Dorise** (*Batrismorpha*), Schaufuss, *l.c.*, 1882, p. 366.
Hab. Sumatra.
- foveicollis** (*Batrismorpha*), Raffray, Rev. d'Ent., i, 1882, p. 39.
Hab. Java.
- ursula** (*Batrismorpha*), Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 367.
Hab. Java.

Genus **COMATOPSELAPHUS.**

- Schaufuss, Ann. Mus. Civ. Gen., xviii, 1882, p. 368.
opacicollis, Schaufuss, *l.c.*, p. 369.
Hab. Borneo, Sarawak.

Genus **SATHYTES.**

- Westwood, Trans. Ent. S. Lond., 1870, p. 128; *id.*, Thes. Ent. Oxon., p. 97.
Plagiophorus, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 496; Mun. Cat. p. 695.

inermis (*Plagiophorus*), Motschulsky, *l.c. supra*, p. 496.

Hab. India.

paradoxus (*Plagiophorus*), Motschulsky, *l.c.*, p. 496.

Hab. India.

punctiger, Westwood, Trans. Ent. S. Lond., 1870, p. 128; *id.*, Thea. Ent. Oxon., 1874, p. 97, t. 4, f. 3.

Hab. Borneo.

Genus **BYTHINODERES**.

Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 407.

Grabowskyi, Reitter, *l.c.*, p. 488, t. 20, f. 14.

Hab. Borneo, Telang.

Genus **BYTHINOMORPHA**.

Schaufuss, Tijds. v. Ent., xxx, 1887, p. 109.

exsculpta, Schaufuss, *l.c.*, p. 110.

Hab. Sumatra,

Genus **BYTHINOPHANAX**.

Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 495.

biornis, Reitter, *l.c.*, p. 407, t. 20, f. 13.

Hab. Borneo, Telang.

exilis, Reitter, *l.c.*, p. 406.

Hab. Borneo, Tameanglaiang.

latebrosus, Reitter, *l.c.*, p. 406.

Hab. Borneo, Telang.

Genus **PESELAPHUS**.

Herbst, Natursyst. Ins., Käfer, iv, 1792, p. 106 : Aubé, Mon. Peel., p. 18; *id.*, Ann. Soc. Ent. Fr., (2s.) ii, 1844, p. 100 : Lacord., Gen. Col., ii, p. 169 : Jacq. Duval, Gen. Col. Eur., i, p. 180 : Mun. Cat., p. 684 : Reitter, Syn. tab., in Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 408 : Raffray, Rev. d'Ent., ii, 1883, p. 235 : Leconte & Horn, Class. Col., p. 87 : Sharp, Biol. Centr. Amer., Col., iii (1), p. 34 : Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 451, 503; *id.*, xxxiii, 1883, p. 409.

Callithorax, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 483.

Dicentrius, Reitter, Verh. Ver. Brünn, 1882, p. 192, 208.

articularis, Schaufuss, Peel. Siam's, 1877, p. 6.

Hab. Siam, Bangkok.

bifoveolatus, Schaufuss, *l.c.*, p. 6.

Hab. Siam, Batavia.

- biocellatus*, Reitter, Verh. Zool. bot. Ges. Wien, xxxlii, 1883, p. 410.
Hab. Borneo, Telang, Pengaron.
- divestitus*, Schaufuss, Berlin Ent. Zeits., xxxi, 1887, p. 295.
Hab. S. E. Borneo.
- brevicornis*, Reitter, Verh. Zool. bot. Ges. Wien, xxxliii, 1883, p. 411.
Hab. Batavia.
- calopygaeus*, Schaufuss, Berlin Ent. Zeits., xxxi, 1887, p. 294.
Hab. S. E. Borneo.
- canaliculatus*, Schaufuss, Peel Siam's, 1877, p. 5.
subtilis, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 483, pt.
Hab. Siam, Bangkok, Borneo, Sarawak.
- laevicollis*, Reitter, Verh. Zool. bot. Ges. Wien, xxxliii, 1883, p. 410, ♀.
Hab. Ceylon.
- lativentris*, Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 293.
Hab. Batavia, Borneo, Telang.
- multangulus*, Schaufuss, Peel Siam's, 1877, p. 4; *id.*, Ann. Mus. Civ. Gen., xviii,
p. 355.
subtilis, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 483, pt.
Hab. Siam, Bangkok, Sumatra, Celebes, Macassar.
- parvipalpis*, Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 294.
Hab. Batavia, Borneo, Telang.
- pilicollis*, Reitter, *l.c.*, p. 293.
Hab. Batavia.
- pilipalpis*, Reitter, Notes, Leyden Mus., v, 1883, p. 9.
Hab. Sumatra.
- sexstriatus*, Reitter, Verh. Zool. bot. Ges. Wien, xxxliii, 1883, p. 411.
Hab. Borneo, Tameanglaiang.
- trossulus*, Schaufuss, Tijds. v. Ent., xxix, 1886, p. 247.
Hab. Sumatra.
- unipunctatus*, Reitter, Verh. Zool. bot. Ges. Wien, xxxliii, 1883, p. 410.
Hab. Borneo, Pengaron.

Genus **TYRAPHUS.**

- Sharp, Trans. Ent. S. Lond., 1874, p. 489.
- semiopacus* (*Tychus*), Schaufuss, Peel Siam's, 1877, p. 3.
Hab. Siam, Bangkok.

Genus **CURCULIONELLUS.**

- Westwood, Trans. Ent. S. Lond., 1870, p. 127; *id.*, Thes. Ent. Oxon., 1874, p. 98:
Reitter, Bull. Soc. Ent. Fr., (6a.) iii, p. lxxvi; Raffray, Rev. d'Ent., ii, p. 236.
- ragithorax*, Reitter, Verh., Zool. bot. Ges. Wien, xxxii, 1882, p. 294.
Hab. Batavia.

Genus **TYCHUS.**

Leach, Zool. Misc., iii, 1817, p. 84 : Lacord., Gen. Col., ii, p. 170 : Jacq. Duval, Gen. Col. Eur., i, p. 132 : Mun. Cat., p. 685 : Leconte & Horn, Class. Col., p. 87 : Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 451, 509.

dilatatus, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 496.
Hab. India.

quadrioveolatus, Motschulsky, *l.c.*, p. 495 : Schaufuss, Bull. Soc. Ent. Fr., (6a.) ii, 1882, p. cxiii.
Hab. India, Burma.

testaceus, Schaufuss, Pselaph. Siam's, 1877, p. 4.
Hab. Siam, Bangkok.

Genus **ATYCHODEA.**

Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 412.

lenticornis, Reitter, *l.c.*, p. 414, t. 20, f. 19, 20.
Hab. Borneo, Telang, Tameanglaiang.

Raffrayi, Reitter, *l.c.*, p. 414, t. 20, f. 23.
Hab. Borneo, Telang.

Simoniana, Reitter, *l.c.*, p. 413, t. 20, f. 21, 22.
Hab. Borneo, Telang.

singularis, Reitter, *l.c.*, p. 414, t. 20, f. 24 : Schaufuss, Berlin Ent. Zeits., xxxi, 1887, p. 297.
Hab. Borneo, Tameanglaiang.

Genus **FILIGER.**

Schaufuss, Pselaph. Siam's, 1877, p. 17 ; *id.*, Nunq. Otios., ii, 1877, p. 246, 454 : Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 415.

ampliventris, Schaufuss, Pselaph. Siam's, 1877, p. 17.
Hab. Siam, Bangkok.

cariniventris, Schaufuss, *l.c.*, p. 17.
Hab. Siam.

conicicollis, Schaufuss, *l.c.*, p. 17.
Hab. Siam, Bangkok.

primus, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 415, t. 20, f. 18.
Hab. Borneo, Telang.

Genus **APHARINA.**

Reitter, Verh. Natur. Ver. Brünn, xx, 1882, p. 194 ; *id.*, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 295 ; *ib.* xxxiii, p. 414.

fuscipennis, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 415, t. 20, f. 15.
Hab. Borneo, Telang.

Simonis, Reitter, *l.c.*, xxii, 1882, p. 296.

Hab. Batavia.

squamiceps (*Panaphantus*), Schaufuss, Notes Leyden Mus., iv, 1882, p. 146; *id.*
Tijds. v. Ent., xxv, 1882, p. 66.

Hab. Java.

Genus **MESTOGASTER.**

Schmidt, Beitr. z. Mon. Psel., 1838, p. 9 : Reitter, Wien Ent. Zeit., i, p. 170; *id.*,
Bull. Soc. Ent. Fr., (6s.) iii, 1883, p. x.

? *Metaxoides*, Schaufuss, Pselaph. Siam's, 1877, p. 13; *id.*, Nunq. Otios., ii,
p. 453; Ann. Soc. Ent. Fr., (6s.) ii, 1882, p. 108, 117; *ib.*, Bull.,
p. cxvii.

bruchiformis (*Metaxoides*), Schaufuss, Pselaph. Siam's, 1877, p. 13.

Hab. Siam, Bangkok.

crassicornis, Schmidt, Beitr. z. Mon. Psel., 1838, p. 9, t. 2, f. 8.

Hab. India.

nitidicollis Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 296.

Hab. Batavia.

Genus **HYBOCEPHALUS.**

Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 482 : Mun. Cat., p. 693 : Schaufuss,
Nunq. Otios., ii, p. 246; *id.*, Ann. Mus. Civ. Gen., 1883, p. 353 : Reitter, Verh.
Zool. bot. Ges. Wien, xxxiii, 1883, p. 416.

dentiventris, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 416.

Hab. Borneo; Telang.

informis, Reitter, *l.c.*, p. 417, t. 20, f. 17.

Hab. Borneo, Telang.

minimus, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 482 : Schauf., Ann. Mus. Civ.
Gen., xviii, p. 354 : Reitter, *l.c. supra*, p. 416.

Hab. India, Celebes, Macassar.

squamosus, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 482 : Schauf., *l.c. supra*, p.
355 : Reitter, *l.c. supra*, p. 416.

Hab. India, Burma.

telangensis, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 417, t. 20, f. 16.

Hab. Borneo, Telang, Tameanglaiang.

Genus **IMTEMPUS.**

Reitter, Verh. Naturf. Ver. Brünn, xx, 1882, p. 195, 209.

punctatissimus, Reitter, Deutsche Ent. Zeits., xxix, 1885, p. 337, t. 3, f. 27.

Hab. Philippines, Manilla.

Genus **MECHANICUS.**

Schaufuss, Tijds. v. Ent., xxx, 1887, p. 158.

chlamydophorus, Schaufuss, *l.c.*, p. 158.

Hab. Sumatra.

Genus **PTHARTOMICRUS.**

Schaufuss, Tijds. v. Ent., xxx, 1887, p. 156.

externus, Schaufuss, *l.c.*, p. 156.

Hab. Sumatra.

Genus **ZETHOPSUS.**

Reitter, *Syn. tab.*, Verh. Zool. bot. Ges. Wien, xxxiii, 1888, p. 418: Raffray, Rev. d'Ent., vi, p. 50.

Zethus, Schaufuss, Nunq. Otios., ii, 1872, p. 294; *id.*, Psel. Siam's, 1877, p. 11 (*nom. præsoc.*).

batavianus, Schaufuss Tijds. v. Ent., xxv, 1882, p. 67; *id.*, Notes Leyden Mus., iv, p. 147: Reitter, *Syn.*, p. 419.

Hab. Batavia.

Dohrni, Raffray, Rev. d'Ent., ii, 1883, p. 248, t. 5. f. 24, 25.

Hab. Burma.

nitidulus, Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 382; *Syn.*, p. 419.

Hab. Ceylon.

opacus, Schaufuss, Psel. Siam's, 1877, p. 12: Reitter, *Syn.*, p. 418.

Hab. Siam.

sculptifrons, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 419.

Hab. Batavia.

simplicifrons, Reitter, *l.c.*, p. 419.

Hab. Borneo.

Westwoodii, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 500: Schaufuss, Bull. Soc. Ent. Fr., (6s.) ii, 1882, p. cxiii: Reitter, *Syn.*, p. 419.

Hab. India, Burma.

Genus **NEODEUTERUS.**

Schaufuss, Tijds. v. Ent., xxx, 1887, p. 151.

admirandus, Schaufuss, *l.c.*, p. 152.

Hab. Sumatra.

alter, Schaufuss, *l.c.*, p. 153.

Hab. Sumatra.

Genus **PYXIDICERUS.**

Motschulsky, Bull. Mosc., xxxvi (2), 1863, p. 422: Mun. Cat., p. 697: Schaufuss, Tijds. v. Ent., xxx, 1887, p. 93.

amoenus, Schaufuss, Tijds. v. Ent., xxx, 1887, p. 94, 95, 99.

Hab. Sumatra.

castaneus, Motschulsky, Bull. Mosc., xxxvi (2), 1863, p. 423, t. 9, f. 16 : Schaufuss, *l.c. supra*, p. 24.

Hab. Ceylon.

cordiger, Schaufuss, Tijds. v. Ent., xxx, 1887, p. 94, 95, 99.

Hab. Sumatra.

Rajah, Schaufuss, *l.c.*, p. 93, 94, 96.

Hab. Sumatra.

triphthalmus, Schaufuss, *l.c.*, p. 94, 95, 96.

Hab. Sumatra.

tythus, Schaufuss, *l.c.*, p. 94, 95, 97.

Hab. Sumatra.

venustus, Schaufuss, *l.c.*, p. 94, 95, 98.

Hab. Sumatra.

Genus **APHILIA.**

Reitter, Verh. Naturf. Ver. Brünn, xx, 1881, p. 196 ; *id.*, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 297.

femorata, Reitter, Verh. Zool. bot., Ges. Wien, xxxii, 1882, p. 297.

Hab. Borneo, Tumbang Hiang.

Genus **OCTOMICRUS.**

Schaufuss, Nunq. Ot., ii, 1877, p. 452 ; Psel. Siam's, p. 14.

interruptus, Schaufuss, Tijds. v. Ent., xxix, 1886, p. 275.

Hab. Sumatra.

longulus, Schaufuss, Pselaph. Siam's, 1877, p. 174.

Hab. Siam, Bangkok.

verticalis, Schaufuss, Tijds. v. Ent., xxix, 1886, p. 275.

Hab. Sumatra.

Genus **EUPLECTOMORPHUS.**

Motschulsky, Bull. Mosc., xxxvi (2), 1863, p. 424 : Mun. Cat., p. 698 : Schaufuss, Tijds. v. Ent., xxix, 1886, p. 282.

elegans, Schaufuss, Tijds. v. Ent., xxx, p. 159.

Hab. Sumatra.

pygmaeus, Motschulsky, Bull. Mosc., xxxvi (2), 1863, p. 424, t. 9, f. 17.

Hab. Ceylon.

testis, Schaufuss, Tijds. v. Ent., xxix, 1886, p. 281.

Hab. Ceylon.

Genus **EUPLECTUS.**

Leach, Zool. Misc., iii, 1817, p. 80 : Aubé, *Rev. Psel.*, Ann. Soc. Ent. Fr., (2a.) ii, 1844, p. 140 : Lacord., Gen. Col., ii, p. 177 : Jacq. Duval, Gen. Col. Eur., i, p. 135 : Mun. Cat., p. 695 : Raffray, *Rev. d'Ent.*, ii, 1883, p. 229 : Broun, New Zeal. Jl. Sci., ii, 1884, p. 238 : Leconte & Horn, Class. Col., p. 88 : Sharp, Biol. Centr. Amer., Col., ii (1), p. 36 : Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 452, 521.

Bibleplectus, Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 529.

Bidloporus, Thomson, Skand. Col., i, 1859, p. 53; iii, p. 225: Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 452, 530.

Pseudoplectus, Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 452, 531.

acuminatus, Schaufuss, Tijds. v. Ent., xxv, 1882, p. 69; Notes Leyden Mus., iv, p. 149.

Hab. Batavia.

brachynurus, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 500.

Hab. India.

breviusculus, Motschulsky, *l.c.*, p. 500.

Hab. India.

denticollis (*Euplectops*), Schaufuss, Tijds. v. Ent., xxx, 1887, p. 155.

Hab. Sumatra.

divergens, Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 420, t. 20, f. 25.

Hab. Borneo, Telang.

fuscipennis (*Pseudoplectus*), Reitter, *l.c.*, xxxii, 1882, p. 297.

Hab. Borneo.

hipposideros, Schaufuss, Pselaph. Siam's, 1877, p. 12.

Hab. Siam,

indicus, Schmidt, Beitr. z. Mon. Psel., 1838, p. 10, t. 2, f. 6.

Hab. India.

infuscatus, Motschulsky, Bull. Mosc., xxiv (4), 1851, p. 500.

Hab. India.

metallicus, Schmidt, Beitr. z. Mon. Psel., 1838, p. 11, t. 2, f. 7.

Hab. Calcutta.

pumilio (*Bibleplectus*), Reitter, Verh. Zool. bot. Ges. Wien, xxxii, 1882, p. 298.

Hab. Batavia.

solakyl, Schaufuss, Pselaph. Siam's, 1877, p. 13.

Hab. Siam.

Genus **TRICHONYX.**

Chaudoir, Bull. Mosc., xviii (3), 1845, p. 164: Lacord., Gen. Col., ii, p. 172: Jacq. Duval, Gen. Col. Eur., i, p. 134: Mun. Cat., p. 686: Leconte & Horn, Class. Col. p. 88; Sharp, Biol. Centr. Amer., Col., ii (i), p. 40: Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 452, 520.

Amauronyx, Reitter, Verh. Zool. bot. Ges. Wien, xxxi, 1881, p. 452, 519.

aliformis, Raffray, Rev. d'Ent., i, 1882, p. 79.

Hab. Java.

Species incertæ sedis.

atomus (*Bythinus*), Schaufuss, Tijds. v. Ent., xxv, 1882, p. 65; *id.*, Notes Leyden Mus. iv, 1882, p. 145: Reitter, Verh. Zool. bot. Ges. Wien, xxxiii, 1883, p. 408.

Hab. Java, Batavia.

Family **STAPHYLINIDÆ.**

Catalogue of the Insecta of the Oriental Region, No. 12. Order, Coleoptera,
Family STAPHYLINIDÆ—By E. T. ATKINSON, B. A.

The *Staphylinidæ* are very numerous in the Oriental Region, though little attention has been paid to them in India proper. They are usually of a small size, with short elytra, and an entirely corneous abdomen, for the most part exposed. They are divided into two sub-families, *Staphylininæ* and *Micropeplinæ*, of which the first is represented in our Fauna. Messrs. Leconte & Horn, following Jacquelin Duval and Fauvel, distribute the sub-family *Staphylininæ* into the following tribes:—

| | |
|---|--------------------------|
| Antennæ inserted upon the frons. | 2 |
| Antennæ inserted at the anterior margin of the head. | 3 |
| Antennæ inserted under the sides of the frons. | 4 |
| 2. Prothoracic spiracles visible, front coxæ large; antennæ not abruptly clavate; fourth joint of maxillary palpi distinct. | I. <i>Alcocharini.</i> |
| Prothoracic spiracles not visible, front coxæ small, antennæ slender, distinctly clavate, fourth joint of maxillary palpi obsolete. | III. <i>Stenini.</i> |
| 3. Antennæ filiform or gradually thickened, fourth joint of maxillary palpi distinct. | II. <i>Staphylinini.</i> |
| 4. Front coxæ conical, prominent; | 5 |
| Front coxæ transverse | ix <i>Protinini.</i> |
| Front coxæ globose | x <i>Piestini.</i> |
| 5. No ocelli. | 6. |
| Ocelli two, situated at or behind the vertex. | viii <i>Homalinini.</i> |
| 6. Hind coxæ transverse; | 7. |
| Hind coxæ conical. | iv <i>Paederini.</i> |
| 7. Seventh abdominal segment retractile | 8. |
| Seventh abdominal segment exposed | vii <i>Oxytelini.</i> |
| 8. Prothoracic spiracles visible: epipleuræ well defined | v. <i>Tachyporini.</i> |
| Prothoracic spiracles concealed: epipleuræ ill defined. | vi <i>Phlaeocharini.</i> |

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ALEOCHARINI :—(*Aléocharides*), Lacord., Gen. Col., ii, 1854, p. 26: Jacq. Duval, Gen. Col. Eur., ii, p. 2: Mun. Cat., p. 502: Muls. & Rey, Hist. Nat. Col. France, *Aleochar.*, 1871: Fauvel, Ann. Mus. Civ. Gen., xii, p. 287: Leconte & Horn, Class. Col., p. 90: Sharp, Biol. Centr. Amer., Col., i (2), 1883, p. 145.

Genus AUTALIA.

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angustata, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 261.

Hab. India.

riparia, Motschulsky, Et. Ent., 1859, p. 93.

Hab. Ceylon.

Genus FALAGRIA.

Mannerheim, Brachél., 1830, p. 86 : Erichson, Gen. Staph., p. 48 : Boisd. & Lacord., Faune Ent. Paris, i, 1835, p. 555 : Lacord., Gen. Col., ii, p. 28 : Kraatz, Naturg. Ins., ii, p. 32 : Jacq. Duval, Gen. Col. Eur., ii, p. 4, t. 1, f. 3 : Mun. Cat., p. 502 : Leconte, Proc. Ac. Sci. : Philad., 1866, p. 372 : Fauvel, Ann. Mus. Civ. Gen., x, p. 295 ; *id.*, *ib.*, xii, p. 309 : Sharp, Trans. Ent. S. Lond., 1876, p. 41 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 232 : Leconte & Horn, Class. Col., p. 91.

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Stilicoides, Broun, New Zealand Col., 1880, p. 93.

dimidiata, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 93.

flavocincta, Kraatz, Wieg. Arch., xxv (i), 1859, p. 4.

Hab. India, Ceylon.

gracilis, Motschulsky, xxxi (3), 1858, p. 260.

Hab. India.

longicornis, Kraatz, Wieg. Arch., xxv, (i), 1859, p. 6.

Hab. Ceylon.

obscura, Gravenhorst, Microp. Brunsw., 1802, p. 74 : Kraatz, Nat. Ins. Deutsch., ii, p. 35 ; *id.*, Wieg. Arch., xxv (ii), p. 5 : Jacq. Duval, Gen. Col., Eur., ii, p. 4, t. 1, f. 4.

flavipes, Stephens, Ill. Brit. Ent., v, 1832, p. 105.

floralis, Stephens, *l.c.*, p. 105.

nitens, Stephens, *l.c.*, p. 105.

Hab. Britain, France, Europe, India.

parva, Kraatz, Wieg. Arch., xxv (i), 1859, p. 6.

Hab. Ceylon.

pygmaea, Kraatz, *l.c.*, p. 7.

Hab. Ceylon.

subrugosa, Kraatz, *l.c.*, p. 5.

Hab. Ceylon.

veluticollis, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 261.

opacicollis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 4.

Hab. India, Ceylon.

vestita, Boheman, Freg. Eug. Resa, Col., 1858, p. 25.

Hab. China.

villia, Kraatz, Wieg. Arch., xxv (i), 1859, p. 5.

Hab. India.

Genus **BOLITOCCHARA.**

Mannerheim, Brachél., 1830, p. 75 : Erichson, Gen. Staph., p. 57 : Lacord., Gen. Col., ii, p. 30 : Mun. Cat., p. 504 : Kraatz, Naturg. Ins., ii, p. 36 : Jacq. Duval, Gen. Col., ii, p. 8, t. 1, f. 5 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 306 : Leconte & Horn, Class. Col., p. 93.

amabilis, Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 154.
Hab. Ceylon.

testacea, Kraatz, Wieg. Arch., xxv (i), 1859, p. 7.
Hab. Ceylon.

Genus **ECCOPTOGENIA.**

Kraatz, Wieg. Arch., xxv (i), 1859, p. 8 : Mun. Cat., p. 505.

rufa, Kraatz, *l.c.*, p. 9, t. 1, f. 1 *a.-c.*
Hab. Ceylon.

Genus **HOPLANDRIA.**

Kraatz, Linn. Ent., xi, 1857, p. 4, t. 1, f. 6, t. 2, f. 14 : Mun. Cat., p. 505 : Leconte & Horn, Class. Col., p. 91 : Sharp, Biol. Centr. Amer., Col., i (2), p. 219.

fuscipennis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 9.
Hab. Ceylon.

Genus **PELIUSA.**

Erichson, Gen. Staph., 1840, p. 192 : Lacord., Gen. Col., ii, p. 44 : Mun. Cat., p. 506.

pallescens, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 226.
Hab. Indía.

Genus **SCHISTOGENIA.**

Kraatz, Linn. Ent., xi, 1857, p. 39 : Mun. Cat., p. 506.

orenicollis, Kraatz, *l.c. supra*, p. 40 ; *id.*, Wieg. Arch., xxv (i), 1859, p. 13, t. 1, f. 5 *a.-b.*
Hab. Ceylon.

Genus **SILUSA.**

Erichson, Käfer Mark Brand., i, 1837, p. 377 ; *id.*, Gen. Staph., p. 205 : Kraatz, Naturg. Ins. Deutschl., ii, p. 44 : Lacord., Gen. Col., ii, p. 45 : Kraatz, Naturg. Ins., ii, p. 44 ; Jacq. Duval, Gen. Col., ii, p. 5, t. 5, f. 21 : Mun. Cat., p. 507 : Sharp, Biol. Centr. Amer., Col., i (2), p. 274 : Leconte & Horn, Class. Col., p. 93.

Stenusa, Kraatz, Naturg. Ins. Deutschl., ii, 1856, p. 47 ; *id.*, Berlin Ent. Zeits., 1866, p. 339 : Mun. Cat., p. 507 : Leconte & Horn, Class. Col., p. 93.

ceylonica (*Stenusa*), Kraatz, Linn. Ent., xi, 1857, p. 8 ; *id.*, Wieg. Arch., xxv (i), p. 10.
Hab. Ceylon.

Genus **OCALEA.**

- Erichson, Käfer Mark Brandenb., i, 1837, p. 298 ; *id.*, Gen. Staphyl., p. 60 : Lacord., Gen. Col., ii, p. 38 : Kraatz, Naturg. Ina, ii, p. 49 : Jacq. Duval, Gen. Col., ii, p. 15, t. 2, f. 8 : Mun. Cat., p. 507 : Leconte & Horn, Class. Col., p. 92 : Sharp, Biol. Centr. Amer., Col., i (2), p. 169.
Rheochara, Muls. & Rey, Ann. Soc. Linn. Lyon, (n. s.) xxi, 1874, p. 1.
indica, Kraatz, Wieg. Arch., xxv (i), 1859, p. 12.
 Hab. India.

Genus **LEPTUSA.**

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Ousipalia, Gozis, Recherche, 1886, p. 13.
Pachygluta, Thomson, Skand. Col., i, 1859, p. 32 ; ii, p. 276..
Pasilia, Muls. & Rey, Ann. Soc. Linn. Lyon, (n. s.), xix, 1872, p. 316.
Pisalia, Muls. & Rey, l. c., p. 325.
Sipalia, Muls. & Rey, l. c., 1853, 32, t. 2, f. 1, 2 : Thomson, Skand. Col., i, 1859, p. 4, iii, p. 105..
annuliventris, Kraatz, Wieg. Archiv., xxv (i), 1859, p. 12.
 Hab. India.
varicornis, Kraatz, l. c., p. 13.
 Hab. Ceylon.

Genus **COENONICA.**

- Kraatz, Linn. Ent., xi, 1857, p. 45 : Mun. Cat., p. 510.
puncticollis, Kraatz, l. c., p. 46 : *id.*, Wieg. Arch., xxv (i), 1859, p. 10, t. 1, f. 3 : Fauvel, Ann. Mus. Civ. Gen., xv, p. 112.
indica (Phloeopora), Motschulsky, Bull. Mosc., xxxi (3) 1858, p. 258.
 Hab. India, Ceylon.

Genus **LINOGLOSSA.**

- Kraatz, Wieg. Arch., xxv (i), 1859, p. 10 : Mun. Cat., p. 510.
bifoveolata, Kraatz, l. c., p. 11, t. 1, f. 2.
 Hab. India.

Genus **ALEOCHARA.**

- Gravenhorst, Col. Micr., 1802, p. 67 : Mannerheim, Brachél., p. 66 : Erichson, Gen. Staph., p. 158 : Lacord., Gen. Col., ii, p. 40 : Kraatz, Naturg. Ina, ii, p. 82 : Jacq. Duval, Gen. Col., ii, p. 12, t. 3, f. 14 : Mun. Cat., p. 512 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 305 : Leconte & Horn, Class. Col., p. 92.
Baryodma, Thomson, Skand. Col., i, 1859, p. 30 ; ii, p. 249.
Ceranota, Stephens, Ill. Brit. Ent., v, 1832, p. 161.
Copiata, Gozis, Recherche, 1886, p. 12.
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- Hoplnotus*, Schmidt Goebel, Stettin Ent. Zeit., 1846, p. 245.
Mecorhopalus, Solier, Gay's Hist. Fis. Chili, Zool, 1851, p. 350.
Polychara, Muls & Rey, *l. c. supra*, p. 348.
Polistoma, Stephens, Man. Brit. Col., 1839, p. 354 : Gozis, Réch., 1886, p. 12.
Xenochara, Muls. & Rey, *l. c. supra*, p. 344.
- asiatica*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 15 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 306 : Sharp, Ann. Mag. N. H., ii, 1888, p. 281.
japonica, Sharp, Trans. Ent. S. Lond., 1874, p. 8.
 Hab. India, Ceylon, Hongkong, Japan, Celebes, Aru Isles.
- badia*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 237.
 Hab. India.
- brunneiventris*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 14.
 Hab. India.
- castanea*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 239.
 Hab. India.
- crocetipennis*, Motschulsky, *l. c.*, p. 238.
maculipennis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 17.
sanguinipennis, Kraatz, *l. c.*, p. 17.
 Hab. India, Ceylon, Celebes, Australia.
- denticulata*, Motschulsky, *l. c. supra*, p. 238.
 Hab. India.
- haematopyga*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 15.
 Hab. Ceylon.
- hindustana*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 237.
 Hab. India.
- minutissima*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 19.
 Hab. Ceylon.
- mutata*, Gemm. & Har. Mun. Cat., 1868, p. 514.
tenuicornis, Motsch., Bull. Mosc., xxv (3), 1858, p. 240 (*neo* Kraatz).
 Hab. India.
- nigra*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 13 (*neo* Steierm.).
 Hab. Ceylon.
- postica*, Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 205.
 Hab. Ceylon.
- puberula*, Klug, Ins. Madagasc., Col., 1833, p. 51 : Erichson, Gen. Staphyl., 1839, p. 165 : Wollaston, Cat. Mad. Col., 1857, p. 180 ; *id.*, Canar. Col., 1864, p. 551 : Kraatz, Wieg. Archiv., xxv (i), 1859, p. 16 : Rey, Brévip., 1874, p. 60 : Fauvel, Ann. Mus. Civ. Gen., x, 1877, p. 292.
Armitagei, Wollaston, Ins. Mader., Col., 1854, p. 559.
decorata, Aubé, Ann. Soc. Ent. Fr., (2s.) viii, 1850, p. 311.
dubia, Fauvel, *l. c.*, (3s.) iii, 1863, p. 428.
vaga, Erichson, Gen. Staphyl., 1839, p. 172.
 Hab. W. Indies, N. America, Europe, Africa, Japan, China, Ceylon, Burma, Java, Sumatra, New Caledonia, Australia.

punctiventris, Kraatz, Wieg. Archiv., xxv (i), 1859, p. 19.

Hab. Ceylon.

rutilipennis, Kraatz, *l. c.*, *supra*, p. 17.

Hab. Ceylon.

subjecta, Walker, Ann. Mag. N. H., (3s.), 1859, p. 52.

Hab. Ceylon.

translata, Walker, *l. c. supra*, p. 52.

Hab. Ceylon.

trivialis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 18.

Hab. Ceylon.

tuberiventris, Kraatz, *l. c. supra*, p. 14.

Hab. India.

Genus **DINARDA.**

Mannerheim, Brachél., 1830, p. 65 : Boisd. & Lacord., Faune Ent. Paris, i, p. 524 :
Lacord., Gen. Col., ii, p. 41 : Jacq. Duval, Gen. Col., ii, p. 10, t. 4, f. 17 : Mun.
Cat., p. 517.

serricornis, Walker, Ann. Mag. N. H., (3s) iii, 1859, p. 52.

Hab. Ceylon.

Genus **PORUS.**

Hope, Royle's Himalaya, 1839, p. 54 : Kraatz, Linn. Ent., xi, 1857, p. 21 : Mun.
Cat., p. 518 : Fauvel, Rev. d'Ent., viii, 1889, p. 285.

Myrmedonia, pt, Lacordaire, Gen. Col., ii, 1854, p. 285.

ochraceus, Hope, *l. c. supra*, p. 55, t. 9, f. 10 : Erichson, Gen. Staph., p. 43 : Kraatz,
Linn. Ent., xi, 1857, p. 21, t. 1. f. 19 ; *id.*, Wieg. Archiv., xxv (i), p. 20.

ferrugineus, Kraatz, Linn. Ent., 1857, p. 22. E. Soudan, Abyssinia.

Hab. Africa, India, Nepal, Assam, Moradabad (N. W. P.).

Genus **TERMIDONIA.**

Motschulsky, Et. Ent., viii, 1859 (*ined.*) : Mun. Cat., p. 519.

laminata, Motschulsky, *l. c.*, p. 87.

Hab. Ceylon.

Genus **ACANTHOGLOSSA.**

Motschulsky, Et. Ent., viii, 1859, p. 89 (*nec. Kraatz (1858), Mun. Cat., p. 623=*
Stilicopsis, Sachse).

Glossacantha, Gemm. & Har., Mun., Cat., 1868, p. 519.

badia, Motschulsky, Etud. Ent., viii, 1859, p. 89.

Hab. Ceylon.

humerosa, Motschulsky, *l. c.*, p. 90.

Hab. Ceylon.

Genus **MYRMEDONIA.**

Erichson, Käfer Mark Brand., i, 1837, p. 286; *id.*, Gen. Staph., p. 85 : Lacord., pt. Gen. Col., ii, p. 29 : Kraatz, Naturg. Ins., ii, p. 118 : Jacq. Duval, Gen. Col. Eur., ii, 1857 : p. 9, t. l. f. 1-2 : Kraatz, Wieg. Arch., xxv (i), p. 20 : Mun. Cat., p. 519 : Sharp, Trans. Ent. S. Lond., 1876, p. 52 : *id.*, Biol. Centr. Amer., Col., i(2), p. 198 : Leconte & Horn, Class. Col., p. 92.

? *Drusilla* (Leach), Boisd. & Lacord., Faune Ent. Paris., i, 1835, p. 534.

Myrmelia, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vi, 1873, p. 86 ; *id.*, Ann. Soc. Linn. Lyon, xx, 1873-4, p. 6.

Myrmococia, Muls. & Rey, Ann. Soc. Agric. Lyon, 1873, p. 130.

Polla, Stephens, Ill. Brit. Ent. v, 1832, p. 434 : Gozis, Réch., 1886, p. 12.

Zyras, Stephens, *l.c.*, p. 430 : Man. Brit. Col., p. 350.

affinis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 23.

Hab. Ceylon.

clavicornis, Kraatz, *l.c.*, p. 24, t. l. f. 7.

Hab. Ceylon.

excisa, Kraatz, Linn. Ent., xi, 1857, p. 50; *id.*, Wieg. Arch., xxv (i), p. 50.

Hab. Ceylon, Negambo.

gemina, Kraatz, Wieg. Arch., xxv (i), 1859, p. 27.

Hab. Ceylon.

hirta, Kraatz, *l.c.*, p. 25, t. l. f. 8.

Hab. Ceylon.

hoplomota, Kraatz, Linn. Ent., xi, 1857, p. 49; *id.*, Wieg. Arch., *l.c.*, p. 22.

Hab. Ceylon, Colombo.

impressicollis, Kraatz, Linn. Ent., 1857, p. 53; *id.*, Wieg. Arch., *l.c.*, p. 27.

Hab. Ceylon, Colombo.

isevigata, Kraatz, Wieg. Arch., xxv (i), 1859, p. 26, t. l. f. 9.

Hab. India.

lineatocollis, Kraatz, *l.c.* p. 26.

Hab. India.

Nietnerii, Kraatz, Linn. Ent., 1857, p. 52; *id.*, Wieg. Arch., *l.c. supra*, p. 26.

Hab. Ceylon, Negambo.

nigrescens (*Astilbus*), Motschulsky, Bull. Mosc., xxxi (8), 1858, p. 262.

Hab. India.

nigriceps, Kraatz, Wieg. Arch., xxv (i), 1859, p. 22.

Hab. India.

obscura, Fabr., Syst. El. ii, 1801, p. 595 : Erichson, Gen., p. 41.

var. *tricuspidata*, Kraatz, Linn., xi, 1857, p. 49; Wieg. Arch., xxv (i), p. 22.

Hab. India, Ceylon, Colombo.

planaticollis, Kraatz, Linn. Ent., xi, 1857, p. 51; *id.*, Wieg. Arch., *l.c. supra*, p. 25.

Hab. Ceylon, Negambo.

procera, Kraatz, Wieg. Arch., xxv (i), 1859, p. 20.

Hab. Ceylon.

- punctatissima**, Kraatz, Linn. Ent., 1857, p. 52; *id.*, Wieg. Arch., *l.c. supra* p. 25.
Hab. Ceylon, Negambo.
- rubricollis**, Kraatz, Linn. Ent., 1857, p. 51; *id.*, Wieg. Arch., xxv (i), p. 23.
Hab. Ceylon, Negambo.
- serraticornis**, Kraatz, Linn. Ent., 1857, p. 48; Wieg. Arch., xxv (i), 1859, p. 20.
Hab. Ceylon.
- sordida**, Kraatz, Wieg. Arch. *l.c.* p. 23.
Hab. Ceylon.
- termiticola**, Gestro, Ann. Mus. Civ. Gen., (2s.) vi, 1888, p. 110.
Hab. Burma.

Genus **TETRASTICTA.**

- Kraatz, Linn. Ent., xi, 1857, p. 4: Mun. Cat., p. 522.
- polita**, Kraatz, *l.c.*, p. 55; Wieg. Arch., xxv (i), 1859, p. 19, t. 1, f. 6 *a-b*.
Hab. Ceylon.

Genus **PELIOPTERA.**

- Kraatz, Linn. Ent., 1857, p. 55: Mun. Cat., p. 522.
- Termitopora** Motschulsky, Et. Ent., viii, 1859, p. 91: Mun. Cat., p. 546.
- adustipennis** (*Termitopora*), Motschulsky, Etud. Ent., viii, 1859, p. 93, t. 1, f. 7.
Hab. Ceylon.
- micans**, Kraatz, Linn. Ent., 1857, p. 56; *id.*, Wieg. Arch., xxv (i), 1859, p. 42,
t. 1, f. 4 *a-b*.
Hab. Ceylon.
- opaca**, Kraatz, *l.c.*, p. 56; *id.*, Wieg. Arch., *l.c.*, p. 42.
Hab. Ceylon.

Genus **OXYPODA.**

- Mannerheim, Brachél., 1830, p. 69: Erichson, Gen. Staphyl., p. 141: Kraatz, Naturg. Ins., ii, p. 158: Lacord., Gen. Col., ii, p. 35: Jacq. Duval, Gen. Col., ii, p. 13, t. 3, f. 15: Mun. Cat., p. 526: Sharp, Trans. Ent. S. Lond., 1876, p. 68: Leconte & Horn, Class. Col., p. 92.
- Acrostiba**, Thomson, Skand. Col., i, 1859, p. 36; iii, p. 11.
- Bessopora**, Thomson, *l.c.*, i, p. 38; iii, p. 42.
- Bæoglæna**, Thomson, *l.c.*, ix, 1867, p. 248.
- Crataraca**, pt., Thomson, *l.c.*, i, 1859, p. 33; ii, p. 282.
- Demosoma**, Thomson, *l.c.*, i, p. 37; iii, p. 32.
- Disochara**, Thomson, *l.c.*, i, p. 37; iii, p. 28.
- Mycetodrepa**, Thomson, *l.c.*, i, p. 37; iii, p. 28.
- Myrmecookhara**, Kraatz, Linn. Ent., xi, 1857, p. 40.
- Podowya**, Muls. & Rey, Ann. Soc. Linn. Lyon, (n.s.) xxi, 1874, p. 152.
- Pycnaraca**, Thomson, Skand. Col., i, 1859, p. 37; iii, p. 28.
- Sphenoma**, Mannerheim, Brachél., 1830, p. 68.
- Tachyusida**, Muls. & Rey, Ann. Soc. Linn. Lyon, (n. s.) xix, 1872, p. 273.
- Triboptera**, Thomson, Skand. Col., i, 1859, p. 37; iii, p. 20.

- atriceps*, Gemm. & Har., Mun. Cat. 1868, p. 526.
atriopilla, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 244, (*neo* Mäklin).
 Hab. India.
- brunnescens*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 248.
 Hab. India.
- lineola*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 27.
 Hab. Ceylon.
- nigricauda*, Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 153.
 Hab. Ceylon.
- palleola*, Motschulsky, l.c., xxxi (3), 1858, p. 245.
 Hab. India.
- plagiata*, Motschulsky, l.c. p. 242:
 Hab. India.
- vilis*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 28.
 Hab. India.

Genus **HOMALOTA.**

- Mannerheim, Brachél., 1830, p. 73 : Erichson, Gen. Staph., p. 80 : Lacord., Gen. Col., ii, p. 32 : Kraatz, Naturg. Ins, ii, p. 192 : Jacq. Duval, Gen. Col., ii, p. 6, t., 3, f. 12 : Mun. Cat., p. 530 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 294 : Sharp, Trans. Ent. S. Lond., 1869, p. 91, 272 ; 1876, p. 60 ; *id.*, Biol. Centr. Amer., Col. i (2), p. 172 : Leconte & Horn, Class. Col., p. 91.
- Acrotoma*, Thomson, Skand. Col., i, 1859, p. 38 ; iii, p. 35.
- Aglypha*, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vi, 1873, p. 689.
- Alaobia*, Thomson, l.c., *supra*, i, p. 40 ; iii, p. 99.
- Alconota*, Thomson, l.c., i, p. 36 ; iii, p. 7.
- Amidobia*, Thomson, l.c., i, p. 34 ; ii, p. 295.
- Amischa*, Thomson, l.c., i, p. 34 ; ii, p. 292.
- Anopleta*, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vii, 1874, p. 46.
- Anomognathus*, Solier, Gay's Hist. Fis. Chili, iv, 1851, p. 387 : Lacord., Gen. Col., ii, p. 155.
- Apimelia*, Muls. & Rey, l.c. *supra*, vii, 1874, p. 74.
- Athota*, Thomson, Skand. Col., i, 1859, p. 39 ; iii, p. 61.
- Badura*, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vi, 1873, p. 311.
- Bessobia*, Thomson, Skand. Col., i, 1859, p. 38 ; iii, p. 42.
- Cerilawa*, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vi, 1873, p. 413.
- Chaetida*, Muls. & Rey, l.c., p. 304.
- Colpodota*, Muls. & Rey, l.c., p. 207.
- Coprothassa*, Thomson, Skand. Col., i, 1859, p. 38 ; iii, p. 35.
- Cryptusa*, Muls. & Rey, l.c. *supra*, vii, 1874, p. 119.
- Dacrila*, Muls. & Rey, l.c., p. 212.
- Dadobia*, Thomson, Skand. Col., i, 1859, p. 33 ; iii, p. 286.
- Datomicra*, Muls. & Rey, l.c. *supra*, vi, 1873, p. 387.
- Dimetrota*, Muls. & Rey, l.c. *supra*, p. 433.
- Dinaraea*, Thomson, Skand. Col., i, 1859, p. 34 ; ii, p. 289.
- Discerota*, Muls. & Rey, l.c. *supra*, vii, 1874, p. 840.

- Diagora*, Thomson, Skand. Col., i, 1859, p. 39; iii, p. 57.
Dralica, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vii, 1874, p. 212.
Eurota, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vi, 1873, p. 154.
Enalodroma, Thomson, Skand. Col., i, 1859, p. 39; iii, p. 51.
Gesstiba, Thomson, Skand. Col., i, 1859, p. 40; iii, p. 104.
Glaphya, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vi, 1873, p. 678.
Glossola, Fowler, Col. Brit., ii, 1887, p. 66.
Hemitropia, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vi, 1873, p. 211.
Heteronoma, Muls. & Rey, *l.c.*, vii, 1874, p. 59.
Heterophaena, Arribalzaga, Bol. Acad. Cienc. Cordoba, vii, 1884, p. 45.
Heterota, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vi, 1873, p. 194.
Hilara, Muls. & Rey, *l.c.*, p. 330.
Hydrosmechta, Thomson, Skand. Col., i, 1859, p. 36; iii, p. 13.
Hygraccia, Muls. & Rey, Ann. Soc. Agric. Lyon, vii, 1874, p. 305.
Hypnota, Muls. & Rey, *l.c.*, vi, 1873, i, p. 623.
Hygluta, Thomson, Skand. Col., i, 1859, p. 39; iii, p. 54.
Liota, Muls. & Rey, *l.c. supra*, vii, 1874, p. 148.
Lypocorche, Thomson, Skand. Col., i, 1859, p. 41; iii, p. 108.
Megista, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vi, 1873, p. 623.
Meotica, Muls. & Rey, *l.c.*, vii, 1874, p. 96.
Metaaya, Muls. & Rey, *l.c.*, vii, 1874, p. 173.
Microdota, Muls. & Rey, *l.c.* vi, 1873, p. 327.
Mycota, Muls. & Rey, *l.c.*, p. 534.
Ouralia, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vii, 1874, p. 66.
Paeknida, Muls. & Rey, *l.c.*, vii, 1874, p. 84.
Polurga, Muls. & Rey, *l.c.*, vi, 1873, p. 609.
Philhygra, Muls. & Rey, *l.c.*, p. 340.
Phrygona, Muls. & Rey, *l.c.*, p. 657.
Platarasa, Thomson, Skand. Col., i, 1859, p. 38; iii p. 45.
Platyola, Muls. & Rey, Ann. Soc. Linn. Lyon, (n.s.) xxi, 1874, p. 249.
Polyota, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vi, 1873, p. 677.
Pyonota, Muls. & Rey, *l.c.*, vi, 1873, p. 409.
Solenia, Muls. & Rey, *l.c.* (4s.) vi, 1873, p. 287.
Tawicera, Muls. & Rey, *l.c.*, vii, 1874, p. 315.
Titropla, Muls. & Rey, *l.c.*, vi, 1873, p. 524.
Thinochaena, Thomson, *l.c.*, i, p. 39; iii, p. 59.
Thinoecia, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) vii, 1874, p. 260.
Traumocia, Muls. & Rey, *l.c.*, vi, 1873, p. 663.
Xenota, Muls. & Rey, *l.c.*, vi, p. 429.
Zoostha, Muls. & Rey, *l.c.*, vii, p. 29.
- acuticollis*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 28, t. 1, f. 10.
 Hab. Ceylon.
- annuliventris*, Kraatz, *l.c.*, p. 40.
 Hab. India.
- atramentaria*, Gyllenhal, Ins. Suec., ii, 1810, p. 408 : Kraatz, Naturg. Ins. Deutschl., p. 303.
acnescens, Zetterstedt, Ins. Lapp., 1840, p. 77, Lapland.
atricornis, Stephens, Ill. Brit. Ent., v, 1832, p. 133. Britain.

- consimilis*, Stephens, *l.c.*, p. 116. Britain.
Mannerheimii, Sahlberg, *Ins. Fenn.*, i, 1831, p. 380.
 Hab. Europe, N. Asia, China.
- circellaris*, Gravenhorst, *Mon. Col. Micr.*, 1806, p. 155 : Kraatz, *Naturg. Ins. Deutschl.*, p. 326 ; *id.*, *Wieg. Arch.*, xxxv (i), 1859, p. 41.
contigua, Stephens, *Ill. Brit. Ent.*, v, 1832, p. 116. Britain.
rufescens, Stephens, *l.c.*, p. 128. Britain.
 Hab. Europe, India.
- cursoria*, Gemminger & Harold, *Mun. Cat.*, 1868, p. 533.
cursor, Motschulsky, *Bull. Mosc.*, xxxi (3), 1858, p. 251.
 Hab. India.
- distatipennis*, Motschulsky, *l.c. supra*, p. 252.
 Hab. India, Bombay.
- dilatipennis*, Motschulsky, *l.c.*, xxxiv (i), 1861, p. 151.
 Hab. Ceylon.
- dubia*, Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 37.
 Hab. Ceylon.
- exasperata*, Kraatz, *l.c.*, p. 32.
 Hab. Ceylon.
- exigua*, Kraatz, *l.c.*, p. 36.
 Hab. Ceylon.
- fungi*, Gravenhorst, *Mon. Col. Micr.*, 1806, p. 157 : Kraatz, *Nat. Hist. Deutschl.*, p. 321 ; *id.*, *Wieg. Arch.*, xxv (i), p. 20.
rufescata, Stephens, *Ill. Brit. Ent.*, v, 1832, p. 136.
nigriceps, Heer, *Faun. Helv.*, i, 1842, p. 333.
obfuscata, Stephens, *Ill. Brit. Ent.*, v, 1832, p. 135.
 Hab. Europe, India, N. America.
- incornata*, Kraatz, *Wieg. Archiv.*, xxv (i), 1859, p. 39.
 Hab. Ceylon.
- inutilis*, Kraatz, *l.c.*, p. 35.
 Hab. Ceylon.
- Kraatzii*, n. n.
anathoptera, Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 30. (*nec* Stephens).
 Hab. India.
- lucens*, Motschulsky, *Bull. Mosc.*, xxxi (3), 1858, p. 257.
 Hab. India.
- marcida*, Erichson, *Käfer Mark Brand.*, i, 1837, p. 328 : Kraatz, *Naturg.* p. 298 ; *id.*, *Wieg. Archiv.*, xxv (i), p. 37.
livida, Muls. & Bey, *Opusc. Ent.*, i, 1852, p. 25, t. 1, f. 7 : Kraatz, *Naturg.*, p. 299.
 Hab. Europe, Ceylon.
- microcephala*, Motschulsky, *Bull. Mosc.*, xxxi (3), 1858, p. 256.
 Hab. India.

- mucronata*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 29.
Hab. Ceylon.
- nana*, Kraatz, *l.c.*, p. 36.
Hab. Ceylon.
- pelloptera*, Kraatz, *l.c.*, p. 30.
Hab. India.
- peregrina*, Kraatz, *l.c.*, p. 39.
Hab. Ceylon.
- platygaster*, Kraatz, *l.c.*, p. 33.
Hab. Ceylon.
- platysthetoides*, Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 152.
Hab. Ceylon.
- prona*, Motschulsky, *l.c.*, xxxi (3), 1858, p. 252.
Hab. India.
- putridula*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 35.
Hab. Ceylon.
- rhyssoptera*, Kraatz, *l.c.*, p. 37.
Hab. India.
- rugatipennis*, Kraatz, *l.c.*, p. 40.
Hab. Ceylon.
- scrobicollis*, Kraatz, *l.c.*, p. 81.
Hab. India.
- splendida*, Kraatz, *l.c.*, p. 38.
Hab. Ceylon.
- suspiciosa*, Motschulsky, Etud. Ent., 1859, p. 90.
Hab. Ceylon.
- tenuicornis*, Motschulsky, Bull. Mosc., xxxi (3), 158, p. 250.
Hab. India.
- termitophila*, Motschulsky, Etud. Ent., 1859, p. 91.
Hab. Ceylon.
- testaceipennis*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 251.
Hab. India.
- tridentata*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 31.
Hab. Ceylon.
- tropica*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 256.
Hab. India.
- tuberculata*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 32.
Hab. India.
- tuberculoollis*, Kraatz, *l.c.*, p. 33.
Hab. Ceylon.

variventris, Kraatz, *l.c.*, p. 34.

Hab. Ceylon.

vicaria, Kraatz, *l.c.*, p. 38.

Hab. Ceylon.

Genus **PLACUSA.**

Erichson, Käfer Mark Brand., i, 1837, p. 370; *id.*, Gen. Staph., p. 194: Lacord., Gen. Col., ii, p. 45: Mun. Cat., p. 544: Kraatz, Naturg. Ins., ii, p. 329; Berl. Ent. Zeits., 1868, p. 342: Jacq. Duval, Gen. Col., ii, p. 7, t. 4, f. 16: Sharp, Biol. Centr. Amer., Col., i (2), p. 269: Leconte & Horn, Class. Col., p. 93.

Calypsa, Muls. & Rey, Ann. Soc. Linn. Lyon, (n. s.) xix, 1872, p. 198-217.

Cyphaea, Fauvel, Ann. Soc. Ent. Fr., (4s.) iii, 1863, p. 219, 220.

acuminata, Kraatz, Wieg. Arch., xxv (i), 1859, p. 43.

Hab. Ceylon.

pygmaea, Kraatz, *l.c.*, p. 44.

Hab. Ceylon.

spinigera, Kraatz, *l.c.*, p. 43.

Hab. Ceylon.

Genus **PHLOEPORA.**

Erichson, Käfer Mark Brand., i, 1837, p. 314; *id.*, Gen. Staph., p. 76: Lacord., Gen. Col. ii, p. 38: Kraatz, Naturg. Ins., ii, p. 334: Jacq. Duval, Gen. Col., ii, p. 16, t. 2, f. 9: Mun. Cat., p. 545: Sharp, Biol. Centr. Amer., Col., i (2), p. 164: Leconte & Horn, Class. Col., p. 92.

ceylanensis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 41.

Hab. Ceylon.

impressicollis, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 257.

Hab. India.

indica, Motschulsky, *l.c.*, p. 258.

indica, Kraatz, Wieg. Arch., xxv (i), 1859, p. 42.

Hab. India.

Genus **OLIGOTA.**

Mannerheim, Brachél., 1830, p. 72: Erichson, Gen. Staph., p. 179: Lacord., Gen. Col., ii, p. 39: Mun. Cat., p. 547: Kraatz, Naturg. Ins., ii, p. 346: Jacq. Duval, Gen. Col., ii, p. 17, t. 4, f. 19: Sharp, Biol. Centr. Amer., Col., i (2), p. 293: Leconte & Horn, Class. Col., p. 93.

Holobus, Solier, Gay's Hist. Fis. Chili, iv, 1851, p. 155: Lacord., Gen. Col., ii, p. 155.

Logiota, Muls. & Rey, Mém. Acad. Lyon, xx, 1873-4, p. 1.

Microcera, Mannerheim, Brachél., 1830, p. 72.

- chrysopyga*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 45.
Hab. Ceylon.
- indica*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 236.
indica, Kraatz, Wieg. Arch., xxv (i), 1859, p. 44.
Hab. India.
- semibrunnea*, Kraatz, *l.c.*, p. 45.
Hab. Ceylon.
- testacea*, Kraatz, *l.c.*, p. 44.
Hab. Ceylon.

Genus **HYGROPTERA.**

- Motschulsky, Etud. Ent., 1859, p. 86 : Mun. Cat., p. 684.
- castanea*, Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 160.
Hab. Ceylon.
- termitis*, Motschulsky, Etud. Ent., 1859, p. 87, t. 1, f. 9.
Hab. Ceylon.

Genus **GYROPHAENA.**

- Mannerheim, Brachél., 1830, p. 74 : Erichson, Gen. Staph., p. 162 : Lacord., Gen. Col., ii, p. 43 : Kraatz, Naturg. Ins., ii, p. 352 : Jacq. Duval, Gen. Col. Eur., ii, 1857, p. 18, t. 4, f. 20 : Mun. Cat., p. 548 : Muls. & Rey, Hist. Nat. Col. France, Brévip., 1871, p. 17 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 289 : Sharp, Trans. Ent. S. Lond., 1876, p. 72 ; *id.*, Biol. Centr. Amer. Col., i (2), p. 254 : Leconte & Horn, Class. Col., p. 73.
Agaricochara, Kraatz, Naturg. Ins., ii, 1857, p. 361 : Mun. Cat. p. 549.
? *Encephalus*, Westwood, Guérin's Mag. Zool., 1838, cl. ix, t. 69 : Mun. Cat., p. 548.
- Phaenogyra*, Muls. & Rey, Ann. Soc. Linn. Lyon, (n. s.) xix, 1872, p. 166.
- appendiculata*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 228.
laminata, Kraatz, Wieg. Arch., xxv (i), 1859, p. 45.
Hab. India.
- clatricosca*, Motschulsky, *l.c.*, p. 231.
granulifera, Kraatz, Wieg. Arch., xxv (i) 1859, p. 48.
Hab. Ceylon.
- curtula*, Motschulsky, Etud. Ent., 1859, p. 85.
nigra, Kraatz, Wieg. Arch., xxv (i), 1859, p. 49 (*neo* Motsch.).
Hab. Ceylon.
- furoata* (*Encephalus*), Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 227.
numeralis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 46.
indica, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 230.
Hab. India.
- immatura*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 47.
Hab. Ceylon.

- livida*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 231.
oxyteloides, Motschulsky, Etud. Ent., 1859, p. 85.
pygmaea, Kraatz, Wieg. Arch., xxv (i), 1859, p. 49.
 Hab. India.
- nigra*, Motschulsky, Etud. Ent., 1859, p. 85.
 Hab. Ceylon.
- pallipes*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 47.
 Hab. Ceylon.
- rigida*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 230.
 Hab. India.
- trifida*, Motschulsky, Etud. Ent., 1859, p. 84.
 Hab. Ceylon.

Genus **BRACHIDA.**

- Mulsant & Bey, Ann. Soc. Linn. Lyon, (n. s.) xix, 1872, p. 94; Col. France Brévip, Aléoch., p. 4, t. 2, f. 14-18; Fauvel, Faun. Gall. Rhén., iii, p. 646, t. 6, f. 16; Sharp, Trans. Ent. S. Load., 1876, p. 48; *id.*, Biol. Centr. Amer., Col., i (2), p. 265.
- crassiuscula (Homalota)*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 41.
 Hab. Ceylon.

Genus **CAMACOPALPUS.**

- Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 231.
Camacopselaphus, Mun. Cat., p. 549.
- bituberculatus*, Motschulsky, *l.c.*, p. 233, t. 1, f. r.
 Hab. India.
- lavicornis*, Motschulsky, *l.c.*, p. 233.
 Hab. India.
- fulvus*, Motschulsky, *l.c.*, p. 234.
 Hab. India.

Genus **PRONOMAEA.**

- Erichson, Käfer Mark Brand., i, 1837, p. 252; Lacord., Gen. Col., ii, p. 46; [Kraatz Naturg. Ins., ii, p. 364; Jacq. Duval, Gen. Col., ii, p. 20, t. 6, f. 24; Mun. Cat., p. 550.
- bramina*, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 224.
 Hab. India.
- subrufa*, Motschulsky, *l.c.*, xxxiv (i), 1861, p. 149.
 Hab. Ceylon.

Genus **MYLLAENA.**

- Erichson, Käfer Mark Brand., i, 1837, p. 382; *id.*, Gen. Staph., p. 209; Lacord. Gen. Col., ii, p. 48; Kraatz, Naturg. Ins., ii, p. 367; Jacq. Duval, Gen. Col., ii, p. 20, t. 8, f. 39; Mun. Cat., p. 550; Fauvel, Ann. Mus. Civ. Gen., xii, p. 288; Sharp, Biol. Centr. Amer., Col., i (2), p. 285; Leconte & Horn, Class. Col., p. 94.
Centroglossa, Mathews, Ent. Mag., v, 1838, p. 194.
- apicalis*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 51.
 Hab. Ceylon.

laticollis, Kraatz, *l.c.*, p. 50.
Hab. Ceylon.

nitidula, Kraatz, *l.c.*, p. 50.
Hab. Ceylon.

Genus **DINOPSIS.**

(*Deinopsis*) Mathews, Ent. Mag., v, 1833, p. 193 : Kraatz, Naturg. Insa, ii, p. 374 :
Mun. Cat., p. 551 : Jacq. Duval, Gen. Col., ii, p. 21, t. 5, f. 25 : Fauvel, Ann.
Mus. Civ. Gen., xv, p. 597 : Sharp, Biol. Centr. Amer., Col., i (2), p. 294 :
Leconte & Horn, Class. Col., p. 94.

cinamomea, Kraatz, Wieg. Arch., xxv (i), 1859, p. 51.
Hab. Ceylon.

Genus **LEUCOCRASPEDUM.**

Kraatz, Wieg. Arch., xxv (i), 1859, p. 51 : Mun. Cat., p. 552.
Euryglossa, Metchulsky, Etud. Ent., 1859, p. 82 : Mun. Cat., p. 551.

pulchellum, Kraatz, Wieg. Arch., *l.c. supra*, p. 53, t. 1, f. 12 a-c.
flavocinctum (*Euryglossa*), Metchulsky, Etud. Ent., 1859, p. 84, t. 1, f. 8.
Hab. Ceylon.

TACHYPORINI :—(*Tachyporides*) Lacord., Gen. Col., ii, 1854, p. 49 : Jacq. Duval,
Gen. Col., ii, p. 22 : Mun. Cat., p. 552 : Thomson, Skand. Col., iii, p. 146 :
Pandellé, Ann. Soc. Ent. Fr., (4s.) ix, 1869, p. 261 : Fauvel, Ann. Mus. Civ.
Gen., xii, p. 276 : Horn, Trans. Amer. Ent. S., vi, 1878, p. 81 : Leconte & Horn,
Class. Col., p. 99.

Genus **XENEDUS.**

Rey, Rev. d'Ent., v, 1886, p. 254.

retractus, Rey, *l.c.*, p. 255.
Hab. Sumatra.

Genus **HYPOCYPTUS.**

Mannerheim (*Hypocyptus*), Brachél., 1830, p. 58 : Erichson (*Hypocyptus*), Käfer
Mark Brand., 1837, p. 337 ; *id.*, Gen. Staph., p. 214 : Boisd. & Lacord., Faun. Ent.
Paris, i, p. 519 : Lacord., Gen. Col., ii, p. 51 : Jacq. Duval, Gen. Col., ii, p. 22, t. 9,
f. 42 : Mun. Cat., p. 552 : Pandellé, Ann. Soc. Ent. Fr., (4s.) ix, 1869, p. 268 : Sharp,
Biol. Centr. Amer., Col., i (2), p. 297 : Leconte & Horn, Class. Col., p. 100.
Cypha, Stephens, Ill. Brit. Ent., v, 1832, p. 187.

glaber, Kraatz, Wieg. Arch., xxv (i), 1859, p. 53.
Hab. Ceylon.

Genus **CILEA.**

Jacq. Duval, Gen. Col. Eur., ii, 1858, p. 25, t. 9, f. 45 : Fauvel, Bull. Soc. Linn.
Norm., x, 1866, p. 246 ; *id.*, Faun. Gall. Rhén., iii, p. 591 : Pandellé, Ann. Soc.

Ent. Fr., (4s.) ix, 1869, p. 277 : Sharp, Biol. Centr. Amer., Col., i (2), p. 308 :
Leconte & Horn, Class. Col., p. 100.

Cilea, pt, Fauvel, Ann. Mus. Civ. Gen., x, 1877, p. 278.

Leucoparyphus, Kraatz, Naturg. Ins. Deutschl., ii, 1858, p. 393 : Mun. Cat.,
p. 553.

marginicollis, Kraatz, Naturg. Ins. l. c., p. 394 ; *id.*, Wieg. Arch., xxv (i), p. 53.
Hab. N. India, Ceylon.

Genus **TACHINODERUS**.

Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 217 : Mun. Cat., p. 556 : Fauvel, Ann.
Mus. Civ. Gen., xii, p. 276 : Sharp, Biol. Centr. Amer., Col., i (2), p. 307.

Tachinomorphus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 54.

fulvipes (*Tachinus*), Erichson, Gen. Staph., 1840, p. 921 : Kraatz, l. c. *supra*, p. 55,
note.

sanguinolentus (*Tachinus*), Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 216.

sittatus (*Tachinomorphus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 55.

Hab. India, Penang, Sumatra, Borneo, Java.

longicornis, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 218, t. 1, f. p.
Hab. India.

Genus **ERCHOMUS**.

Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 218 : Mun. Cat., p. 556 : Horn, Trans.
Amer. Ent. S., vi, p. 107 : Sharp, Biol. Centr. Amer., Col., i (2), p. 298 : Leconte
& Horn, Class. Col., p. 100.

Cilea, pt, Fauvel, Ann. Mus. Gen., xii, p. 110.

Coproporus, Kraatz, Naturg. Ins. Deutschl., ii, 1857, p. 399 : Sharp, Trans.
Ent. S. Lond., 1876, p. 81.

Tachinus, fam. i, pt, Erichson, Gen. Staph., 1840, p. 244.

atomus (*Coproporus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 58.
Hab. Ceylon.

brunnicollis, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 220.

punctipennis (*Coproporus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 57.
Hab. India.

fascipennis (*Coproporus*), Kraatz, l. c., p. 59.
Hab. Ceylon.

flavicornis (*Coproporus*), Kraatz, l. c. p. 56.
Hab. India.

granulum, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 221.
Hab. India.

laevigatus, Motschulsky, l. c., p. 219.
Hab. India.

laeviuscula, Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 280.
Hab. Java, Aru Isles, New Guinea.

- latus**, Motschulsky, *l. c.*, p. 219, t. 1, f. *g.*
spectabilis (*Coproporus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 55.
 Hab. India.
- limbifer**, Motschulsky, *l. c.*, *supra*, p. 222.
tachyporoides (*Coproporus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 60.
 Hab. India.
- melanarius**, Erichson, Gen. Staph., 1840, p. 252.
 Hab. Bengal.
- minimus**, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 220.
pygmaeus (*Coproporus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 58.
 Hab. India, Ceylon, Celebes.
- rubiginosus**, Motschulsky, *l. c. supra*, p. 221.
castaneigennisi (*Coproporus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 60.
 Hab. India, Ceylon.
- rufus** (*Coproporus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 59.
fulvus, Motschulsky (*nec* Sahlb.), *l. c. supra*, p. 220.
 Hab. India.
- sanguinolentus**, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 220.
 Hab. India.
- subdepressus** (*Coproporus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 57 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 284.
 Hab. Ceylon, Celebes, New Guinea.
- subpunctulatus**, Motschulsky, Etud. Ent., 1859, p. 81.
 Hab. India.
- tantillus**, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 221.
 Hab. India.

Genus TACHYPORUS.

- Gravenhorst, Mon. Col. Micr., i, 1806, p. 1 : Erichson, Gen. Staph., p. 231 ; Käfer-Mark Brand., p. 392 : Pandellé, Ann. Soc. Ent. Fr., (4s.) ix, 1869, p. 273 : Lacord. Gen. Col., ii, p. 54 : Jacq. Duval, Gen. Col., ii, p. 24, t. 9, f. 44 : Mun. Cat., p. 557 : Sharp, Biol. Centr. Amer., Col., i (2), p. 311 : Leconte & Horn, Class. Col., p. 100.
Lamprinus, Heer, Faun. Helv., i, 1842, p. 286.
- brunneus** (*Oxyporus*), Fabr., Ent. Syst., i (2), 1792, p. 535 ; Syst. Eleuth., ii, p. 607 : Erichson, Gen. Staph., p. 241 : Kraatz, Naturg. Ins. Deutschl., ii, p. 427 : *id.*, Wieg. Arch., xxv (i), p. 61.
angustatus, Stephens, Ill. Brit. Ent., v, 1832, p. 178.
basalis, Stephens, *l. c.*, p. 179.
faber, Say, Trans. Am. Acad. Sci. Phil., iv, p. 468.
flavicornis, Stephens, *l. c. supra*, p. 177.
gracilis, Stephens, *l. c.*, p. 179.
libens, Stephens, *l. c.*, p. 179.
minimus, Stephens, *l. c.*, p. 178.
nitidulus, Olivier, Ent., iii, 42, 1795, p. 34, t. 3, f. 28.
nitidus, Stephens, *l. c. supra*, p. 177.

- pusillus*, Stephens, *l. c.*, p. 180.
pyrrhoceras, Stephens, *l. c.*, p. 180.
thoracicus, Stephens, *l. c.*, p. 180.
 var. *abdominalis*, Gravenhorst, Microp. Brunsv., 1802, p. 127.
 „ *chloroticus*, Kolenati, Mel. Ent., iii, 1846, p. 12.
 „ *scutellaris*, Lacordaire, Faun. Ent. Paris, i, 1835, p. 517.
 „ *testaceus*, Stephens, *l. c. supra*, p. 177.
 Hab. N. America, Europe, India.
- **chrysomelinus*, Linn., Faun. Suec., 1746, no 855; *id.* Syst. Nat., ed., 12, ii, p. 685: Fabr., Syst. Eleuth., ii, p. 606: Olivier, Ent., iii (42), p. 85, t. 3, f. 23: Latreillé, Gen. Crust. Ins., x, p. 7, t. 79, f. 9: Kraatz, Naturg. Ins. Deutschl., ii, p. 421.
dispar, var. *a*, Paykull, Faun. Suec., iii, 1800, p. 423. Sweden.
melanocephalus, Fabr., Ent. Syst., i (2), 1792, p. 534; Syst. Eleuth., ii, p. 607. Germany.
merdarius, Panzer, Ent. Germ., p. 360: Marsham, Ent. Brit., p. 521. Britain.
 Hab. Europe, [*Ind. Mus.*, Pamir].
- dilutus*, Motschulsky, Etud. Ent., 1859, p. 80.
 Hab. Ceylon.
- evanescoens*, Boheman, Freg. Eug. Rees, Col., 1858, p. 26.
 Hab. China.

Genus CONOSOMA.

- Kraatz, Naturg. Ins. Deutschl., ii, 1858, p. 431: Horn, Trans. Amer. Ent. S., vi, p. 108: Sharp, Biol. Centr. Amer., i (2), p. 318: Leconte & Horn, Class. Col., p. 100.
Conurus, Stephens, Ill. Brit. Ent., v, 1832, p. 188 (*nom. graec.*): Erichson, Gen. Staph., p. 218: Lacord., Gen. Col., ii, p. 53: Pandellé, Ann. Soc. Ent. Fr., (4s.) ix, 1869, p. 272: Jacq. Duval, Gen. Col., ii, p. 23, t. 9, f. 43: Mun. Cat., p. 560: Fauvel, Faun. Gall. Rhén., iii, p. 600; *id.*, Ann. Mus. Civ. Gen., xii, p. 286.
- biguttatus* (*Conurus*), Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 222.
distigma Kraatz, Wieg. Arch., xxv (i), 1859, p. 61.
 Hab. India.
- brevipennis*, Motschulsky, Etud. Ent., 1859, p. 82.
 Hab. Ceylon.
- ceylanensis*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 62.
 Hab. Ceylon.
- cinctus* (*Conurus*), Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 222.
 Hab. India.
- gracilis*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 62.
 Hab. Ceylon.
- picitipennis*, Kraatz, *l. c.*, p. 63.
 Hab. Ceylon.
- rufus*, Kraatz, *l. c.*, p. 63.
 Hab. N. India.

Genus **BOLITOBIVS.**

Mannerheim, Brachél., 1880, p. 18 : Stephens, Ill. Brit. Ent., v, 1832, p. 171 :
Erichson, Gen. Staph., p. 268 : Jacq. Duval, Gen. Col., ii, p. 27, t. 10, f. 49 : Mun.
Cat., p. 562 : Pandellé, Ann. Soc. Ent. Fr., (4s.) ix, 1869, p. 279 : Gozis, Réch.,
1886, p. 13 : Sharp, Biol. Centr. Amer., Col., i (2), p. 316 : Leconte & Horn, Class.
Col., p. 101.

Bolitobius, Lacord., Gen. Col., ii, p. 67 : Kraatz, Wieg. Arch. (1), 1859, p. 63.

Bryocharis, Boisd. & Lacord., Faun. Ent. Paris., i, 1835, p. 502.

Lordithon, Thomson, Skand. Col., i, p. 47 ; iii, p. 71, 1869.

Megaaronus, Stephens, Ill. Brit. Ent., v, 1832, p. 165.

nitidus, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 215.

bimaculatus, Kraatz, Wieg. Arch., xxv (1), 1859, p. 63.

Hab. India, Ceylon.

Genus **MYCETOPORUS.**

Mannerheim, Brachél., 1880, p. 62 : Erichson, Gen. Staph., p. 231 : Mäklin, Symd.
Spec. Mycet., 1847 : Lacord., Gen. Col., ii, p. 59 ; Pandellé, Ann. Soc. Ent. Fr.,
(4s.) ix, 1869, p. 332 : Jacq. Duval, Gen. Col., ii, p. 28, t. 11, f. 51 : Mun. Cat., p.
564 : Sharp, Biol. Centr. Amer., Col., i (2), p. 320 : Leconte & Horn, Class. Col.,
p. 101.

Ischnosoma, Stephens, Ill. Brit. Ent., v, 1832, p. 168.

Mycteropsis, Gozis, Réch., 1886, p. 14.

braminus, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 215.

Hab. India.

testaceus, Kraatz, Wieg. Arch., xxv (1), 1859, p. 64.

Hab. India.

STAPHYLININI :—(*Staphylinides*) Lacordaire, Gen. Col., ii, 1854, p. 61 : Jacq. Duval,
Gen. Col., ii, p. 29 : Mun. Cat., p. 565 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 238 :
Leconte & Horn, Class. Col., p. 95.

Fissilabrus, Latreille, Nordmann, &c.

Genus **TANYGNATHUS.**

Erichson, Käfer Mark Brand., i, 1837, p. 417 ; *id.*, Gen. Staph., p. 288 : Lacord.,
Gen. Col., ii, p. 60 : Kraatz, Naturg. Ins. Deutschl., ii, p. 477 : Jacq. Duval, Gen.
Col., ii, p. 29, t. 11, f. 52 : Mun. Cat., p. 565 : Sharp, Trans. Ent. S. Lond., 1876,
p. 96 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 321 : Leconte & Horn, Class. Col.
p. 95.

fuscus, Kraatz, Wieg. Arch., xxv (1), 1859, p. 65.

Hab. India.

plceus, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 213.

Hab. India.

pictus, Motschulsky, *l. c.*, p. 213.

Hab. India.

ruficollis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 64.
Hab. Ceylon.

Genus **ACYLOPHORUS.**

Nordmann, Symb. Mon. Staph., 1837, p. 127, t. 1, f. 19 : Erichson, Gen. Staph., p. 519 : Lacord., Gen. Col., ii, p. 84 : Jacq. Duval, Gen. Col., ii, p. 38, t. 15, f. 76 : Mun. Cat., p. 566 : Sharp, Trans. Ent. S. Lond., 1876, p. 97 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 324 : Leconte & Horn, Class. Col., p. 95.

Rhygmacera, Motschulsky, Bull. Mosc., xviii (i), 1847, p. 40 ; *id.*, *id.*, (2), 1858, p. 656.

flavipes, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 657.
Hab. India.

furcatus, Motschulsky, *l. c.*, p. 657.
Hab. India.

ruficollis, Motschulsky, *l. c.* p. 657 : ? Kraatz, Wieg. Arch., xxv (i), 1859, p. 65.
Hab. India.

Genus **EURYPORUS.**

Erichson, Käfer Mark Brand., i, 1837, p. 496 ; *id.*, Gen. Staphyl., p. 553 : Lacord., Gen. Col., ii, p. 86 : Jacq. Duval, Gen. Col., ii, p. 39, t. 16, f. 76 : Mun. Cat., p. 566 : Leconte & Horn, Class. Col., p. 96.

Pelecyphorus, Nordmann, Symb., 1837, p. 13, t. 1, f. 5.

argentatus, Fauvel, Notes Leyden Mus., ii, 1881, p. 164.
Hab. Sumatra.

flavipes, Fauvel, *l. c.*, vi, 1884, p. 241.
Hab. Sumatra.

Genus **HETEROTHOPS.**

Stephens, Ill. Brit. Ent., v, 1832, p. 256 : Erichson, Gen. Staph., p. 515 : Lacord., Gen. Col., ii, p. 83 : Jacq. Duval, Gen. Col., ii, p. 38, t. 15, f. 74 : Mun. Cat., p. 567 : Fauvel, Faun. Gall. Rhén., iii, p. 535 : Rye, Ent. Mon. Mag., iv, p. 256 : Sharp, Biol. Centr. Amer., Col., i (2), p. 323 : Leconte & Horn, Class. Col., p. 95.

Trichopygus, Nordmann, Symb. Mon. Staph., 1837, p. 137.

**dis similis*, Gravenhorst, Micr. Brunsv., 1802, p. 125 : Kraatz, Nat. Ins. Deutschl., ii, p. 435.

minutus, Wollaston, Ann. Mag. N. H., (3s.) vi, 1860, p. 53 ; *id.*, Trans. Ent. S. Lond., 1871, p. 298.

subuliformis, Gyllenhal, Ins. Suec., ii, 1810, p. 312.
Hab. Europe, Sweden [*Ind. Mus.*, Leh].

flavicollis, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 660.
Hab. India.

quadrupunctata, Gravenhorst, Mon. Col. Micr., 1806, p. 24 : Kraatz, Naturg. Ins. Deutschl., ii, p. 436.

pumilio, Nordmann, Symb. Mon. Staph., 1836, p. 138. Russia.
subuliformis, Zetterstedt, Faun. Lapp., i, 1840, p. 72. Lapland.
 Hab. Europe [*Ind. Mus.* Murree].

Genus **CYRTOHORAX.**

Kraatz, Berlin. Ent. Zeits., 1858, p. 366 : Mun. Cat., p. 567 : Fauvel, Bull. Soc. Linn. Norm., (3s.) ii, 1878, p. 166 : Sharp, Biol. Centr. Amer., Col., i (2), p. 340.
carulifex, Fauvel, Bull. Soc. Linn. Norm., (3s.) ii, 1878, p. 166.
 Hab. Cambodia.
vulneratus, Fauvel, *l. c.*, p. 165.
 Hab. Cochinchina.

Genus **QUEDIUS.**

(Leach) Stephens, Ill. Brit. Ent., v, 1832, p. 215 : Erichson, Gen. Staph., p. 523 : Jacq. Duval, Gen. Col., ii, p. 37, t. 15, f. 72, 73 : Lacord., Gen. Col., ii, p. 84 : Mun. Cat., p. 568 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 272 : Sharp, Biol. Centr., Amer., Col., i (2), p. 328 : Leconte & Horn, Class. Col., p. 95.
Ediquus, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) viii, 1876, p. 618.
Microsaurus, Stephens, Ill. Brit. Ent., v, 1832, p. 435.
Raphirus, Stephens, *l. c.*, v, 1832, p. 201.
Sauridus, Muls. & Rey, *l. c. supra*, p. 700.
Velleius, Mannerheim, Brachél., 1830 : Stephens, *l. c. supra*, p. 435.
chlorophanus, Erichson, Gen. Staph., 1840, p. 532 : Kraatz, Wieg. Arch., xxv (i), 1859, p. 66.
 Hab. Bengal.
orientis (*Staphylinus*), Olivier, Ent., iii (42), 1795, p. 27, t. 5, f. 49 : Kraatz, Naturg. Ins., p. 495 ; *id.*, Wieg. Arch., xxv (i), 1859, p. 67.
astolicus, Kraatz, Berlin. Ent. Zeits., 1858, p. 58, Greece.
analis, Stephens, Ill. Brit. Ent., v, 1832, p. 435, Britain.
erythropterus, Stephens, *l. c.*, p. 226, France.
fulgidus, Marsham, Ent. Brit., 1802, p. 503, Britain.
haemorrhous, Stephens, *l. c. supra*, p. 217, Britain.
 Hab. Britain, Europe, India.
fulgidus (*Staphylinus*), Fabr., Mant. Ins., i, 1787, p. 220 ; Ent. Syst., i (2), p. 525 ; Syst. Eleuth., ii, p. 596 : Erichson, Käfer Mark Brand., i, p. 486 : Kraatz, Naturg. Ins., p. 492 : *id.*, Wieg. Arch., xxv (i), 1859, p. 67 : Schiöde, Nat. Tidsskr., 1864, p. 205, t. 10, f. 17-22 : Mun. Cat., p. 569 : Fauvel, Faun. Gall. Rhén., iii, p. 505.
arvernicus, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) viii, 1876, p. 613.
nitidus, Gravenhorst, Micr. Brunsv., 1802, p. 31, Europe.
rufithorax, Muls. & Rey, *l. c. supra*, p. 661.
variabilis, Gyllenhal, Ins. Suec., ii, 1810, p. 303, Sweden.
 var. *assimilis*, Nordmann, Symb. Mon. Staph., 1836, p. 78, Russia.
 „ *atrigennis*, Stephens, Ill. Brit. Ent., v, 1832, p. 436, Britain.
 „ *bicolor*, Redtenbacher, Faun. Austr., 1849, p. 710, Germany.

- var. *erythrogaster*, Mannerheim, Bull. Mosc., xxv (2), 1852, p. 314. Sitka.
 „ *floralis*, Lacordaire, Faun. Ent. Paris, i, 1835, p. 380. Styria.
 „ *Fuchsii*, Scriba, Berlin. Ent. Zeits., 1866, p. 378 : Fauvel, l'Abeille, vii, p. 136. Rome.
 „ *fuscoipennis*, Block, Verzeichn. Ins. Plaanen, 1799, p. 116, t. 4, f. 4. Russia.
 „ *groenlandicus*, Zetterstedt, Faun. Ins. Lapp., 1828, p. 61. Lapland.
 „ *haemopterus*, Stephens, Ill. Brit. Ent., v, 1832, p. 217. Britain.
 „ *iracundus*, Say, Trans. Am. Acad. Sci. Phil., iv p. 449. N. Amer.
 „ *lactus*, Faldernann, Fauna Ent. Transc., i, 1836, p. 127. Armenia.
 „ *mesomelinus*, Marsham, Ent. Brit., 1802, p. 510. Britain.
 „ *nigricornis*, Stephens, Ill. Brit. Ent., v, 1832, p. 222. Britain.
 „ *ocultus*, Lacordaire, Faun. Ent. Par., i, 1835, p. 379. France.
 „ *ochripennis*, Ménétriés, Oat. raisonné, 1832, p. 145 (= *quadripunctatus*, Thomson) Talyk.
 „ *perancius*, Muls & Rey, Ann. Soc. Agric. Lyon, (4s.) xiii, 1876, p. 613.
 „ *rustitarsis*, Marsham, Ent. Brit., 1802, p. 512. Britain.
 „ *shrimshiranus*, Stephens, Ill. Brit. Ent., v, 1832, p. 225. Britain.
 „ *virens*, Rottenberg, Berlin. Ent. Zeits., xiv, 1870, p. 23. Sicily.
 Hab. Europe, N. India, Java, Australia, N. America.
- pectoralis*, Boheman, Freg. Eug. Resa., Col., 1858, p. 31.
 Hab. China.
- spectabilis*, Kraatz, Wieg. Arch., xxv (1), 1869, p. 66.
 Hab. N. India.

Genus **NADDIA.**

- Fauvel, Col. Hefte, ii, 1867, p. 117 : Mun. Cat., p. 574.
Caranistes, Erichson, Gen. Staph., 1840, p. 925.
- Westermanni* (*Caranistes*), Erichson, Gen. Staph., 1840, p. 925 : Kraatz, Wieg. Arch., xxvi (1), 1859, p. 72.
 Hab. Bengal.

Genus **PALAESTRINUS.**

- Erichson, Gen. Staph., 1840, p. 343 : Lacord., Gen. Col., ii, p. 74 : Mun. Cat., p. 574.
- mutillarius*, Erichson, Gen. Staph., 1839, p. 924 : Kraatz, Wieg. Arch., xxvi (1), p. 72.
 Hab. Bengal.
- Sykesii*, Erichson, l. c., *supra* p. 344 : Kraatz, l. c. *supra*, p. 71, t. 2, f. 1. a-b.
 Hab. India.

Genus **EMUS.**

- Curtis, Brit. Ent. xii, 1825, t. 534 : Jacq. Duval, Gen. Col., ii, p. 34, t. 13, f. 61 : Mun. Cat., p. 575 : Fauvel, Ann. Mus. Civ. Gen., x, 1877, p. 249 ; *ib.*, xii, p. 248.
- Croophilus*, Mannerheim, Brachél., 1830, p. 20 : Kraatz, Naturg. Ins. Deutschl., ii, p. 528 : Jacq. Duval, Gen. Col., ii, p. 34, t. 13, f. 62 : Mun. Cat., p. 575 : Fauvel, Tijds. v. Ent., xviii, 1875, p. 53 : Sharp, Biol. Centr. Amer., Col., i (2), p. 370 : Leconte & Horn, Class. Col., p. 96.

erythrocephalus (*Staphylinus*), Fabr., Syst. Ent., 1775, p. 265; Spec. Ins., i, p. 335; Mant. Ins., i, p. 220; Ent. Syst., i (2), p. 523; Syst. Eleuth., ii, p. 593; Olivier, Ent., iii, 42, p. 12, t. 2, f. 9; Erichson, Gen. Staph., p. 351; Fauvel, Tijds. v. Ent., xviii, 1875, p. 56; *id.*, Ann. Mus. Civ. Gen., x, 1877, p. 249.

Hab. Australia, Tonga, Tabiti, New Caledonia [*Ind. Mus. India.*]

insularis, Fauvel, Ann. Mus. Civ. Gen., xv, 1879-80, p. 94.

Hab. Sumatra.

maxillosus, Linn., Faun. Suec., 1746, p. 230, no 841: Donovan, Brit. Ins., iii, t. 96, p. 3: Fabr., Syst. Eleuth., ii, p. 592; Erichson, Gen. Staph., p. 348; Kraatz, Naturg. Ins. Deutsch., ii, p. 529; *id.*, Wieg. Arch., xxv (i), 1859, p. 68; Jacq. Duval, Gen. Staph., t. 13, f. 62; Chapuis & Cand., Mém Liège, 1853, p. 399, t. 2, f. 1: Mun. Cat., p. 575; Fauvel, Tijds. v. Ent., xviii, p. 53.

[Fauvel, *l.c.*, *supra*, would make *ciliaris*, Stephens, the type, as *maxillosus*, Linn., is the most aberrant of the varieties].

anonymus, Sulzer, Kenntz. Ins. nach Linn., 1761, p. 17, t. 7, f. 49. Switzerland.

arcticus, Erichson, Gen. Staph., 1840, p. 348; Solsky, Bull. Mosc., xlii (2), 1868, p. 260. Kamschatka.

balteatus, De Geer, Mém., iv, 1774, p. 18, t. 1, f. 7-8, Europe.

bicinotus, Eschscholtz, Bull. Mosc., xvi (2), 1843, p. 229; Solsky, *ib.* xlii (2), 1868 p. 262, Russ. America.

cinerarius, Erichson, Gen. Staph., 1840, p. 350; Sharp, Trans. Ent. S. Lond., 1874, p. 27. Egypt.

fasciatus, Füssly, Verzeichn. Schw. Ins., 1775, p. 21: ? Lap. de Casteln., Etud. Ent., i, p. 111 ♀, Europe.

nebulosus, Geoffroy, Fourcroy, Ent. Paris., i, 1785, p. 165, France.

VAR. { **ciliaris**, Stephens, Ill. Brit. Ent., v, 1832, p. 202; Erichson, German's Zeitschr., iii, p. 408, Britain.
fulvago, Motschulsky, Schrenck's Reise, ii 1860, p. 120; Solsky, Hor. Soc. Ent. Ross., vii, 1871, p. 346; viii, p. 158, Mongolia.
imbecillus, Sharp, Trans. Ent. S. Lond., 1874, p. 28. Japan.

" **medialis**, Sharp, *l.c.* p. 28, Japan.

" **orientalis**, Motschulsky, Etud. Ent., 1857, p. 67; Solsky, Hor. Ent. Ross., vii 1871, p. 346; viii, p. 158. E. Siberia,

" **subfasciatus**, Sharp, Trans. Ent. S. Lond., 1874, p. 28.

" **villosus**, Gravenhorst, Micr. Bruns., 1802, p. 160; Erichson, Gen. Staph., p. 349; Nordmann, Symb. Mon. Staph., p. 319; Sharp, Biol. Centr. Amer., Col., i (2), p. 370.

Hab. Europe, America, N. Africa, Japan, China, Mongolia, Siberia, N. India [*Ind. Mus. Kogyar, Leh.*]

villipennis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 67.

Hab. India, Dekhan; Borneo.

Genus LEISTOTROPHUS.

Perty, Delect. Anim., 1830, p. 30; Kraatz, Naturg. Ins, ii, p. 532; Mun. Cat., p. 576; Fauvel, Ann. Mus. Civ. Gen., xii, p. 249; Sharp, Biol. Centr. Amer., Col., i (2), p. 371; Leconte & Horn, Class. Col., p. 96.

Discocephalus, Nordmann, Symb., 1837, p. 8.

Staphylinus, pt. 5, 6, Erichson, Lacord. Gen. Col., ii, p. 76.

Trichoderma, Stephens, Ill. Brit. Ent., v, 1832, p. 435.

marmoratus (*Staphylinus*), Erichson, Gen. Staph., 1839, p. 826 : Kraatz, Wieg. Arch., xxv (i), p. 68.

Hab. Tenasserim, Ceylon, Java.

tenuicornis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 68.

Hab. N. India [*Ind. Mus.*———].

Genus **TRICHOCOSMETES.**

Kraatz, Wieg. Arch., xxv (i), 1859, p. 69 : Mun. Cat., p. 577.

leucopus (*Staphylinus*), Erichson, Gen. Staph., 1839, p. 362 : Kraatz, *l.c.*, *supra*, p. 70, t. 2, f. 2 a. b.

cinctus (*Staphylinus*), Redtenbacher, Hügel's Kaschm., iv (2), 1844, p. 504, t. 23, f. 6.

Hab. Nepal, N. India.

Genus **EUCIBDELUS.**

Kraatz, Wieg. Arch., xxv (i), 1859, p. 70 : Mun. Cat., p. 577.

gracilis, Kraatz, *l.c.*, *supra*, p. 71, t. 2, f. 3 a-b.

Hab. N. India.

Genus **RHYNCHOCILUS.**

Sharp, Ann. Mag. N. H. (6s.) ii, 1888, p. 220, note.

aureus (*Staphylinus*), Fabr., Mant. Ins., i, 1787, p. 219 ; Ent. Syst., i (2), p. 519 ;

Syst. Eleuth., ii, p. 589 : Olivier, Ent., iii, 42, p. 7, t. 1, f. 2 : Erichson, Gen.

Staph., p. 344 ; Kraatz, Wieg. Arch., xxv (i), 1859, p. 74, note.

Hab. Assam, Siam, Cochinchina [*Ind. Mus.*, Sibságar].

pectoralis, Sharp, Ann. Mag. N. H., (6s.) ii, 1888, p. 120, note.

Hab. Singapur, Malacca, Borneo, Sumatra.

Genus **STAPHYLINUS.**

Linn., Syst. Nat., (ed. 12) ii, 1767, p. 683 : Jacq. Duval, Gen. Col., ii, p. 33, t. 13,

f. 63 : Lacord., Gen. Col., ii, p. 76 : Kraatz, Naturg. Ins., ii, p. 536 : Mun. Cat.,

p. 577 : Sharp, Trans. Ent. S. Lond., 1876, p. 150 ; *id.*, Biol. Centr. Amer., Col.,

i (2), p. 371 : Leconte & Horn, Class. Col., p. 96.

Abomus, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) viii, 1876, p. 242.

Bemasus, Muls. & Rey, *l.c.*, p. 259.

Dinothemasus, Gozis, Recherche, 1886, p. 14.

Platydracus, Thomson, Skand. Col., i, 1859 p. 23.

Ouchemus, Gozis, Recherche, 1886, p. 14.

asemus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 77.

Hab. N. India.

- brachypterus*, Kraatz, *l. c.*, p. 76.
Hab. N. India.
- decepiens*, Kraatz, *l. c.*, p. 75.
Hab. Ceylon.
- Goryi*, Lap. de Casteln., *Etud. Ent.*, i, 1834, p. 113, t. 3, f. 2 : Erichson, *Gen. Staph.*, p. 395 : Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 72.
auripennis, Kraatz, *l. c.*, *supra*, p. 72.
Hab. India.
- griseipennis*, Fairmaire, *Ann. Soc. Ent. Fr.*, (6s.) ix, 1889, p. 10.
Hab. Tibet, Moupin.
- indicus*, Kraatz, *l. c.*, p. 75.
Hab. N. India.
- luzonicus*, Fauvel, *Rev. d'Ent.*, v, 1886, p. 149.
Hab. Manilla.
- maculipennis*, Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 77.
Hab. N. India.
- semipurpureus*, Kraatz, *l. c.*, p. 73.
Hab. N. India.
- subtrideus*, Kraatz, *l. c.*, p. 78.
Hab. India.
- xanthocephalus*, Kraatz, *l. c.*, p. 74.
Hab. India.

Genus OCYPUS.

- Stephens, *Ill. Brit. Ent.*, v, 1832, p. 211 : Lacord., *Gen. Col.*, ii, p. 79 : Jacq. Duval, *Gen. Col.*, ii, p. 33, 35, t. 14, f. 66 : *Mun. Cat.*, p. 580 : Leconte & Horn, *Class. Col.*, p. 96.
Anodus, Nordmann, *Symb.*, 1835, p. 11.
Göerius, Stephens, *Ill. Brit. Ent.*, v, 1832, p. 208.
Pseudocypus, Muls. & Rey, *Ann. Soc. Agric. Lyon.*, (4s.) viii, 1876, p. 291.
Tasgius, Stephens, *Ill. Brit. Ent.*, v, 1832, p. 435 : Jacq. Duval, *Gen. Col.*, ii, p. 35, t. 13, f. 65.
- congruus*, Walker, *Ann. Mag. N. H.*, (3s.) ii, 1858, p. 205.
Hab. Ceylon.
- lineatus*, Walker, *l. c.*, iii, 1859, p. 51.
Hab. Ceylon.
- longipennis*, Walker, *l. c.*, ii, 1858, p. 205.
Hab. Ceylon.
- punctilinea*, Walker, *l. c.*, ii, 1858, p. 205.
Hab. Ceylon.
- testaceipes*, Fauvel, *Ann. Soc. Ent. Belg.*, xxxi, 1887, p. 97.
Hab. Yunnan.

Genus PHILONTHUS.

- Curtis, *Brit. Ent.*, xiii, 1825, t. 610 : Erichson, *Gen. Staph.*, p. 426 : Lacord., *Gen. Col.*, ii, p. 80 : Jacq. Duval, *Gen. Col.*, ii, p. 35, t. 14, f. 67 : *Mun. Cat.*, p. 584 :

- Fauvel, Ann. Mus. Civ. Gen., xii, p. 257: Horn, Syn. Philonth. N. Amer., Trans. Amer. Ent. S., xi, 1884, p. 177: Sharp, Trans. Ent. S. Lond., 1876, p. 164; *id.*, Biol. Centr. Amer., Col., i (2), p. 395, 428: Leconte & Horn, Class. Col., p. 96.
- Bisnius*, Stephens, Ill. Brit. Ent., v, 1832, p. 247.
- Gabrius*, Stephens, *l. c.*, p. 249.
- Gefyrobius*, Thomson, Skand. Col., i, 1859, p. 24; ii, p. 166.
- Pseudidus*, pt., Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) viii, 1876, p. 574.
- Rabigus*, Muls. & Rey, *l. c.*, p. 523.
- Remus*, Holme, Trans. Ent. S. Lond., ii, 1837, p. 64.
- acroleucus**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 91.
Hab. India.
- acuminatus**, Kraatz, *l. c.*, p. 93.
Hab. India.
- aeneipennis**, Boheman, Freg. Eug. Resa, Col., 1858, p. 30.
Hab. China.
- aeneus**, Rossi, Faun. Etrusc., i, 1790, p. 249: Erichson, Gen. Staph., p. 928: Kraatz, Naturg. Ins. Deutschl., p. 678: Schiödte, Nat. Tidsskr., 1864, t. 12, f. 1: Fauvel, Faun. Gall. Rhén., iii, p. 442.
- cyanicornis*, Mannerheim, Brachél., 1830, p. 27. Sweden.
- laticeps*, Zetterstedt, Faun. Lapp., i, 1840, p. 73. Lapland.
- mandibularis*, Kirby, Fauna Bor. Amer., iv, 1837, p. 91. N. America.
- metallicus*, Boisd. & Lacord., Faun. Ent. Paris., i, 1835, p. 390. France.
- politus*, Linn., Syst. Nat. i (2), p. 683: Kirby, *l. c. supra*, p. 91. Sweden.
- puncticollis*, Stephens, Ill. Brit. Ent., v, 1832, p. 439. Britain.
- similis*, Marsham, Ent. Brit., 1802, p. 497. Britain.
- var. *atratus*, Boisd. & Lacordaire, *l. c. supra*, p. 392. France.
Hab. N. America, Europe, N. India.
- amabilis**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 97.
Hab. India.
- asemus**, Kraatz, *l. c.*, p. 86.
Hab. N. India.
- basalis**, Motschulsky, Bull. Mosc., xxi (2), 1858, p. 664.
Hab. India, Ceylon, Japan.
- castaneus**, Gemm. & Har., Mun. Cat., 1868, p. 586.
badius (*Gabrius*), Motsch. (*nec* Kiesenw.), Bull. Mosc., xxxi (2), 1858, p. 661.
Hab. India.
- cinctipennis**, Fauvel, Faun. Gall. Rhén., iii, Cat. xxx; Bull. Soc. Norm., ii, 1878, p. 123.
Hab. Egypt, Annam, Cochinchina, Philippines.
- cinctulus**, Gravenhorst, Micr. Bruns, 1802, p. 167; *id.*, Mon. Col. Micr., p. 89: Erichson, Gen. Staph., p. 332.
Hab. Bengal.
- concolor**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 80.
Hab. Ceylon.

- cyanelytrius*, Kraatz, *l. c.*, p. 80.
 Hab. N. India [*Ind. Mus.*, Murree].
- delicatulus*, Boheman, Freg. Eug. Resa, Col., 1858, p. 29.
 Hab. China.
- distinctus*, Gemm. & Har., Mun. Cat., 1868, p. 587.
antennatus, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 664 (*nec* Guérin).
 Hab. India.
- ebenus*, Gravenhorst, Micr. Brunsv., 1802, p. 170: Erichson, Gen. Staph., p. 461 :
 Kraatz, Naturg. Ins. Deutschl., ii, p. 596.
varians, Erichson, Käfer Mark Brand., i, 1837, p. 461. Germany.
 var. *brevicornis*, Gravenhorst, *l. c. supra*, p. 22. Europe.
 „ *concinus*, Gravenhorst, *ib.*, p. 21. Russia.
 „ *corruscus*, Gravenhorst, *ib.*, p. 33 : Erichson, Gen. Staph., p. 465. France.
 „ *irregularis*, Mannerheim, Brachél., 1830, p. 30. Siberia.
 „ *maroidus*, Wollaston, Cat. Col. Canar., 1854, p. 571. Canaries.
 „ *nitidus*, Marsham, Ent. Brit., 1802, p. 511. Britain.
 „ *ochropus*, Gravenhorst, *l. c. supra*, p. 39. Sweden.
 „ *planus*, Boisd. & Lacord., Faun. Ent. Paris, i, 1835, p. 401. France.
 „ *varians*, Gravenhorst, Mon. Col. Micr., 1806, p. 82. Germany.
 Hab. Europe, India [*Ind. Mus.*, Kulu].
- erythropus*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 88 : Fauvel, Ann. Mus. Civ. Gen.,
 xv, p. 104.
 Hab. India, Ceylon, Annam, China, Philippines, Sumatra, Java, Celebes,
 New Guinea.
- erythrosticktus*, Kraatz, *l. c.* p. 94.
 Hab. India.
- flavipes*, Kraatz, *l. c.* p. 88.
 Hab. Ceylon, Siam.
- flavocinctus*, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 663.
 Hab. India.
- fulvitaris*, Motschulsky, Etud. Ent., viii, 1859, p. 80.
 Hab. Ceylon.
- fuscatus*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 95.
 Hab. Ceylon, Siam.
- fuscolaterus* (*Gabrius*), Motschulsky, Etud. Ent., viii, 1859, p. 76.
 Hab. Ceylon.
- gemellus*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 91.
 Hab. Ceylon.
- geminus*, Kraatz, *l. c.*, p. 87.
 Hab. Ceylon, China.
- idlocerus*, Kraatz, *l. c.*, p. 85.
 Hab. Ceylon, Celebes.

- lativentris**, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 663.
Hab. India.
- leucopygus**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 90.
Hab. India.
- leucotus**, Erichson, Gen. Staph., 1839, p. 507 : Kraatz, *l. c.*, *supra* p. 98.
Hab. India.
- longiceps**, Fauvel, Ann. Mus. Civ. Gen., xv, 1879-80, p. 104.
Hab. Malacca, Borneo, Celebes, New Guinea.
- longicornis**, Stephens, Ill. Brit. Ent., v, 1832, p. 237 : Fauvel, Faun. Gall. Rhén., iii, p. 480 : Sharp, Biol. Centr. Amer., Col., i (2), p. 416.
algericus, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 668. Algiers.
fumosus, Solsky, Hor. Soc. Ent. Ross., v, 1867, p. 134. Russia.
? *fuscicornis*, Nordmann, Symb. Mon. Staph., 1836, p. 96. Russia.
scybalarius, Nordmann, *l. c.*, p. 94 : Kraatz, Naturg. Ins. ii, p. 601 ; *id.*,
Wieg. Arch., xxv (i), p. 86. Germany, Ceylon.
varians, var. *b.*, Erichson, Käfer Mark Brand., i, 1837, p. 466 ; *id.*, Gen.
Staph., p. 470 : Fauvel, Ann. Soc. Ent. Fr., (3s.) iii, 1863, p. 435. Britain.
Hab. Europe, S. America, Cape, Ceylon, Japan, Australia, Tahiti.
- longulus (Gabrius)**, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 662.
Hab. India.
- luzonius**, Fauvel, Ann. Soc. Ent. Fr., (6s.) vi, 1886, p. 180 ; *id.*, Rev. d'Ent., v, p. 149.
Hab. Philippines.
- micantiventris**, Sharp,
Hab. China.
- mutans**, Sharp, Trans. Ent. S. Lond., 1874, p. 43.
Hab. Japan, China.
- nitens**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 82.
Hab. Ceylon.
- notabilis**, Kraatz, *l. c.*, p. 79.
Hab. N. India, Ceylon, Annam, Philippines.
- paederoides (Gabrius)**, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 662.
bellus, Kraatz, *l. c. supra*, p. 83.
Hab. India, Ceylon, Siam, Cochinchina, Philippines.
- ***pamirensis**, Sharp, Jl. As. Soc. Ben., xlvii (2), 1878, p. 170.
Hab. Pamir. [*Ind. Mus.*, type].
- parviceps**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 86.
Hab. Ceylon.
- pedestris**, Walker, Ann. Mag. N. H., (3s.) iii, 1859, p. 51.
custilbus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 98.
Hab. Ceylon.
- pellomerus**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 82.
Hab. Ceylon.

productus, Kraatz, *l. c.*, p. 89.

Hab. Ceylon.

proximus, Kraatz, *l. c.*, p. 80 : Fauvel, Faun. Gall. Rhén., iii, p. 406.

carbonarius, Erichson, Käfer Mark Brand., i, 1837, p. 448 (*nov. Gyl.*).

succicola (*Baryodma*), Thomson, Skand., Col., ii, 1859, p. 157 : Kraatz, Deutsche Ent. Zeits., 1875, p. 129.

Hab. Europe, Siberia, N. India.

puletiellus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 92.

Hab. India, Ceylon.

quisquiliarius, Gyllenhal, Ins. Suec., ii, 1810, p. 335 : Kraatz, Naturg. Ins., p. 607 :

Fauvel Faun. Gall. Rhén., iii, p. 463.

chalceipennis, Fauvel, Ann. Mus. Civ. Gen., xiii, 1878, p. 547.

dimidiatus, Lacord., Faun. Ent. Paris., i, 1835, p. 402. France.

phaeopus, Stephens, Man. Brit. Col., 1839, p. 397. Britain.

quadricollis, Horn, Trans. Amer. Ent. Soc., xi, 1884, p. 194.

var. *inquinatus*, Stephens, Ill. Brit. Ent., v, 1832, p. 223. Sweden.

„ *rubidus*, Erichson, Gen. Staph., 1840, p. 475. Germany, Japan.

„ *variipennis*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 85. Ceylon, India.

Hab. N. America, Europe, India, Ceylon, Annam, Cochinchina, Sumatra, Java, Celebes, Philippines, Japan, Africa, New Caledonia.

**rotundicollis*, Ménétrés, Cat. Raison., 1832, p. 145 : Hochhuth, Bull. Mosc., xx (i)

1849, p. 185.

scutatus, Erichson, Gen. Staph., 1840, p. 438 : Kraatz, Naturg. Ins.

Deutchl., ii, p. 580.

Hab. S. Europe, Caucasus [*Ind. Mus.*, Pamir].

rubricollis, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 665.

Hab. India.

rufomarginatus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 90.

Hab. Ceylon.

sericeicollis, Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 266.

Hab. Borneo, New Guinea.

solidus, Sharp, Trans. Ent. S. Lond., 1874, p. 43.

Hab. Japan, China.

**stolloskæ*, Sharp, Jl. As. Soc. Beng., xlvii (2), 1878, p. 170.

Hab. Yarkand [*Ind. Mus.*, type.]

subtrideus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 81.

Hab. Ceylon.

tardus, Kraatz, *l. c.*, p. 84.

Hab. Ceylon, Java.

thermarum, Aubé, Ann. Soc. Ent. Fr. (2s.) viii, 1850, p. 316 : Kraatz, Naturg.,

Ins. Deutchl., p. 608 : Fauvel, Faun. Gall. Rhén., iii, p. 470 ; *id.*, Ann. Mus.

Civ. Gen., xii, p. 268 : Sharp, Ann. Mag. N. H., iii, 1889, p. 39.

angustatus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 92.

exilis, Kraatz, Stettin Ent. Zeit., 1851, p. 293.

maritimus, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 661.

pygmaeus, Kraatz, *l. c. supra*, p. 93.

Hab. Europe, Egypt, Japan, N. China, India, Ceylon, Java, New Guinea.

turbidus, Erichson, Gen. Staph., 1840, p. 484.

punctipennis, Wollaston, Cat. Col. Mader., 1857, p. 192.

Hab. Assam, Mauritius, Bourbon, Madagascar, Syria, Egypt, Madeira.

xanthomerus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 83.

Hab. India.

Genus **CAFIUS**.

Stephens, Ill. Brit. Ent., v, 1832, p. 245 : Fauvel, Faun. Gall. Rhen., iii, p. 421, t. 5, f. 13 ; *id.*, Ann. Mus. Civ. Gen., xii, 1878, p. 251.

Orthidus, Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) viii, 1876, p. 339.

Pseudidus, pt., Muls. & Rey, Ann. Soc. Agric. Lyon, (4s.) viii, 1876, p. 574.

parallelus (*Philonthus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 99.

Hab. Ceylon.

puncticollis (*Philonthus*), Boheman, Freg. Eug. Resa, 1858, p. 31.

Hab. China.

rufescens, Sharp, Ann. Mag. N. H., (6s.) ii, 1888, p. 44.

Hab. Japan, Hongkong.

Genus **ACTOBIUS**.

Fauvel, Faune Gall. Rhén., iii, Suppl. p. 72 : Sharp, Biol. Centr. Amer., Col., i (2), p. 457.

Bisnius, Thomson, Skand. Col., ii, p. 168. (*nec* Leach, Stephens).

Erichsonius, Fauvel, *l. c. supra*, p. 427 (*nom. praec.*).

longulus (*Philonthus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 99 (*nec* Motsch.).

praelongus, Gemm. & Har., Mun. Cat., p. 591.

Hab. India, Ceylon, Annam, Sumatra, Celebes, Philippines.

Genus **LEUCITUS**.

Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 253.

stencoides, Gravenhorst, Mon. Col. Micr., 1806, p. 90 : Erichson, Gen. Staph., p. 493 :

Kraatz, Wieg. Arch., xxv (i), 1859, p. 94 note : Fauvel, Ann. Mus. Civ. Gen., xii, p. 253, note.

Hab. Java.

Genus **PACHYCORYNUS**.

Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 204 : Mun. Cat., p. 595 : Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 239.

Holisomorphus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 100, t. 2, f. 6.

dimidiatus, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 205, t. 1, f. 8.

ceylanensis (*Holisomorphus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 101, t. 2, f. 6 a-c.

Hab. India, Ceylon, Java, Aru Islands.

Genus **BELONUCHUS.**

- Nordmann, Symb. Mon. Staph., 1837, p. 129, t. 2, f. 2 : Erichson, Gen. Staph., p. 419 : Lacord., Gen. Col., ii, p. 80 : Mun. Cat., p. 595 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 269 : Sharp, Trans. Ent. S. Lond., 1876, p. 156 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 428, 429 : Leconte & Horn, Class. Col., p. 96.
- castaneipennis* (*Philonthus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 96.
Hab. India, Ceylon.
- ferrugatus* (*Philonthus*), Erichson, Gen. Staph., 1840, p. 931 : Kraatz, *l. c. supra* p. 96.
Hab. Java, Penang.
- grandiceps* (*Philonthus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 95.
Hab. Ceylon.
- mutator*, Fauvel, Ann. Mus. Civ. Gen., xv, 1879, p. 106.
Hab. Malacca, Gilolo, Celebes.
- quadratus*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 96.
Hab. N. India.

Genus **TRAPEZIDERUS.**

- Motschulsky, Etud. Ent., viii, 1859, p. 77 : Mun. Cat., p. 599.
- bicolor*, Motschulsky, Etud. Ent., viii, 1859, p. 79.
Hab. Ceylon.

Genus **XANTHOLINUS.**

- Serville, Enc. Méth., x, 1825, p. 475 : Erichson, Gen. Staph., p. 306 : Lacord., Gen. Col., ii, p. 68 : Jacq. Duval, Gen. Col., ii, p. 32, t. 13, f. 58 : Mun. Cat., p. 600 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 243 : Sharp, Trans. Ent. S. Lond., 1876, p. 198 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 475 : Leconte & Horn, Class. Col., p. 96.
- Euliusus*, Mannerheim, Brauchl., 1830, p. 35 : Mun. Cat., p. 600.
- Gyrohygnus*, Stephens, Ill. Brit. Ent., v, 1832, p. 258.
- Megalinus*, Muls. & Bey, Mém. Acad. Lyon, xxii, 1876, p. 261.
- anachoreta*, Erichson, Gen. Staph., 1840, p. 316 : Kraatz, Wieg. Arch., xxv (i), 1859, p. 102.
morio, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 207.
Hab. N. India, Ceylon.
- cicatricosa*, Fauvel, Notes Leyden Mus., iii, 1881, p. 163.
Hab. Sumatra.
- cinctus*, Walker, Ann. Mag. N. H., (3s.) ii, 1853, p. 205.
Hab. Ceylon.
- dispilus*, Erichson, Gen. Staph., 1840, p. 317 : Kraatz, Wieg. Arch., xxv (i), 1859, p. 104.
Hab. Bengal.
- rulgidus* (*Staphylinus*), Fabr., Mant. Ins., i, 1787, p. 220 ; Ent. Syst., i (2), p. 525 ; Syst. Eleuth., ii, p. 596 : Olivier, Ent., iii (42), t. 4, f. 34 : Kraatz, Naturg. Ins.

Deutschl., p. 642; *id.*, Wieg. Arch., xxv (i), p. 105; Jacq. Duval, Gen. Col. Eur., ii, p. 32, t. 12, f. 57.

angulatus, Kuster, Käfer Europ., p. 13.

pyropterus, Gravenhorst, Mon. Col. Micr., 1806, p. 102.

var. *intermedius*, Kuster, *l. c. supra*, p. 13.

Hab. Europe, Ceylon.

hongkongensis, Redtenbacher, Reise Novara, Col., 1868, p. 28.

Hab. Hongkong.

inclinans, Walker, Ann. Mag. N. H., (3s.) ii, 1859, p. 51.

Hab. Ceylon.

laticeps, Erichson, Gen. Staphyl., 1840, p. 308; Kraatz, Wieg. Arch., xxv (i), 1859, p. 102.

Hab. Java.

nigerrimus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 103.

Hab. India, Penang, Java, Hongkong.

punctulatus (*Staphylinus*), Paykull, Mon. Staph., 1789, p. 80; Kraatz, Naturg. Ina. Deutschl., ii, p. 635; *id.*, Wieg. Arch., xxv (i), p. 104; Bouché, Nat. Ins., i, p. 181, t. 8, f. 9-13.

ater, Stephens, Ill. Brit. Ent., v, 1832, p. 255. Britain.

elongatus, Fourcroy, Ent. Paris, i, 1785, p. 171. France.

———, var. 5, Gravenhorst, Micr. Bruns., 1802, p. 45. Russia.

fracticornis, Müller, Zool. Prodr. 1776, p. 99. Sweden.

obscurus, Stephens, Ill. Brit. Ent., v, 1832, p. 256. Britain.

Hab. Europe, India.

Genus MITOMORPHUS.

Kraatz, Wieg. Arch., xxv (i), 1859, p. 105; Mun. Cat., p. 604.

indicus, Kraatz, *l. c.*, p. 107, t. 2, f. 5 a-b.

Hab. India.

nigroaeneus, Kraatz, *l. c.*, p. 106.

Hab. Ceylon.

Genus LEPTACINUS.

Erichson, Käfer Mark Brand., i, 1837, p. 429; *id.*, Gen. Staph., p. 333; Boisd. & Lacord., Faun. Ent. Paris, i, p. 416; Lacord., Gen. Col., ii, p. 69; Mun. Cat., p. 605; Kraatz, Naturg. Ins. ii, p. 645; *id.*, Wieg. Arch., xxv (i), p. 109; Jacq. Duval, Gen. Col., ii, p. 32, t. 12, f. 69; Fauvel; Faun. Gall. Rhén., iii, p. 574; *id.*, Ann. Mus. Civ. Gen., xii, p. 242; Sharp, Trans. Ent. S. Lond., 1876, p. 203; *id.*, Biol. Centr. Amer., Col., i (2), p. 489; Leconte & Horn, Class. Col., p. 97.

alium, Kraatz, Wieg. Arch., xxv (i), 1859, p. 111.

Hab. Ceylon.

navipennis, Kraatz, *l. c.*, p. 111.

Hab. Ceylon.

paucipennis, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 206.
tricolor, Kraatz, Wieg. Arch., xxv (i), 1859, p. 110.
 Hab. India, Ceylon.

pusillimus, Kraatz, *l. c.*, p. 112.
 Hab. Ceylon.

trigonocephalus, Kraatz, *l. c.*, p. 109, t. 2, f. 4 a-b.
 Hab. Ceylon.

Genus **SPIROSOMA.**

Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 206 : Mun. Cat., p. 606.

fulvescens, Motschulsky, *l. c.*, p. 207, t. 1, f. a.
 Hab. India.

Genus **METAPONCUS.**

Kraatz, Naturg. Ins. Deutschl., ii, 1857, p. 651 : Mun. Cat., p. 606 : Fauvel, Faun, Gall. Rhén., iii, p. 379 : Sharp, Trans. Ent. S. Lond., 1876, p. 205 : *id.*, Biol. Centr. Amer., Col., i (2), p. 503 : Leconte & Horn, Class. Col., p. 97.

Cylindrocephalus, Motschulsky, Etud. Ent., viii, 1859, p. 128.

Zetostomus, Jacq. Duval, Gen. Col. Eur., ii, 1857, p. 25.

exiguus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 108.
 Hab. India.

leucoconemis, Kraatz, *l. c.*, p. 107.
 Hab. Ceylon.

Genus **XANTHOPHYUS.**

Motschulsky, Etud. Ent., viii, 1859, p. 75 : Mun. Cat., p. 607.

serpentarius, Motschulsky, *l. c. supra*, p. 76.
 Hab. Ceylon.

Genus **DIOCHUS.**

Erichson, Gen. Staphyl., 1840, p. 300 : Lacord., Gen. Col. ii, p. 65 : Mun. Cat., p. 608 : Fauvel, Faun. Gall. Rhén., p. 366 : Sharp, Trans. Ent. S. Lond., 1876, p. 184 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 466 : Leconte & Horn, Class. Col., p. 97.

Rhagmatocerus, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 657.

antennatus (*Rhagmatocerus*), Motschulsky, Bull. Mosc., *l. c.*, p. 659.
indicus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 113.
 Hab. India.

conicollis (*Rhagmatocerus*), Motschulsky, Bull. Mosc., *l. c.*, p. 658, t. 1, f. k.
major, Kraatz, Wieg. Arch., xxv (i), 1859, p. 113.
 Hab. India.

punctipennis (*Rhagmatocerus*), Motschulsky, Bull. Mosc., *l. c.*, p. 659.
 Hab. India.

Genus **PLATYPROSOPUS.**

Mannerheim, Brachél., 1830, p. 35 : Lacord., Gen. Col., ii, p. 63 : Mun. Cat., p. 608 : Sharp, Trans. Ent. S. Lond., 1876, p. 101 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 783.

elatus, Fauvel, *in litt.*

indicus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 114 (*nec* Motsch).

Hab. N. India, Sáhíbanj.

fuliginosus, Erichson, Gen. Staph., 1840, p. 923 : Kraatz, Wieg. Arch., xxv (i), 1859, p. 115.

orientalis, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 212.

Hab. Bengal.

fulvicollis, Motschulsky, *l.c.*, p. 212.

insaris, Kraatz, Wieg. Arch., xxv (i), 1859, p. 116.

Hab. India.

indicus, Motschulsky, Bull. Mosc., xxxi (3), 1858, p. 212.

Hab. N. India.

laevicollis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 114.

Hab. N. India.

tamulus, Erichson, Gen. Staphyl., 1840, p. 923 : Kraatz, *l.c.*, p. 115.

Hab. Bengal [*Ind. Mus.*—]

PAEDERINI—(*Pæderides*) Lacord., Gen. Col., ii, 1854, p. 88 : Jacq. Duval, Gen. Col. Eur., ii, p. 41 ; Fauvel, Ann. Mus. Civ. Gen., xii, p. 224 : Mun. Cat., p. 608 : Leconte & Horn, Class. Col., 1883, p. 97.

Pinophilides, Lacord., *l.c. supra*, p. 97 : Jacq. Duval, *l.c. supra*, p. 49.

Genus **LATHROBIUM.**

Gravenhorst, Mon. Col. Micr., 1806, p. 130 : Mannerheim, Brachél., p. 37 : Erichson, Gen. Staphyl., p. 588 : Lacord., Gen. Col., ii, p. 93 : Jacq. Duval, Gen. Col. Eur., ii, p. 44, t. 17, 83 : Mun. Cat., p. 609 : Fauvel, Faune Gall. Rhénan., iii, p. 348 : Eppelsheim, Deutsche Ent. Zeits., xxiii, 1879, p. 182 : Kraatz, *id.*, p. 193 : Sharp, Trans. Ent. S. Lond., 1876, p. 229 ; *id.* Biol. Centr. Amer., Col., i (2), p. 536 : Leconte & Horn, Class. Col., p. 99.

Bathrolium, Gozis, Recherche, 1836, p. 14.

Glyptomerus, pt, Müller, Stettin. Ent. Zeit., 1856, p. 308 : Fauvel, Rev. d'Ent., iv, p. 28.

Lobrathium, Muls. & Bey, Ann. Soc. Linn. Lyon, xxiv, 1879, p. 29.

Notobium, Solsky, Bull. Mosc., xxxvii (2), 1864, p. 447.

Throbakium, Muls. & Bey. *l.c. supra*, p. 99.

Tyghlobium, Kraatz, Verh. Zool. bot. Ges. Wien, 1856, p. 625.

chinense, Boheman, Freg. Eug. Resa., Col., 1858, p. 32.

Hab. China.

gracilentum, Kraatz, Wieg. Arch., xxv (i), 1859, p. 115.

Hab. Ceylon.

prolatum, Fauvel, Ann. Soc. Ent. Fr., (6s.) vi, 1886, p. 180; *id.*, Rev. d'Ent., v. 1886, p. 148.

Hab. Philippines.

pulchellum, Kraatz, Wieg. Arch., ~~xxv~~ (i), 1869, p. 116.

Hab. Ceylon,

seminigrum, Kraatz, *l.c.*, p. 117.

Hab. Ceylon.

sublaeve, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 647.

Hab. India.

unicolor, Kraatz, Wieg. Arch., xxv (i), 1869, p. 117.

pallens, Gemminger & Harold, Mun. Cat., 1868, p. 611.

testaceum, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 646 (*nec* Kraatz).

Hab. Western India, Annam, Philippines.

Genus **SCIMBALIUM.**

Erichson, Gen. Staph., 1840, p. 579 : Lacord., Gen. Col., ii, p. 92 : Jacq. Duval, Gen. Col., ii, p. 43, t. 17, f. 81 : Mun. Cat., p. 613 : Fauvel, Faun. Gall. Rhén., iii, p. 359.

Lathrobomorphus, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 645.

Lathrobismorphus, Gemm & Har., Mun. Cat., p. 1868, 612.

badius (*Lathrobomorphus*), Motschulsky, *l.c. supra*, p. 646, t. 1. f. 6.

Hab. India.

Genus **ACHENIUM.**

Curtis, Brit. Ent., iii, 1825, t. 315 : Stephens, Brit. Ent., v, p. 265 : Lacord., Gen. Col., ii, p. 92 : Jacq. Duval, Gen. Col., ii, p. 44, t. 17, f. 82 : Mun. Cat., p. 612.

humerale, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 648.

Hab. India.

Genus **CRYPTOPORUS.**

Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 664 : Mun. Cat., p. 613.

flavipes, Motschulsky, *l.c.*, p. 655, t. 1, f. j.

Hab. India.

Genus **DOLICAON.**

Lap. de Casteln., Etud. Ent., i, 1835, p. 119 : Lacord., Gen. Col., ii, p. 91 : Jacq. Duval, Gen. Col. Eur., ii, p. 42, t. 16, f. 80 : Mun. Cat., p. 613 : Sharp, Trans. Ent. S. Lond., 1876, p. 247.

Adelobium, Nordmann, Symb. Mon. Staph., 1836, p. 139.

Pinobius, MacLeay, Trans. Ent. Soc. N. S. Wales, ii, 1870, p. 147.

indicus, Kraatz, Wieg. Arch., xxv (i), 1869, p. 118.

Hab. India.

robustus, Kraatz, *l.c.*, p. 117.

Hab. India, Tranquebar.

sparisventris, Fauvel, Ann. Soc. Ent. Fr., (6a) vi, 1886, p. 179; *id.*, Rev. d'Ent., v, 1886, p. 148.

Hab. Java, Philippines.

vicinus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 118.

Hab. India.

Genus **CRYPTOBIUM.**

Mannerheim, Brachél., 1830, p. 38: Erichson, Gen. Staph., p. 561: Gravenhorst, Mon. Micr., p. 129: Lacord., Gen. Col., ii, p. 89: Jacq. Duval, Gen. Col., ii: p. 42, t. 16, f. 79: Mun. Cat., p. 615: Fauvel, Faun. Gall. Rhén. iii, p. 364: Sharp, Trans. Ent. S. Lond., 1876, p. 211; *id.*, Biol. Centr. Amer., Col., i (2), p. 506: Leconte & Horn, Class. Col., p. 98.

Glyptomerus, pt, Müller, Stettin. Ent. Zeit., 1856, p. 308.

Homasotarus, Hochhuth, Bull. Mosc., xxiv (i), 1851, p. 34.

Ochthebitum, Stephens, Syst. Cat. Brit. Ina., p. 287.

ceylanense, Kraatz, Wieg. Arch., xxv (i), 1859, p. 119.

Hab. Ceylon.

flum, Kraatz, *l.c.*, p. 119.

Hab. Ceylon.

fossigerum, Kraatz, *l.c.*, p. 120.

var. { *abdominale*, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 651.
 { *pygiale*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 121.
 { *rufipenne*, Motschulsky, Bull. Mosc., *l.c. supra*, p. 651.
 " { *indicum*, Kraatz, *l.c. supra*, p. 121.

Hab. India, Ceylon, Assam, Philippines, Java, Sumatra, Celebes.

limbatum, Kraatz, Wieg. Arch., xxv (i), 1859, p. 121.

Hab. India.

marginatum, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 652.]

Hab. India.

sanguinolentum, Motschulsky, *l.c.*, p. 650.

Hab. India.

spectabile, Kraatz, Wieg. Arch., xxv (i), 1859, p. 118.

Hab. N. India.

naturale, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 662.

Hab. India.

testaceum, Kraatz, Wieg. Arch., xxv (i), 1859, p. 120.

Hab. N. India.

Genus **CEPHALOCHETUS.**

Kraatz, Wieg. Arch., xxv (i), 1859, p. 122.

Cephalochaetus, Mun. Cat., p. 616.

elegans, Kraatz, *l. c.*, *supra* p. 123, t. 2, f. 7 a-d.
Hab. Ceylon.

indicus, Kraatz, *l. c.*, p. 124.
Hab. India, Ceylon.

Genus **PSILOTRACHELUS.**

Kraatz, Wieg. Arch., xxv (i), 1859, p. 124 : Mun. Cat., p. 617.

crassus, Kraatz, *l. c.*, p. 124.
Hab. Ceylon.

sculptipennis, Kraatz, *l. c.*, p. 125.
Hab. India.

Genus **CALLIDERMA.**

Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 653 : Mun. Cat., p. 617.

brunneum, Motschulsky, *l. c.*, p. 653, t. 1, f. 4.
Hab. India.

Genus **STILICUS.**

Latreille, Règne Anim., iv, 1829, p. 436 ; Enc. Méth., x, p. 494 : Erichson, Gen. Staph., p. 629 : Lacord., Gen. Col., ii, p. 96 : Jacq. Duval, Gen. Col., ii, p. 47, t. 18, f. 87 : Mun. Cat., p. 617 : Fauvel, Faun. Gall. Rhén., iii, p. 298 : Sharp, Biol. Centr. Amer., Col., i, p. 581 : Leconte & Horn, Class. Col., p. 99.
Rugilus, Curtis, Stephens. Ill. Brit. Ent., v, 1832, p. 227.

ceylonensis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 126 : Sharp, Trans. Ent. S. Lond., 1874.
Hab. Ceylon, Japan.

luteipennis, Kraatz, *l. c.*, p. 126.
Hab. Ceylon.

pygmaeus, Kraatz, *l. c.*, p. 126.
Hab. Ceylon.

sericeus, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 640.
Hab. India.

Genus **SCOPAEUS.**

Erichson, Gen. Staph., 1840, p. 604 : Lacord., Gen. Col., ii, p. 95 : Jacq. Duval, Gen. Col., ii, p. 46, t. 18, f. 86 : Mun. Cat., p. 618 : Fauvel, Faun. Gall. Rhén., iii, p. 307 : Sharp, Trans. Ent. S. Lond. 1876, p. 248 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 540, 795 : Leconte & Horn, Class. Col., p. 99.

Leptorus, Casey, Bull. Calif. Acad. Sci., ii, 1886, p. 217, 220.

Polyodontus, Solier, Gay's Hist. Fis. Chili, iv, 1851, p. 310 : Lacord., Gen. Col., ii, p. 95.

Scopæodera, Casey, Bull. Calif. Ac. Sci., ii, 1886, p. 220.

Scoponeus, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 641.

- 248 E. T. Atkinson—*Catalogue of the Family Staphylinidae.* [Suppl.]
- bicuspis**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 129.
Hab. India.
- deciplens**, Kraatz, *l.c.*, p. 131.
Hab. Ceylon.
- diffusus**, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 642.
Hab. India.
- fulvescens** (*Scoponeus*), Motschulsky, *l.c.*, p. 642.
Hab. India.
- fuscus** (*Scoponeus*), Motschulsky, *l.c.*, p. 641, t. 1, f. c.
Hab. India.
- limbatus**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 130.
Hab. India, Ceylon.
- micrus**, Kraatz, *l.c.*, p. 132.
Hab. Ceylon.
- nitidulus**, Motschulsky, Bull. Mosc., xxv (2), 1858, p. 643.
Hab. India.
- pallidulus**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 131.
Hab. Ceylon.
- plantusculus**, Kraatz, *l.c.*, p. 132.
Hab. India.
- procerus**, Kraatz, *l.c.*, p. 127.
Hab. India.
- puberulus**, Kraatz, *l.c.*, p. 128.
Hab. India.
- puncticeps**, Kraatz, *l.c.*, p. 132.
Hab. India.
- rubrotestaceus**, Kraatz, *l.c.*, p. 128.
Hab. Ceylon.
- semifuscus**, Kraatz, *l.c.*, p. 128.
Hab. Ceylon.
- subfasciatus**, Kraatz, *l.c.*, p. 129.
Hab. India, Ceylon, Siam, Java, Philippines.
- suturalis**, Kraatz, *l.c.*, p. 130.
Hab. India, Ceylon, Sumatra, Java, Celebes, Philippines.
- testaceus** (*Scoponeus*), Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 642.
Hab. India.
- thoracicus** (*Scoponeus*), Motschulsky, *l.c.*, p. 641.
Hab. India.
- velutinus**, Motschulsky, *l.c.*, p. 642.
Hab. India.

Genus **SCLEROCHITON.**

- Kraatz, Wieg. Arch., xxv (i), 1859, p. 133 : Mun. Cat., p. 620.
Saurellus, Motschulsky, Etudes Ent., viii, 1859, p. 71.
indicus (*Echiaster*), Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 637 ; (*Saurellus*) *id.*,
 Stud. Ent., 1859, p. 72.
ochraceus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 134, t. 2, f. 8 a-c.
 Hab. India.

Genus **LITHOCHARIS.**

- Boisd. & Lacord., Faun. Ent. Paris, i, 1835, p. 481 ; Lacord., Gen. Col., ii, p. 94 :
 Erichson, Gen. Staphyl., p. 610 : Jacq. Duval, Gen. Col., ii, p. 46, t. 17, f. 85 :
 Mun. Cat., p. 620 : Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 228 : Sharp, Trans.
 Ent. S. Lond., 1876, p. 264 ; *id.*, Biol. Centr. Amer., Col., i (2), 1886, p. 519 :
 Leconte & Horn, Class. Col., p. 99.
Achenomorphus, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 617.
Motaogodonta, Casey, Bull. Acad. N. S. Calif., ii, 1886, p. 29, 232.
annis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 142.
 Hab. India.
breviuscula, Kraatz, l. c., p. 137.
 Hab. Ceylon.
cinnamoptera Kraatz, l. c., p. 141.
 Hab. India.
curta, Kraatz, l. c., p. 136.
 Hab. Ceylon, Java.
debilicornis, Wollaston, Cat. Col. Mader., 1857, p. 194 ; *id.*, Col. St. Helena, p. 34 :
 Fauvel, Faun. Gall. Rhén., iii, p. 322, t. 4, f. 8 ; *id.*, Ann. Mus. Civ. Gen., xiii,
 1878, p. 515.
aegyptiaca, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 644. Egypt.
brovicornis, Allard, Ann. Soc. Ent. Fr., (3s.), v, 1857, p. 747, t. 14, f. 1, II.
rufulus, Lynch Arribalz, Bolet. Ac-Ci. Gordova, vii, 1885, p. 259.
 Hab. W. Indies, United States, France, Egypt, Algeria, Cape Verd, Madeira,
 Persia, Siam, Japan, Australia, New Caledonia.
dimidiata, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 645.
spectabilis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 155.
 Hab. India, Ceylon, Borneo, Celebes, China.
erythroptera, Gemm. & Har., Mun. Cat., p. 621.
fuscipennis, Kraatz (*nov* Motsch.), Wieg. Arch., xxv (i), 1859, p. 136,
 Hab. Ceylon, Celebes.
flavescens, Motschulsky, Bull. Mosc., xxxi (2), 1858, p. 648.
 Hab. India.
fuscipennis, Motschulsky, l. c., p. 643.
 Hab. India.

humerala, Motschulsky, *l. c.*, p. 644.

Hab. India.

nigerrima, Kraatz, Wieg. Arch., xxv (i), 1859, p. 141.

Hab. Ceylon.

nigriceps, Kraatz, *l. c.*, p. 139.

Hab. Ceylon.

ochracea, Gravenhorst, Col. Micr. Bruns., v., 1802, p. 59 : Boisd. & Lacord., Ent. Paris., i, p. 432 : Erichson, Gen. Staph., p. 623 : Kraatz, Naturg. Ins. Deutschl., ii, p. 716 ; *id.*, Wieg. Arch., xxv., (i), 1859, p. 140 : Fauvel, Faun. Gall. Rhén., iii, p. 320, t. 4, f. 7 ; *id.*, Ann. Mus. Civ. Gen., xii, p. 234 : Sharp, Biol. Centr. Amer., Col., i, (2), p. 551.

brunniiceps, Fairmaire, Rev. Zool., 1849, p. 290. Tahiti.

fastidiosa, Fairm. & Germ., Ann. Soc. Ent. Fr., (3s), i, 1861, p. 438. Chili.

rubricollis, Gravenhorst, Mon. Col. Micr., 1806, p. 188. Europe.

Hab. India, China, Celebes, Europe, Oceania, Centr. America.

pallida, Motschulsky, Bull. Mosc., xxxi, (2), 1858, p. 644.

Hab. India.

plana, Kraatz, Weigm. Arch., xxv (i), 1859, p. 136.

Hab. India.

rufula, Kraatz, *l. c.*, p. 140.

Hab. India.

nvida, Kraatz, *l. c.*, p. 138.

Hab. Ceylon.

vicina, Kraatz, *l. c.*, p. 137.

Hab. India.

vilis, Kraatz, *l. c.*, p. 139.

sororcula, Kraatz, *l. c.*, p. 140.

Hab. India.

Genus ISOCHILUS.

Sharp, Ann. Mag. N. H., (6s.) iii, 1889, p. 263.

staphylinoides (*Lithocharis*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 134 ; Sharp,

l. c., *supra*, p. 263.

Hab. Ceylon, Japan.

Genus THINOCHARIS.

Kraatz, Wieg. Arch., xxv (i), 1859, p. 142 : Mun, Cat., p. 623 : Sharp, Trans. Ent. S. Lond., 1876, p. 254 : Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 226.

sarinicollis, Kraatz, *l. c. supra*, p. 143.

Hab. Ceylon.

pygmaea, Kraatz, *l. c.*, p. 143, t. 2, f. 9 a-c.

Hab. Ceylon.

Genus **STILICOPSIS.**

Sachse, *Stettin. Ent. Zeit.*, 1852, p. 144 : *Mun. Cat.*, p. 625 : Sharp, *Biol. Centr. Amer., Col.*, i(2), p. 666 : Leconte & Horn, *Class. Col.*, p. 99.

Acanthoglossa, Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 144 : *Mun. Cat.*, p. 623 (*nee* Motsch).

brachyocera, Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 145, t. 2, f. 10 *a-c.*
Hab. Ceylon.

hirta, Kraatz, *l. c.*, p. 144.
Hab. Ceylon.

rufa, Kraatz, *l. c.*, p. 146.
Hab. Ceylon.

testaceipennis, Kraatz, *l. c.*, p. 145.
Hab. India.

Genus **STYLIDERUS.**

(*Styliderus*) Motschulsky, *Bull. Mosc.*, xxi (2), 1858, p. 638 : *Mun. Cat.*, p. 623.

vicintriocous, Motschulsky, *l. c.*, p. 639, t. 1, f. *d.*
Hab. India.

Genus **NEOGNATHUS.**

Sharp, *Trans. Ent. S. Lond.*, 1874, p. 69.

pulchellus (*Sunius*), Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 147.
Hab. India.

Genus **SUNIUS.**

(Leach) Stephens, *Ill. Brit. Ent.*, v, 1832, p. 275 : Erichson, *Käfer Mark Brand.*, i, p. 523 ; *id.*, *Gen. Staph.*, p. 637 : Lacord., *Gen. Col.*, ii, p. 99 : Jacq. Duval, *Gen. Col.*, ii, p. 48, t. 18, f. 88 : *Mun. Cat.*, p. 623 : Fauvel, *Faun. Gall. Rhén.*, iii, p. 292 : Sharp, *Trans. Ent. S. Lond.*, 1876, p. 289 ; *id.*, *Biol. Centr. Amer., Col.*, i (2), p. 596, 601 : Leconte, & Horn, *Class. Col.*, p. 99.

Astenus, Boisd. & Lacord., *Faun. Ent. Paris.*, i, 1835, p. 435 : Gosis, *Recherche*, 1886, p. 14.

Meognathus, Wollaston, *Ins. Mader.*, 1854, p. 595.

Sunides, Motschulsky, *Bull. Mosc.*, xxi (2), 1858, p. 638.

biplagiatus, Motschulsky, *Bull. Mosc., l. c.*, p. 636.
Hab. India.

nicolon, Sharp, *Trans. Ent. S. Lond.*, 1874, p. 72.
Hab. Ohima, Japan.

bispinus, Motschulsky, *Bull. Mosc.*, xxi (2), 1858, p. 636.
Hab. India.

concolor, Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 149.
Hab. India, Ceylon.

ceylanensis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 163.

Hab. Ceylon.

indicus, Kraatz, *l.c.*, p. 153.

Hab. India.

Genus OEDICHIRUS.

Erichson, Gen. Staphyl., 1840, p. 684 : Lacord., Gen. Col., ii, p. 104 : Jacq. Duval, Gen. Col., ii, p. 49, t. 19, f. 91 : Mun. Cat., p. 629 : Sharp, Trans. Ent. S. Lond., 1876, p. 338.

Blythrobaeus, Sahlberg, Acta Soc. Fenn., ii, 2, 1847.

obtus, Nietner, Journ. As. Soc. Ben., xxv, 1856, p. 393 ; *id.*, Ann. Mag. N. H., (2s) xix, 1857, p. 247 : Kraatz, Wieg. Arch., xxv (i), 1859, p. 154.

Hab. Ceylon.

longipennis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 154.

Hab. N. India.

radiceps, Kraatz, *l.c.*, p. 155.

Hab. India.

Genus PROCIRRUS.

Erichson, Gen. Staph., 1840, p. 685 : Lacord., Gen. Col., ii, p. 105 : Jacq. Duval, Gen. Col., ii, p. 50, t. 19 f. 92 : Mun. Cat., p. 630.

Lefebvrei, Latreille, Bègne, Anim., iv, 1829, p. 436, note : Gurin, Ic. Ins., t. 9, f. 6 a-d : Erichson, Gen. Staph., p. 686 : Jacq. Duval, Gen. Staph., t. 19, f. 92.

Hab. Sicily, Java (*Fawc.*).

fuscus, Sharp, Ann. Mag. N. H., iii, 1889, p. 324, nota.

Hab. Bengal, Dacca.

Genus PINOPHILUS.

Grayenhorst, Col. Micr. Brunsv., 1802, p. 201 : Erichson, Gen. Staph., p. 669 : Lacord., Gen. Col., ii, p. 102 : Jacq. Duval, Gen. Col., ii, Cat., p. 73 : Mun. Cat., p. 630 : Sharp, Trans. Ent. S. Lond., 1876, p. 318 ; *id.* Biol. Centr. Amer., Col. i (2), p. 620 : Leconte & Horn, Class. Col., p. 99.

Pityophilus, Brullé, Hist. Nat. Ins. Col., iii, 1837, p. 75.

brachypterus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 161.

Hab. Ceylon.

brevis, Kraatz, *l.c.*, p. 159.

Hab. Ceylon.

complanatus, Erichson, Gen. Staphyl., 1840, p. 672 : Kraatz, *l.c. supra*, p. 156.

morio, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 517.

Hab. India.

depressus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 157.

Hab. N. India.

- javanus*, Erichson, Gen. Staphyl., 1840, p. 672: Kraatz, *l.c.*, *supra*, p. 156.
Hab. Java.
- leucopus*, Kraatz, *l.c.*, *supra*, p. 158.
Hab. India, Tranquebar.
- melanocephalus*, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 516: Kraatz, Wiegman, Arch., xxv (1), 1859, p. 159.
Hab. India.
- melanomerus*, Kraatz, *l.c.*, p. 160.
Hab. India.
- pallipes*, Kraatz, *l.c.*, p. 156.
Hab. Ceylon.
- picicornis*, Kraatz, *l.c.*, p. 158.
Hab. Ceylon.
- pilicollis*, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 526.
Hab. India, Tranquebar.
- planus*, Kraatz, Wiegman, Arch., xxv (1), 1859, p. 157.
Hab. India.
- rotundicollis*, Kraatz, *l.c.*, p. 160.
Hab. Ceylon.
- ruficeps*, Kraatz, *l.c.*, p. 155.
Hab. India [*Ind. Mus.*, Sahibganj].
- rufipennis*, Sharp, Trans. Ent. S. Lond., 1874, p. 78.
Hab. China, Japan.

Genus EDAPHUS.

- Leconte, Class. Col., 1861, p. 67: Leconte & Horn, Class. Col., p. 98: Mun. Cat., p. 582: Fauvel, Rev. d' Ent., i, p. 138: Horn, Bull. Brookl. Soc., vii, 1885, p. 123: Leconte & Horn, Class. Col., p. 98.
Tetrataraxus, Schaufuss, Nunc. Otios., ii, 1877, p. 460: *id.*, Psel. Siamr's, p. 24.
- eribricollis*, Schaufuss, Hor. Ent. Ross., xxi, 1887, p. 199.
Hab. Sumatra.
- dilutus*, Schaufuss, *l.c.*, p. 109.
Hab. Sumatra.
- plicatulus* (*Tetrataraxus*), Schaufuss, Psel. Siam's, 1877, p. 25.
Hab. Siam.
- sumatrensis*, Schaufuss, Hor. Ent. Ross., xxi, 1887, p. 110.
Hab. Sumatra.
- STENIDI**:—(*Stenides*) Lacord., Gen. Col., ii, 1854, p. 106: Jacq. Duval, Gen. Col., ii, p. 60: Mun. Cat., p. 631: Fauvel, Ann. Mus. Civ. Gen., xii, p. 219: Leconte and Horn, Class. Col., 1883, p. 97.

Genus **STENAESTETHUS**.

Sharp, Trans. Ent. S. Lond., 1874, p. 69; *id.*, *ib.*, 1876, p. 356; Biol. Centr. Amer., Col., i (2), p. 640.

sunoides, Sharp, *l.c.*, p. 80.

Hab. China, Japan.

Genus **STENUS**.

Latreille, Précis caract. Ins., 1796, p. 77; Erichson, Gen. Staph., p. 689; Lacord., Gen. Col., ii, p. 107; Jacq. Duval, Gen. Col., ii, p. 51, t. 19, f. 94; Mun. Cat., p. 632; Leprieur, Ann. Soc. Ent. Fr., (2 s) ix, 1851, p. 191; Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 221; Rey, Ann. Soc. Linn. Lyon, xxx, 1886, p. 183; Casey, Bull. Calif. Acad. Scien., ii, p. 261; *id.*, Rev. Stenini, N. America, 1884; Sharp, Trans. Ent. S. Lond., 1876, p. 358; *id.*, Biol. Centr. Amer., Col., i (2), p. 640; Leconte & Horn, Class. Col., p. 97.

Arcus, Casey, Rev. Stenini N. America, 1884, p. 160.

Hemistenus, Motschulsky, Bull. Mosc., xxxiii (2), 1860, p. 567.

acuminatus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 165.

Hab. Ceylon.

barbatus, Nietner, Jl. As. Soc. Beng., xxv, 1856, p. 531; *id.*, Ann., Mag. N. H., (2s. lxxix, 1857, p. 381; Kraatz, Wieg. Arch., xxv (i), 1859, p. 163.

Hab. Ceylon.

basicornis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 163.

Hab. Ceylon.

bispinus, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 514; Kraatz, Wieg. Arch., *l.c. supra*, p. 164.

Hab. India.

bivulneratus, Motschulsky, *l.c. supra*, p. 514.

Hab. India.

brachypterus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 164.

Hab. Ceylon.

cariniger, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 514; Kraatz, Wieg. Arch., xxv (i), p. 162.

Hab. India.

cicindela, Sharp, Trans. Ent. S. Lond., 1874, p. 85.

Hab. China, Japan.

cribellatus, Motschulsky, Bull. Mosc., *l.c. supra*, p. 518; Kraatz, Wieg. Arch., xxv (i), 1859, p. 164.

Hab. India.

cylindricollis, Boheman, Freg. Eug. Resa, Col., 1856, p. 34.

Hab. Malacca.

fulvescens, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 515; Kraatz, Wieg. Arch., xxv (i), p. 166.

Hab. India.

- lacertoides**, Nietner, Journ. As. Soc. Beng., xxv, 1856, p. 532; *id.*, Ann. Mag. N. H., (2s.) xix, 1857, p. 382: Kraatz, Wieg. Arch., xxv (i), 1859, p. 165.
Hab. Ceylon.
- lactus**, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 515: Kraatz, *l. c. supra*, p. 166.
Hab. India.
- liliferus**, Motschulsky, *l. c.*, p. 514: Kraatz, *l. c. supra*, p. 163.
Hab. India.
- pulcher**, Motschulsky, Etud. Ent., viii, 1859, p. 71.
Hab. Ceylon.
- rugicollis**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 162.
Hab. India.
- tenuipes**, Sharp, Trans. Ent. S. Lond., 1874, p. 80.
Hab. Kiukiang on Yangtse, Japan.
- tricarinatus**, Kraatz, *l. c. supra*, p. 164.
Hab. India.
- velocipes**, Fauvel, Rev. d'Ent., v, 1886, p. 146; Ann. Soc. Ent. Fr., (6s.) vi, 1886, p. 179.
Hab. Philippines.
- vilis**, Kraatz, Wieg. Arch., xxv (i), 1859, p. 162.
Hab. India.

Genus MEGALOPS.

- Erichson, Gen. Staph., 1840, p. 751: Lacord., Gen. Col., ii, p. 111: Mun. Cat., p. 641: Sharp, Trans. Ent. S. Lond., 1876, p. 378; *id.*, Biol. Centr. Amer., Col. i, (2), p. 667, 668.
- acutangulus**, Waterhouse, Ann. Mag. N. H., (5s.) xii, 1883, p. 386.
Hab. Java.
- OXYTELINI**:—(*Oxytelides*) Lacord., Gen. Col., ii, 1854, p. 109: Jacq. Duval, Gen. Col., ii, p. 54: Mun. Cat., p. 641: Fauvel, Ann. Mus. Civ. Gen., xii, p. 209: Leconte & Horn, Class. Col., 1883, p. 101.

Genus OSORIUS.

- Latreille, Fam. Nat., 1825, p. 245; *id.*, Règne Anim., iv, 1829, p. 438: Erichson, Gen. Staph., p. 753: Lacord., Gen. Col., ii, p. 112: Mun. Cat., p. 642: Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 209: Leconte, Trans. Amer. Ent. S., vi, p. 215: Sharp, Trans. Ent. S. Lond., 1876, p. 381; *id.*, Biol. Centr. Amer., Col. i (2), p. 677.
- Molosoma**, Say, Trans. Amer. Phil. Soc., n. s., iv, 1834, p. 462.
- compactus**, Walker, Ann. Mag. N. H., (3s.) iii, 1859, p. 52.
Hab. Ceylon.
- cardicollis**, Fauvel, Notes Leyden Mus., iv, 1882, p. 58, note.
Hab. Sumatra.

tumator, Fauvel, Rev. d'Ent., viii, 1889, p. 246.

Hab. Sumatra, New Caledonia.

punctulatus, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 508 : Kraatz, Wieg. Arch., xxv (i), p. 168.

Hab. India.

rufipennis, Motschulsky, *l. c.*, p. 508 : Kraatz, Wieg. Arch., xxv (i), p. 168.

Hab. India.

rufipes, Motschulsky, *l. c.*, p. 508 : Kraatz, Wieg. Arch., xxv (i), p. 168.

Hab. India.

rugiceps, Kraatz, Wieg. Arch., xxv (i), 1859, p. 166.

Hab. India.

rugicollis, Kraatz, *l. c.*, p. 167.

Hab. Ceylon.

rugifrons, Erichson, Gen. Staphyl., 1840, p. 756 : Kraatz, *l. c. supra*, p. 166.

Hab. Java.

Genus HOLOTROCHUS.

Erichson, Gen. Staphyl., 1840, p. 757 : Lacord., Gen. Col., ii, p. 113 : Mun. Cat., p.

643 : Leconte, Trans. Amer. Ent. S., vi, p. 216 : Sharp, Trans. Ent. S. Lond., 1876, p. 387 ; *id.*, Biol. Centr. Amer., Col., i, (2), p. 682.

minusculus, Fauvel, Ann. Mus. Civ. Gen., xv, 1879-80, p. 79.

Hab. Borneo, Java, Mysol.

Genus BLEDIUS.

Mannerheim, Braehel., 1830, p. 44 : Stephens, Ill. Brit. Ent., v, p. 307 : Erichson,

Gen. Staph., p. 760 : Lacord., Gen. Col., ii, p. 114 : Jacq. Duval, Gen. Col., ii, p. 54, t. 20, f. 100 : Mun. Cat., p. 643 : Leconte, Trans. Amer. Ent. S., vi, p. 217 :

Sharp, Trans. Ent. S. Lond., 1876, p. 393 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 685 : Leconte & Horn, Class. Col., p. 103.

Atyocpe, Thomson, Skand. Col., i, p. 43 ; iii, p. 121, 1859 : Schiödte, *l. c. infra*, p. 149.

Bargus, Schiödte, Nat. Tidskr., (3a) iv, 1866, p. 148, 316.

Hesperophilus, Stephens, Ill. Brit. Ent., v, 1832, p. 309 : Schiödte, *l. c.*, p. 150.

Tadunus, Schiödte, *l. c. supra*, p. 147, 317.

Teropalpus, pt, Solier, Gay's Hist. Fis. Chili, iv, 1851, p. 330 ; Lacord., Gen. Col., ii, p. 154.

vispinus, Kraatz, Wieg. Arch., xxv (i), 1859, p. 169.

Hab. India.

brunnipennis, Fabr., Syst. Eleuth., ii, 1801, p. 596 : Erichson, Gen. Staph., p. 779 :

Kraatz, *l. c. supra*, p. 168, note.

puncticollis (*Ocorius*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 168.

Hab. India.

- alutifennis*, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 507: Kraatz, Wieg. Arch., xxv (i), 1859, p. 170.
Hab. India.
- brachioornis*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 169.
Hab. Ceylon.
- hoplitæ*, Fauvel, Rev. d'Ent., v, 1886, p. 146; Ann. Soc. Ent. Fr., (6a.) vi, 1886, p. 178.
? *tricornis*, Redtenbacher, Reise Novara, Col., 1863, p. 31.
Hab. Siam, Annam, Philippines, ? Shanghai.
- melidus*, Sharp, Trans. Ent. S. Lond., 1874, p. 90.
Hab. China, Japan.
- minusculus*, Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 144.
Hab. Ceylon.
- pulchellus*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 169.
Hab. Ceylon.
- tuberculatus*, Fabr., Ent Syst., Suppl., 1798, p. 181; Syst. Eleuth., ii, p. 601? : Kraatz, *l. c. supra*, p. 168.
Hab. India, Ceylon.

Genus **PLATYSTETHUS.**

- Mannerheim, Brachél., 1830, p. 46: Lacord., Gen. Col., ii, p. 116: Jacq. Duval., Gen. Col., ii, p. 55, t. 21, f. 101: Mun. Cat., p. 647: Sharp, Biol. Centr. Amer., Col., i (2), p. 686.
Platystethus, Erichson, Gen. Staph., 1840, p. 781.
Pycnocraerus, Thomson, Skand. Col., i, 1859, p. 43; iii, p. 125.
- crassicornis*, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 506.
Hab. India.
- spectabilis*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 170.
Hab. India, Annam, Philippines.
- testaceus*, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 506.
Hab. India.

Genus **OXYTELUS.**

- Gravenhorst, Col. Micr. Brunsv., 1802, p. 101: Mannerh., Brachél., p. 47: Erichson, Gen. Staph., p. 785: Jacq. Duval., Gen. Col., ii, p. 55, t. 21, f. 102, 103: Lacord., Gen. Col., ii, p. 116: Mun. Cat., p. 648: Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 214: Leconte, Trans. Amer. Ent. S., vi, 1877; p. 234: Sharp, Biol. Centr., Amer., Col., i (2), p. 687: Leconte & Horn, Class. Col., p. 103.
Anotylus, Thomson, Skand. Col., i, 1859, p. 44; iii, p. 130.
Caccoperus, Thomson, *l. c.*, i, p. 43; iii, p. 127.
Epomotylus, Thomson, *l. c.*, i, p. 43; iii, p. 128.
Stylowys, Gozis, Recherche, 1886, p. 16.
Tanyocraerus, Thomson, *l. c. supra*, i, p. 43; iii, p. 129.

- 260 E. T. Atkinson—*Catalogue of the Family Staphylinidæ*. [Suppl.]
- bengalensis*, Erichson, Gen. Staph., 1840, p. 789: Kraatz, Wieg. Arch., xxv, (5) 1859, p. 171.
Hab. Bengal.
- bicolor*, Walker, Ann. Mag. N. H., (3 s.) iii, 1859, p. 52.
Hab. Ceylon.
- celebensis*, Fauvel, Rev. d'Ent., vi, 1886, p. 145; *id.*, Ann. Soc. Ent. Fr., (6 s.) vi, 1886, p. 178.
Hab. India, Sumatra, Java, Celebes, Philippines.
- exasperatus*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 175.
Hab. Ceylon.
- ferrugineus*, Kraatz, *l.c.* p. 173.
Hab. Ceylon, India.
- flavipennis*, Kraatz, *l.c.*, p. 172.
?=*incisus*, Motschulsky *g. v.*
Hab. Ceylon.
- incisus*, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 504.
Hab. India.
- latusculus*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 176.
Hab. Ceylon.
- lividus*, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 503: Kraatz, Wieg. Arch., xxv, (5), 1859, p. 171.
Hab. India.
- micans*, Kraatz, *l.c.*, p. 175.
Hab. Ceylon.
- nigriceps*, Kraatz, *l.c.*, p. 171.
Hab. India.
- nitidulus*, Gravenhorst, Micr. Brunsv., 1802, p. 107: Kraatz, Naturg. Ins. Deutschl., ii, p. 860.
angustatus, Stephens, Ill. Brit. Ent., v, 1832, p. 320. Britain.
picus, Schrank, Enum. Ins. Austr., 1781, p. 236. Austria.
" var., Paykull, Faun. Suec., iii, 1800, p. 384. Sweden.
ruficrus, Stephens, *l.c. supra*, p. 320. Britain.
rugulosus, Say, Trans. Amer. Phil., iv, 1834, p. 460. N. America.
Hab. N. America, Europe, India [*Ind. Mus., Leb.*].
- parasitus*, Motschulsky, Etud. Ent., viii, 1859, p. 69:
Hab. Ceylon.
- productus*, Walker, Ann. Mag. N. H., (3s.) ii, 1858, p. 205.
Hab. Ceylon.
- pulcher*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 173.
Hab. India.
- panoticeps*, Kraatz, *l.c.*, p. 176.
Hab. Ceylon.

dygmaeus, Kraatz, *l.c.*, p. 176.

pusillimus, Kraatz, *l.c.*, p. 177.

Hab. Ceylon, India.

rufis, Walker, *Ann. Mag. N. H.*, (3a.) ii, 1858, p. 205.

Hab. Ceylon.

rufus, Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 174.

Hab. Ceylon.

simplex, Motschulsky, *Etud. Ent.*, viii, 1859, p. 70.

Hab. Ceylon.

sparvus, Fauvel, *Ann. Mus. Civ. Gen.*, x, 1877, p. 203; *id.*, xiii, 1878, p. 496.

Hab. Java, Sumatra, New Caledonia, Australia, New Zealand.

tenuis, Motschulsky, *Etud. Ent.*, viii, 1859, p. 70.

Hab. India.

thoracicus, Motschulsky, *Bull. Mosc.*, xxx (4), 1857, p. 504; Kraatz, *Wieg. Arch.*, xxv (i), p. 175.

Hab. India.

varipennis, Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 172.

Hab. Ceylon.

Genus **THINODROMUS**.

Kraatz, *Naturg. Ins. Deutschl.*, ii, 1857, p. 866; *Mun. Cat.*, p. 651.

Trogophloeus, i, Erichson, *Col. Mark Brand.*, i, p. 599.

innatus (*Trogophloeus*), Motschulsky, *Bull. Mosc.*, xxx (4), 1857, p. 504.

Hab. India.

Genus **XEROPHYGUS**.

Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 172; *Mun. Cat.*, p. 651.

flavipes, Motschulsky, *Bull. Mosc.*, xxxiv (i), 1861, p. 143.

Hab. Ceylon.

pallipes, (*Trogophloeus*), Motschulsky, *l.c.* (4), 1857, p. 505; Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 172, t. 3, f. 1 a-b.

Hab. India.

Genus **TROGOPHLOEUS**.

Mannerheim, *Brachél.*, 1830, p. 49; Erichson, *Gen. Staph.*, p. 801; Lacord., *Gen. Col.*, ii, p. 118; Kraatz, *Naturg. Ins. Deutschl.*, ii, p. 868; Jacq. Duval, *Gen. Col.*, ii, p. 56, t. 21, f. 194; *Mun. Cat.*, p. 652; Leconte, *Trans. Amer. Ent. S.*, vi, p. 247; Sharp, *Trans. Ent. S. Lond.*, 1876, p. 397; *Biol. Centr. Amer. Col.*, i (2), p. 697; Leconte & Horn, *Class. Col.*, p. 103.

Anisammus, Gozis, *Recherche*, 1886, p. 14.

Orypalpus, Stephens, *Ill. Brit. Ent.*, v, 1832, p. 324.

Taenosema, Mannerheim, *Brachél.*, 1830, p. 50.

Teropalpus, pt, Solier, *Gay's Hist. Fis. Chill*, iv, 1851, p. 330; Lacord., *Gen. Col.*, ii, p. 154.

- exiguus*, Erichson, Käfer, Mark Brand., i, 1837, p. 604; Kraatz, Naturg. Inse., p. 877; Fauvel, Faun. Gall. Rhén., iii, p. 157.
impressus, Boisd. & Lacordaire, Faun. Paris, i, 1835, p. 467.
 Hab. Europe, Caucasus, Japan, Sumatra, Java, New Caledonia, Australia, Zanzibar, W. Africa.
- foveicollis*, Kraatz, Weigm. Arch., xxv (i), 1859, p. 180.
 Hab. India.
- indicus*, Kraatz, *l.c.*, p. 179.
 Hab. India, Ceylon, Annam, Java, Celebes, New Caledonia, Philippines.
- minimus*, Kraatz, *l.c.*, p. 180.
 Hab. Ceylon.
- scabrosus*, Kraatz, *l.c.*, p. 179.
 Hab. India.
- siamensis*, Fauvel, Rev. d'Ent., v, 186, p. 144; *id.*, Anz. Soc. Ent. Fr., (6a.) vi, 1886, p. 178.
 Hab. Siam, Sumatra, Java, Philippines.
- simplex*, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 505; Kraatz, Weigm. Arch., xxv, (i) 1859, p. 180; Fauvel, Ann. Mus. Civ. Gen., xiii, p. 190.
 Hab. India, Ceylon, Annam, Java, Celebes, Philippines, Australia.
- taprobanae*, Walker, Ann. Mag. N. H., (3a.) iii, 1859, p. 52.
 Hab. Ceylon.
- HOMALINI**—(*Omalides*) Lacord., Gen. Col. ii, 1854, p. 132; Jacq. Duval, Gen. Col., ii, p. 66; Mun. Cat., p. 657; Leconte & Horn, Class. Col., p. 103.

Genus **ARPEDIUM**.

- Erichson, Käfer, Mark Brand., i, 1837, p. 618; *id.*, Gen. Staph., p. 868; Lacord., Gen. Col., ii, p. 139; Jacq. Duval, Gen. Col., ii, p. 72, t. 72, f. 125; Mun. Cat., p. 662; Leconte & Horn, Class. Col., p. 104.
- pallens*, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 493; Kraatz, Weigm. Arch., xxv (i), p. 182.
 Hab. Bombay.

Genus **EUPIESTUS**.

- Kraatz, Weigm. Arch., xxv (i), 1859, p. 182; Mun. Cat., p. 662.
- sculpticollis*, Kraatz, *l. o. supra*, p. 182, t. 3, f. 4 a-b.
 Hab. Ceylon.

Genus **HOMALIUM**.

- Gravenhorst (*Omalium*), Micr. Bransv., 1802, p. 111; Erichson, Käfer Mark Brand., i, p. 628; *id.*, Gen. Staph., p. 874; Mun. Cat., p. 665; Fauvel, Faun. Gall. Rhénan., iii, p. 57; Sharp, Trans. Ent. S. Lond., 1876, p. 402; *id.*, Biol. Centr. Amer., Col., i (2), p. 744; Leconte & Horn, Class. Col., p. 104.

- Acrolocha*, Thomson, Skand. Col., i, 1859, p. 50 ; iii, p. 201.
Acrulia, Thomson, *l.c.*, i, p. 50 ; iii, p. 199.
Bhesothassa, Thomson, *l.c.*, i, p. 51 ; iii, p. 206.
Hagalarasa, Thomson, *l.c.*, i, p. 50 ; iii, p. 200.
Hypogyena, Mula & Bey, Ann. Soc. Linn. Lyon, xxvii, 1880, p. 274.
Omalium, Gravenhorst, *l.c. supra* : Lacord., Gen. Col., ii, p. 143 : Sharp,
l.c. supra : Jacq. Duval, Gen. Col., ii, p. 76, t. 26, f. 129.
Phloeonomus, Heer, Col. Helv., i, 1842, p. 174.
Phloeostiba, Thomson, *l.c. supra*, i, p. 51 ; iii, p. 206.
Phyllodrepa, Thomson, *l.c.*, i, p. 52 ; iii, p. 214.
Xylodromus, Heer, Col. Helv., i, 1842, p. 184.
- angulatum* (*Phloeonomus*), Motschulsky, Bull. Mosc., xxxiv (i), 1861, p. 142.
 Hab. Ceylon.
- filiforme*, Walker, Ann. Mag. N. H., (3 s.), ii, 1858, p. 205.
 Hab. Ceylon.
- obscurum*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 181.
 Hab. Ceylon.
- quadrifossulatum*, Motschulsky, Etud. Ent., 1859, p. 68.
 Hab. Ceylon.
- stipulare*, Kraatz, Wieg. Arch., xxv (i), 1859, p. 181.
 Hab. Ceylon, Sumatra, Celebes, New Caledonia.
- PIESTINI** :—(*Piestides*) Lacord., Gen. Col., ii, 1854, p. 124 : Mun. Cat., p. 674 :
 Fauvel, Faun. Gall. Rhén., iii, p. 14 ; Ann. Mus. Civ. Gen., xii, p. 184 : Leconte
 & Horn, Class. Col., p. 105.

Genus ELEUSIS.

- Lap. de Casteln., Etud. Ent., i, 1834, p. 131 : Lacord., Gen. Col., ii, p. 127 : Mun. Cat.,
 p. 675 : Fauvel, Ann. Mus. Civ. Gen., xii, p. 206 ; *id.*, Notic. Ent., vii, p. 17 ;
 Sharp, Trans. Ent. S. Lond., 1876, p. 410 ; *id.*, Biol. Centr. Amer., Col., i (2), p.
 728 : Leconte & Horn, Class. Col., p. 106.
Chasotom, Lap. de Casteln., Etud. Ent., 1835, p. 132.
Isomalus, pt, Erichson, Gen. Staph., 1840, p. 338 : Fauvel, Bull. Soc. Linn.,
 Norm., ix, 1864, p. 35 ; *id.*, Notic. Ent., ii, p. 31.
- fusciceps* (*Isomalus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 184.
 Hab. Ceylon.
- indica* (*Isomalus*), Kraatz, *l.c.*, p. 183 : Waterhouse, Trans. Ent. S. Lond., 1876,
 p. 14.
tennis (*Prognathus*), Walker, Ann. Mag. N. H., (5s.) iii, 1859, p. 52.
 Hab. India.
- Kraatzii, Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 207.
apicispennis (*Isomalus*), Kraatz, Wieg. Arch., xxv (i), 1859, p. 183 (*neo*
 Fairm.)
 Hab. Ceylon.

Genus **HOLOSUS**.

Motschulsky, Bull. Mosc., xxx (4), 1857, p. 496 : Mun. Cat., p. 676 : Kraatz, Wieg. Arch., xxv (i), p. 184 : Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 198.

conuriformis, Motschulsky, Bull. Mosc., xxx (4), 1857, p. 499 : Kraatz, *l.c. supra*, p. 185.

Hab. India.

resulatus (*Holotrochus* ?), Motschulsky, *l.c.*, p. 495 : Kraatz, *l.c.*, p. 185.

Hab. India.

foveolatus (*Holotrochus* ?), Motschulsky, *l.c.*, p. 496 : Kraatz, *l.c.*

Hab. India.

mycetoporiformis, Motschulsky, *l.c.* p. 500 : Kraatz, *l.c.*

Hab. India.

olisthaeriformis, Motschulsky, *l.c.*, p. 500 : Kraatz, *l.c.*

Hab. India.

tachiniformis, Motschulsky, *l.c.*, p. 498 : Kraatz, *l.c.*, p. 185, t. 3, f. 5 a. b.

Hab. India.

tachyporiformis, Motschulsky, *l.c.* p. 498 : Kraatz, *l.c.*

Hab. India.

Genus **THORACOPHORUS**.

Motschulsky, Bull. Mosc., xiii, 1840, p. 197 : Etud. Ent., 1859, p. 66 : Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 195 : Sharp, Trans. Ent. S. Lond., 1876, p. 418 ; *id.*, Biol. Centr. Amer., Col., i (2), p. 725 : Fauvel, Rev. d'Ent., viii, 1889, p. 244.

Glyptoma, pt, Erichson, Gen. Staph., 1840, p. 908 : Lacord., Gen. Col., ii, p. 148 : Motsch., Etud. Ent., 1859, p. 67 : Sharp, Biol. Centr. Amer., Col., i (2), p. 723.

Thoracophorus, Motschulsky, Bull. Mosc., x (5), 1837, p. 98 : t. 7, f. a : Mun. Cat. p. 677.

duplicatus, Fauvel, Ann. Mus. Civ. Gen., xii, 1878, p. 197.

Hab. Burma, Borneo, Aru Islands.

subnitidus, Motschulsky, Etud. Ent., 1859, p. 66.

Hab. India.

Genus **LISPINUS**.

Erichson, Gen. Staphyl., 1830, p. 1823, t. 5, f. 8-a : Lacord., Gen. Col., ii, p. 126 : Mun. Cat., p. 677 : Fauvel, Bull. Soc. Norm., ix, 1865, p. 44 : *id.* Not. Ent., ii, 1864, p. 40 : Ann. Mus. Civ. Gen., xii, 1878, p. 200 : Sharp, Trans. Ent. S. Lond., 1876, p. 411 ; Biol. Centr. Amer. Col., i (2), p. 718 : Leconte & Horn, Class. Col., p. 106.

brevicornis, Kraatz, Wieg. Arch., xxv (i), 1859, p. 187.

Hab. India.

coarcticollis, Kraatz, *l.c.*, p. 186, t. 3, f. 6.

Hab. India.

curticollis, Fauvel, *Ann. Mus. Civ. Gen.*, xii, 1878, p. 204.

Hab. Java, Island Ke.

fulvus, Motschulsky, *Bull. Mosc.*, xxx (4), 1857, p. 495.

Hab. Calcutta.

impressicollis, Motschulsky, *l.c.* p. 495 : Kraatz, *Wieg. Arch.*, xxv (i), 1859, p. 186.

Hab. India.

laevigatus, Kraatz, *Wieg. Arch.*, xxv, (i), 1859, p. 188.

Hab. Ceylon.

laevipennis, Kraatz, *l.c.*, p. 185.

Hab. Ceylon.

lineipennis, Fauvel, *Ann. Mus. Civ. Gen.*, xii, 1878, p. 202.

Hab. Java, New Guinea.

sculptus, Kraatz, *l.c. supra*, p. 188 : Fauvel, *Ann. Mus. Civ. Gen.*, xii, 1878, p. 196.

Hab. Ceylon.

strigiventris, Kraatz, *l.c. supra*, p. 186.

Hab. India.

subopaucus, Kraatz, *l.c.*, p. 187 : Fauvel, *Ann. Mus. Civ. Gen.*, xii, 1878, p. 203.

Hab. Ceylon, Aru Islands, Sumatra, New Guinea.

tenuicornis, Kraatz, *l.c.*, p. 187.

Hab. Ceylon.

testaceus, Kraatz, *l.c.*, p. 188.

Hab. Ceylon.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for transparency and accountability, particularly in financial reporting and auditing.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It covers both qualitative and quantitative approaches, highlighting the strengths and limitations of each.

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4. The fourth part of the document addresses the challenges of data integration and interoperability. It explores the complexities of combining data from different sources and the need for standardized protocols and formats.

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7. The seventh part of the document provides a summary of the key findings and conclusions of the study. It emphasizes the need for continued research and innovation in the field of data science and analytics.

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9. The ninth part of the document contains a glossary of key terms and definitions, ensuring clarity and consistency throughout the document.

10. The tenth part of the document includes an appendix with additional data, figures, and tables, providing supplementary information to support the main text.

11. The eleventh part of the document provides a detailed index, allowing readers to quickly locate specific topics and sections within the document.

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