

VIII 164.

NEW SERIES.

VOL. LVIII.

CCXCV.

JOURNAL OF THE ASIATIC SOCIETY OF BENGAL.

Vol. LVIII, Part II—1889.

SUPPLEMENT, No. 1.

EDITED BY

J. WOOD-MASON, ESQ.

VICE-PRESIDENT.



“The bounds of its investigation will be the geographical limits of Asia : and within these limits its inquiries will be extended to whatever is performed by man or produced by nature.”—SIR WILLIAM JONES.

*** Communications should be sent under cover to the Secretaries, Asiat. Soc., to whom all orders for the work are to be addressed in India ; or, in London, care of Messrs. Trübner and Co., 57 & 59, Ludgate Hill.*

¹³ CALCUTTA :

PRINTED AT THE BAPTIST MISSION PRESS,

AND PUBLISHED BY THE

ASIATIC SOCIETY, 57, PARK STREET.

1890.

Price (exclusive of postage) to Subscribers, Rs. 2.—To Non-Subscribers, Rs. 3.

Price in England, 5 Shillings.

Issued January 17th, 1890.

CONTENTS.

	<i>Page</i>
I.— <i>Catalogue of the Insecta of the Oriental Region. No. 1. Order Coleoptera, Family Cicindelidæ.—By E. T. ATKINSON, B. A....</i>	1
II.— <i>Catalogue of the Insecta. Order Rhynchota. Suborder Hemiptera-Heteroptera. Family Capsidæ.—By E. T. ATKINSON, B. A.</i>	25

SEP 8 1890

JOURNAL
OF THE
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.

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 typos being in the Indian Museum.

Family **CICINDELIDÆ.**

Latroille, Gen. Crnst. et Ins., i, 1806, p. 172 : Leach, Edinb. Enc., ix (i), 1815, p. 57 : Lacordaire, Gen. Col., i, 1854, p. 1 : Schaum, Naturg. Dentsch. Ins., i (i), 1856 : Chand., 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.

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

Chand. Mon.—Monograph of the genus '*Collyris*' in Annales de la Société entomologique de France, (4 ser.), iv, 1864, pp. 433-536.

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.—'Natarsystem allerbekanntesten in- und ausländischen 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.—'Famille Coleopterorum Birmanica,' 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 : Dokhtoureff, Rev. Mens. d'Ent., i, 1883, p. 66.

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

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

Antennaria, Dokhtoureff, 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, Dokhtoureff, 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.

Cratohaerea, Chaudoir, Bull. Mosc., xxiii (1), 1850, p. 13.

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

Ellipsoptera, Dokhtoureff, 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, Dokhtouroff, Rev. Mens. d' Ent., i, 1883, p. 69.
Habrodera, Motsch., Et. Ent., 1862, p. 22.
Habroscelimorpha, Dokhtouroff, Rev. Mens. d' Ent., i, 1883, 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. 28.
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, Chandoir, 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. ?
Thopentica, Chandoir, 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*, Chandoir, Bull. Mosc., xxv (i), 1852, p. 10.
 Hab. N. India [*Ind. Mus.*, Simla].
- amurensis*, Morawitz, Bull. Acad. Imp. St. Petersb., v, 1862, p. 238 ; Bates, Trans. Ent. S. Lond., 1873, p. 227 : 1883, p. 215.
 ? *Elisae*, Motsch., Bull. Mosc., xxxii (2), 1859, p. 487.
 Hab. Yangtse Valley in China, Japan, Manchuria Ussuri.
- analisa*, Fabr., Syst. Eleuth., i, 1801, p. 236 ; Lap. de Casteln., Hist. Nat. i, p. 20 : Chand. 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, Nága Hills, Sikkim].
- atelesta*, Chandoir, Bull. Mosc., xxvii (i), 1854, p. 115.
imperfecta, Chand., *l. c.*, xxv (i), 1852, p. 8.
 Hab. N. India, Simla.

- aurofasciata*, Dojean, Spec. v, 1831, p. 224.
Hab. India, Coromandel.
- aurulenta*, Fabr. Syst. Elenth., i, 1801, p. 239; Dejean, Spec., i, p. 46.
Duponti, Dojean, Spec. ii, 1826, p. 419.
flavomaculata, Chevrol., Rev. Zool., 1845, p. 95.
Hab. Java, Sumatra, Cochinchina, 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, Arch. Mns., i, 1839, p. 135, t. 9, f. 3.
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, Thnnberg, Nov. Ins. Spec., 1781, p. 26, f. 40.
Hab. India, Colombo (Bates) [*Ind. Mus.*, S. India, Travancore, Madras, Kánara, Andaman Islands, Arakan, Chittagong, Snndarbans].
- borneana*, Dokhtonroff, Rev. Mens. d' Ent., 1883, p. 40.
Hab. Borneo.
- bramani*, Dokhtouroff, *l. c.*, 1882, p. 262.
Hab. Cochinchina.
- 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, Arch., p. 115, t. 27, f. 14.
Hab. India, Colombo (Bates) [*Ind. Mus.*, Berhampur].
- cathaica*, 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*, Thnnberg, Nov. Ins. Spec., i, 1781, p. 25, t. 1, f. 39.
Hab. China, Hongkong to Yang-tse, Japan.
- chloris*, Hope, Gray Zool. Misc., 1831, p. 21.
assimilis, Hope, l. c., p. 21.
himalayica, Redten., Hügel Kasch., iv (ii), 1848, p. 497, t. 23, f. 1.
Hab. Nepál, Kashmir [*Ind. Mus.*, Yunnan, Tenasserim, Pegu, Sibságár, Sikkim].
- chlorochila*, Chandoir, Bnl. Moso., xxv (i), 1852, p. 26.
Hab. China, Hongkong.
- chloropleura*, Chandoir, Cat. Coll., 1865, p. 59.
Hab. N. India.
- cinctella*, 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*, Chandoir, Bull. Mosc., xxv (i), 1852, p. 7; see Schaum,
Journ. Ent. ii, p. 63.
Hab. N. India, Bengal, Madras.
- conicollis*, Schann, 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*, Pntzeys, C. R. 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. R. 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, ol. ix, t. 97.
 Hab. Deccan.
- dolens*, Fleutiaux, Bull. Soc. Ent. Fr., (6 s.) vi, 1886, p. cxi.
 Hab. Bombay.
- dromicoides*, Chandoir, 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*, Chandoir, Cat. Coll., 1865, p. 56.
 Hab. Cochinchina.
- excisa*, Schann, 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, Fann. 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.
- filigera*, Bates, Cist. Ent., ii, 1878, p. 332.
 Hab. Borneo.

- flammulata*, Quedenf., Berlin. Ent. Zeits. xxvii, 1883, 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*, Schann, 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. 1798, p. 62.
Hab. India.
- goryi*, Chaudoir, Bnll. 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, Bnll. 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 : Gnérin, Mag. Zool., 1835, cl. ix, t. 131.
Hab. ? Indian Archipelago, Oceania.
- gyllenhali*, 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.
quadrinaculata, 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 Mun. Cat., p. 18.
 var. *palpalis*, Dokhtourof, Hor. Ent. Soc. Ross., xxii, 1887, p. 139.
 Hab. China.
- Hopei**, Parry, Trans. Ent. S. Lond., iv, 1845, p. 84.
variipes (*Aenictomorpha*), Chandoir, Bull. Mosc., xxiii (i), 1850, p. 11.
 Hab. Assam, N. India.
- intermedia**, Chandoir, 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].
- kaleea**, Bates, Proc. Zool. S. Loud., 1866, p. 340: *id.*, Trans. Ent. S. Lond., 1873, p. 32-3.
 Hab. Formosa, Fuchow, Shaughai, [*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**, Chandoir, Bull. Mosc., xxv (i), 1852, p. 12.
 Hab. Simla.
- limbata**, Wied., Zool. Mag., ii (i), 1823, p. 65.
traspilota (*Euryoda*), Chandoir, Bull. Mosc., xxv (i), 1852, p. 29.
 Hab. Bengal [*Ind. Mus.*, Jhelam valley].
- limosa**, Saunders, Trans. Ent. S. Loud., 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**, Chandoir, 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.
- macilentata**, Schaum, Berlin, Ent. Zeits., 1862, p. 178, ♀.
 ? *elaphroides*, Dokhtourof, Rev. d' Ent., 1882, p. 261.
 Hab. Philippines, Luzon.
- mandarina** (Chandoir), Fluctiaux, C. R. Soc. Ent. Belg., 1886, p. lxxxviii: 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, Dejoan, 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.
 ? *India*, Dejoan, 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, Borliu. Ent. Zeits., 1862, p. 173.
 Hab. Philippines, Luzon.
- minuta*, Fabr., Ent. Syst., i, 1775, p. 178 : Oliv. Ent., ii, 33, 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.
Prinsepii, Saunders, Trans. Ent. S. Lond., i, 1834, p. 65, t. 7, f. 7.
pumila, Dejean, Spec., ii, 1826, p. 425.
 ? *tremebunda*, Mac Leay, Annul. Javan. (ed. Lequien), 1833, p. 107 : see
 Schaum, Journ. Ent., ii, p. 62, 68.
 Hab. Java, Akra (Calcutta), [*Ind. Mus.*, Malda, S. India].
- Mouhoti*, Chaudoir, Cat. Coll., 1865, p. 60.
 Hab. Laos.
- multiguttata*, Dejean, Spec., i, 1825, p. 109.
 Hab. India.
- nana*, Schaum, Berlin. Ent. Zeits., 1862, p. 177.
 Hab. Philippines, Luzon.
- nitida*, Wied., Gormar Mag. Ent., iv, 1821, p. 117 ; Dejoan, Spec., i, p. 91.
venosa, Kollar, Ann. Wien. Mus., i, 1836, p. 331.
 Hab. India.
- nivicincta*, Chevrolat, Rev. Zool., 1845, p. 98.
 Hab. Macao, [*Ind. Mus.*, Hongkong, Pegu].
- octogramma*, Chaudoir, Bull. Moso., xxv (i), 1852, p. 4.
 Hab. India, Dinapur, [*Ind. Mus.*, Tonasserim, Pogu, Sibságar, Sinkip Island].
- octonotata*, Wied., Zool. Mag., i (3), 1819, p. 168 : Dejoan, Spec., i, p. 45.
 Hab. Bengal.
- olivia*, Bates, Cist. Ent., ii, 1878, p. 330.
 Hab. India, Moradabad (N. W. P.).
- phalangioides*, Schmidt Goebel, Fann. Col. Birm., 1846, p. 8, t. 1, f. 5.
 Hab. Burm. [*Ind. Mus.*, Pegu].
- picta*, (*Parmecus*), Motsch., Bull. Mosc., xxxvii (3), 1864, p. 173.
 Hab. India.
- posticalis*, White, Ann. Mag. N. H., xiv, 1844, p. 173.
 Hab. Hongkong [*Ind. Mus.*, Hongkong].

- princeps**, Vigors, *Zool. Journ.*, i, 1824, p. 413, t. 15, f. 1.
crucigera, Hope, *Col. Man.*, ii, 1838, p. 162, t. 1, f. 2.
 ? *Goryi*, Chaudoir, *q. v.*
 Hab. India, Coromandol, Deccan [*Ind. Mus.*, S. India, Nilgiris].
- proxima**, Chaudoir, *Bull. Mosc.*, xxxiii (iv), 1860, p. 325.
 Hab. N. India.
- psammodroma**, Chevrolat, *Rev. Zool.*, 1845, p. 97.
 Hab. Macao [*Ind. Mus.*, Hongkong].
- psilica**, Batos, *Proc. Zool. S. Lond.*, 1866, p. 341.
 Hab. Formosa.
- pulchella**, Hope, Gray, *Zool. Misc.*, 1831, p. 21.
 Hab. Nepál.
- quadrilineata**, Fabr., *Spec. Ins.*, i, 1781, p. 285: Oliv., *Ent.*, ii 33, p. 25, t. 1, f. 8
a-b: Dejean, *Spec.*, i, p. 132.
 Hab. India, Colombo (Bates), [*Ind. Mus.*, Arakan].
- quadripunctata**, Fabr., *Syst. Eleuth.*, i, 1801, p. 239: Dejean, *Spec.*, i, p. 36.
quadrignitata (Quens.), Schonh., *Syn. Ins.*, i, 1806, p. 244.
 Hab. Java.
- reducta**, Motsch., *Et. Ent.*, 1859, p. 25.
 Hab. India.
- rugosiceps**, Chaudoir, *Cat. Coll.*, 1865, p. 57.
 Hab. India, Malabar.
- scrobiculata**, Wied., *Zool. Mag.*, ii (i), 1823, p. 65.
 Hab. Bengal.
- semicineta**, Brullé, *Silb. Rev.*, ii, 1834, p. 100.
hemicycla, Montr., *Ann. Soc. Linn. Lyon*, vii, 1857, p. 7: *Ann. Soc. Ent. Fr.*,
 1860, p. 233.
interrupta, Fabr., *Syst. Elouthe.*, i, 1801, p. 243 (*nec. Syst. Ent.* p. 225).
semicineta, Chaudoir, *Bull. Mosc.*, xxvii (i), 1854, p. 117.
 Hab. Australia, New Caledonia, Java.
- sexpunctata**, Fabr., *Syst. Ent.*, 1775, p. 229: Oliv., *Ent.*, ii, 33, p. 24, t. 1, f. 6;
 Dejean, *Spec.*, i, p. 47.
 Var. *aurovittata*, Brullé, *Arch. Mns.*, i, p. 127, t. 8, f. 3.
 Hab. India, Pondichery [*Ind. Mus.*, S. India, Bangalore, Sittang valley, Arakan
 Sikkim, Malda, Calcutta, Andaman Islands].
- Shivah**, Parry, *Trans. Ent. S. Lond.*, v, 1848, p. 80, t. 11, f. 2.
 Hab. India, Silhat.
- Solskyi**, Dokhtouroff, *Rev. Mons. d'Ent.*, i, 1882, p. 275.
 Hab. Malacca.
- striatifrons**, Chaudoir, *Bull. Mosc.*, xxv (i), 1852, p. 12.
 Hab. India.

- striolata*, Illiger, Wied. Arch., i (ii), 1800, p. 114, No. 10.
semivittata, Fabr., Syst. Eleuth., i, 1801, p. 237: Schmidt Goebel, Faun. Col. Birm., p. 3, t. 1, f. 2: Schaum, Jl. Ent., ii, p. 64.
taliensis, Fairm., Lo Natur., 15 Feb., 1886: Ann. Soc. Ent. Fr., (6 s.), vi, 1886, p. 305.
Vigorsii, Dejean, Spec., v, 1831, p. 223.
 Var. *dorsolineolata*, Chevrolat, Rev. Zool., 1845, p. 95.
 Hab. N. India, Sumatra, Java, Celebes, Macao, Hongkong, Philippines [*Ind. Mus.*, Sikkim, Pegu].
- sumatrensis*, Herbst, Natursyst. Ins., Käfer, pt. x, 1806, p. 179, t. 172, f. 1.
arcuata, Kollar, Ann. Wien. Mus., i, 1836, p. 330.
Boyeri, Blanchard, Voy. Polo Sud, iv, 1853, p. 4, t. 2, f. 2.
catena, Thunb., Nov. Ins. sp., 1781, p. 26, f. 41, *nec* Fabr.
Leguillouvi, Guérin, Rev. Zool., 1841, p. 120.
 Var. *niponensis*, Bates, Trans. Ent. S. Lond., 1883, p. 216.
 Hab. India, Ceylon, Java, Sumatra, Borneo, Philippines, Japan, [*Ind. Mus.* Middle China].
- superba*, Kollar, Ann. Wien. Mus., i, 1836, p. 332.
elegans, Dejean (*nec* Fischer), Spec., i, 1825, p. 144.
versicolor, MacLoay, Annul. Javan., 1825, p. 11.
 Hab. Sumatra, Java, [*Ind. Mus.*, Java].
- Swinhoei*, Bates, Cist. Ent., ii, 1878, p. 332.
 Hab. Formosa.
- tenuipes*, Dejean, Spec, ii, 1826, p. 429: Guérin, Ic. Regne Anim., 1842-49, Ins., p. 18, t. 3, f. 7.
 Hab. Cochinchina.
- terminata*, Dejean, Spec., i, 1825, p. 142; *id.*, 1826, p. 173: Schaum, Berlin. Ent. Zeits., 1860, p. 180.
 Hab. Philippines, Luzon.
- tetragrammica*, Chaudoir, Cat. Coll., 1865, p. 58.
 Hab. India, Malabar.
- tetrasticta*, Wied., Zool. Mag., ii (i), 1823, p. 65.
colon, Klug, Jahrb. Ins., 1834, p. 11: Brullé, Arch. Mus., i, p. 123, t. 7, f. 9.
 Hab. Bengal, [*Ind. Mus.*, Bír bhúm].
- thibetana*, Blanchard, C. R. Ac. Sci. Paris, lxxii, 1871, p. 812.
 Hab. Tibet.
- tricondyloides*, R. Gestro, Ann. Mus. Civ. Gen., vi, 1875, p. 304.
 Hab. Borneo, Sarawak.
- tritoma*, Schmidt Goebel, Faun. Col. Birm., 1846, p. 3, t. 1, f. 3, ♂.
 Hab. Burma [*Ind. Mus.*, Pegu].
- undulata*, Dejean, Spec., i, 1825, p. 94.
speculifera, Chaudoir, Rev. Zool., 1845, p. 96, ♀: Bates, Trans. Ent. S. Lond., 1873, p. 228.
 Hab. India, China, Hongkong, Japan, [*Ind. Mus.*, N. China].

- velata*, Bates, Ent. Mon. Mag., ix, 1872, p. 50.
Hab. N. Borneo.
- viduata*, Fabr., Syst. Eleuth., i, 1801, p. 242.
myrrha, Thomson, Arch. Ent., i, 1857, p. 129.
triguttata, Herbst, Naturg. Ins., Käfer, pt. x, 1806, p. 182, t. 172, f. 5.
Var. *holosericea*, Fabr., Syst. Eleuth., i, 1801, p. 243.
Hab. Sumatra, Java, Borneo, Celebes.
- vigintiguttata*, Herbst, Natursyst. Ins., Käfer, pt. x, 1806, p. 174, t. 171, f. 9 :
Dojoan, Spcc., i, p. 108.
Hab. India [*Ind. Mus.*, W. Bengal, Pankabari, Sikkim].
- virginia*, Schaum, Berlin. Ent. Zeits., 1860, p. 181.
Hab. Philippines, Luzon.
- viridilabris*, Chandoir, Bull. Mosc., xxv, (i), 1852, p. 24 : Bates, Ann. Mag. N. H.
(5 s.), xvii, 1886, p. 70.
Hab. India, Colombo, Anarajapura.
- vittigera*, Dejean, Spec., i, 1825, p. 107 ; Rodten., Reise Novara, Col., p. 1.
Hab. India, Bengal.
- Whithillii*, Hope, Col. Man., ii, 1838, p. 23 : Stettin. Ent. Zeit. xl, p. 456 ; xliii,
p. 310.
Hab. Bombay.
- yunnana*, Fairmaire Ann. Soc. Ent. Belg., xxxi, 1887, p. 88.
Hab. Yunnan.
- Chloe* (Laferté) Dokhtouroff, Ann. Soc. Ent. Belg., xxxi, 1887, p. 156.
Hab. India.
- Davidis*, Fairmaire, Ann. Soc. Ent. Belg., xxxi, 1887, p. 88.
Hab. Moupin, N. Tibet.
- Desgodinsii*, Fairmaire, l. c., p. 87.
Hab. Yunnan, Tibet.

Genus **PRONYSSA.**

- Bates, Ent. Mon. Mag., x, 1874, p. 267.
- nodicollis*, Bates, l. c., p. 267.
Hab. Darjiling [*Ind. Mus.*, Mungphn, Sikkim].

Genus **ODONTOCHILA.**

- Lap. de Casteln., Silb. Rev., ii, 1834, p. 34 : Lacordaire, Gen. Col., i, p. 22 : Mun.
Cat., p. 30.
Odontocheila, Lap. de Casteln., l. c. *supra*.
Phyllodroma, Lacordaire, Gen. Col., i, 1854, p. 23.
Plochicera, Hope, Col. Man., ii, 1838, p. 18.
- heteromalla*, MacLeay, Annul. Javan. (*ed. Leq.*), 1833, p. 107 : van. d. Lind. Ess.
Ins. Java, p. 10.
ignicollis, Lacordaire, Mém. Liège, i, 1843, p. 109.
Hab. Java, Célobes.

lucidicollis, Chaudoir, Rev. Mag. Zool., (2 s.), xxi, 1869, p. 23.
Hab. Philippines.

Genus **MEGALOMMA.**

Westwood, Ann. Mag. N. H., viii, 1841, p. 203 : Lacordaire, Gen. Col., i, p. 23 :
Mun. Cat., p. 31.

Physodeutera, Lacordaire, Mém. Soc. Roy. Sci. Liège, i, 1843, p. 111.

viridulum, Schönherr, Syn. Ins., i, 1806, p. 243 ; Dejean, Spec., i, p. 149 ; Lap. de
Casteln. Hist. Nat. Ins. i, p. 20 : Schaum, Journ. Ent., ii, p. 69.

vigilans, Westw., Ann. Mag. N. H., viii, 1841, p. 204.

Hab. India, Mauritius.

Genus **APTEROESSA.**

Hope, Col. Man., ii, 1838, p. 159 : Lacord. Gen. Col., i, p. 24 : Mur. Cat., p. 32.

grossa, Fabr., Spec. Ins., i, 1781, p. 282 : Oliv. Ent., ii, 33, p. 8, t. 2, f. 23 ; Hübner,
Naturf., xxiv, p. 48, t. 2, f. 18 : Hope, *l. c. supra*, p. 159, t. 1, f. 1.

Hab. India, Coromandel.

Genus **JANSENIA.**

Chaudoir, Cat. Coll., 1865, p. 55 : Mun. Cat., p. 33.

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

Hab. India, Malabar.

Westermanni, Schaum, Berlin. Ent. Zeits., 1861, p. 75.

Hab. India, Madras.

Genus **DROMICIDIA.**

Chaudoir, Cat. Coll., 1865, p. 54 : Mun. Cat., p. 34.

scrobiculata, Wied., Mag. Zool. ii (i), 1823, p. 65.

Hab. Bengal.

Genus **THERATES.**

Latreille, Regno Anim. (*ed.* 1), iii, 1817, p. 179 : Lacord. Gen. Col., i, p. 28 : Mun.
Cat., p. 34 : Schaum, Berlin. Ent. Zeits., iv, 1860, p. 182 ; vii, 1863, p. 67.

Eurychile, Bonelli, Mém. Acad. Turin., xviii, 1813, p. 236.

Batesi, Thomson, Arch. Ent., i, 1857, p. 131 : Schaum, Berlin. Ent. Zeits., 1860,
p. 185.

Hab. Borneo.

bellulus, Bates, Ent. Mon. Mag., viii, 1872, p. 286.

Hab. Philippines.

caligatus, Bates, *l. c.*, p. 285.

Hab. Philippines.

- Chennelli**, Bates, Cist. Ent., ii, 1878, p. 335.
Hab. Naga Hills (Assam).
- coeruleus**, Latroille, Ic., i, 1822, p. 64, t. 1, f. 2.
javanicus, Gory, Mag. Zool., 1831, t. 39.
Hab. Java, New Guinea.
- coracinus**, Erichs., Nov. Acta Leop. xvi, Supp., 1834, p. 219: Klng, Jahrb., i, p. 43 :
Schaum, Berlin. Ent. Zeits., iv, 1860, p. 183.
fulvipennis, Chaudoir, Bull. Mosc., xxi (i), 1848, p. 15: Schaum, Berlin.
Ent. Zeits., 1860, p. 183.
Hab. Philippines, Luzon.
- dimidiatus**, Dejean, Spec., i, 1825, p. 159: Schaum, Berlin. Ent. Zeits., 1860, p. 186.
humeralis, MacLeay, Annul. Javan., 1825, p. 11; Schaum, Berlin. Ent.
Zeits., 1860, p. 186.
Var. *Dejeani*, Chaudoir, Ann. Soc. Ent. Fr., (4 s.), i, 1861, p. 410: Schaum, *l. c.*
supra, 1862, p. 180.
Hab. Java.
- 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. Elcuth., i, 1801, p. 244: Schaum, Berlin, Ent. Zeit. 1863, p. 67.
Var. *flavilabris*, Fabr., *l. c.*, p. 244: Schaum, *l. c. supra*, 1860, p. 184.
,, *vigilar*, 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.
sumatrensis, Putzeys, Notos Loyden Mus., ii, 1880, p. 191; Midd. Sumatra,
iv. p. 6, t. 2, f. 1, *teste*, Ritsema, Notes Loyden Mus., vi, p. 134.
Hab. Singapur, Sumatra.
- Semperi**, Schaum, Berlin. Ent. Zeits., 1860, p. 185, t. 3, f. 2, ♀.
manillicus, Thomson, Mus. Scient., 1860, p. 42.
Hab. Philippines, Luzon, Manilla.
- spectabilis**, Schaum, Berlin. Ent. Zeits., 1863, p. 68, t. 3, f. 1.
Hab. Borneo.
- spinipennis**, Latroille, Ic. Col. Eur., 1822, p. 64, t. 1, f. 3. ♂: Chaudoir, Bull. Mosc.,
xxi, (i), 1848, p. 16.
acutipennis, Vanderlinden, Ess. Ins. Jav. (in Mém. Acad. Brux., v. p. 27)
1821, sep. p. 18, ♂: Dejean, Spec., v, p. 273, ♀.

versicolor, Bates, Cist. Ent., ii, 1878, p. 334.

Hab. N. W. Borneo.

Wallacei, Thomson, Arch. Ent., 1857, p. 131: Schaum, Berlin. Ent. Zeits., 1860, p. 186.

Hab. Borneo, Sarawak.

Genus **TRICONDYLA.**

Latreille, Règne Anim., (ed. 1), iii, 1817, p. 179: Lacord., Gen. Col., i, p. 28: Mun. Cat., p. 35: Schaum, Berlin. Ent. Zeits., v, 1861, p. 75; vi, 1862, p. 182; Journ. Ent., ii (1863), 1866, p. 69.

Derocrania, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 297.

annulicornis, Schmidt Goebel, Faun. Col. Birm., 1846, p. 10: Berlin. Ent. Zeits., 1862, p. 184.

Hab. Burma.

Beccarii, R. Gestro, Ann. Mus. Civ. Gen., vi, 1875, p. 306.

Hab. Borneo, Sarawak.

brunnea, Dokhtouroff, Rev. Mens. d'Ent., i, 1883, p. 13.

Hab. Sumatra.

brunnipes, Motschulsky, Bull. Mosc., xxxvii, (3), 1864, p. 179.

Hab. Philippines.

cavifrons, Schaum, Berlin. Ent. Zeits., 1862, p. 182.

Hab. Philippines, Luzon.

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

Hab. Ceylon, Kandy (Bates).

conicicollis, Chaudoir, l. c. xvii (3), 1844, p. 458; id., xxiv (2), 1861, p. 359.

Hab. Philippines.

coriacea, Chevrolat, Rev. Zool., 1841, p. 221: Chand. Bull. Mosc., xxxiv (2), 1861, p. 359.

Hab. Ceylon, Trincomalee.

cyanea, Dejean, Spec. i, 1825, p. 161.

Hab. Java, Borneo.

cyanipes, Eschsch., Zool. Atlas, i, 1829, p. 6, t. 4, f. 2: Dejean, Spec., v, p. 274; l. c., i, p. 57, t. 6, f. 7: Chand., Bull. Mosc., xxxiv (2), 1861, p. 359.

Hab. Philippines.

Dohrnii, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 297.

Hab. Ceylon.

Doriae, R. Gestro, Ann. Mus. Civ. Gen., vi, 1875, p. 306.

Hab. Borneo, Sarawak.

femorata, Walker, Ann. Mag. N. H. (3 s.), ii, 1858, p. 202.

rugosa, Chaudoir, Ann. Soc. Ent. Fr., (4 s.), iii, 1863, p. 447.

Hab. Ceylon.

- gibba*, Chaudoir, Bull. Mosc., xxxiv (4), 1861, p. 358.
Hab. Cambodia.
- gibbiceps*, Chaudoir, l. c. xxxiii (4), 1860, p. 298.
Hab. Ceylon.
- granulifera*, Motsch., Et. Ent., 1857, p. 110, f. 3.
Hab. Ceylon, Colombo.
- macrodera*, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 300.
Hab. N. India, [*Ind. Mus. Sikkim, Cachár, Sibságar, Pegu*].
- Mellyi*, Chaudoir, l. c., xxiii (i), 1850, p. 17.
Hab. N. India, Sub-Himálaya.
- nematodes*, Schaum, Journ. Ent., ii (1863), 1866, p. 61, t. 4, f. 1.
Hab. Ceylon, Bogawantalawa (Bates).
- Nietneri*, Motsch., Et. Ent., 1859, p. 25; 1862, p. 23.
laevigata, Chaud., Bull. Mosc., xxxiii (4), 1860, p. 299, ♀.
rhabdioides, Schaum, Berlin. Ent. Zeits., v, 1861, p. 75, ♂ : Journ. Ent., ii,
p. 71.
var. *obscuripes*, Bates, Ann. Mag. N. H. (5 s.), xvii, 1886, p. 70.
Hab. Ceylon, Bogawantalawa, Balangoda (Bates).
- ovicollis*, Motsch., Bull. Mosc., xxxvii (3), 1864, p. 178.
Hab. Philippines.
- pedestris*, Klug, Jahrb., 1834, p. 44 : Schaum, Berlin. Ent. Zeits., 1861, p. 77 :
Chaud., Bull. Mosc., xxxiii (4), 1860, p. 299 ; xxxiv (2), 1861, p. 360.
aptera, var., Schaum, Journ. Ent., ii (1868), 1866, p. 70.
atrata, Brullé, Hist. Nat. Ins., iv, 1834, p. 106.
cyanea, var., Vanderlinden, Ess. Ins. Jav., 1821, p. 27.
var. *Chevolati*, Lap. de Casteln., Silb. Rev., ii, 1834, p. 38 ; *id.*, Et. Ent., p. 39 :
Arch. Mus., 1, t. 9, f. 9.
,, *varicornis*, Chaudoir, Ann. Soc. Ent. Fr., (4 s.), i, 1861, p. 139 : Schaum,
Berlin. Ent. Zeits., 1862, p. 184.
,, *violacea*, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 302.
Hab. Java, Celebes, Amboina, Ceram, Philippines.
- planiceps*, Schaum, Berlin. Ent. Zeits., 1862, p. 181.
Hab. Philippines.
- pulchripes*, White, Ann. Mag. N. H., xiv, 1844, p. 422.
Hab. Cochin China, Hongkong.
- punctipennis*, Chevrolat, Rev. Zool., 1841, p. 221 : Chaud., Bull. Mosc., xxxiii (4)
1860, p. 300.
var. *globicollis*, Chaud., Bull. Mosc., xvii (3), 1844, p. 456 ; *id.*, xxxiii (4), 1860,
p. 300.
,, *vicina*, Chaud., l. c., p. 457.
Hab. Philippines.
- 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. Moso., xxxiii (iv), 1864, p. 301.
Hab. India, ? China.

tumidula, Walker, Ann. Mag. N. H., (3 s.), iii, 1858, p. 50.
Hab. Ceylon.

ventricosa, Schaum, Berlin. Ent. Zeits., 1862, p. 180.
Hab. Philippines.

Wallacei, Thomson, Arch. Ent., 1857, p. 132.
crebrepunctata, Chaudoir, Rev. Mag. Zool., (2 s.), xv, 1863, p. 111.
Hab. Malacca, Borneo. [*Ind. Mus.*, Sinking Island].

Genus COLLYRIS.

Fabr., Syst. Eleuth., 1801, p. 226 : Lacord., Gen. Col. i, p. 29 : Mnn. Cat., p. 36
Chaudoir, *Monograph*, Ann. Soc. Ent. Fr., (4 s.), iv, 1864, p. 483.

Collyris, Latreille, Hist. Nat. Anim. sans vertèbr., iv, 1817, p. 677.

abbreviata, Motsch., Bull. Moso., xxxiii (4), 1860, p. 178.
Hab. Java.

acrolia, Chaudoir, Bull. Mosc., l. c., p. 288 ; *id.*, *Mon.*, p. 520, t. 8, f. 17 : Schaum
Berlin. Ent. Zeits., vi, 1862, p. 173.
Hab. Philippines, Luzon.

albitarsis, Erichson, Nova Acta Nat. Cur., xvi, 1834, p. 220 : Chand., *Mon.*, p. 511.
femorata, Westw., Proc. Zool. S. Lond., 1837, p. 126.
Hab. Philippines.

amoena, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 295 : *Mon.*, p. 527.
Hab. N. India.

andamana, Bates, Cist. Ent., ii, 1878, p. 335.
Hab. Andaman Islands. [*Ind. Mus.*, Andaman, Islands].

apicalis, Chaudoir, Rev. Zool., (2 s.), xvi, 1864, p. 105 ; *id.*, *Mon.*, p. 517.
Hab. Malacca.

Arnoldi, MacLeay, Annul. Javan., 1825, p. 10 : Chand., *Mon.*, p. 528, t. 9, f. 20.
elegans, Vander Lindon, Ess. Ins. Java, 1821, p. 23 : Lap. de Casteln., Hist.
Nat. Ins., i, p. 25.
Hab. Java.

attenuata, Redtenb., Hügel Kaschm., iv (2), 1844, p. 498 : Chaud., *Mon.*, p. 523
t. 9, f. 19, 19a.
Hab. Kashmir, Simla. [*Ind. Mus.*, Sikkim].

Arnoldi Guérin, Voy. Belanger, Ins., 1834, p. 48, t. 2, f. 1 : Lap. de Casteln., Hist.
Nat. Ins., i, t. 2, f. 7 : Chand., *Mon.*, p. 503, t. 7, f. 7.

Var. *obscura*, Lap. de Casteln., Et. Ent., 1834, p. 40, t. 1, f. 2.

„? *ruficornis*, Brullé, Arch. Mus., i, 1839, p. 139.

Hab. Java. [*Ind. Mus.*, Dhansiri valley].

- oviceps*, Klug, Jahrb. Ins., 1834, p. 35 : Chaud., *Mon.*, p. 491.
longicollis, Herbst, *Natursyst. Ins.*, Käfer, pt. x, 1806, p. 215, t. 173, f. 9
 (nec Fabr.).
 Hab. India, Mysore [*Ind. Mns.*, Sikkim].
- ceylonica*, Chaudoir, *Mon.*, p. 529.
 Hab. Ceylon, Bogawantalawa (Bates).
- chloroptera*, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 294 ; *id.*, *Mon.*, p. 522.
 Hab. Singapur, Sumatra.
- onicollis*, Motsch., Bull. Moso., xxxvii (3), 1864, p. 176.
 Hab. India.
- 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.
pleuritica, 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. 13.
 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,
- filiformis, 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, Cochinchina.
- 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.
- impressifrons, Chaudoir, *Mon.*, p. 500.
Hab. Cochinchina. [*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. 528.
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*, Latroille, 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.
Diarci, 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.
- nicricornis*, 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 (1), 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.
- subclavata*, Chaudoir, Bull. Mosc., xxxiii (4), 1860, p. 289; *Mon.*, p. 495, t. 7, f. 3.
Hab. Deccan, 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*, MaoLeay, *Annul. Javan.*, 1825, p. 10; Chaud., *Mon.*, p. 516, t. 8, f. 14.,
Audouinii, Lap. de Casteln., *Silb. Rev.*, iii, 1834, p. 36; *Hist. Nat. Col.*, i,
 p. 24; Brullé, *Hist. Nat. Ins.*, iv, p. 100.
longicollis, Dejoan, *Spec.*, i, 1825, p. 163; *IC. Col. Eur.*, i, p. 67, t. 2, f. 3:
 Chaud., *Bull. Mosc.*, xxxiii (4), 1860, p. 296.
 var. *Chevroletii*, Guerin, *Mag. Zool.*, 1838, cl. ix, t. 225, f. 1 a-c; Schaum, *Berlin*
Ent. Zeits., 1861, p. 80.
 Hab. Java.
- variicornis*, 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? Manilla.
- xanthoseelis*, Chaudoir, *Mon.*, p. 526.
 Hab. Singapur.

CORRECTIONS and ADDITIONS:—

- p. 5, after *bramani*, Dokhtoureff, for 'l. c.,' read 'Rev. d' Ent.'
- „ *Duponti*, Dejoan, 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 'Mons.'

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, Do Geer, N. India, Simla.
dolens, Fleut., var. of *funebri*, Sikkim, Assam.
fastidiosa, Dojean, Assam.
flavovittata, Chaudoir, Trivandrum.
funebri, Schmidt Goebel, Sikkim, Assam, Pegu.
grammophora, Chaudoir, Mahanadi.
lineifrons, Chaudoir, Pegu.
nitidus, Wiedemann, Malda, Pegu.
striatifrons, Chaudoir, Borhampur.
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.

Odontoehila:—

? *heteromalla* MacLeay, Sikkim.

Add:—

Genus **TETRACHA**, Hope.

Col. Man., ii, 1838, p. 7: Mnn. 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.*Isomctopidae*, 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 Palæarctic *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 quæ 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 fannistic 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.

LOCAL LISTS.

- Britain*—Saunders, E., 'Synopsis of the British Hemiptera-Heteroptera,' in Trans. Ent. S. London, 1875.
- France*—Reiber and Puton, 'Catalogue des Hémiptères d' Alsaco et de la Lorraine.' Colmar, 1876.
- Lethierry, L. 'Catalogue des Hémiptères de Dept. du Nord.' (2 ed.), Lille, 1874
- Belgium*—Lethierry and Pierret, 'Premier Essai d'un Catalogue des Hémiptères de Belgique,' in Ann. Soc. Ent. Belg., xxii, 1879, p. 5.
- Spain*—Bolívar and Chicote, 'Enumeracion de los Hemipteros observados en España y Portugal,' in Anal. Soc. Esp. de Hist. Nat., viii, 1879, p. 167; *ib.*, 1880. 'Relové des Hémiptères recueillis en Portugal et en Espagne par M. C. Van Volxem' by Lethierry, in Ann. Soc. Ent. Belg., xvii, 1874, p. 47.
- Italy*—Ferrari, P. M.—'Hemiptera Agri Ligustici,' in Ann. Mus. Civ. Gen., vi, 1874; *ib.*, xii, 1878, p. 60: *id.*, 'Rhynchota Tridentina,' *ib.*, 1884.
- Bohemia*—Duda, L.—'Beitrag zur Kenntniss der Hemiptera Fannen Bohmens,' in Wien. Ent. Zeit., Vol. V, 1886, p. 43.
- Greece*—Chicote, in Ann. Soc. Ent. Belg., xxvi, 1882, p. 87.
- Tyrol*—Gredler, V., 'Rhynchota Tirolensia, Hemiptera-Heteroptera,' in Verh. Zool. bot. Ges. Wien, 1870, p. 90.
- Holland*—Vollenhoven, S. C. Snellen Van—Hemiptera-Heteroptera Neerlandica, 1878: 'Bijvoegsel tot de lijst der inlandische Hemiptera-Heteroptera,' in Tijdschr. v. Ent., xxii, 1879. Fokker, A. J.—'Catalogus der in Nederland voorkomende Hemiptera,' in *ibid.*, xxvi, 1883, p. 234; 1884, p. 113.

- Scandinavia*—See Fallen, Boheman, F. Sahlberg, and Renter, in list.
- Siberia*—Sahlberg, J.—‘Bidrag till nordvestra Siberiens Insekt fauna,’ in Vet.-Aka. Handl., xvi (4), 1878.
- Renter, O. M., ‘Sibiriska Hemiptera,’ in Ofvers. Finska Soc. Förh., xxvi, 1884, p. 22.
- Caucasus*—Jakowloff, in Bull. Soc. Imp. Moscow, xlviii, 1874: xlix, 1875: lii, 1877, also 1880, 1883, and Trudi Russki Ent. xii, p. 3; xiii, p. 85.
- Transcaucasus*—Horvath, G. de.—‘Beitrag Zur Hemipteren-Fauna Transcaucasiens,’ in Schneider’s Beitr. z. Kennt. Kaukasuslander, 1878, p. 72: *id.*, S. B. Naturw. Gos. ‘Isis,’ 1879, Hoft 1, 2.
- Persia*—Jakowloff, V. E.—‘Hémiptères de la Perso septentrionale,’ in Trudi Russki Ent., x, 1878, p. 67.
- Sumatra*—Lethierry, L.—‘Listo des Hémiptères recueillis a Sumatra, et dans l’île Nias par M. E. Modigliani,’ in Ann. Mus. Civ. Gen., (2 s.) vi, 1883, p. 460.
- N. America*—Uhler, P. R., ‘Check-list of the Hemiptera Heteroptera of N. America.’ Brooklyn, 1886.
- Central America*, see Distant in list.
- Argentine Republic*—Berg, ‘Homiptora Argentina,’ Buenos Ayres, 1879; *id.*, Addenda et emondanda, 1884.
- Guadeloupe*—L. Lethierry—‘Listo des Hémiptères recueillis par M. Delannoy a La Guadeloupe, La Martinique et St. Barthélemy’ in Ann. Soc. Ent. Belg., xxv, 1880.
- S. Africa*—Stål, C.—‘Hemiptera Africaaa,’ iii, 1865, p. 16.
- Algeria*—Lethierry and Putou, ‘Faunulo des Hémiptères de Biskra,’ in Ann. Soc. Ent. Fr., (5 s.) vi, 1876, p. 13.
- Tangiers*—Lethierry, L., ‘Relevé des Hémiptères recueillis dans les environs de Tangor,’ in Ann. Soc. Ent. Belg., xx, p. 44.
- Tunis*—Lethierry, L.—Ann. Mus. Civ. Gen., (2 s.) i, 1884, p. 439. Putou in ‘Exploration scientifique de Tunisie,’ 1886.
- St. Helena*—F. B. White, ‘Contributions to a knowledge of the Hemipterous Fauna of St. Helena,’ Proc. Zool. S. London, 1878, p. 444.
- New Zealand*—‘List of the Hemiptera of New Zealand,’ F. B. White, Ent. Mou. Mag., xiv, xv, 1878—79.

BIBLIOGRAPHY.

- Amyot, C. J. B. and Servillo, A. :—*Ins. Hémi.*—‘Histoire Naturelle des Insecte. Hémiptères.’ Paris, 1843 p. 275.
- Boheman, C. :—‘Nya Svenska Hemiptera,’ in Ofvers. Vet. Aka. Förh., ix, 1852, p. 49, 65.
- Brulle, A. :—Expédition scientifique de Morée, iii (i). Paris, 1832.
,, Exploration scientifique de l’Algerie, iii, t. 3. Paris, 1849.
- Burmeister, H. C. C. :—Handbuch der Entomologie, ii (i). Berlin, 1835.
- Costa, A. :—‘Cimicum Regni Neapolitani, centurias,’ I, 1838: II, 1843—47, in Atti del Reale Instituto d’incoraggiamento alle scienze natur. di Napoli. III, IV, 1852. Additamonta ad centurias Cimicum Regni Neapolitani. Naples, 1860.
- De Geer, C. :—Mémoires pour servir a l’histoire des Insectes, iii. Stockholm, 1773.

- Distant, W. L. :—*Biologia Centrali Americana, Rhynchota.* London, 1883, p. 234-303.
- Douglas, J. W. and Scott, J. :—*The British Homiptera, i, Homiptera-Heteroptera.* London, Ray Society, 1865.
- Fabricius, J. C. :—
Systema Entomologiæ. Flensburg, 1775.
Genera Insectorum. Chilonii, 1776.
Species Insectorum. Hamburgi, 1781.
Mantissa Insectorum, ii. Hafniæ, 1787.
Entomologia systematica, iv. Hafniæ, 1794.
Supplementum Entomologiæ systematicæ. Hafniæ, 1798.
Systema Rhingotorum. Brunsvigiæ, 1803.
- Fallen, C. F. :—‘*Monographia Cimicum Sueciæ.*’ Hafniæ, 1807.
 „ ‘*Supplementum Cimicidum Sueciæ.*’ Lund., 1826.
 „ ‘*Hemiptera Sueciæ.*’ Lund., 1829.
- Fieber, F. X. :—‘*Crit. Phyt.*—‘*Criteria zur Generischen Theilung der Phytocorriden,*’ in *Wien. Entomologische Zeitung*, 1859.
 „ *Eur. Hem.* :—‘*Dio Europäischen Hemiptera.*’ Vieuvaa, 1861.
- Flor, G. :—‘*Die Rhynchoten Livlands,*’ i, p. 404, ii, p. 590—Dorpat, 1860-61.
- Garbiglietti, A. :—‘*Catalogus methodicus et synonymicus Homipterorum Eteropterorum Italiae indigenorum,*’ in *Bull. Soc. Ent. Ital.*, i, 1869.
- Geoffroy, E. F. in Fourcroy, A. F. :—‘*Entomologia parisiensis sive Catalogus Insectorum quae in agro parisiensi reperiuntur.*’ Paris, 1785.
- Gmelin, J. F. :—*Caroli a Linné Systema Naturae.* Ed. 13, Aucta, reformata, i (4). Leipsic, 1788.
- Goeze, J. A. E. :—‘*Entomologische Boyträge zu des Rittter Linné’s zwölfften ausgabe des Natursystems.*’ Leipsic, 1778.
- Gorski, S. B. :—‘*Analecta ad Entomographiam provinciæ occidentali—meridionalium Imperii rossici,*’ i. Berlin, 1852.
- Hahn, C. W. :—‘*Icones ad monographiam Cimicum.*’ Nürnberg, 1826.
 „ ‘*Dio Wanzonartigen Insekten,*’ i—iii, p. 30. Nürnberg, 1831—1835.
- Herrich Schaffer, G. A. W. :—‘*Fauuæ Insectorum Germaniæ,*’ 111—129. Regensburg, 1829—1844.
 „ ‘*Nomenclator Entomologicus,*’ i. Regensburg, 1835.
 „ ‘*Dio Wanzeuartigeu Insekten,*’ iii, p. 31—ix. Nürnberg, 1835—1853.
- Kirschbaum, C. L. :—‘*Rhyn. Wiesb.*—‘*Rhynchographische Beiträge (i). Dio Capsinen der gegend von Wiesbaden,*’ in *Jahrbuch des Vereins für Naturkunde im Herzogthum Nassau*, x, 1855, p. 161—348.
- Kolenati, F. A. :—‘*Moletemata Entomologica.*’ St. Potorsburg, ii, 1845: iv, 1846.
- Linnaeus, C. :—‘*Systema Naturae,*’ ed. 10, i. Holmiæ, 1758: ed. 12, *ib.*, 1767.
- Meyer, L. R. :—‘*Verzeichniss der in der Schweiz einheimischen Rhynchoten: die familie der Capsini.*’ Solothurn, 1843.

- Muller, O. F. :—'Zoologiæ Danicæ Prodrömus,' Hafniæ, 1776.
- Mulsant, E. and Rey, C. :—'Opuscules Entomologiques,' in *Annales Soc. Liun.,* Lyon, 1852.
- Puton, A. :—*Catalogue des Hémiptères de la Faune palæarctique (3 ed.).* Caen, 1886.
- Rambur, J. P. :—*Faune entomologique de l'Andalousie.* Paris, 1842.
- Reuter, O. M. :—*Caps. Syn.*—'Bidrag till Nordiska Capsiders synonymi,' in *Notis. Skpts. Fauna et Flora Fennica, Förhandlingar, Häft xiv, 1875, p. 1.*
- „ *Bih. Vet.-Aka. Handl.* :—'Genera Cimicidarum Europæ disposita,' in *Bihang till Kongliga Sveuska Vetenskaps—Akademiens Handlingar, iii (i), 1875, p. 1—66.*
- „ *Caps. Amer.* :—'Capsinæ ex America boreali in Museo Holmiensi asservatæ, descriptæ,' in *Ofversigt af Kongl. Vetenskaps—Akademiens Förhandlingar, xiii, (9), 1875, p. 59.*
- „ *Rev. Caps.* :—'Hemiptera Gymnocerata Scandinaviæ et Fennicæ,' in *Acta Societatis pro Fauna et Flora Fennica, i, 1875, p. 1.*
- „ *Caps. Turk.* :—'Capsidæ Turkestanæ; Diagnoser öfver nya Capsider från Turkistan,' in *Ofversigt Finska Vet. Soc. Förhandlingar, xxi, 1879, p. 199—206.*
- „ *Abo Hem.* :—'Nya bidrag till Ålands och Åbo skärgårds Hemipter-fanna,' in *Meddelanden af Societas pro Fauna et Flora Fennica, v, 1880, p. 160.*
- „ *Hem. Gynn. Eur.* :—'Hemiptera Gymnocerata Europæ,' i—iii. Helsingfors, 1879—1883.
- „ *Rev. Syn. Het.* :—'Revisio synonymica Heteropterorum palæarcticorum.' Helsingfors, 1888.
- „ *Fedtsch. Turk.* :—Extract from Fedtschensko's *Turkistan*, separately printed, Moscow, 1887, p. 6—39.
- Rossi, P. :—'Fauna Etrusca.' Liborni, 1790.
- Sahlberg, R. F. :—*Monographia Geocorisarum Fennicæ.* Helsingfors, 1848.
- Saunders, E. :—*Syn.*—'Synopsis of British Hemiptera-Heteroptera,' in *Trans. Ent. S. Lond., 1875, p. 254.*
- Schilling, P. S. :—'Hemiptera Heteroptera Silesiæ systematice disposita.' Breslan, 1829.
- Say, T. :—'Descriptions of new species Heteropterous Hemiptera of N. America,' in *New Harmony Independent, Dec. 1831 (not seen).*
- Scholtz, H. :—'Prodröms einer Rhynchoten-Fauna von Schlesien,' in *Arb. u. Veränd. d. Schles. Ges. f. Vaterl.-Kultur, i, 1846, p. 104.*
- Sehranek, F. Von Paola :—*Enumeratio Insectorum Austriæ indigouorum.* August. Vindelicor., 1781.
- „ *Fauna Boica.* Ingolstadt, 1801.
- Stal, C. :—'Beitrag zur Hemipteroren Fauna Sibiricns und des Russischen Nord-Amerika,' in *Entomologische Zeitung herausgegeben von dem Entomologischen Verein zu Stettin, xix, 1858, p. 175.*
- „ *Hemiptera Moxicana, l. c., xxiii, 1862, p. 316.*

- „ Fregatten Eugenics Resa, Zool. iv, Hem., 1859, p. 254.
 „ Bidrag till Rio-Janciro traktens Homiptor-fauna, Stockholm, 1858, p. 45.
- Thunberg, C. P. :—'Dissortatio entomologica; Novas insectorum specios sistens, iii, Upsala, 1783.
- Uhler, C. P. :—*Bull. Un. St. Surv.*—'Bulletin of the United States Geological and Geographical Survey of Territories,' (2 Series), ii No. 5, 1876; iii, 1877.
 „ Proceedings Academy Natural Sciences Philadelphia, xix, 1878.
- Walker, F. :—Catalogue of the Homiptera, vi, London, 1873.
- Wolf, J. F. :—'Icones cimicorum descriptionibus illustratæ,' Erlangen, 1801—1811.
- Zetterstedt, J. W. 'Fauna Insectorum Laponica.' Hamborg, 1828.
 „ 'Insecta Lapponica.' Loipsic, 1840.
- Div. I. **TERATODELLARIA**, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 7;
id., Mem. 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.
oxyearenoides, Reuter, *l. c.*, p. cv.
 Hab. Greece, Ætolia.

- Div. II. **MYRMECORABIA**, Reuter, Mem. 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.
- Maerkelii* (*Capsus*), Herr. Schöff., Wanz. Ins., iv, 1839, p. 78, t. 132, f. 406 (*form. macr.*): Kirschb., Rhyu. 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. Hom., p. 281, t. 10, f. 3: Saund., Syn., p. 278: Reuter, Rev. Caps., p. 119.
flavolimbatus, Bohom., 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. Prev. S.-W. Ross., i, 1852, p. 167: Fieb., Eur. Hem., p. 61, 238: Fler. 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.

p bimaculatus, Metsch., Bnll. Mesc., xxxii (2), 1859, p. 502.

Hab. Siberia, Amuria.

gracilis (*Globiceps*), F. Sahlb., Men. 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: Fler, Rhyn. Liv., i, p. 636: Fieber, Eur. Hem., p. 239, pt.: Walk., Cat. Het. vi, p. 160: Reuter, Abe. 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, Jakewleff, Bnll. Mesc., 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.

leucephæus (*Cyllocoris*), Gormar, 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, Rie Jan. Hem., i, 1858, p. 55.

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

Hab. Rie Jancire.

Genus **CAMPONOTIDEA.**

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

Saundersi (*Myrmecoris*), Puton, Pet. Neuv. 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.**

Bäreusprung, 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, Bärönspr., *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. Amor. Rbyn., 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., Rbyn. 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., Rbyn. 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. 236.

Hab. W. Indies.

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

Hab. United States.

Meilleuri, 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. 282 : Walker, Cat. Het., vi, p. 48 : Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 8 ; *id.*, Rev. Caps. p. 17 : Distant, Biol. Contr. Amer., Rhyn., 1883, p. 236 : Uhler, List, p. 17.
- Subg. *Brachytropis*, Fieber, Crit. Phyt., 1859, 6, t. 6, f. 18 ; *id.*, Eur. Hem., p. 62, 241.
- Subg. $\left\{ \begin{array}{l} \textit{Miris} \text{ (Fieber), Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 8.} \\ \textit{Lobostethus}, \text{ Fieber, Crit. Phyt., 1859, 8, t. 6, f. 19 ; } \textit{id.}, \text{ Eur. Hem.} \\ \text{p. 62, 242.} \end{array} \right.$
- 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. Succ., 1829, p. 131 : 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 : Sannd., 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. *griscescens*, Fieber, Eur. Hem., 1861, p. 241.
- „ *virescens*, Fieber, *l. c.*, p. 241.
- Hab. All Europe, Turkistan, Canada, United States [*Atk.*, Rivoira, Hungary].
- p curticollis*, Costa, Cim. Regu. Neap. Cent, iii, 1852, p. 57.
- Hab. Italy.
- Dohrni*, Stål, Freg. Eng. Resa, Hem., 1859, p. 254 : Walk., Cat. Het., vi, p. 53 ; Berg, Hem. Arg., 1879, p. 118.
- Hab. Patagonia.
- dolabratus* (*Cimeæ*), Linn., Syst. Nat. (ed. 10), 1758, p. 449 : Fabr. Ent. Syst. iv, p. 183 : 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. 122 : Meyer, Rhyn. Schw., p. 38 : F. Sahlb., Geoc. Fenn., p. 82 : Kirschb.

- Rhyn. Wiesb., p. 196, sp. 11: Fler, 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. Best. Soc. N. H., xix, 1878, p. 397: Reuter (*Leptopterna*), Rev. Caps., p. 31; (*Miris*), Rev. Syn. Het., p. 243.
abbreviatus, Welff, 1c. Cim., iii, 1802, p. 116, t. 11, f. 110.
antenni-rectus, Goeze, Ent. Beytr., ii, 1778, p. 267.
 ? *deses*, Müller, Zeel. Dan., 1767, p. 103.
 ? *frumentarius*, Poda, Ins. Græcæ., 1761, p. 60.
laevigatus, De Geer, Mém., iii, 1773, p. 292.
lateralis, Fabr., Gen. Ins., 1776, p. 300: Wolff, 1c. Cim., iii, p. 115, t. 11, f. 109: Latr.
porrectus, Geoffroy in Fenrer. Ent. Paris, 1785, p. 206.
recticornis, Gmelin, Syst. Nat., iv, 1788, p. 2185.
riparius, Scopeli, Ent. Carn., 1763, p. 135.
V-flavum, Goeze, Ent. Beytr., ii, 1778, p. 279.
 var. *aurantiacus*, Reuter, Rev. Caps., p. 32.
 ,, *carinatus*, Dougl. & Scott, Brit. Hem., 1865, p. 294.
 Hab. All Europe: E. United States [*Atk.*, Lille, Hungary].
- dersalis* (*Capsus*), Say, Compl. Writ., ii, 1859, p. 438: Uhler, Proc. Best. 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. Contr. Amer. Rhyn., 1883, p. 236.
 Hab. Guatemala, Quezaltenango, Veleane de Agna.
- helsatus* (*Cimeæ*), Fabr., Mant. Ins., 1787, p. 306; *id.* (*Miris*), Ent. Syst. iv, p. 184; Fallen, Men. Cim., p. 111: Zett., Faun. Lapp., p. 502: Fallen, Hem. Snee. p. 132: Herr. Schäff., 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. Hom., 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 (i), 1835, p. 265.
 Hab. All Enrepro [*Atk.*, N. France, Geneva].
- insuavis*, Stål, Rio Jan. Hom., i, 1858, p. 45: Walk. Cat. Het., vi, p. 52: Berg, Hem. Arg., 1879, p. 117; Add. Emend., 1884, p. 63.
 Hab. Brazil.
- laevigatus* (*Cimeæ*), Linn., Syst. Nat., (ed. 10), 1758, p. 449: Fabr., Syst. Rhyng. p. 252: Herr. Schäff., Wanz. Ins., iii, p. 43, t. 85, f. 259: Meyer, Rhyn. Schw., p. 35: Kolenati, Mel. Ent., ii, p. 98: Costa, Cim. Regn. Neap. Cont., iii, p. 31: Kirschb., Rhyn. Wiesb., p. 193, sp. 5: Fieber, Crit. Phyt., 12: Flor, Rhyn. Liv., i, p. 425: Fieber, Eur. Hom., 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.

- P. frumentarius*, β , Poda, *Ins. Gr.*, 1761, p. 60.
lateralis, Geoffroy in Fonror., *Ent. Par.*, 1785, p. 209.
pallidus, Harris, *Exp. Engl. Ins.*, 1781, p. 90, t. 26, f. 9.
pallescens, Donovan, *Brit. Ins.*, iii, 1794, t. 101, f. 6, 7.
testaceus, Scopoli, *Ent. Carn.*, 1763, p. 135.
P. 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.*, Lillo, 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.
P. vicinus, Provancher, *Nat. Can.*, iv, 1872, p. 77: Uhler, *List*, p. 17.
 Hab. Canada.
virens (*Cimex*), Linn., *Syst. Nat.*, (*ed.* 12) 1767, p. 730: Fabr., *Syst. Rhyn.*, p. 254: Wolff, *1c. 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. Fenn.*, p. 86: Costa, *Cim. Regn. Neap. Cont.* 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, Zott., *Faun. Ins. Lapp.*, 1828, p. 501: Hahn, *Wanz. Ins.*, ii, p. 76, t. 53, f. 161 (= Var. *testaceus*, Fallen, *teste* Reuter).
P. laevigatus, var. *virescens*, Fallen, *Hem. Succ.*, 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, *Vot.-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*), Borg, 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), 1758, p. 449: Fallen, Mon. Cim., p. 111; *id.*, Hem. Snec., p. 132: Hahn, Wauz. Ins., ii, p. 78, t. 54, f. 163, 164; *ib.* 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: Renter, Rev. Caps. p. 21; *id.* (*Notostira*), Rev. Syn. Het., p. 240.

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

elongatus, Geoffr. in Fourer., 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. Borcht., 1785, p. 340.

quadrilineatus, Schrank, Faun. Boio. 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. Hom., p. 242.

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

puleher, Router, Caps. Amorio., 1875, p. 59: Uhler, List, 17.

Hab. Texas.

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

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

longicornis, Fallen, Mon. Cim., 1807, p. 108; *id.*, Hom. Suoc., p. 129;

Herr. Schöff., Wanz. Ins., iii, p. 43, t. 85, f. 258: Moyer, Rhyn. Schw.,

p. 37: Costa, Cim. Regn. Neap. Cont., iii, p. 32: Kirschb., Rhyn. Wiesb.

p. 192, sp. 2: Flor., Rhyn. Liv., i, p. 434; Fieber, Crit. Phyt., 13; Eur.

Hom., 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

Fonn., 1871, p. 290, pt: Renter, Rev. Caps., p. 22.

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

♀ *virens*, pt, Rossi, Fann. 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 Fourer., Ent. Paris, 1785, p. 209: Falleu, Mon. Cim., p. 112: Zett. Faun. Lapp., p. 502: Fallen, Hem. Snec., p. 133: Herr. Schöff., Wanz. Ins., iii, p. 40: Meyer, Rhyn. Schw., p. 37: F. Sahlb., Geoc. Foun., p. 87: Costa, Cim. Regn. Neap. Cent., iii, p. 32: Kirschb., Rhyn. Wiesb., p. 192, sp. 3: Flor, Rhyn. Livl., i, p. 435: Fiob., 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, Haydon Mont. Surv. 1872, p. 409; List, p. 17: Reuter, Rev. Caps., p. 23; *id.* (*Trigonotylus*), Rev. Syn. Het., p. 242.

? var. *psammaecolor*, 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, Geneva, Hungary].

Genus **DOLICHOMIRIS.**

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

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

Hab. Addah, W. Africa.

Genus **CREONTIADES.**

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

rubrinervis (*Megacaelum*), 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. Gnatemala, 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: Fiob. 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. Hot., vi, p. 51.
Hab. Scandinavia, Britain, Franco, 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. Hot., 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. Hot., 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, Medd. Soc. pro Fauna Fl. Fenn., ii, 1878, p. 194.
Actitocoris, Reuter, Abo Hem., 1880, p. 167.
- signatus*, Reuter, Medd. 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. Argentino Republic, Uruguay.

Genus **LEPTOPTERNA.**

Fiobor, Crit. Gen. 1859, g. 12, t. 6, f. 3; *id.*, Enr. Hem., p. 63, 244; Rout. Rev. Caps., p. 29; Walkor, Cat. Het. vi, p. 51; Uhler, List, p. 17.

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

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

Hab. Idaho, Dakota.

ferrugata (*Miris*), Fallen, Hem. Succ., 1829, p. 129; Schill., Hem. Hot. Silas., p. 52; Horr. Schöff., Wanz. Ins., iii, p. 46, t. 86, f. 263 ♂; Meyer, Rhyn. Schw., p. 39; F. Sahlb., Geog. Fenn., p. 89; Kirschb. (*Lopus*), Rhyn. Wiesb., p. 196, sp. 12; Fler., 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. Noap. Cent., iii, 1852, p. 57.

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

pilosa, Reuter, Ofvors, 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. Gnatomala, Cerro Zanil, San Geronimo, Panama, Bugaba.

scenicus (*Miris*), Stål, Frog. 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 do Chiriqui.

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

Hab. Guatemala, San Isidro, Zapoto.

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

Hab. Guatemala, Pantaleon.

lanuginosus, Distant, *l. c.*, p. 239, t. 24, f. 3.

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, **BRYOCORARIA**, Router, 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 : Reutor, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 22 ; *id.*, Rev. Caps., p. 95 : Walk. Cat. Hot., vi, p. 159.

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

Hab. Coylou.

flicis (*Cimex*), 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*), Gooe. Fenn. p. 113 : Dahlbom (*Monalocoris*), K. Vet.-Aka. Handl., 1850, p. 209 : Moyer, Rhyn. Schw., p. 71 : Kirschb., Rhyn. Wiesb., p. 230, 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. Hot., vi, p. 159 : Uhler, Bull. Un. St. Surv. ii, 1876, p. 315 ; *id.*, iii, 1877, p. 413 ; List, p. 19 : Router, Caps. Amor., 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. Förl., 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, Ramen 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.

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

Hab. Cuba.

Genus **BRYOCORIS.**

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

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

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

pteridis (*Capsus*), Fallen, Men. 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 : Fler, Rhyn. Liv., i, p. 540 :

Fieb., Eur. Hem., p. 238 : Deagl. & 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., Men. Geoc., 1848, p. 93 (*form. macr.*).

Hab. Nearly all Europe.

Genus **CYRTOCAPSUS.**

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

caligineus (*Capsus*), Stål, Freg. Eug. 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 **ECCRITOTARSUS.**

- Stål, Rio Janeiro Hem., i, 1858, p. 57 : Distant, Biol. Centr. Amer. Rhyn., p. 283 ; Walker, Cat. Het., vi, p. 166.
- atratus*, Distant, Biol. Centr. Amer. Rhyn., 1883, 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.
- discifer*, 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.
- erythrenotus*, 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.
- generesus*, 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.
eucosmus, Stål, *l. c. supra*, p. 323 : Walk., Cat. Het., vi, p. 166.
Hab. Mexice, Guatemala, Zapote, San Isidro.
- genetivus*, Distant, Biol. Centr. Am. Rhyn., 1883, p. 284, t. 22, f. 25.
Hab. Mexice.
- gibbus*, Distant, *l. c.* p. 285.
Hab. Guatemala, Senahu.
- Helmborgii*, Berg, Hem. Arg., Add. Emend., 1884, p. 83.
Hab. Buenes 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 Gerónimo, 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. 23, 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.
- nigrocruciatus*, Stål, Rio Jan. Hom., 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. 23, 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 Ayros.
- ruficeps*, Berg, *l. c.* p. 130, 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. Hom., 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 do 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.

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

Hab. Panama, Bugaba.

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

Hab. Panama, Volcano do Chiriqui.

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

Hab. Gustomala, Las Mercodos.

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 **ANNONA.**

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 do Chiriqui.

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

Hab. Panama, Volcano do Chiriqui.

Genus **FUNDANIUS.**

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

albemaculatus, 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.

rubricesus, 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, Volcane 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 do 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, Telé.

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.

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

Hab. Panama, Volcane 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. 28, f. 13.

Hab. Panama, Volcano de Chiriqui.

Genus **BIBACULUS.**

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

midestus, Distant, *l. c.*, p. 296, t. 28, f. 23, 24.

Hab. Guatemala, Senahu, Las Morcedos.

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.

cineracea, 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. 298.

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

Hab. Guatemala, Cerro Zunil.

Genus **FALCONIA.**

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

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

Hab. Guatemala, Cerro Zunil.

poetica, Distant, *l. c.*, p. 298, t. 29, f. 3.

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. Rhyu., 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. Rhyu., 1884, p. 302.

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

Hab. Guatemala, San Geronimo.

Genus **DACOTA.**

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

hesperia, Uhler, *l. c.*, p. 414; Bull. Un. St. Surv., ii, 1876, p. 318.

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, Volcauo 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., xxiii, 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.
- funebri*, 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, Senahu.
- Schonherri*, Stål, Rio Jan. Hem., i, 1858, p. 56: Walk., Cat. Het., vi, p. 166.
Hab. Rio Janeiro.
- stellatus*, Distant, Biol. Centr. 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 **EUCEROCORIS.**

- Westwood, Trans. Ent. S. Lond., ii, 1835, p. 21, t. 2, f. 7.
- basifer*, Walker, Cat. Het., vi, 1873, p. 164.
Hab. Australia.
- braeonoides*, 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. Schäff., 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. Hct., 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. Hct., 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. Hct., vi, 1873, p. 162.
Hab. Amazons.
- parvientre*, Horr. Schäff., Wanz., Ins., ix, 1853, p. 168, t. 312, f. 958: Walk., Cat. Hct., 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. Hct., vi, p. 168.
Hab. Rio Janeiro.

Genus **DISPHINCTUS.**

- Stål, Ofvers. K. V.-A., Förh., 1870, p. 668: Walk., Cat. Hct., vi, p. 161.
divisus (*Monalonion*), Walker, Cat. Hct., vi, 1873, p. 163.
Hab. Ternato.
- Fallenii*, Stål, Ofvers., K. V.-A., Förh., 1870, p. 668, t. 7, f. 6: Walk., Cat. Hct., vi, p. 161.
Hab. Philippines.
- Haglundii*, Stål, *l. c.*, p. 668: Walk., *l. c. supra*, p. 161.
Hab. Philippines.
- humeralis* (*Monalonion*), Walker, Cat. Hct., vi, 1873, p. 162.
Hab. Malacca, Sikkim (mih).
politus (*Monalonion*), Walker, *l. c.*, p. 163.
Hab. Borneo, Sarawak.
- Reuteri*, Stål, Ofvers. K. V.-A., Förh., 1870, p. 668: Walk., Cat. Hct., 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. Zoel. 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, Naturø, 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. Het., 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.
podagrieus, 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. Rhyu., 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. 248.

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, Quicho rango, Totonicapam.

Genus **ADMETUS.**

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

fimbriatus, 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, *Hom. 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. 258 ♂ : Walk., Cat. Het., vi, p. 55.

Hab. S. Russia, Sarepta.

tunicatus (*Cimex.*), Fabr., Spec. Ins., ii, 1781, p. 396; Syst. Rhyng., p. 233 : Fallen, Mon. Cim., p. 79; *id.*, Hem. Suec., p. 85; Germar, Fam. 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. Liv., 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 Europ. [*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 : Router, Rev. Caps., p. 34.

Horistus, Fieber, Eur. Hem., 1861, p. 66, 268.

Lopus, Fieber, *l. c.*, p. 66, 266.

australis, Walkor, Cat. Het., vi, 1873, p. 57.

Hab. Australia.

bicolor, Fieber, Wien Ent. Monats., viii, 1864, p. 323 : 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. 89 : Walk., Cat. Het., vi, p. 56.
Hab. S. America.
- flavomarginatus* (*Cimex*), 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* (*Cimex*), 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. Succ., 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. Cont., i, 1838, p. 49 : Moyer, Rhyn. Schw., p. 41 : Kolenati (*Lopus*), Mel. Ent., ii, p. 100 : Kirschb. (*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 : Sund., Syn., p. 263 : Reuter, Rev. Caps., p. 34 ; Ent. Mou. Mag., xvi, p. 12 ; *id.*, Rev. Syn. Het., p. 246.
albomarginatus, Preysslor, Beob. Böhmorwald, 1793, p. 219.
Lynchmitidis, Schrank, Fanna Boica, 1801, p. 94.
sanguineoguttatus, Gocze, Ent. Beytr., ii, 1787, p. 275.
- var. *superciliosus* (*Cimex*), 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. Franco, Hungary].
- Grasieri*, Puton and Rent., Rev. d'Ent., vii, 1888, p. 201.
Hab. Amnria.
- Hahni*, Stål, Rio Jan. Hom., i, 1858, p. 45 : Walk., Cat. Het., vi, p. 56.
Hab. Rio Janeiro.
- infuscatus*, Brullé, Exped. Moréo, 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. Grecco, Turkey.
- insignis*, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 31.
Hab. Pyrenees.
- lineolatus*, Brullé, Exped. Moréo, 1832, p. 76, t. 31, f. 6, 7 : Fieb., Eur. Hem., p. 268 : Walk., Cat. Het., vi, p. 54 : Rent., 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. Franco, Italy, Greece.
- mat* (*Cimex*), Rossi, Faun. Etrusc., ii, 1790, p. 250, t. 7, f. 6 : Herr. Schäff., Nomo-

- nel. Ent., i, 1835, p. 51 : Fieber, *Enr. Hem.*, p. 267 : Walk., *Cat. Het.*, vi, p. 53 : Reuter, *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. Vot. Aka. Handl.*, 1850, p. 155.
 Hab. Scandinavia.
- ♀ *palliatatus* (*Lygacus*), Fabr., *Ent. Syst.*, iv, 1794, p. 181 ; *Syst. Rhyng.*, p. 245 : Reuter, *Rev. Syn. Het.*, p. 248.
 Hab. Morocco.
- partilus* (♀ *partitus*), Walker, *Cat. Het.*, vi, 1873, p. 56.
 Hab. New Guinea.
- rufinasus*, Stål, *Rio Jan. Hem.*, i, 1858, 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, 1858, p. 46 : Walk., *Cat. Het.*, vi, p. 56.
 Hab. Rio Janeiro.
- sulcatus*, Fieber, *Enr. 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*) Reuter, *Berlin Ent. Zeit.*, xxv, 1881, p. 174 ; *Zool. Jahr, Arthr.*, 1881, p. 274.
- hieroglyphica* (*Capsus*), Mulsant & Roy, *Ann. Soc. Linn. Lyon.* 1852, p. 126 ; Puton, *Bull. Soc. Ent. Fr.*, (6 s.) i, 1881, p. cxlvii.
vittatus (*Lopus*), Horvath, *Pot. Nouv. Ent.*, ii, No. 42, 1876, p. 15.
 Hab. Pyrenees, S. Hungary.

Genus **DIONCUS.**

- Fieber, *Crit. Gen.*, 1859, 34, t. 6, f. 9, 30 ; *Enr. Hem.*, p. 67, 268 : Reut. *Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 10 : Walk., *Cat. Het.*, vi, p. 42, 79.
- cruentatus* (*Miris*), Brullé, *Exp. Morce*, 1832, p. 78, t. 31, f. 8 : (*Lopus*) Fieb. *Eur. Hom.*, p. 268 : Walk., *Cat. Het.*, vi, p. 54.
montivagus, Costa, *Cim. Regn. Neap. Cent. Addit.*, 1860.
 Hab. Grecco, Italy [*Atk.*, Genoa].

- neglectus* (*Lygaeus*), Fabr., Ent. Syst. Supp., 1798, p. 542: *id.*, Syst. Rhyng. 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. 243.
 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, Hervath, 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 [*Atlc.*, S. France].

Genus **PALLACOCORIS.**

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

Genus **CLIVINEMA.**

- 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. Héem., 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 Gerónimo.
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, Volcaneo de Chiriqui.
- cinctipes*, Walker, *Cat. Het.*, vi, 1873, p. 109.
Hab. Rio Janeiro.
- cinnamomea*, Berg, *Hem. Arg.*, 1879, p. 125.
Hab. Argentine Republic, Missionos.
- eircumeincta*, Say: Uhler, *List*, p. 17.
Hab. United States.
- circummaculata* (*Capsus*), Stål, *Ofvers. K. V.-A., Förh.*, xi, 1854, p. 236; *Freg. Eug. Resa, 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, Hom. 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, Wise., Ill., Maryland, &c.
- correntina*, Berg, *Hom. Arg.*, 1879, p. 127.
Hab. Argentine Repub., Corrientes.
- costalis*, Stål, *Rio Jan. Hem.*, i, 1858, p. 47: *Walk., Cat. Het.*, vi, p. 107: *Rout., Caps. Amer.*, p. 64.
Hab. Rio Janeiro.
- crucifera*, Berg, *Hom. 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. Hom.*, vi, p. 97: see *Phytocoris scrupus*, Say.
Hab. Mexico.

- crubescens*, Distant, Biol. Centr. Amer. Rhyn., 1883, p. 254.
Hab. Panama, Bugaba, Volcano do Chiriqui.
- exornata*, Distant, *l. c.*, p. 257, t. 22, f. 20.
Hab. Mexico.
- flavicosta*, Berg, Hem. Arg., Add. Emend., 1884, p. 189.
Hab. Buenos Ayres.
- flavonigra*, Stål, Rio Jan. Hem., i, 1858, 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 ; Router, Caps. Amer., p. 64.
dimidio-rufa, Stål, Ofvers. Vct.-Aka., Förh., xii, 1855, p. 186 : Walkor, 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. Hot., 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 : Uhlor., 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 : Uhlor, Proc. Bost. Soc., xix, 1878, p. 399 ; List, p. 17.
xanthomelas, Walker, Cat. Hot., 1873, p. 92.
Hab. S. United States.
- interpuncta*, Distant, Biol. Centr. Amor. Rhyn., 1883, p. 257, t. 22, f. 15 : Uhler List, p. 18.
Hab. Mexico.
- latipennis*, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 318 : Walkor, 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. Eug. Resa, 1859, p. 257 : Walk., Cat. Hot., vi, p. 107 Reut., Caps. Amer., p. 64 : Borg, 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.
- maelicollis*, 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.
- melanoehra* (*Capsus*), Herr. Schäff., 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.
- montevidensis*, 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.
- obseurans*, 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*, Borg, 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: Rent., 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: Rent., Caps. Amer., p. 64: Distant, *l. c. supra*, p. 251, t. 24, f. 18: Uhler, List, p. 17.
Hab. Mexico; Honduras; Guatemala, Panama, Sinanja.
- 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., 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; Rent., 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: Renter, 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: Rent., 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, Hom. Arg., 1879, p. 123.
Hab. Bnenos Ayres.
- subannulata*, Stål, Rio Jan. Hom., i, 1858, p. 47: Walk., 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. Bnenos Ayres.
- uruguayensis*, Berg, *l. c.*, Add. Emend., 1884, p. 70.
Hab. Urngnay.
- vitticeps*, Stål, Stettin. Ent. Zeit., xxiii, 1862, p. 318, ♀: Walk., 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. II., 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.

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

Hab. Texas.

media (*Capsus*), Say, Hot. Now. 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. Snrv., ii, 1876, p. 317; iii, 1877, p. 414; Proc. Bost. Soc. N. H. xix, 1878, p. 406; List, p. 18; Rent., Caps. Amer., p. 66.

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

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

seitula (*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. Snrv., 1872, p. 412; *id.*, Wheeler, Rep. Geogr. Explor., v, Zool., 1875, p. 838, t. 42, f. 12; Bull. Un. Snrv., 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, Renter, *l. c.*, p. 67.

Hab. Pennsylvania.

Genus **PHYTOCORIS.**

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

Abeillei, Pnton, Rev. d' Ent., iii, 1884, p. 85.

Hab. S. France, Spain.

adspersus, 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, Renter, 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*, Fiobor, Eur. Hem., 1861, p. 259 (*nec* Brullé): Walk., Cat. Het., vi, p. 58: Ronfer, 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.
- Chardonii*, Pnton, 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*, Kirsehbaum, Rhyn. Wiesb., 1855, p. 199, sp. 17; p. 282: Walk., Cat. Het., vi, p. 59: Reuter, Abc 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.
- effictus*, Stål, Rio Jan. Hom., 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. Ncap. Cent., iii, 1852, p. 35, f. 5.
Hab. S. Franco, Italy.
- femorialis, 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, Renter, 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.
- ineanus, Fieber, Wien Ent. Monats., viii, 1864, p. 326: Walk., Cat. Het., vi, p. 59: Renter, 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, Renter, Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 14.
distinctus, Renter, Rev. Caps., 1875, p. 37, (*nec* Dougl. & Scott).
Hab. Scandinavia.
- intricatus, Flor, Rhyn. Liv., ii, 1861, p. 603: Ront., 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.
- Jakowleffi, 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. Gos., i, 1865, p. 302: Walk., Cat. Het., vi, p. 59: Renter, 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. Bolg., xx, 1878, p. 38.
Hab. Spain.
- Nowickyi*, Fieber, Vorh. 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. Amor., 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. Ent. 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, Germany, Switzerland, France, Britain.

- populi* (*Cimeæ*), Linn., Syst. Nat., (ed. 10), 1758, p. 449: Fabr. Syst. Ent., 1775, p. 727; *id.*, Syst. Rhyng., p. 237: Fallen, Mon. Cim., p. 79; *id.*, Hem. Succ., 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: Router, Ann. Soc. Ent. Fr., (5 s.) vii, 1877, p. 15; *id.*, Rov. 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*, Router, 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.
- salsolae*, Pnton, 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: Dis- tant, Biol. Centr. Amer., Rhyn., p. 271.
externus, 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.

- Stoliezkanus*, Distant, *Scion. Res.* 2nd Yark. Miss., 1879, p. 10, f. 6; *Trans. Ent. S. Lond.*, 1879, p. 124.
Hab. Murreo.
- subvittatus*, Stål, *Rio Jan. Hem.*, i, 1858, p. 47; *Walk., Cat. Het.*, vi, p. 61.
Hab. Rio Janeiro.
- tibialis*, Renter, *Caps. Amer.*, 1875, p. 68; *Uhler, List*, p. 18.
Hab. Texas.
- tiliae* (*Cimex*), *Fabr., Gen. Ins.*, 1776, p. 301; *Syst. Rhyng.*, p. 237; *Fallen, Mon. Cim.*, p. 79; *id., Hem. Succ.*, 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; *Renter, 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*, *Renter, Rev. Caps.*, 1875, p. 39.
,, *signatus*, *Renter, l. c.*, p. 39.
,, *typicus*, *Renter, l. c.*, p. 39.
,, *marmoratus*, *Dougl. & Scott, Ent. Mon. Mag.*, 1869, p. 261; *Walk., Cat. Het.*, vi, p. 60; *Renter, Ann. Soc. Ent. Fr.*, (5 s.) vii, 1877, t. 2, f. 2.
Hab. All Europo [*Atk., Lillo*].
- 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* (*Cimex*), *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. Succ.*, p. 89; *Walk., Cat. Het.*, vi, p. 58; *Saund., Syn.*, p. 266; *Renter, 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. Hom.*, 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, Ic. Cim.*, iv, 1804, p. 155, t. 15, f. 149; *Burm., Haubd. Ent.*, ii (i), p. 269.
vividus, *Fabr., Syst. Rhyn.*, 1803, p. 237.
Hab. All Europo [*Atk., Lillo*].
- undulatus*, *Renter, Deutsche Ent. Zeits.*, xxi, 1877, p. 26.
Hab. Turkistan.
- unicolor*, *Renter, Ofvers. Finska. Soc. Förh.*, xxii, 1880, p. 15.
Hab. Greeco.
- ustulatus*, *Herr. Schäff., Nomencl. Ent.*, 1835, p. 47; *Fieb., Eur. Hem.*, p. 258; *Walk., Cat. Het.*, vi, p. 58; *Renter, 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, Perris, Ann. Soc. Linn. Lyon, iv, 1857, p. 16.

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

Schw., p. 43; Kirschb., Rhyn. Wiesb., p. 200, sp. 20; Floer, 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 Gerónimo.

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

Hab. Guatemala, Quezaltenango.

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

Hab. Guatemala, San Gerónimo.

vilis, 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. Srnv., 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 do Chiriqui, Bngaba.

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.

mastrocatus, 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 **GARGANUS.**

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.**

Renter, *Puton Explor. Scient. Tunis.*, 1886, p. 17.

Ischnoscelis, Renter, *Ovfors. Finska Soc. Förh.*, xxii, 1880, p. 15; *Zool. Jahr.*, 1880, p. 140.

rubrinervis, Renter, *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. Hot.*, vi, p. 60: Renter, *Bih. Vet.-Aka. Handl.*, iii (i), 1875, p. 10.

distinguendus, Herr. Schöff., *Wanz. Ins.*, iv, 1839, p. 33, t. 121, f. 384: *Fieb., Eur. Hom.*, p. 262: *Walk., Cat. Hot.*, 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.*, 1763, p. 134: Renter (*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. *separandus*, 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: Renter, *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, Renter, *l. c. supra.*

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

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

Deraeocoris, Douglas & Scott, *Brit. Hom.*, 1865, p. 315.

albonotatus, Jakowloff., *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: Renter, *Bih. Vet.-Aka. Handl.*, iii (1), 1875, p. 13; Berlin, *Ent. Zeits.*, xxix, 1885, p. 46.

pabulinus, var. *major*, Schill. *Hom. Het. Silcs.*, 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. Hct., 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., Men. Geoc. Fenn., 1848, p. 100: J. Sahlb., K. Vet.-Aka. Handl., xvi (4), 1878, p. 26: Walker, Cat. Hct., vi, p. 76: Fieb., Eur. Hem., p. 390.
 Hab. N. Europe, S. Siberia.
- annulus*, Brullé, Exped. Morée, iii (i), 1832: teste, Paton, Cat., p. 49.
 Hab. Greece.
- argentinus* (*Phytocoris*), Berg, Hem. Arg., 1879, p. 122: *id.*, Add. Emeud., 1884, p. 72.
 Hab. Buenos Ayres.
- Beckeri*, Fieber, Verh. Zeol.-Bot. Ges. Wien, xx, 1870, p. 259: Walk., Cat. Hct., vi, p. 75.
 Hab. Russia.
- biclavatus* (*Capsus*), Herr. Schäffer, Nomencl. Ent., 1835, p. 48: Reuter, Ent. Men. Mag., xiv, 1878, p. 244; Rev. Syn. Hct., 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 (*Olosterotomus*), 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*, Scheltz, Arb. u. Veränd. d. Schles.-Ges., i, 1846, p. 103.
 Hab. Nearly all Europe [*Atk.*, Geneva].
- bimaculatus* (*Capsus*), Fabr., Syst. Rhyng., 1803, p. 243: Stål, Mem. Fabr., i, p. 86: Walk., Cat. Hct., vi, p. 105.
 Hab. S. America.
- bistriguttatus*, Fabr., Ent. Syst., iv, 1794, p. 174: Reuter, Rev. Syn. Hct., p. 263.
 ? = *biclavatus*, Herr. Schäff., q. v.
 Hab. Germany.
- capitatus*, Jakowloff, Bull. Mesc., 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. Zeol.-Bot. Ges. Wien, xx, 1870, p. 239: Walk., Cat. Hct., 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. 237: Walk. Cat. Het., vi, p. 74: Reuter, Bilh. Vet.-Aka. Llandl., iii (i), 1875, p. 12.
Hab. Hungary, France, Switzerland.
- elegans*, Reuter, Deutsche Ent. Zeits., xxi, 1877, p. 26.
Hab. Syria.
- fasciatiiventris*, 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; Wieu 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.
- fulvomaculatus* (*Cimex*), 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: Koleuati, 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., Jahresb. Westfäl. Prov. Ver. Wiss. u. Kunst., ix, 1883, p. 80.
Rolandri (Retzius), De Geer, Gen. & Spec., 1783, p. 88 (*nec* Linn.).
saltatorius, Fabr., Syst. Rhyn., 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*, Gmelin, 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.
nemoralis, 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.
sewpunctatus, 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. Hct.,
 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. Hct.,
 vi, p. 76.
 „ { *rubromarginatus*, Lucas, Expl. Scient. Algerio, 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.

histrion, 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. Contr., Amer. Rhyn., 1883, p. 267, t. 23, f. 17: Uhler, List, p. 18.

Hab. Mexico.

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

Hab. Turkistan.

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

Hab. Germany.

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

Hab. Greece.

lineolatus (*Cimex*), Goezo, Ent. Beytr., ii, 1778, p. 267: Reuter, Rev. Syn. Hct., 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: Sahib. 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. Hct., 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. 36 (*nec* Linn.).

Hab. Nearly all Europe; Tunis, Turkistan [*Atk.*, Lillo, 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 (*Cimex*), Goeze, Ent. Beytr., ii, 1778, p. 279: Rout., 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: Moyer, 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: Sannd., 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 Foncr., Ent., Par., 1785, p. 207 (*nec* Linn.).

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

nebulosus, Fiebor, 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 (*Cimex*), Gmelin, Syst. Nat., iv, 1788, p. 2176: Rent., Rev. Syn. Het., p. 259.

♀ *biguttatus*, Schrank, Fanna 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. 486: Herr. Schöff., Wanz., Ins., iii, p. 79, t. 98, f. 298: Moyer, Rhyn. Schw., p. 51: Kirschb., Rhyn. Wiesb., p. 220, sp. 58: Flor, Rhyn. Liv., i, p. 498: Fieb., Eur. Hem., p. 254: Dougl. & Scott, Brit. Hem., p. 319: Walk., Cat. Het., vi, p. 73: Sannd., Syn., p. 270: Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 400; List, p. 18: Ronter, 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 (*Cimex*), Gmelin, Syst. Nat., iv, 1788, p. 2180: Rent., Rev. Syn. Het., p. 252.

cordiger, Schrank, Fanna 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. 535: 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. Suec., p. 84: Zett., Fauna Lapp., p. 488: Hahn, Wanz. Ins., ii, p. 133, t. 71, f. 218: Meyer, Rhyn. Schw., p. 94: F. Sahlb., Geoc. Fenn., p. 105: Costa, Cim. Regn. Neap., Cent, iii, p. 263: Kirschb., Rhyn. Wiosb., p. 216, sp. 50: Flor, Rhyn. Liv., i, p. 492: Fieber, Eur. Hem., p. 251: Dougl. & Scott, Brit. Hem., p. 318: Walk., Cat. Hot., 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. *fornicatus*, Fieber, Wion. Ent. Monats., viii, 1864, p. 218: Dougl. & Scott, Brit. Hem., p. 329: Walk., Cat. Het., vi, p. 75.
 Hab. Nearly all Europe [*Atk.*, Lillo, 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. 838, 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.
- pilicornis*, Panzer, Faun. Gorm., 1809, p. 99: Walker, Cat. Het., vi, p. 72: Kirschb., Rhyn. Wiesb., p. 222, sp. 61: Fieb., Eur. Hem., p. 252: Walk., Cat. Hot., vi, p. 72: Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 12.
anticus, 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, Hom. 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].
- Reichelii*, Fieber, Weit. Beitr., i, 1836, p. 103, t. 2, f. 2; Eur. Hom., 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.
bistriatus, Goezo, Ent. Beytr., ii, 1778, p. 278.
campestris, Panzer, Schöff., Ic., 1804, p. 19.
cruentatus, Goofer. in Foncr., 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. 236: Fallen, Mon. Cim., p. 79; *id.*, Hem. Succ., p. 86: Hahn, Wanz. Ins., i, p. 204, t. 33, f. 104: Burm., Handb. Ent., ii, p. 270: Moyer, Rhyn. Schwe. 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. Hom., p. 250: Dougl. & Scott, Brit. Hom., p. 327; Walk., Cat. Het., vi, p. 70.
 ? *pabulinus*, var. 3, Scop., Ent. Carn., 1763, p. 132.
rosatus, Schrank, Natnrh. Bem., 1796, p. 213: Fauna Boica, ii, p. 90.
sauciatus, Gmolin, Syst. Nat., 1788, p. 2191.
succinctus, Turton, Syst. Nat., ii, 1806, p. 694.
 Hab. Nearly all Europe [*Atk.*, Dunkirk].
- raeticus* (*Capsus*), Meyer, Renter, Rev. Mons. d' Ent., i, 1884, p. 213: Wion. Ent. Zeit., vii, p. 99.
lineolatus, Costa, Cim. Regn. Neap. Cent. iii, 1852 (*nec* Goeze).
palméni (*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. Schöff., Nomencl. Ent., i, 1835, p. 49: Renter, 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: Renter, Rev. Syn. Het., p. 257.
affinis, Herr. Schöff., Nomencl. Ent., 1835, p. 49: Kirschb., Rhyn., Wiesb., p. 210, sp. 39, 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.*, Ardentes, Indre].
- Samojedorum*, J. Sahlberg, K. Vet.-Aka. Handl., xvi (4), 1878, p. 24.
 Hab. N. W. Siberia.
- Schmidtii*, Fieber, Weit. Beit., i, 1836, p. 102, t. 2, f. 1.
bimaculatus, Herr. Schöff., Nomencl. Ent., 1835, p. 51; Wanz. Ins., vi, p. 48, t. 196, f. 607: Renter, 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. Franco, Italy, Germany, Russia: N. America.

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

Hab. Tunis.

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

Hab. Mexico.

seticornis (*Cimex*), Fabr., Syst. Ent., 1775, p. 725; *id.*, Syst. Rhyng., p. 244.: Wolff, Ic. Cim., iv, 1804, p. 158, t. 16, f. 152: Barm., Handb. Ent., ii (i), p. 269: Costa, Cim. Regn. Neap. Cent. i, p. 52: Kolenati, Mel. Ent., ii, p. 114: Fiob., Eur. Hem., p. 257: Dongl. & Scott, Brit. Hem., p. 324: Walk., Cat. Het., vi, p. 74: Saund., Syn., p. 267: Renter, 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. 28, t. 11, f. 76 (*nec* Linn.).

exoletus, Gmolin, Syst. Nat., iv, 1788, p. 2165.

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

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

lateralis, Fallen, Hem. Suec., 1829, p. 88: Zett., Ins. Lapp., p. 273: Moyer, 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 (*Cimex*), 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: Moyer, Rhyn. Schw., p. 92: Kolenati, Mel. Ent., ii, p. 106: Flor, Rhyn. Liv., i, p. 494: Fieb., Enr. Hem., p. 252: Dongl. & 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.

♀ *sexmaculatus*, Müller, Zool. Dan., 1776, p. 108.

♀ *termaculatus*, Gooze, Ent. Beytr., ii, 1778, p. 267.

♀ *ternatus*, Geoffr. in Fonrer., Ent. Par., 1785, p. 206.

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

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

Hab. Buenos Ayres.

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

Hab. Yarkand.

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

Hab. Spain, Italy.

superbus, Uhler, Wheolor, 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.

- tegnularis*, Puton, Rev. d' Ent., vii, 1888, p. 364.
Hab. Ghardaia, Laghouat, N. Africa.
- tenebrosus*, Reuter, Pot. Nouv. Ent., No. 136, 1875, p. 544.
Hab. Siberia.
- teinensis*, Meyer, Rhyn. Schw., 1843, p. 100, t. 6, f. 1 : Fieb., Enr. 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. Enrope, Astrakhan.
- tinetus*, 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 : Fiobor, 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., Enr. Hem., p. 256 : Walk.
Cat. Het., vi, p. 74 : Rent., Rev. Syn. Het., p. 257.
binotatus, var. *A.*, Blanch., Hist. Ins., 1840, p. 137.
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. n. Veräud. d. Schles. Ges.,
1846, p. 126 : Bär., 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*, Fiober, 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, Distaut, *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. Krainor 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 Tokke.

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. Zeits.*, xxv, 1881, p. 176.

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

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

validicorne, *Bohom., Nya Svenska Hem.*, 1852, p. 14, sp. 19.

- var. *ruficeps*, Reuter, Ofvers. Finska Soc. Förh., xxii, 1880, p. 17.
 Hab. Middle & S. Euro[pe] [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.
- signatum*, Distant, Biol. Centr. Amer. Rhyn., 1883, 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., 1883, 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 (*Cimex*), 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. Rhyng., 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. 490; 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.

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

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

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

suturalis, Jakowleff, Rev. Mens. d' Ent., i, 1883, p. 110.

Hab. Caucasus.

Genus **PROBOSCIDOCORIS.**

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

fuliginosus, Reuter, *l. c.*, p. 36.

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. 508.

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.

Fiebert, 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, Perris, 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, Ordubad.

scriptus (*Lygaeus*), Fabr., Syst. Rhyng., 1803, p. 234 (*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; Fedtseh. 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. Succ., p. 78; Herr. Schäff., 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.

Paykullii, 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 **DICHROSCYTUS.**

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

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

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

Hab. Germany, Roumania.

rufipennis (*Lygaeus*), Fallen, Mon. Cim. 1807, p. 84; *id.*, Hem. Succ., p. 92; Zett. Ins. Lapp., p. 274; Herr. Schäff. (*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 (*Dichroscytus*), Crit., 1859, 21; *id.*, Eur. Hem., p. 270; Flor, Rhyn. Liv., i, p. 489; Dougl. & Scott, Brit. Hom., 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. Noarly all Europe [*Atk.*, Vosges, France].

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

Hab. Franco, Germany, Greece, Tunis.

Genus **PLESIOCORIS.**

Fieber, Eur. Hem., 1861, p. 272 : Walk., Cat. Het., vi, p. 81 ; Renter, 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*), Enr. Hem., p. 272 : Walk., Cat. Het., vi, p. 81 : Sannd., Syn., p. 274 ; Renter, 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, Renter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 16 ; Rev. Caps., p. 61.

Orthops, Fieber, Wien. Ent. Monats., ii, 1858, p. 311 ; Enr. 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 Mout. 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*), Enr. 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 (*Deraeocoris*), 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. Emond., 1884, p. 75.
Hab. Buenos Ayres.
- ♀ *braehycnemis*, 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* (*Cimeæ*), Linn., Syst. Nat., (*ed.* 10), 1758, p. 448 (*nec. Auct.*): Geoffroy in Fourer., Ent. Par., p. 205; Rossi, Fann. Etrusc., p. 247; Fabr., Ent. Syst., iv, p. 171, ?; *id.*, Syst. Rhyng. p. 234 (*nec. Fallen*): Reuter, Rev. Syn. Het., p. 271.
lucidus, Kirsehb., Rhyn. Wiesb., 1855, p. 228, sp. 71, p. 291.
pastinacæ, Fallen, Mon. Cim., 1807, p. 86; *id.*, Hem. Snec., p. 94; F. Sahlb., Geoc. Fenu., 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, Opuse. Ent. iv, 1871, p. 427.
Hab. All Europe [*Atl.*, Lille].
- Carolinae*, Reuter, Caps. Amer., 1875, p. 71; Uhler, List, p. 18.
Hab. Carolina, S. United States.
- caucasicus*, Jakowleff, Trudi. Ent. Ross., xii, 1880, p. 125.
Hab. Caucasus.
- cervinus* (*Capsus*), Herr. Schöff., Wauz., Ins., vi, 1842, p. 57, t. 199, f. 617; Meyer, Rhyn., Schw. 1843, p. 103; Kirschb., Rhyu. Wiesb., p. 222, sp. 60; Fieber, Eur.

- Hem., p. 279 : Dongl. & 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.
- cestratus*, Berg, Hem. Arg., Add. Emend., 1884, p. 74.
 Hab. Urugnay.
- 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 : Rent. Ferr., Ann. Mns. Civ. Gen., (2 s.) i, 1884, p. 478, ♀.
 Hab. Algeria, Biskra.
- contaminatus* (*Phytocoris*), Fallen, Hem. Snec., 1829, p. 97 : Zett., Ins. Lapp., p. 272 : F. Sahlb., Geoc. Fonn., 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. 531, pt.
sulcifrons, Douglas & Scott, Brit. Hem., 1865, p. 459 (*nec* Kirschb., 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* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 52 : Walk., Cat. Het., vi, p. 104.
 Hab. Rio Janeiro.
- dilatatus* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 52 : Walk., Cat. Het., vi, p. 104.
 Hab. Rio Janeiro.
- dislocatus* (*Capsus*), Say, Hem. Het., Now 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*, Renter, 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.
- Forelii* (Moyer), Fieber, Weit. Beitr., 1831, sp. 9 ; Eur. Hem., p. 279 : Walker, Cat. Het., vi, p. 85.
- fratrueilis*, Berg, Hem. Arg., 1879, p. 289.
Hab. Buenos Ayres.
- fraudans* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 52 : Walk., Cat. Het., vi, p. 104.
Hab. Rio Janeiro.
- fraudulentus* (*Deraeocoris*), 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* (*Deraeocoris*), 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*, Renter, 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* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 35 : Walk., Cat. Het., vi, p. 105.
Hab. Rio Janeiro.
- inspersus*, Distant, Biol. Contr. 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* (*Cimex*), 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. 273, sp. 68 : Flor, Rhyn. Liv., i, p. 521 : Fieber, Enr. Hem., p. 280 : Dougl. & Scott, Brit. Hem., p. 452 : Walk., Cat. Het., vi, p. 86 : Sannd., 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.

- ? *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.
 ? *ribis*, Schrank, Fauna Boica, 1801, p. 91.
 ? *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: Falleu, 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.*, Thrin, 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. Snec., 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, Enr. Hem., p. 274: Walker, Cat. Het., vi, p. 82: Reuter, Bih. Vet.-Aka. Handl., iii (i), p. 17; *id.*, Rev. Caps. p. 67.
 Hab. Nearly all Enrope.
- 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 Pnton, 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).
 ? *declivis*, Scholtz, Arb. n. Veränd. d. Schles. Ges., 1846, p. 69.
pabulinus, F. Sahlb., Mon. Geoc., 1848, p. 101 (*nec* Linn.).
 var. *nigronasutus*, Reuter, Rev. Caps., p. 69 (*nec* Stål).
 Hab. N. & Middle Enrope, 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, Cau. Ent., xviii, 1886, p. 208: Bull. Un. St. Dep. Agric., xiii, 1887, p. 63.
 Hab. Canada.
- montanus*, Schill., Arb. u. Veränd. d. Schles. Ges. 1836: Scholtz l. c., 1846, p. 33: Fieb., Enr. 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.

nigronasutus, 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., Rhyng. Wiesb., p. 217, sp. 52 : Flor, Rhyn. Liv., i, p. 507 : 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 Feurer., Ent. Par., 1785, p. 208, pt.

affinis, Meyer, Rhyn. Schw., 1843, p. 48, t. 1, f. 5 (*nee* 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.*, Lillo].

pachyememis, Reuter, Ofvers. Finska Sec. 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. Switzerlaud, 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 Feurer., Ent. Paris., p. 205 : Rossi, Faun. Etruse., ii, p. 246 : Fallen, Men. 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. Snrv., 1872, p. 413.
lineolaris, Pal. Beanv. Ins. Afric. Amer., 1805-21, p. 187, t. 11, f. 7: Uhler, Hayden Surv. Mont., 1872, p. 413; Bnll. 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. 11-13; *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, Mol. Ent., ii, 1845, p. 120.
 var. *campestris*, Fallen, Mon. Cim., 1807, p. 83; *id.*, Hem. Snec., 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., Enr. Hem., p. 273: Dougl. & Scott, Brit. Hem., p. 463: Renter, 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: Renter, Rev. Caps., p. 71.
adspersus, 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; Renter, Rev. Caps., p. 71.
 Hab. All Enrope, Trnkistan, N. Asia, Canada, United States, Mexico, Guatemala [*Atk.*, Genoa, Lillo, Hungary, United States, E. Florida].
- purgatus* (*Deraeocoris*), Stål, Rio Jan. Hem., i, 1858, p. 51: Walk., Cat. Het., vi, p. 104.
 Hab. Rio Janeiro.
- rhamnocola*, Renter, Medd. Soc. Fenn., xi, 1885, p. 164.
limbatus, var. d, J. Sahlb.
 Hab. Siberia, Finland.
- rubricatus* (*Phytocoris*), Fallen, Hem. Snec., 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, Opuso. Ent., iv, p. 21: Walk., Cat. Hot., vi, p. 52: Samml., Syn., p. 277: Renter, 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*, Renter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 34.
 Hab. S. France, Algeria.
- rutilans*, Horvath, Rev. d' Ent., vii, 1888, 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*, Renter, Ofvers. Finska Soc., Förh. xxi, 1879, p. 200 : Fedtsch. Trnk., 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.
- sticticollis* (*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.
- tactus*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 273, t. 26, f. 9.
Hab. Guatemala, Cerro Znnil.
- 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.
- tribulis*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 273, t. 26, f. 10.
Hab. Guatemala, Cerro Znnil.
- 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. Succ., p. 93: F. Sahlb., Geoc. Fenn., p. 106: Flor, Rhyn. Liv., i, p. 532 pt: Saund., Syn., 654, 2a; Reuter, 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., Fourer. 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, Reuter, Caps. Amer., 1875, p. 71: Uhler, List, p. 18.
 Hab. Texas.
- vittiscutis (*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: Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 19: Walker, Cat. Het., vi, p. 85, 88.
Hadrodema, Fieber, Eur. Hem., p. 68, 277: Reut., Rev. Caps., p. 76.
- nigriceps (*Phytocoris*), Fallen, Hem. Succ., 1829, p. 104: Fieb., Verh. Zool. Bot. Ges. Wien, xx, 1870, p. 250, t. 6, f. 7: Walk., Cat. Het., vi, p. 88: Reuter, Caps. Syn., p. 12; Rev. Caps., p. 77.
 Hab. Scandinavia.
- parvulus, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 35.
 Hab. Algeria.
- pinastri (*Lygaeus*), Fallen, Mon. Cim., 1807, p. 95; *id.* (*Phytocoris*), Hem. Succ., 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: Reuter, Rev. Caps., p. 77; Ent. Mou. 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. Zoit., xix, 1858, p. 184, ♀: Walk., Cat. Het., vi, p. 89.
 Hab. Siberia, Irkutsk.

Genus **CYPHODEMA.**

- Fieber, Crit. Gen. Phyt., 1859, 40; Enr. Hem., p. 68, 272: Walk., Cat. Het., vi, p. 81: Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 19; Rov. 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. Algerio, 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.
tritæmia, Amyot, Mon. sp. 246: Costa, Cim. Regn. Neap. Cent., iii, 1852.
 Hab. Corsica, Algeria, Tunis [*Atk.*, Gonoa].
mendosa, Montandon, Rev. d' Ent., vi, 1887, p. 66.
 Hab. Herzegovina.
Oberthuri, Puton, 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*), Geoe. 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; Rov. 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. 73; Rov. 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. Amor., 1875, p. 73: (*Systratiotus*) Uhler, List, p. 19.
 Hab. Texas.

- basalis*, Renter, *l. c.*, p. 73 : Uhler, List, p. 19.
sericeus, Uhler, Bnl. Un. St. Surv., iii, 1877, p. 422.
 Hab. Quebec to Florida, Texas [*Atk.*, United States].
- brevicornis*, Renter, Ofvers. Finska 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. Hnngary.
- 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.*, Hnngary].
- 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, Hcm. Arg., Add. Emend., 1884, p. 77.
 Hab. Buenos Ayres.
- ♀ *geminus* (*Capsus*), Say : Uhler, List, p. 19.
 Hab. United Sates.
- Gyllenhalii* (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 97 : Zett., Ins. Lapp., p. 275 : Herr. Schäff. (*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 Enrope, Trnkistan [*Atk.*, Lille, Hungary, Genoa].
- holosericeus* (*Polymerus*), Hahn, Wanz. Ins., i, 1831, p. 27, t. 4, f. 17 : Kirschb., Rhyu. Wiesb., p. 229, sp. 74, p. 274 ? : Fieb., Eur. Hem., p. 271 : Walker, Cat. Het., vi, p. 81 : Rent., 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*, Renter, Ent. Tidjsk., v, 1884, p. 196.
 Hab. Nicobar Islands.
- nigritus* (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 97 : Zett., Ins. Lapp., p. 275 : Herr. Schäff. (*Capsus*), Wanz. Ins., vi, p. 45, t. 195, f. 601 : F. Sahlb., Geoc. Fonn., 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.

piceus (*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 : Kirsehb., 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.

? *tomentosus*, Vill., Ent. auct., 1789, p. 528.

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

var. $\left\{ \begin{array}{l} \textit{lateralis}$, 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 (*Poeciloscytus*), Eur. Hem., p. 277 : Walk., Cat. Het., vi, p. 84 : Thoms., Opuse. Ent., iv, p. 428 : Reuter, Rev. Caps., p. 83 : Fedtseh. Turk., p. 12.

Dalmani, Fallen, Hem. Suec., 1829, p. 87 : Hahn, Wanz. Ins., i, 1831, p. 210, t. 34, f. 108 : Herr. Schäff., Nomencl. Ent., p. 51 : Kirsehb., 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., Vorh. 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 Pnton, 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): Dongl. & Scott, Brit. Hem., p. 448.
 Hab. Nearly all Europe [*Atk.*, Lillo, Stazzano].
- nebulosus*, Uhler, Haydon 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. 158; Ent. Tidskr., v, 1884, p. 197, var.
 Hab. Madeira.
- pilipes*, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 201: Fedtsch. Trnk., p. 13.
 Hab. Turkistan.
- punctulatus* (*Phytocoris*), Fallen, Hem. Snec., 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: Kirsehb., Rhyn. Wiesb., p. 227, sp. 69?: Fieb., Eur. Hem., p. 248?: Walk., Cat. Het., vi, p. 69.
 var. *serena*, Dongl. & 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*, Montandon, Rev. d' Ent., iv, 1885, p. 280.
 Hab. Dobrudscha.

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 Zuñil.
- frumentarius*, Distant, Biol. Centr. Amer. Rhyn., 1884, p. 275, t. 26, f. 12.
 Hab. Panama, Volcano do Chiriqui.
- goniphorus* (*Capsus*), Say, Compl. Writ., i, 1859, p. 241: Reut., Caps. Amer., p. 74, vars: Uhler, List, p. 19.

- melananthus*, 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. Rhyn.,
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, Stottin. Ent. Zeit., xxiii, 1862, p. 319, ♂; Walk.
Cat. Het., vi, p. 99; Reut., Caps. Amer., p. 74; Distant, Biol. Centr. Amer. Rhyn.,
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 **CALLICAPSUS.**

- Reuter, Caps. Amer., 1875, p. 75.
histrion, 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. Rhyn., 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, Volcane de Chiriqui.

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

Hab. Guatemala, Cerro Zunil.

Genus **HEMICEROCORIS.**

Lethierry, Ann. Sec. Ent. Belg., xxv, 1881, p. 11 : Reuter, Zeel. Jahr., Arthr., 1881, p. 74.

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

Hab. Guadeloupe.

Genus **LIOCORIS.**

Fieber, Crit. Gen. Phyt., 1859, g. 37, t. 6, f. 15 : Eur. Hem., p. 67, 270 : Walker, Cat. Het., vi, p. 80 : Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 20 ; Rev. Caps. p. 85.

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

Hab. Ceylon.

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

Hab. Antilles.

tripustulatus (*Cimex*), Fabr., Spec. Ins., ii, 1781, p. 370 ; *id.*, Syst. Rhyng., p. 289 : Schrank, Fauna Boica, ii, p. 88 : Zett., Ins. Lapp., p. 492 : Fallen, Hem. Saec., 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., Gecc. Fenn., p. 113 : Costa, Cim. Regn. Neap. Cent. iii, p. 39 : Kirschb., Rhyn. Wiesb., p. 224, sp. 65, p. 272 : Fler, Rhyn. Liv., i, p. 515 : Fieb. (*Liocoris*), Crit. 21 ; Eur. Hem., p. 271 : Dengl & 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., Feurer. 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 : Puten, Cat., 1886.

Macrocapsus, Reuter, Ofvers. Finska Sec. Förh., xxi, 1879, p. 55 ; Zeel. Jahr., 1879, p. 509.

annulipes, Herr. Schäff., Wanz. Ins., vi, 1842, 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; (*Macrocapsus*) 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, Wanz. 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 [*Atk.*, N. France].
- fratruelis*, Berg, Hem. Arg., 1879, p. 289; Exped. Rio Negro, Zool., p. 82, t. 2, f. 3.
Hab. Buenos Ayres.
- Freyii*, 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.
- Martinii*, Puton, Rev. d' Ent., 1887, p. 303.
Hab. Algeria.
- olivaceus* (*Cimex*), 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, Goeze, Ent. Beytr., ii, 1778, p. 278.
var. *erythrostomus*, 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, 90.
episcopalis, Costa, Addit. Cim. Regn. Neap., 1860, p. 28, f. 7.
var. *minus*, 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.
- Sebach* (*Cimex*), Fabr., Spec. Ins., ii, 1781, p. 371: *id.*, Syst. Rhyng., p. 241: Latreille, Hist. Nat., xii, 1804, p. 230: Stål, Hom. 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: Coqnoh., Ill. Ic., ii, p. 83, t. 19, f. 8: Zett., Acta Holm., 1819, p. 74: Fallen, Hom. Suce., 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*, Bohom., Nya Svens. Hom., 1852, p. 68: Reuter, Caps. Syn., p. 6; Rev. Caps. p. 90.
 Hab. Nearly all Europe [*Atk.*, Sarepta, S. Russia].
- seguisinus* (*Cimex*), 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, Hom. Fabr., i, p. 87: Walk., Cat. Het., vi, p. 79: Uhlor, Proc. Bost. Soc. N. H., xix, 1878, p. 408; List, p. 19: Perret, 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., Fourer. Ent. Par. p. 200.
Daniae, Turton, Syst. Nat., ii, 1806, p. 674.
flammeus, Geoffr., Fourer. 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.
haematostictos, Gmelin, l. c., p. 2181.
laniarius, Linn., Syst. Nat. (*ed.* 12), 1767, p. 726: Reut., Rev. Caps. p. 88: Saund., Syn., p. 271.
 ? *luteus*, 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. Succ., p. 251.

rubro-acuminatus, Goezo, 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. Succ., 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., 93, 1804, f. 20: Spinola, Ess., p. 190: Dufour, Recherch., 1833, p. 176: Meyer, Rhyn. Schw., p. 108: Kirschb., Rhyn. Wiesb., p. 212, sp. 41: Flor, Rhyn. Liv., i, p. 509: Fieber, Crit., 1859, 19.

Hab. All Europe; United States, Brazil (Uhler) [*Atk.*, Lille, Genoa, Hungary].

trifasciatus (*Cimex*), 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. & Sorv., Ins. Hem., p. 281: Meyer, Rhyn. Schw., p. 107: Costa, Cim. Regn. Neap., Cont. iii, p. 45: Kirschb., Rhyn. Wiesb., p. 213, sp. 43: Fieber, Eur. Hem., p. 265: Walkor, 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., 73, 1801, f. 20: Spinola, Ess., p. 190: Fieb. Crit., 1859, 19.

variegatus, Geoffroy, Fourcr., Ent. Paris., 1785, p. 200.

? var. *annulatus*, Germar, Reiso Dalm., 1817, p. 285.

var. *bipartitus*, Horvath, Termos 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. Franco, Germany, Italy, Syria.

Genus **MORNA.**

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

capsoides, F. B. White, l. c., p. 131.

Hab. Now Zealand.

Genus **COCCOBAPHES.**

Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 401; List, p. 19; Reuter (*Coccobaphes*), Zool. Jahrb., 1879, p. 507.

sauginarius (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 : Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 21.

Acropelta, Molla, 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, Molla, 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 : Reut., 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.

Fairmairei, 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. 151, ♀ (*formbrach.*).

Minkii, Fieber, Wien. Ent. Monats., viii, 1864, p. 77, t. 2, 7 *i, 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 : Reut., 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, Pantaloon; 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.

variogatus, 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, Capotillo.

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 **CIMATLAN.**

Distant, Biol. Centr. Amer. Rhyn., 1884, p. 281.

delicatum, Distant, *l. c.*, p. 281, t. 27, f. 15.

Hab. Guatemala, Panajachol.

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 **HENICOCNEMIS.**

Stål, Rio Jan. Mem., i, 1858, p. 53: Dist., Biol. Centr. Amer. Rhyn., p. 282: Walkor, 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 : Renter, 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. Succ., 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 : Renter, Rev. Caps., p. 94 : Uhler, Proc. Bost. Soc. N. H., xix, 1878, p. 411 : Renter, 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, Fann. 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].

brachyeerus, Uhler, Hayden Surv. Mont., 1872, p. 416 ; Bull. Un. St. Surv., ii, 1876, p. 319 ; List, p. 19.

Hab. California, Colorado.

einctus, Kolenati, Mel. Ent., ii, 1845, p. 128, t. 11, f. 29 : Fiob., Eur. Hem., p. 261 : Walk., Cat. Het., vi, p. 77 : Renter, Fedtsch. Turk., p. 14.

Hab. Caucasus, Turkistan.

intermedius, Renter, 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, *Oftvers. Vet.-Aka. Förh.*, 1870, p. 670.

pellucidus (*Capsus*), Stål, *Freg. Eug. Resa, Hem.*, 1859, p. 255 : Walk., *Cat. Het.*, vi, p. 127.

Hab. Honolulu.

vitripennis (*Capsus*), Stål, *Oftvers. Vet.-Aka. Förh.*, 1855, p. 186 ; *Freg. Eug. Rosa, Hem.*, 1859, p. 255 : *Oftvers. Vet.-Aka. Förh.*, 1870, p. 671 : Walk., *Cat. Het.*, vi, p. 118.

Hab. Philippines, Java.

Genus **MACROLONIUS.**

Stål, *Oftvers. K. Vet.-Aka. Förh.*, 1870, p. 670, note.

sobrinus (*Capsus*), Stål, *Oftvers. K. Vet.-Aka. Förh.*, 1855, p. 186 ; *Oftvers. 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. Mesc.*, 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* (*Leptomerocoris*), Walker, Cat. Het., 1873, p. 145.
Hab. Australia.
- anthracinus* (*Ectopiocerus*), Uhler, List, 1886, p. 20.
Hab. United States.
- apifeifer* (*Capsus*), Walker, Cat. Hot., vi, 1873, p. 124.
Hab. Makian, Celebes.
- aurulentus*, Schill., Arb. u. Veränd. d. Schles. Ges., 1836.
Hab. Sillesia.
- bicinctus* (*Capsus*), Walker, Cat. Het., 1873, p. 100: Uhler, List, p. 21.
Hab. Oajaca.
- caneseens* (*Capsus*), Walker, Cat. Het., vi, 1873, p. 121.
Hab. Malacca.
- 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. Hot., vi, 1873, p. 93: Uhler, List, p. 21.
Hab. E. Florida.
- coeruleseens* (*Capsus*), Scholtz, Arb. u. Veränd. d. Schles. Gos., 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.
- cuneatus* (*Capsus*), Stål, Rio. Jan. Hem., i, 1858, p. 55: Walk., Cat. Het., vi, p. 144.
Hab. Rio Janeiro.
- Dallasii* (*Capsus*), Stål, Freg. Eug. Resa, Hem., 1859, p. 258.
Hab. Sydney.
- desertus* (*Capsus*), Beeker, Bull. Mose., xxxvii (i), 1865, p. 488: Walker, Cat. Het., vi, p. 90.
Hab. S. Russia, Sarepta.
- dilutus* (*Capsus*), Stål, Freg. Eug. Resa, Hem., 1859, p. 256.
Hab. Sydney.
- dimidiatus* (*Capsus*), Guérin, R. de Sagra's Hist. Fis. Cuba, vii, 1856, p. 168: 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*), Prevancher, 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.
- halimocnemis* (*Capsus*), Becker, Bull. Mosc., xxxvii (i), 1865, p. 485: Walker, Cat. Het., vi, p. 89.
Hab. S. Russia, Sarepta.
- hirsutulus* (*Capsus*), Walker, Cat. Het., vi, 1873, p. 95: Uhler, List, p. 21.
Hab. Lake Huren.
- illegidus*. 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* (*Cimeæ*), Rossi, Fauna Etrusc., 1790, p. 247.
Hab. Italy.
- intaminatus* (*Capsus*), Walker, Cat. Het. p. 127.
Hab. New Zealand.
- Kinbergii* (*Capsus*), Stål, Freg. Eng. Resa, Hom., 1859, p. 255.
Hab. Sydney.
- laticinctus* (*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* (*Leptomerocoris*), Walker, Cat. Het., vi, 1873, p. 146.
Hab. New Zealand.
- marginicollis* (*Capsus*), Walker, *l. c.*, p. 128.
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. Sec. Ent. Fr., (4 s.) iii, 1863, p. 572 : Walk., Cat. Het., vi, p. 108.
Hab. Chili.
- obesulus* (*Capsus* ?), Wellasten, 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. Sec. 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.
- pacificus* (*Capsus*), Stål, Frog. Eug. Resa, Hom., 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. Schäff., *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. Anstralia.
- pistacinus* (*Leptomerochoris*), Motsch., *Bull. Mosc.*, xxxvi (3), 1863, p. 85.
Hab. Ceylon.
- Proserpinae* (*Capsus*), Mulsant & Rey, *Ann. Soc. Linn. Lyon*, 1852.
Hab. France.
- pulcher* (*Oncodepsus*), Uhler, *List*, 1886, p. 17.
Hab. W. indics.
- 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. Schäff., *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. Eug. Resa, Hem.*, 1859, p. 258.
Hab. Sydney.
- signatipes* (*Capsus*), Herr. Schäff., *Nomencl. Ent.*, 1835, p. 49.
Hab. Germany.
- Signoretii* (*Capsus*), Stål, *Freg. Eug. Resa, Hom.*, 1859, p. 257 : *Walk., Cat. Het.*, vi, p. 105.
Hab. Rio Janeiro.
- simplex* (*Leptomerochoris*), 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*), Ronter, *Pet. Nouv. Ent. No. 136, 1874*, p. 541.
Hab. Sibiria.
- 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, Swakop river.
- tagalicus* (*Capsus*), Stål, *Freg. Eng. 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, Ofvers. 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. Schäff., 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.
Camaronotus, Fieber, Crit. Gen., 1859, 79, t. 6, f. 28; Eur. Hem., p. 74, 313; Dougl. & Scott, Brit. Hom., p. 358.
- amoenus*, Uhler, Ent. Am., iii, 1887, p. 30.
Hab. N. America.
- angustulus*, Reuter, Rev. d' Ent., vii, 1888, p. 227.
Hab. Moroa.
- cinnamopterus* (*Leptomerocoris*), Kirschbaum, Rhyn. Wiesb., 1855, p. 232 sp. 81, p. 276, 259; Flor, Rhyn. Liv., i, p. 572; Fieber (*Camaronotus*), 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; Latrille, Hist. Nat., xii, p. 230; Zott., 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. (*nee* Kirschb.).
Hab. Nearly all Europe; N. America [*Atk.*, Switzerland].
- clavatus* (*Cimex*), Linn., Syst. Nat. (*ed.* 12), 1767, p. 729; Gmelin, Syst. Nat., iv, 1788, p. 2163, ?; Zott., Ins. Lapp., p. 278; Westwood, Introd. Mod. Class. Ins., ii, p. 121; Moyer, 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. Hom., 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, Fanna Boica, 1801, p. 86 (*nec* Fabr.); Fallen, Mon. Cim., p. 99; *id.*, Fann. Snec., p. 118: Hahn, (*Pilophorus*), Icon. Cim., 1826, f. 22: Zett., Fann. Lapp., p. 498: Walk., Cat. Het., vi, p. 76.
? *trilineatus*, Müller, Zool. Dan., 1776, p. 106.

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

confusus, Kirschbann, 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. 113: 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. Schäff, Wanz. Ins., iii, 1835, p. 47, t. 87, f. 264 (*nec* Linn.).

var. *nitidicollis*, Pnton, Rev. d' Ent. vi, 1887, p. 103.

Hab. Nearly all Europe, Turkistan, N. America [*Atk.*, Duukirk].

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 **PAMILLIA.**

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, Dongl. & Scott, Ent. Mon. Mag., viii, 1872, p. 195: Walk. Cat. Het., vi, p. 87.

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

Hab. S. Franco, Italy, Algeria [*Atk.*, Pyrenees].

Scottii, Berg, Hem. Arg., Add. Emend., 1884, p. 86.

Hab. Buenos Ayres.

Genus **SERICOPHANES.**

Renter, Caps. Amer., 1875, p. 79.

ocellatus, Renter, *l. c.*, p. 79: Uhler, List, p. 19.

Hab. Texas.

Genus **MYRMECOMIMUS.**

Renter, Berlin. Ent. Zeits., xxv, 1881, p. 178; *id.*, Zool. Jahr, Arthr., 1881, p. 247.

Myrmicomimus, Renter, *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: Renter, Berlin. Ent. Zeits., xxv, 1881, p. 178.

Hab. Italy.

Genus **CREMNOCEPHALUS.**

Fieber, Eur. Hem., 1861, p. 63, 246: Walk., Cat. Het., vi, p. 52: Renter, Rev. Caps., p. 124.

Cremnodes, Fieb., Crit. Gen. Phyt., 1859, 14, t. 6, f. 27.

albolineatus, Renter, Vorh. Zool. Bot. Ges. Wien, 1875, p. 87; Rev. Syn. Het., p. 292.

umbratilis, Fabr., Mant. Ins., 1787, p. 305 (*nec* Linn.); Syst. Rhyn., p. 243: Fallen, Mon. Cim., p. 101; *id.*, Hem. Suec., p. 121: Herr. Schäff., Wanz. Ins., iii, 1835, p. 49, t. 87, f. 266: Meyer, Rhyn. Schw., p. 58: F. Sahlb., Geoc. Fenn., p. 93: Fieber (*Cremnocephalus*), Eur. Hem., p. 246: Thoms., Opusc. Ent., iv, 1871, p. 442: Walk., Cat. Het., vi, p. 52: Renter, Rev. Caps., p. 124.

Hab. Europe, especially W. Europe [*Atk.*, Hungary].

Genus **MYRMECOPEPLUS.**

Berg, Hem. Arg. Add. Emend., 1884, p. 84.

ornatus (*Monaloniion*), 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 Vct.-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.

Miscelii, 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, Signeret, Nouv. guide Amat. Ins., 1859, p. 49; Ann. Sec. Ent. Fr., (5 s.) v, 1865, p. 125: Walk., Cat. Het., vi, p. 66.

Hab. France.

triguttatus (*Cimex*), Linn., Syst. Nat., (ed. 12), 1767, p. 729: Latreille, Hist. Nat., xii, 1804, p. 227 (*nec* Fabr.): Fallen, Men. Cim., p. 101; Hem. Succ., 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. Wicsb., 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: Thomsen, Opusc. Ent., iv, 1871, p. 86: Walk., Cat. Het., vi, p. 65: Saund., Syn., p. 233: 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, Cesta, 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; Zeol. 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: Renter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 26.

pilosa, Renter, Ofvers. Finska Soo. Förh., xxv, 1860, p. 31.

Hab. Addah, W. Africa.

suturalis, Horr. 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* Paton, Rev. d' Ent., ii, p. 287.

Hab. Hungary, Italy.

Genus **EROTICORIS.**

Dougl. & Scott, Brit. Hem., 1865, p. 471 : Walker, Cat. Het., vi, p. 60 : Renter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 27 ; Rev. Caps., p. 122.

Allodapus, Fieber, Eur. Hem., 1861, p. 262 (*nom-praeoc*).

Hallodapus, Fieber, *l. c.*, p. 66.

? *Omphalonotus*, Renter, 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 : Renter, Pet. Nouv. Ent., ii, 1876, p. 27.

Hab. Germany.

rufescens (*Halticus*), Birm., Handb. Ent., ii (i), 1835, 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.*) : Sannd., Syn., p. 281 : Renter, Pet. Nouv. Ent., 1876, p. 26 ; Rev. Caps., p. 123.

brachypterus (*Capsus*), Bohom., Vet.-Aka. Handl., 1849, p. 254 : Kirschb., Rhyn. Wiesb., p. 231, sp. 78, p. 275.

coryzoides, 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.**

Renter, Caps. Amer., 1875, p. 81.

punctulata, Renter, *l. c.*, p. 82 : Uhlor, List, p. 20.

Hab. Texas.

Genus **ETHELASTIA.**

Renter, Pet. Nouv., Ent., ii, No. 147, 1876, p. 34.

inconspicua (Jakowleff), Renter, *l. c.*, p. 34.

Hab. S. Russia.

Div. VIII, **DIPLACARIA**, Renter, Mem. 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, Stottin. Ent. Zeit., xix, 1858, p. 183, t. 1, f. 3 (*form. macr.*): J. Sahlb., Notis. Skpts Fann. Fl. Fenn, xi, 1871, p. 465 (*form. brach.*): Walker, Cat. Het., vi, p. 138: Renter, Caps. Syn., 1875, p. 4; Rev. Caps., p. 116: J. Sahlb., Vet.-Aka. Handl., xvi, (4), 1878, p. 28: Jakowloff, 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, Renter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 172; Fedtsch. Turk., p. 19.

Hab. Turkistan.

nigripes, Renter, *l. c.*, p. 172; Fedtsch. Turk., p. 18.

Hab. Turkistan.

Div. IX, **LABOPARIA**, Renter, Hem. Gymn. Enr., 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. Ncap., Cent. iii, p. 53: Thomson, Opusc. Ent., iv, 1871, p. 441: Sannid., Syn, p. 287: Reuter, Abo Hem., p. 170; Rev. Caps., p. 106; Fedtsch. Turk., p. 17; Rov. Syn. Het., p. 286.

pallicornis (*Acanthia*), Fabr., Ent. Syst., iv, 1794, p. 69; *id.*, (*Salda*), Syst. Rhyng., p. 115: Wolff, Ic. 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. Wiosb., p. 262, 280, sp. 151: Fieber, Crit. 24; *id.*, Eur. Hom., 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, Horr. Schöff., Nomencl. Ent., i, 1835, p. 53: Flor, Rhyng. Liv., i, p. 583: 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.

- braeteatus* (*Capsus*), Say; Uhler, List, p. 20.
Hab. United States.
- consimilis*, Jakowleff, Trudi Rnsski Ent., x, 1876-77, p. 94.
Hab. N. Persia, S. Russia.
- Hensehii*, Rentor, Rev. d' Ent., viii, 1888, p. 58.
Hab. Illyria.
- luteicollis* (*Lygaeus*), Panzer, Faun. Germ., 1805, 93, f. 18, Lepel. & Serv., Enc. Méth., x, p. 324; Lap. (*Miris*), Ess. Class. Syst., 1832, p. 40; Herr. Schäff., Nomenel. Ent., i, p. 53; Fieb., Eur. Hem., p. 231; Dougl. & Seott, Brit. Hem., p. 480, t. 21, f. 1; Saund., Syn., p. 287; Walk., Cat. Het., vi, p. 129; Renter, 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. Schäff., Wanz. Ins., vi, 1842, p. 47, t. 196, f. 606; Costa, Cim. Regn. Neap., Cent. iii, 1852, p. 53; Kirsehb., Rhyn. Wiesb., p. 260, sp. 147.
Hab. S. & Middle Europe [*Atk.*, Lille, Stazzano].
- maerecephalus*, Fieber, Crit. sp., 1859, 12; Enr. Hom., p. 282; Wien. Ent. Monats., viii, 1864, p. 221; Walk., Cat. Het., vi, p. 129.
Hab. Corsica.
- minutus*, Renter, 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. Schäff., Nomenel. Ent., 1835, p. 53; Reut., Abe. Hem., /p. 170; Rev. Caps., p. 107.
arenarius, (*Attus*), Hahn, Wanz. Ins., iii, 1835, p. 34, t. 84, f. 255; Kirsehb., 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* (*Cimex*), Geoffr., Fenrer. Ent. Par., 1785, p. 218; Rossi, Mant. Ins., ii, 1794, p. 56; Renter, Rev. Syn. Het., p. 287.
erythrocephalus, Herr. Schäff., Nomenel. Ent., i, 1835, p. 53; Kirsehb., Rhyn. Wiesb., p. 262, sp. 152; Fieber, Eur. Hem., p. 281; Walk., Cat. Het., vi, p. 129; Renter, Berlin. Ent. Zeits., xxv, 1881, p. 179.
leucocephalus, Goeze, Ent. Beytr., ii, 1778 (*nec* Linn.), p. 205.
mercurialis (*Astemma*), Gnérin, Leon. 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 Ayros.

Genus **CORIDROMIUS.**

Signerct, Bull. Sec. Ent. Fr. (4 s.), ii, 1862, p. v.

Ocyppus, Montrouzier, l. c., Ann., i, 1861, p. 67 (*nom. praeoc.*).

variegatus (*Ocyppus*), 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, Fiebor, Crit. Gen. Phyt., 1859, g. 46, t. 6, f. 12: Dougl. & Scett, Brit. Hem., p. 481: Eur. Hem., p. 69, 280: Walk., Cat. Het., vi, p. 133: Renter, Rev. Caps., p. 103.

amabilis, Dougl. & Scett, Ent. Mon. Mag., iv, 1868, p. 136: Walk., Cat. Het., vi, p. 134.

Hab. Syria.

cicadifrons, Costa, Cent. Cim. Regn. Neap., iii, 1852, p. 263: Reut., Rev. Syn. Het., p. 286.

? *leucocephalus*, Coq., Ill. Ic. Ins., ii, 1801, p. 83, t. 19, f. 9 (*nec* Linn.).

Hab. Italy, S. France, Spain.

crythroleptus, Cesta, 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 Goer, 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?; Welff (*Lygaeus*), Ic. 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*), Fann. Lapp., p. 495; *id.*, Ius. 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: Cesta, Cim. Regn. Neap. Cent. iii, p. 48: Kirschb., Rhyn. Wiesb., p. 246, sp. 114: Fler, Rhyn. Liv., i, p. 558: Fieber (*Stiphrosoma*), Crit., 24; *id.*, Eur. Hem., p. 281: Dougl. & Scett, 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: Renter, Rev. Caps., p. 104; Ent. Men. 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: Router, Rev. Caps., p. 104.

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

luridus (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 112: Herr. Schäff., Wauz. Ins., iii, 1835, p. 87, t. 101, f. 312: Fler, 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: Renter, Rev. Caps., p. 105.

Hab. Nearly all Europe.

niger (*Capsus*), Herr. Schäff., Nomencl. Ent., i, 1835, p. 53.

atrocoeruleus, Fieber, Wien. Ent. Monats., viii, 1864, p. 329: Walk., Cat. Het., vi, p. 134.

Hab. S. Enrope.

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 Fann. Andal., 1842.

Hab. Scandinavia, France, Germany, Russia.

stygius (*Capsus*), Say: Uhler, List, p. 20.

Hab. United States.

Genus **TENTHECORIS.**

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. Hnngary.

Genus **PLATYPSALLUS.**

J. Sahlberg, Not. Skpts. pro Faun. Flor. Fenn. xiv, 1870, p. 308: Renter, 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: Renter, 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: Renter, 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, Renter, 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: Renter, Rev. Caps., p. 109.

- subg. *Euryopicoris*, Reuter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 24; Rev. Caps., p. 115.
- „ *Labops*, Brnmeister, Handb. Ent., ii (i), 1835, p. 279; Walk., *l. c.*, *supra*, p. 137; Reuter, *l. c.*, *supra*, p. 24.
- „ *Ophthalmocoris*, Zett., Ius. Lap., 1840, p. 280.
- „ *Pachytoma*, Costa, Ann. Sec. Ent. Fr., 1841, x, p. 288; Walk., *l. c.*, *supra* p. 135.
- alutaceus**, Puten, Ann. Sec. 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., v p. 137; Horvath, Term. Füz., v, p. 229 (*form macr.*).
Hab. Germany, France, Russia.
- brevipennis**, Reuter, Ofvers. Finska Soc. Förh., xxi, 1879, p. 203; Fedtsch. Turck., p. 18.
Hab. Turkistan.
- brevis** (*Cimex*), Panzor, Fauna Germ., lix, 1798, f. 8; Fieber, Crit. Phyt., 1859, 28; Kirschb., Rhyn. Wiesb., p. 244, sp. 109; Fler, 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*, Geeze, Ent. Boytr., 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, Trans. Wallachia].
- Bolivarii**, Reuter, Ofvers. Finska Soc. Förh., xxxii, 1880, p. 19.
Hab. Spain.
- Burmeisterii**, Stål, Stottin 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**, Puten, 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, Geeze, Ent. Beytr., ii, 1778, p. 187.
mutabilis, Fallen, Men. Cim., 1807, p. 98; *id.*, Hem. Succ., p. 118; Brnm. Handb. Ent., ii (i), p. 277?; Kirschb., Rhyn. Wiesb., p. 243, sp. 107, p. 278; Fieber, Eur. Hem., p. 293; Dougl. & Scett, Brit. Hem., p. 430; Walk., Cat. Het., vi, p. 137.
pilosus, Hahn, Wanz. Ins., ii, 1831, p. 96, t. 59, f. 181; Herr. Schäff., Nomo-

- nel. 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 s.) 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.
Jakowleffi, 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. Algeria, iii, 1849, p. 85, t. 3, f. 8.
Passerinii, 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.

paehymerus, Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 159.

Hab. Spain.

parallelus, Meyer, Rhyu. Schw., 1843, p. 57, t. 6, f. 3 : P. N. E., no. 110, 1874, p. 446.
minor, Grödler, Nachlese Wanz. Tirols (*nec* Costa).

Hab. France, Switz., Germany, Spain [*Atk.* Vosges, Franco].

phoeniceus (*Orthocephalus*), Horvath, Termes. Füz., viii, 1881, p. 14.

Hab. Syria, Kaifa.

punctatipennis, Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 159.

Hab. Dalmatia.

punctigera, Horvath, Torm. Füzetek., v, 1881, p. 42.

Hab. Syria.

Putonii, Reuter, Rev. d' Ent., i, 1882, p. 277.

Hab. France.

Reuterii, Jakowloff, Hem. Cauc., 1879, p. 132 ; *id.*, Bull. Mosc., lvi (4), 1882, p. 134.

Hab. Caucasus, Derbent.

rhypparopus, Fieber, Wien. Ent. Monats., viii, 1864, p. 222 : Walk., Cat. Het., vi,
p. 137.

Hab. S. Russia.

rugicollis, Jakowloff, Bull. Mosc., lii (2), 1877, p. 292 : Reut., Berlin. Ent. Zeits.,
xxv, 1881, p. 159, noto : Chicote, An. Soc. Esp. N. H., ix, 1880, p. 191.

Hab. S. Russia, Sarepta.

Sahlbergii (*Capsus*), Fallen, Hom. Suec., 1829, p. 116 : Flor, Rhyu. Liv., i, p. 634 :
Zett. (*Ophthalmocoris*), Ins. Lapp., p. 280, ♀ : F. Sahlb., Geoc. Fenn., p. 118 :
Thomson, Opuse. 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 : Moyer, Rhyu.
Schw., p. 112 : Kirschb., Rhyu. Wiesb., p. 243, sp. 108, p. 278 : Thoms., Opuse.
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, Rhyu. Liv., i, p. 567.

mutabilis, var., Fallen, Hem. Succ., 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 (*nee* Costa), *teste* Reuter, Berlin. Ent. Zeits., xxix, 1885, p. 47.
? *gracilis*, Rambur, Fauna Andal., 1842.
Hab. France, Spain, Algeria.
- stygialis*, Muls. & Rey, Ann. Soc. Linn. Lyon, 1852 : Putor, 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., Gooc. 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. Now Mexico.

Genus **SEMIUM.**

- Reuter, Caps. Amer., 1875, p. 20.
- hirtum*, Reuter, *l. c.*, p. 80 : Uhler, List, p. 19.
Hab. Toxaš.

Genus **LABOPIDEA.**

- Uhler, Bull. Un. St. Surv., iii, 1877, p. 415.
- ehloriza*, Uhler, *l. c.*, p. 416 : List, p. 20.
Hab. Utah.

Genus **IRBISIA.**

Reuter, 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.**

Reuter, Pet. Nouv. Ent., ii, No. 147, 1876, p. 34.

notaticeps, Reuter, *l. c.*, p. 34.

Hab. Russia, Hungary.

Div. X, **EXAERATARIA**, Reuter, 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: Reuter, 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. Sec. Linn. Lyon, vii, 1856, p. 129: Fieb., Eur. Hom., p. 287: Walk., Cat. Het., vi, p. 157.

Hab. S. France, Spain.

Genus **MEGALOBASIS.**

Reuter, 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. lxxv.

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, **BOOPIDOCORARIA**, Reuter, Hom. 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, **DICYPHARIA**, 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.

glauescens, 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. Schöff., in Pauzer Fauna Germ., 135, t. 9: Meyer., Rhyn. Schw., p. 89: Fieber (*Macrolophus*), Eur. Hom., 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, Anstria, 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.

Idolocoris, Douglas & Scott, Brit. Hem., 1865, p. 380.

agilis (*Idolocoris*), 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 : Moyer, Rhyn. Schw., p. 80 : Kirschb., Rhyn. Wiesb., p. 207, sp. 33, 247 : Fieber (*Brachyceraea*), Crit., 39 ; Eur. Hem., p. 325 ; Dougl. & Scott (*Idolocoris*), Brit. Hem., p. 376 : Walk., Cat. Het., vi, p. 64 : Saund. (*Dicyphus*), Syn., p. 284 : Reuter, Hom. 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, Frog. Eng. Resa, Hem., 1859, p. 259 : Walk., Cat. Het., vi, p. 66 : Reuter, Caps. Amor., 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 ; Hom. 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 (*Idolocoris*), 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 ; Hom. Gymn. Eur., iii, p. 417, 561, t. 3, f. 4 ; Rev. Syn. Het., p. 293.

collaris, Fallen, Mon. Cim., 1807, p. 103 ; *id.*, Hom. Succ. p. 125 ; Hahn, Wanz. Ins., ii, p. 121, f. 203 : Meyor, Rhyn. Schw., p. 83 : Kelenati

(*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. Succ., 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; Puton, 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].

Sedilletii, Pnton, 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. Handl., 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, Pnton, 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.

theracicus, Reuter, Ofvors., 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. 263; 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; Sannd., 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; Rout, l. c., *supra*, p. 84; Uhler, List, p. 20; Riley, 3 Rep. Ins. Mo., 1870, p. 137, f. 58, 59; Glover, Rep.

Dop. Agric. Un. St. for 1875, p. 125, f. 30.

Hab. United States, New York.

Genus **STHENAROPS.**

Uhler, Bnll. 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, 183, 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. Jahrb., 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. 30; Rov. 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.

eucurbitaceus (*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, Irkntsk.

flavoquadrinaculatus (*Cimex*), 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. Hot., p. 300.

flavomaculatus (*Lygaeus*), Wolff, Ic. Cim., iii, 1802, p. 114, t. 11, f. 108 (*nom. praec.*): 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 Schäff., Wanz. Ins., ix, index, p. 35.

flavonotatus, Bohem., Nya Svenska Hom., 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: Sandd., Syn., p. 279: Reuter, (*Dryophilocoris*) Rev. Caps., p. 137; Ent. Mon. Mag. xv, 1878, p. 113.

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

quadrinaculatus, 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.*, Lillo].

gracilentus, Stål, Rio Jan. Hem., i, 1858, p. 53: Walk., Cat. Het., vi, p. 66.

Hab. Rio Janeiro.

histrionicus (*Cimen*), Linn., Syst. Nat., (ed. 12), 1767, p. 723: Herr. Schöff. (*Capsus*), Nomencl. Ent., i, p. 48: Bnrm., Handb. Ent., ii (i), p. 267: Blanchard, Hist. Ins., 1840, p. 138: Meyer, Rhyn. Schw., p. 90: Kolenati (*Xelidocoris*), 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. 282: Dougl. & Scott, Brit. Hem., p. 368: Thomson, Opns. Ent., iv, p. 436: Walk., Cat. Het., vi, p. 62: Saund., Syn., p. 230: Renter, Rev. Caps., p. 131; *id.*, Hem. Gymn. Eur., iii, p. 406, 553, t. 1, f. 14, a, b; t. 5, f. 25; *id.*, Rev. Syn. Het., p. 299.

agilis, Fahr., 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: Fallon, 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, 1838, p. 50: Westwood (*Cyllecoris*), Intr. Mod. Class. Ins., ii, p. 122.

cantharinus, 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, Dorbent [*Atk.*, Lillo, 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: Renter, Berlin. Ent. Zoits., 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: Renter, 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, 1863, 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., 1843, 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*, Latroille, 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.

cruciatus, 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. 108?; 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*), Bohom., 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. 136; *id.*, Hem. Gymn. Eur., p. 397, 557, t. 3, f. 1, ♂.

Hab. Scandinavia, Livenia, 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; Fler, Rhyn. Liv., i, p. 469; Thomson, Opusc. Ent., iv, p. 436; Walk., Cat. Het., vi, p. 63; Sannd., 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, Vell., Hem. Neerl., 1878, p. 116 (*nec* Herr. Schöff.).

selectus, Fieber, Crit. Gen. Phyt., 1859, sp. 13; Eur. Hem., p. 284; Dougl. & Scett, 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, Dnnkirk, 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. Nonv. Ent., ii, no. 144, 1876, p. 21; *id.*, Hem. Gymn. Eur., iii, p. 390, 556, t. 5, f. 23.

Hab. France, Austria.

sphaegiformis (*Cimex*), 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., Nemeucl. Ent., i, 1836, p. 48; Hahn, Wanz. Ins., iii, p. 48, t. 87, f. 265 (*nec* Fabr.), ♂.

capito (*Globiceps*), Lep. & Sorv., 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, Rbyn. Schw., 1843, p. 88 : Kirschb., Rbyn. Wiesb., p. 206, sp. 30? : Flor, Rhyn. Liv., i, p. 474.

Hab. Middle & S. Europe, S. Russia, Caucasus [*Atk.*, Genoa].

Genus **MECOMMA.**

Fieber, Crit. Gen. Pbyt., 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. praec.*): *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., Rbyn. 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; Ubler, 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.*, Lillo].

gilvipes (*Leptomerocoris*), Stål, Stettin. Ent. Zeit., 1858, p. 187, ♀; Walk., Cat. Het., vi, p. 144; Reuter, Ofvers. Finska Vet. Soc. Förb., xxi, p. 57; Hom. 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. Vot.-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.

caricus (*Capsus*), Fallen, Hem. Suec., 1829, p. 123; F. Sahlb., Geoc. Fenn., p. 92, ♂; Kirschb., Rhyn. Wiesb., p. 236, sp. 87, p. 277 (*excl. syn.*); J. Sahlb. (*Cyrtorhinus*), Notis. Skpts pro Fanna. 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 Syenska 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.

- flavicolus* (*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. Hot., 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*), Zotterstodt, 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, Bohom., 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, 1883, p. 377, 545.
bicolor, Reuter, Hem. Gymn. Eur., iii, 1883, p. 378, 554, t. 1, f. 9 *d-f.*
 Hab. Greece.
longiceps, Rout., *l. c.*, p. 378, 554, t. 1, f. 9*a-c.*
 Hab. Greece, Naxos.

Genus **PARTHENICUS.**

- Reuter, Caps. Amer., 1875, p. 84.
psalliodes, Reuter, *l. c.*, p. 85: Uhler, List, p. 20.
 Hab. Texas.

Genus **ORTHOTYLUS.**

- Fieber, Crit. Gen., 1859, 57; Enr. Hem., p. 71, 288: 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. Hom., 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., Crif. Gen., 1859, 55, t. 6, f. 24.

- Adenocarp** (*Capsus*), Perris, Ann. Soc. Liun. 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, Franco, Spain.
- alaiensis**, Reuter, Hem. Gymn. Eur. iii, 1883, p. 361, 552 ; Fedtsch. Turk., p. 22.
 Hab. Turkistan.
- artemisiae**, J. Sahlberg, Vot.-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 (*Aetorhinus*), 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. 438 : 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.
- chloropterus** (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 249, sp. 121, p. 316 (*nec* Herr. Schöff. ; *nec* Fieber) : Reuter, Ent. Mon. Mag., xiv, 1877, p. 128 ; *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. Hot., vi, p. 158 : 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. 128 : Hem. Gymn. Eur., iii, p. 366, 553.
 Hab. Scandinavia, Britain, France, Spain, Switzerland, Germany [*Atk.*, Vosges, Franco].
- cupressi**, Reuter, Rev. d' Ent., ii, 1883, p. 253 ; Hem. Gymn. Eur., iii, p. 349, 477, 550.
 Hab. S. Franco.
- 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.
- eleagni*, Jakowleff, Bull. Mosc., lvi (i), 1881, p. 200: Reut., Hem. Gymn. Eur., iii, p. 357, 551.
 Hab. Caucasus.
- crietorum* (*Lygaeus*), Fallén, Mon. Cim., 1807, p. 91: *id.* (*Phytocoris*), Hem. Suec., p. 105: F. Sahlb. (*Capsus*), Geoe. Fenn., p. 104: Kirschb., Rhyn. Wiesb., p. 250, 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: Router, 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. 133: Reuter, Hem. Gymn. Eur., iii, p. 360, 552.
 Hab. S. Russia, Sarcpta.
- 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*), Geoe. 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 (*Hypsitelus*), Dougl. & Scott, Brit. Hem., 1865, p. 344 (*nec* Fieber).
viridipennis, Dahlbom, Konig. 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, Pot. 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).
pinutellus (*Brachyarthrum*), Fieber, Eur. Hem., 1861, p. 301.
 Hab. Scandinavia, Britain, Germany, France, Switzerland, Greece.
- Lethierryi*, Router, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 37; Hem. Gymn. Eur., iii, p. 375, 554.
 Hab. Algeria, Biskra.

- marginalis*, Reuter, Hem. Gymn. Eur., iii, 1883, 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, Mel. 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 [*Atk.*, Lille].
- Martinii*, 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* (*Cimeæ*), 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. Hcm., 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 [*Atk.*, 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. 330; Walk., Cat. Het., vi, p. 133, 158; Reuter, Hem. Gymn.
 Eur., iii, p. 359, 554.
 Hab. Britain.
- Oschanini*, Reuter, Hem. Gymn. Eur. iii, 1883, 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.
- Paulinoi*, Reuter, C. R. Soc. Ent. Belg., 1885, p. xlv, fig.
Hab. Portugal.
- prasinus* (*Phytocoris*), Fallen, Hem. Snec., 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: Sannd., 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), ♀.
rubidus, var. *Moncreaffi*, Dougl. & Scott, Ent. Mon. Mag., xi, 1874, p. 147.
rubricatus, Jakowloff, Bull. Mosc., xlix (2), 1875, p. 171.
var. *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.
prasinus, Sannd., Syn., Brit. Hem., 1875, p. 291 (*nec* Fallen).
viridinervis (*Litosoma*), Douglas & Scott, Brit. Hem., 1865, p. 335 (*nec* Kirschb.).
Hab. Britain, Germany, S. Austria.
- striola*, Kirschbanm, 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: Sannd., 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.
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, 1883, p. 362, 552; Fedtsch. Turk., p. 22.
Hab. Turkistan, Alai Range.

virens (*Capsus*), Fallen, Hem. Snee., 1829, p. 122, ♂: F. Sahlb., Geoe. Fenn., p. 95; 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. Schäff); 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 **CERATOCAPSUS.**

Reuter, Caps. Amer., 1875, p. 87.

lutescens, Reuter, *l. c.*, p. 87: Uhler, List, p. 20.

Hab. Texas.

punctulatus, Router, *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.

coccinea (*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.

acinaciformis, E. G. Costa, Mou. Ins. Uliv., ii, p. 20, t. 2, f. 4: Reuter, Hem. Gymn. Eur., iii, p. 338, 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 (*Cimeæ*), Scopoli, Ent. Carn., 1763, p. 131: Fieber (*Heterotoma*), Eur. Hem., p. 290: Dougl. & Scott, Brit. Hem., p. 438, t. 14, f. 5: Walk., Cat. Hlot., 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, Fourcroy, 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: Horr. Schöff., Nomencl. Ent., i, p. 52: Burm., Handb. Ent., ii (1), p. 276: Costa, Cim. Regn. Neap., i, 1838, p. 54, f. 11: Westwood, Mod. Class. Ins., ii, p. 121: Am. & Serv., Hist. Ins., p. 283: 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 **PLATYTOMATOCORIS.**

Reuter, Hem. Gymn. Eur., iii, 1883, p. 334, 544.

Excentricus, 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 (*Excentricus*), Hem. Gymn. Eur., i, p. 90,
t. 1, f. 16 d ; iii, p. 335, 477, 548.

Hab. France, Spain, Germany, Anstria, Caucasus.

Genus **STHENARIDEA.**

Reuter, Ent. Tijdskr., v, 1884, p. 197.

pusilla, Reuter, l. c., p. 198.

Hab. Bengal.

Genus **HETEROCORDYLUS.**

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, 548, 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, Anstria.

farinosus, Horvath, Rev. d' Ent., vi, 1887, p. 73, f. 5.

Hab. Illyria.

genistae (*Cimer*), Scopoli, Ent. Carn., 1763, p. 134 : Reuter, Hem. Gymn. Eur., iii,
p. 330, 477, 588, t. 4, f. 8, ♀ ; *id.* Rev. Syn. Het., p. 295.

ater, Schrank, 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* Kolenati) :

Meyer, Rhyn. Schw., p. 63 : Fieber (*Heterocordylus*), Crit., 1859, 28 ;

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 [*Ath.*, 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, 548, 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, Hnngary, Italy, S. Russia.

oblongus (*Heterotoma*), Kolenati, Mel. Ent., ii, 1845, p. 126, t. 9, f. 28 : Walk., Cat. Het., vi, p. 135 : 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., 28 : 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.

Mali (*Capsus*), Bohem. Ofvers. Vet.-Aka. Förh., 1852, p. 72 (*nec* Meyer).

♀ *nigrita*, Schrank, Fanna Boica, 1801, p. 88.

pulverulentus, Kolenati, Mel. Ent. ii, 1845, p. 126 (*nec* Klug).

unicolor, Thomsen, 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.

chlorizans (*Lygaeus*), (Block), Panzer, Fanna Germ., 1794, 18, f. 21 : Fallen, Mon. Cim., p. 77 ; *id.*, Hem. Snec., p. 82 : Meyer, Rhyn. Schw., p. 67 : F. Sahlb., Geoc. Fenn., p. 98 : Kirschb., Rhyn. Wiesb., p. 233, sp. 83, 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 : Thomsen, 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.

smaragdinus, Fieb., Crit. Phyt., 1859, sp. 42 ; Eur. Hem., p. 323 : Walk., Cat. Het., vi, p. 144.

sulphuripennis, Westhoff, Jahrb. Westf. Prev.-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., 1887, p. 144.

Hab. Canada.

Genus **REUTERIA.**

Puton, *Pet. Nouv. Ent.* i, no. 130, 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. Jahrb.*, 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, *Hom. 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.*, *Hom. 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; Fedtsh. *Turk.*, p. 32.

argyrotrichus, Reuter, *Ofvers. Finska Vet. Soc. Förh.*, xxi, 1879, p. 206; *Hem. Gymn. Eur.*, iii, p. 318, t. 1, f. 1; Fedtsh. *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.*, Fedtsh. *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. Succ., 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. 555: 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*), Hahu, Wanz. 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 **EURYCOLPUS.**

Reuter, Hem. Gymn. Eur., ii, 1880, p. 284, t. 1, f. 20; iii, p. 531.

Oncotylus, pt, Fieber, Eur. Hem., 1861, p. 298.

flaveolus (*Eurymerocoris*), Stål, Stettin. Ent. Zeit., 1858, p. 189: Walk., Cat. Het., vi, p. 158: Reuter, Öfvers. Finska Soc. Förh., xxi, p. 48; 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, 892: Reuter, 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: Reuter, Hem. Gymn. Eur., iii, p. 475, 542.

Hab. Krasnovodsk.

- caspicus*, 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.
tanacetii, Herr. Schöff., Wanz. Ins., iii, 1835, p. 85, t. 101, f. 309 (*nec* Fallén): 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* (*Oschania*), Reuter, Hem. Gymn. Eur., ii, 1880, p. 283; iii, p. 541.
Hab. S. Russia, Astrakhan.
- setulosus* (*Capsus*), Herr. Schöff., Wanz. Ins., iv, 1839, p. 30, t. 120, f. 380: (*Cylindromelus*) Fieber, Eur. Hom., 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* (*Cimex*), Goczó, 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 Fourer. Ent. Par., 1785, p. 207.
setulosus, Moyer, 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.
tanacetii, Schrank, Fauna Boica, ii, 1801, p. 92.

trisinatus, Assman, Verz. Schles. Hem., 1854, p. 41 : Reut., Hem. Gymn. Eur., ii, p. 275, 305, t. 5, f. 1 ; iii, p. 473.

Hab. Britain, Franco, Switzerland, Austria, Russia, Derbont [*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, Rov. 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 **PASTOCORIS.**

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, Enr. 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, Franco, Switzerland.

salinus, J. Sahlberg, Notis. Skpts Fanna 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.*, Enr. 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: Reut., *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.

longicollis, 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 Russk. Ent., xiii, 1882, p. 127: Reut., Hem. Gymn. Eur., iii, p. 472, 540.

Hab. Georgia, Derbent.

Genus **SOLENOXYPHUS.**

Renter, Bih. Vet.-Aka. Handl., iii (i), 1875, p. 38; Hem. Gymn. Eur., ii, p. 255, t. 1, f. 12; iii, p. 531.

Agalliastes, pt, Fieber, Enr. Hem. 1861: *Macrocoleus*, pt, Fieber, *l. c.*:
Psallus, pt, Fieber, *l. c.*

crassiceps, 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* (*Agalliastes*), Frey Gessner, 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, Caucenas.

lepidus (Fieber), Puten, Ann. Soc. Ent. Fr., (5 s.) iv, 1874, p. 222, t. 7, f. 3; Rent., Hem. Gymn. Eur., ii, p. 256, t. 1, f. 12 *b*, *c*; iii, p. 471, 539.

Hab. S. France, Spain, S. Russia, Tnran, Mangishlak [*Atk.*, Sarepta, S. Russia].

Genus **MALTHACOSOMA.**

Reuter, Fedtsch. Turk., p. 28; Hem. Gymn. Eur., ii, 1879, p. 253, t. 1, f. 11; iii, p. 531.

punctipenne, Renter, Hem. Gymn. Eur., ii, p. 254; iii, p. 539; Fedtsch. Turk., p. 28.

Hab. Turkistan, Karakatsnk.

Genus **VORUCHIA.**

Renter, Hem. Gymn. Eur., ii, 1879, p. 251, t. 1, f. 10; iii, p. 531; Fedtsch. Turk., p. 27.

vittigera, Renter, Fedtsch. Turk., p. 27; Hem. *l. c.*, *supra*, ii, p. 251; iii, p. 539.

Hab. Turkistan, Veruch.

Genus **PLACOCHILUS.**

Fieber, Crit. Gen. Phyt., 1859, 85; *id.*, Enr. Hem. p. 75, 317: Renter, Rev. Caps., p. 156; Hem. Gymn. Eur., ii, p. 250, t. 1, f. 9; iii, p. 532.

Hoplomachus snbg. *Plaeochilus*, 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. 293.

Hab. S. Russia, Sarepta.

seladonius (*Lygaeus*), Fallen, Men. Cim., 1807, p. 77; *id.* (*Phytocoris*), Hem. Snec., p. 82: (*Capsus*) Herr. Schäff, Nomencl. Ent., i, p. 49: Kirschb., Rhyn. Wiesb., p. 241, sp. 103: Thomsen, Opusc. Ent., iv, p. 450: (*Placochilus*) Fieber, Crit., 36; *id.*, Eur. Hem., p. 317: Walk., Cat. Het., vi, p. 141: Renter, Rev. Caps., p. 156; Hem. Gymn. Eur., ii, p. 251; iii, p. 470, 539; *id.*, Rev. Syn. Het., p. 302.

♀ *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. Nonv. 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 **PACHYXYPHUS.**

Fieber, Crit., 1859, 84; Eur. Hem., p. 75, 316: Reuter, Hem. Gymn. Eur., ii, p. 242: iii, p. 532.

Pachyxyphus, 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 (*Pachyxyphus*), 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 **THERMOCORIS.**

Puton, Pct. Nonv. Ent., i, No. 130, 1875, p. 519: Reuter, Hem. Gymn. Eur., ii, p. 240, t. 1, f. 6; iii, p. 532.

Mnnerii, 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. Gon. 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. Succ., p. 105; (*Miris*), Germar, Faun. Ins. Eur., xiii, t. 14: (*Capsus*), Moyer, 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, sp. 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.
flavopilosus, 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. Hom., 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* Fallon, *nec* Herr. Schäff).
 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, Tangiors.
simplex, Uhlor, 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; Hom. 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, Hom. Gymn. Eur., ii, p. 218, 305, t. 1, f. 3a; t. 3, f. 8, ♀; iii, p. 536.
 Hab. Corsica, S. France, Algeria, Greeco, Asia Minor.

- Bolivarii*, Reuter, Hem. Gymn. Eur., ii, 1880, p. 220, t. 1, f. 3*d*; iii, p. 537.
Hab. Spain.
- chryso-trichus*, 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, Sarcpta.
- 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. Schäff., 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.
- femorialis*, Reuter, Hem. Gymn. Eur., ii, 1880, p. 230; iii, p. 537.
Hab. Alsace.
- Krueperii*, 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.
- Mellae*, Reuter, Pet. Nouv. Ent., ii, No. 152, 1876, p. 54; Hem. Gymn. Eur., ii, 1879, p. 224; iii, p. 471, 536.
Hab. Italy.
- molliculus* (*Phytocoris*), Fallen, Hem. Suec., 1829, p. 82: Herr. Schäff., Wanz. Ins., vi, p. 32, t. 191, f. 589: Meyer, Rhyn. Schw., p. 78: F. Sahlb., Geoc. Fenn., p. 103: 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. 3 *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. 228; iii, p. 471, 537.
Hab. Germany, Hungary.
- pilosus* (*Gimex*), Schrank, Fauna Boica, ii, 1801, p. 87: Reuter, Rev. Syn. Het., p. 302.
? *aureolus*, Fieber, Crit., 1859, sp. 37; *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.

tanacetii, 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.

p 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. R. Soc. Ent. Belg., 1885, p. xlvii.

vitellinus, Reuter, l. c., p. xlvii, fig.

Hab. Portugal.

Genus **AMBLYTYLUS.**

Fieber, Crit. Gen. Phyt., 1859, 87, 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. 298: 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. 35: 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. Moso., lii (2), 1877, p. 297: Reuter, Hem. Gymn. Eur.
ii, p. 214; iii, p. 470, 535.

Hab. S. Russia, Astrakhan, Hungary, Turkistan.

delicatus, Ferris, 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. 281: 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, Corfn.
- ♀ *ornatulus*, Jakowleff, Trudi Russk. 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 **MACROTYLUS.**

- 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 (i), 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, Pnton, 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.
- colon*, Reuter, An. Soc. Esp. N. H., ix, 1880, p. 194: Ofvers. Finska 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. Finska

- Soc. Förh., xxi, p. 56; Walk., Cat. Het., vi, p. 58; Reuter, Hem. Gymn. Eur., ii, p. 198; iii, p. 467, 535.
prolixus, Stål, Stettin. Ent. Zeit., xix, 1858, p. 187, ♀: Walk., Cat. Het. vi, p. 144.
 Hab. Finland, Karelia, Siberia.
- elevatus*, Fieber, Crit. Phyt., 1859, sp. 37; Enr. 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.
- Herrichii*, 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. 208, 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. Mns. Civ. Gen., (2 s.), i, 1884, p. 486.
var. melanocerus, Puton, Ann. Soc. Ent. Fr., (5 s.) ix, 1876, p. 282, ♂.
 Hab. Greece, Algeria, Tunis.
- Paykullii* (*Phytochoris*), Fallen, Hem. Suec., 1829, p. 106; Fieber (*Macrocoleus*), Eur. Hem., p. 319; Dongl. & Scott, Brit. Hem., p. 388; Saund. Syn., p. 297; Reuter (*Mermimerus*), 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* (*Cimex*), Schrank, Verz. Ins. Bercht., 1785, p. 339; Reuter, Hem. Gymn. Eur., iii, p. 467, 533; *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. Hol., 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.*, Hom. 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, ♂.

circumflexa, 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, *teste*, 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.

Cyllecoris, pt, Hahn, Wanz. Ins.

Halticus, pt, Burm., Handb. Ent., ii (i), 1835.

Malthacus, Fieber, Crit. Gon. Phyt., 1859, g. 77; Eur. Hem., p. 74, 312.

- cylindricollis* (*Halticus*), Costa, Cim. Regn. Neap., Cent. iii, 1852, p. 280: Reuter, Hom. Gymn. Eur., iii, p. 465, 527: Horvath, Rev. d' Ent., vii, 1888, p. 182, ♂.
Hab. France, Italy, Hungary, Greece.
- fusciornis*, Reuter, Hem. Gymn. Eur., i, 1879, p. 168; iii, p. 527: Fedtsch. Trnk., p. 38.
Hab. Trnkistan.
- pontica*, Horvath, Rev. d' Ent., vii, 1888, p. 182.
Hab. Tanria.
- 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. 108, f. 338, ♀: Burm. (*Halticus*), Handb. Ent., ii (1), p. 278: Westwood (*Astemma*), Mod. Class. Ins., ii, p. 121: Meyer (*Capsus*), Rhyn. Schw., p. 112: Kolenati (*Eurycephala*), 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. 622: Thomson, Opusc. Ent., iv, p. 445: Walk., Cat. Het., vi, p. 130: Saund., Syn., p. 283: Reuter, Caps. Syn., p. 23; *id.*, Rev. Caps., p. 167; Hem. Gymn. Eur., i, p. 166; iii, p. 465, 527; Rev. Syn. Het., p. 308.
ambulans, ♀, var. β, Fallen, Hem. Succ., 1829, p. 126.
caricis, Fieber, Crit., 1859, 34; *id.* (*Malthacus*), Eur. Hem., p. 313 (*nec* Fallen): Dongl. & Scott, Brit. Hem., p. 352, t. 11, f. 6.
erythrocephala (*Byrsoptera*), Spinola, Ess., 1837, p. 191.
? *leucocephalus*, Schrank, Fanna Boica, 1801, p. 78 (*nec* Linn.).
Hab. Nearly all Enrope, Asia Minor [*Atk.*, Hungary].
- syriaca*, Puton, MT. Schw. Ent. Ges., vi (3), 1881, p. 127: Reuter, Hom. Gymn. Eur., iii, p. 465, 527.
Hab. Syria, Kaiffa.

Genus BRACHYARTHURUM.

- Fieber, Crit. Gen., 1859, 70; Enr. 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.
nigriceps, Bohem., Nya Svenska Hem., 1852, p. 67 (*nec* Fallen) ♀: Reuter, Caps. Syu., 1875, p. 19.
pinetellum, 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 (1), 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, Enr. Hem., p. 315.

coryli (*Cimex*), 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. Snec., p. 90 : Herr. Schöff., Nomencl. Ent., i, p. 52 : Burm. Handb. Ent., ii (i), p. 268 : Westwood, Mod. Class. Ins., 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, Opus. Ent., iv, p. 444 : Walk., Cat. Het., vi, p. 88 : Saund., Syn., p. 300 : Renter, 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. Snec., 1829, p. 100 : Pnton, 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 : Renter, Hem. Gymn. Eur., i, p. 161, t. 8, f. 2; iii, p. 465, 526.

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

laturatus, Fieber, Eur. Hem., 1861, p. 315 : Walk., Cat. Het., vi, p. 87 : Renter, Hem. Gymn. Eur. i, p. 162, t. 8, f. 3; iii, p. 526.

Hab. Ural Mountains.

melanocephalus (*Cimex*), 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 : Renter, 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. Ins., 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 : Renter, 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., 135, 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.

instinctatus, 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, 310.

Capsus, 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 [*Ath.*, 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: Ronter, 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.

Apocremnus, Fieber, Crit. Phyt., 1859, g. 73; 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 (*Apocremnus*), Jakowleff, Bull. Mosc., iii (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. Succ., 1829, p. 99: Zett., Ins. Lapp., p. 274: Herr. Schöff. (*Capsus*), Wanz. 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 (*Apocremnus*), 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. Snec., 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; Reut., 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, Sarcpta.
- aurora* (*Capsus*), Mulsant & Rey, Ann. Soc. Linn. Lyon, 1852, p. 133; Reut., *l. c.*, *supra*, p. 146; iii, p. 523.
 Hab. S. France, Spain, Algeria.
- betuleti* (*Phytocoris*), Fallen, Hem. Succ., 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, Fler, Rhyu. Liv., i, 1860, p. 627, ?; Fieber, Eur. Hem., p. 305, pt; Dougl. & Scott, Brit. Hem., p. 404, *excl. syn.*
betulæ, Kirschb., Rhyu. Wiesb., 1855, p. 254, sp. 133, p. 327, ♀.
 ? *cruentus*, Müller, Zool. Dan., 1776, p. 108 (*nom. præoc.*).
 ? *leucostictus*, Gmelin, Syst. Nat. iv, 1788, p. 2180.
 ? *Mülleri*, Turton, Syst. Nat., ii, 1806, p. 671.
 ? *obscurus*, Kirschb., Rhyu. 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*, Jakowloff, Trudi Russki Ent., ix, 1880, p. 219; Reuter, Hem. Gymn. Eur., iii, p. 460, 520.
 Hab. S. Russia, Sarcpta.
- 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, Horzegovina.
- callunæ*, Reuter, Hem. Gymn. Eur., i, 1879, p. 122; iii, p. 521.
 Hab. S. France.

chrysoptilus, Reuter, *l. c.*, p. 112, 179; iii, p. 518, 519.

Hab. N. Hungary.

cognatus, Jakewleff, Bull. Mesc., 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, Puten, Pet. Nouv. Ent., i, No. 131, 1875, p. 522; Reuter, Hem. Gymn. Eur., i, p. 130; iii, p. 522.

Hab. Corsica.

crioceroides, Reuter, Ofvers. Finska Vet. Sec. Förh., xxi, 1879, p. 39; *id.*, Hem. Gymn. Eur., ii, p. 302; iii, p. 520.

Hab. S. France.

Cretehi, Seott, 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. Sec. Linn. Lyen, 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 [*Atk.*, 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. Zeel. S. Lend., 1878, p. 468.

Hab. St. Helena.

graminicola (*Phytocoris*), Zotterstedt, 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. Wicsb., 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*), Rector, 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, Franco, 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.

roseri, 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.*, Franco].

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.

luteicornis, 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, Grecco [*Atk.*, Genoa].
- nebulosus*, Reuter, Hem. Gymn. Eur., i, p. 142, t. 1, f. 18 l; iii, p. 524; Fedtsch. Turk., p. 34.
Hab. Turkistan.
- obscurcellus* (*Phytocoris*), Fallen, Hom. Sneo., 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. 148.
pityophilus, Flor. Rhyn. Liv., i, 1860, p. 597.
Hab. Nearly all Europe, Britain [*Atk.*, Lillo].
- pallidus*, Reuter, Ofvers. Finska Vet. Soc. Förh., xxii, 1880, p. 24; *id.*, Hem. Gymn. Eur., iii, p. 462, 523.
Hab. Pyrenees.
- piceae*, Reuter, Hom. 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. Vot. Aka. Handl., iii (i), 1875, p. 51; *id.*, Hem. Gymn. Eur., i, p. 132, 179; iii, p. 462, 524.
roseus, Fieber, Enr. Hem., 1861, p. 308 (*nec* Fabr., Fall.).
Hab. France, Switzerland, Hungary [*Atk.*, Vosges, Franco].
- 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. Franco, Austria, Grecco.
- quercus* (*Capsus*), Kirschbaum, Rhyn. Wiesb., 1855, p. 253, sp. 130, p. 323, Fieb., Enr. 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 (*Cimeæ*), 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 : Fallon, *Mon. Cim.*, p. 89 ; *id.*, *Hem. Succ.*, 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. Succ.*, 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.*, 1813, 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 (Moyer), 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, Franco.

siculus, Reuter, *Pot. 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, Abe 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. Succ., 1829, p. 98: Hahn, Wanz. Ins., ii, p. 137, t. 72, f. 224, ♂, ♀: Zettl., Ins. Lapp., p. 275: Cesta, 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. 417: Fieber (*Apocremnus*), Eur. Hem., p. 305: Dougl. & Scott, Brit. Hem., p. 408: Walk., Cat. Het., vi, p. 151: Saund. (*Psallus*), Syn., p. 302: Reuter, Abe 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. Sec. 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, Geneva].
- variatus* (*Capsus*), Illerr. Schäff, 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; Abe 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. Succ., 1829, p. 100.
rufescens, Hahn, Wanz. Ins., i, 1831, p. 28, t. 4, f. 18.
 var. *decoloratus*, Mulsant & Rey, Ann. Sec. 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*), Scheltz, 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.
- Wellastonii*, 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, Ne. 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.

femoralis, 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. Liun. Lyeu*, 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.

crinicornis (Klug), *Burm. Handb. Ent.*, ii (i), 1835, p. 257.

? *planicornis*, Kolenati, *Mel. Ent.*, i, 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. 93, 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. Enrepc.

morio, J. Sahlberg, *Medd. Sec. pro. Fann. Fl. Fenn.*, ix, 1883, p. 94, 154; Reuter, *Hem. Gymn. Eur.*, iii, p. 458, 515; *Ofvers. Finska Soc. Förh.*, xxvi, 1884, p. 26. ♀.

Hab. E. Finland.

nigritarsis, Jakewlff, *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, Franco [*Atk.*, Valeuciennes].
- 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. Franco.
- Rhodani* (Meyer), Fiobor, 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, Franco.
- ♀ *spissicornis* (*Cimeæ*), Schrauk, Fauua Boica, 1801, p. 88: Reuter, Rev. Syn. Het., p. 306.
 Hab. Germany.
- tigripes* (*Capsus*), Mulsant & Rey, Ann. Soc. Linu. 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 (*nec* Fallén)? : Meyer, Rhyn. Schw., p. 29, t. 2, f. 4: Kirsehb., Rhyn. Wiesb., p. 251 sp. 126, p. 278?
 Hab. France, Spain, Switzerland, Germany, Austria, Greece, S. Russia.
- validicornis*, Reuter, Pet. Neuv. 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. Loud., 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*, Hervath, Rev. d' Ent., vii, 1888, p. 184, t. 1, f. 10.
 Hab. Asia Minor, Broussa.
- punctipes* (*Atractotomus*), Fieber, Wien. Ent. Menats., 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, Sarcpta, Asia Minor.
- singularis*, Hervath, Rev. d' Ent., vii, 1888, p. 148, t. 1, f. 8.
 Hab. Tauria.

Genus **RHINACLOA.**

Reuter, Caps. Amer., 1875, p. 88.

citri, 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.

saliens, Reuter, *l. c.*, p. 88: Uhler, List, p. 20.

Hab. Texas.

Genus **CRIOCORIS.**

Fieber, Crit. Gen. Phyt., 1859, 71; *id.*, Eur. Mem., p. 73, 301: Reuter (*Plagiognathus*, subg. *Criocoris*) Bih. Vet.-Aka. Handl., iii (i), 1875, p. 55; Rev. Caps., p. 193; Mem. 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. Wieu, 1876, p. 87, ♂; Mem. 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, Mem. Gymn. Eur., iii, p. 457, 514.

Hab. S. Russ., Sarepta.

crassicornis (*Phytocoris*), Hahn, Wauz. 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 ♀: Moyer, Rhyn. Schw., p. 66: Flor, Rhyn. Liv., i, p. 579: Fieber, Eur. Mem., p. 302: Walk., Cat. Het., vi, p. 149: Reuter, Mem. 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. 173: Reuter, Mem. Gymn. Eur., iii, p. 456, 514.

Hab. S. Russia, Sarepta.

longicornis, Reuter, Mem. Gymn. Eur., iii, 1883, p. 455, 513.

Hab. Hungary.

nigripes, Fieber, Eur. Mem., 1861, p. 394: Walk., Cat. Het., vi, p. 147, 149: Reuter, Mem. Gymn. Eur., i, p. 85, t. 4, f. 9; iii, pp. 455, 513.

♀ = *tarsalis*, Reuter, ♂, q. v.

Hab. Hungary, Galicia, Alsace.

quadrimaculatus (*Capsus*), Fallen, Mem. Suco., 1828, p. 119: F. Sahlb., Geoc. Feun. p. 122: Flor, Rhyn., Liv., i, p. 580: Reuter, Rev. Caps., p. 193: *id.*, Mem. 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, Ne. 144, 1876, p. 22 ; *id.*, Hem. Gymn.
 Eur., i, p. 89 ♀ ; ii, p. 301.
sulcicornis (*Actratotomus*), Reuter, *l. c.*, p. 93, t. 1, f. 17e, f ; t. 5, f. 3 *deletur* :
 vide, *ib.*, p. 302.
 Hab. Franco, Hungary.
- tarsalis*, Reuter, Hem. Gymn. Eur., i, 1879, p. 85, 175 ; iii, pp. 455, 513, 514.
 ? = *nigripes*, Fieber, ♀, *q. v.* : Reuter, Berlin. Ent. Zeits., xxv, 1881, p. 183.
 Hab. Vienna, Styria.
- tibialis*, Fieber, Wien Ent. Menats., 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.
- albigennis* (*Phytocoris*), Fallen, Hem. Succ., 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.
artemisiae, Becker, Bull. Mesc., xxxvii (i), 1864, p. 487 : Reut., Hem. Gymn.
 Eur., i, p. 173 ; iii, p. 466.
lanuginosus, Jak., Bull. Mose., xlix (2), 1876, p. 28.
pallidulus, Dahlb., Svenska Vet.-Aka. Handl., 1850, p. 211.
tibialis, Fieber, Wien Ent. Menats., 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. Tirel., p. 98.
 Hab. France, Alsaco, Austria, Greeco, 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. 238 :
 Latreille, Hist. Nat., xii, p. 225 : Fallen, Men. Cim., p. 90 ; *id.*, Hem. Succ.,
 p. 104 : Zett., Fauna Lapp., p. 493 ; *id.*, Ins. Lapp., p. 275 : Herr. Schöff., No-

- mencl. Ent., i, p. 53; Wanz. Ins., iii, p. 80, t. 99, f. 300: Meyer, Rhyu. 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. Hom., 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. Syu., p. 19; *id.*, Rev. Caps., p. 197; Hem. Gymn. 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. Gymn. 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., 1843, p. 66, t. 3, f. 3: 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 Enrope [*Atk.*, Lille].
- bipunctatus** (Jakowleff), Reuter, Hem. Gymn. Eur., iii, 1883, p. 451, 511.
 Hab. Anstria, Hungary, Caucasus.
- ? **breviceps**, Reuter, Hem. Gymn. Eur., i, 1879, p. 82; iii, p. 513; Fedtsch, Turk., p. 34.
 Hab. Turkistán, Alai.
- chrysanthemii** (*Lygaeus*), Wolff, Io. 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: Horr. Schöff., Nomencl. Ent., i, p. 50: Meyer, Rhyn. Schw., p. 77: Kolenati, Mel. Ent., ii, p. 124: F. Sahlb., Geoc. Fenn., p. 193: 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].
- cunctator**, 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. 336: Fieb., Enr. Hem., p. 303; 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, Gormany, 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 ; Bnl. 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.
- pietus* (*Macrocoleus*), Fieber, Wien. Ent. Monats., viii, 1864, p. 333 : 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.
- rubicans*, Provancher, Faune Can. Hem, 1887, p. 154.
Hab. Canada.
- rufnervis*, Jakowleff, Trndi Rusk. Ent., xi, 1880, p. 218 : Reut., Hem. Gymn. Eur., iii, p. 452, 513.
Hab. S. Russia, Sarepta.
- splotus*, Fiebor, 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 (*Maerotylylus*), Pnton, 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.**

Router, Hem. Gymn. Eur., i, 1879, p. 69, t. 1, f. 13; iii, p. 502.

Mulsantii, Router, 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; Fedtseh. Turk., p. 35.

Hab. Spain, S. Franco, 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 **SPANAGONICUS.**

Berg, Hem. Arg. Add. Emend., 1884, p. 94.

provincialis, Berg, *l. c.*, p. 95.

Hab. Buenos Ayres.

Genus **CHLAMYDATUS.**

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. & Sorville, Ins. Hém., 1843, p. 284.

argentinus, Berg, Hem. Arg., Add. Emond., 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.

evanescens (*Pachystoma*), Bohem., Ofvers. Vet.-Aka. Förh., ix, 1852, p. 70: Kirschb., 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; Hom. 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].
- luetuosus, Provancher, Faune Can. Hem., 1887, p. 137.
 Hab. Canada.
- pulicarius (*Phytocoris*), Fallen, Mon. Cim., 1807, p. 95; *id.*, Hem. Suec., p. 113; Hahn (*Attus*), Wanz. 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. 600; 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, Rov. 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, Ic. Cim., 1811, p. 200, t. 20, f. 194.
 Hab. All Europe.
- pullus, Reuter, Not. Skpts Faun. Fl. Fenn., Förh., xi, 1871, p. 224; *id.*, Rov. 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, 603; 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. 693.
 Hab. Nearly all Europe [Atk., France].
- signatus, J. Sahlberg, Not. Skpts pro Faun. Fl. Fenn., Förh., ix, 1867, p. 228; Reuter, Caps. Syn., p. 23; *id.*, Rev. Caps., p. 208; Hem. Gymn. Eur., i, p. 62; iii, p. 510.
opacus (*Capsus*), Zett., Ius. Lapp., 1840, p. 279, ♀; Thomson, Opusc. Ent., iv, 1871, p. 450.
 Hab. Lapland.
- suavis, Reuter, Caps. Amer., 1872, p. 92; Uhler, List, 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. Men. 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.*, Rov. 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, 310.

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.

Bohemanii (*Phytocoris*), Fallen, Hem. Succ., 1829, p. 106; Zett., Ins. Lapp., p. 276; Flor, Rhyn. Liv., i, p. 625; 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. Schäff., 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. 303.

„ *ruficollis*, Fallen, Hem. Succ., 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.*, Hom. Gymn. Eur., i, p. 56, t. 3, f. 7; iii, p. 509; Saund., Syn., p. 308.

publicarius, 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. Hom., p. 425; Walk., Cat. Het., vi, p. 133.

Hab. Scandinavia, Livonia, Franco, Britain [*Atk.*, Dunkirk].

Genus **CAMPYLOMMA.**

Reuter, Hom. Gymn. Eur., i, 1879, p. 52, t. 1, f. 9; iii, p. 501.

Agalliastes, pt, Fieber, Eur. Hom., 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, Hom. Gymn. Eur., i, p. 54 ; ii, p. 296.
viridula, Jakowleff, Bull. Mesc., lv (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. 37.
 Hab. Turkistan.
- livida*, Reuter, Ent. Tijds, v, 1884, p. 199.
 Hab. Bengal.
- Nicolasia*, Puten & 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. 228.
 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. Hct., 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. Sec. Ent. Ital., 1869, p. 190.
 ? *punctipes*, Herr. Schöff., Nomencl. Ent., i, 1835, p. 50.
 Hab. S. & Middle Europe : Turkistan : E. United States [*Atk.*, Hungary].
- zizyphi*, Puten & 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 ; Hom. 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. Vot.-Aka. Handl., iii (1), 1875, p. 55 ; Rev. Caps., p. 195.
- carbonarius*, Horvath, Rev. d' Ent., vii, 1888, p. 185.
 Hab. Roumania.
- dissimilis*, Reuter, Hom. 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, Scheltz, Arb. u. Veränd. 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* (*Agallibastes*), Scott, Ent. Men. 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. Sec. 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 (♂, ♀): Fler, 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*), Scheltz, Arb. u. Veränd. d. Schles. Ges., 1846, p. 131, sp. 42: Fler, 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, Cerfu, 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*, Puten, Rev. d' Ent., vii, 1888, p. 366.
Hab. France.

Genus **AUCHENOCREPIS.**

- Fieber, Crit., 1859, 78; Eur. Hem., p. 74, 313; Reuter, Hom. Gymn. Eur., i, p. 39, t. 1, f. 7; iii, p. 499.
- alboscuteUata, 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., 1842; 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. Linu. 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.
Schiödtei, Stål, Ofvers. Vet.-Aka. Förh., xi, 1854, p. 236.
Hab. S. France, Spain, Italy.
- Reuteri, Jakowleff, Bull. Mosc., (3), 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*), Meyor, Fieber, Crit., 1859, sp. 21; (*Tragiscocoris*), *id.*, Eur. Hem., p. 301; Walk., Cat. Het., vi, p. 148; 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. 486.
Hab. Corsica, Algeria, Tunis.

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, 567; Horvath, Rev. d' Ent., vii, 1881, p. 186, ♀.
Hab. Hungary; S. Russia, Saropta.

Genus **DAMIOSCEA.**

- Reuter, Hem. Gymn. Eur., iii, 1883, p. 443, 500.
- Komaroffii (*Oncotylus*), Jakowleff, Reuter, Hem. Gymn. Eur., iii, p. 444, 507.
Hab. Georgia, Derbeut.

Genus **ASCIODEMA.**

- Reuter, Hem. Gymn. Eur., i, 1879, p. 33, t. 1, f. 4; iii, p. 500.
Psallus, pt, Fieber, Eur. Hem., 1861, p. 305.
Tinicephalus, pt, Fieber, *l. c.*, p. 299.

obsoletum (*Tinicephalus*), Douglas & Scott, Brit. Hem., 1865, p. 391: Walk., Cat. Het., vi, p. 148: Sannd., Syn., p. 295: Fieber, Wien. Ent. Monats., viii, 1864, p. 226: Renter, Ofvers. Vet.-Aka. Förh., 1874, p. 48; Hem. Gymn. Eur., i, p. 34, 176, t. 3, f. 2; iii, p. 507.

Reiberii, Reuter, Pot. Nouv. 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: Sannd., Syn., p. 303: Renter, Hom. 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, Cont. Cim. Neap., Add., 1860, p. 26, t. 3, f. 6: Reuter, 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: Reuter, 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.

nigricornis, 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.

- areuferæ*, 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. & Pat., Ann. Soc. Ent. Fr. (5 s.), vi, 1876, p. 37.
Hab. Algeria, S. Russia.
- hippophæes* (*Oncotylus*), Fieber, Eur. Hem., 1861, p. 299 : Walk., Cat. Hct., vi, p. 139 : Reuter, Hem. Gymn. Eur., i, p. 21, t. 2, f. 1 ; iii, p. 440, 506.
Hab. Spain, France, Italy, Switzerland [Atk., Switserland].
- Lethierryi* (*Megalodactylus*), Reut., Bih. Vet.-Aka. Handl., iii (i), 1875, p. 53 ; *id.*, Hem. Gymn. Eur., i, p. 20, 174 ; iii, p. 505 : Leth. & Patou, 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. Hct., 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*, Ferris, 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 : Enr. Hem., p. 307 : Walk., Cat. Hct., vi, p. 152.
var. *elegans*, Jak., Horac Soc. Ent. Ross., iv, 1867, p. 158 : Walk., Cat. Hct., 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.
Isometopidæ, Fieber, Wien Ent. Monats., iv, 1860, p. 259 ; Enr. Hem., p. 237.

Genus **ISOMETOPUS.**

Fieber, Wien Ent. Monats., iv, 1860, p. 259, t. 6A; Eur. Hem., p. 61, 237; Router, 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. Hom., p. 237; Pnton, 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; Pnton, *l. c. supra*, t. 1, f. 4; Bull. Soc. Ent. Fr., (5 s.) vii, 1877, p. cxxx.

Hab. Franco, Switzerland, Anstria.

mirificus, Mnsant & Rey, Ann. Soc. Linn. Lyon, xxv, 1878, p. 323; Rev. d' Ent., i, 1882, p. 278.

Hab. Franco.

Genus **MYIOMMA.**

Pnton, Pet. Nonv. Ent., i, No. 44, 1872, p. 177; Ann. Soc. Ent. Fr., (5 s.) iii, 1873, p. 21, noto; Renter, Bih. Vet.-Aka. Handl., iii (i), p. 60.

Fieberii, Pnton, *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.

incusus, 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.**

febriuculosa, Borgroth, Ent. Mon. Mag., xxv, 1889, p. 271.

Hab. Sikkim [*Ind. Mus.*, Mnnngphu].

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 **CHILOCRACTES.**

Horvath, *Termes füzet.*, xii, 1889, p. 39.

Lenzii, Horvath, *l. c. supra*, p. 39.

Hab. Kashmir.

p. 93. **POECILOSCYTUS.**

aterrimus (*Systratiotus*), Jakowloff, *Hor. Soc. Ent. Ross.*, xxiii, 1889, p. 69.

Hab. Siberia.

p. 105. **CAPSUS.**

niger (*Rhopalotomus*), Jakowloff, *Hor. Soc. Ent. Ross.*, xxiii, 1889, p. 69.

Hab. Siberia.

p. 154. **MACROTYLUS.**

dimidiatus, Jakowloff, *Hor. Soc. Ent. Ross.*, xxiii, 1889, p. 69.

Hab. Siberia.

CORRECTIONS.

p. 31, omit *Myrmecoris bimaculata*, Motsch. : see p. 117.

p. 33, transfer *Miris dolobratus*, Linn. to Genus *Leptopterna*, p. 39.

p. 39, *Xenetes*, Dist., is the same as *Ecritotarsus*, Westw., p. 49.

p. 46, for 'midestus,' Dist., read 'modestus.'

p. 54, line 21 from above, for '*Lynchmitidis*,' read '*Lynchmitidis*.'

p. 55, line 5 from above, omit *rubricosus* Garbig., and references.

p. 65, omit 'P' before *miridioides*, Leth.

p. 71, line 18 from above, for '*bifasciatus*, Herr. Schöff. and references,' read '*bifasciatus*, Hahn, *Wanz. Ins.*, iii, 1835, p. 7, t. 75, f. 232.'

p. 84, omit '*aurantiacus*, Voll.,' and reference : see p. 158.

p. 85, omit 'P' before *brachynemis*, Reut.

p. 87, omit '*fratruelis*, Berg,' and reference : see p. 99.

p. 107, omit '*bicinctus*, Walker,' and reference : see p. 85.

p. 110, omit '*signatipes*, Herr. Schöff,' and references, see p. 165.

p. 119, for '*erythroleptus*,' read '*erythroleptus*.'

p. 149, line 12 from below, for '*Placochilus*,' read '*Placochilus*.'

p. 153, for '**ALLOETOMUS**,' read '**ALLOETARSUS**.'

p. 162, omit '? *convexus*, Reut.' and reference : see p. 164.



INDEX GENERUM.



- Acetropis, 32.
Acropelta, 102.
 Acrotelus, 147.
Actinocoris, 38.
 Actitocoris, 38.
 Admetus, 52.
 Aetorrhinus, 132.
Agalliastes, 149, 159, 160,
 173.
Agnocoris, 93.
 Agramotra, 172.
Alلودapus, 116.
 Alloenotus, 70.
 Alloetarsus, 153.
 Alloomotus, 102.
Allocotus, 135.
 Allorhinocoris, 53.
 Amblytylus, 151, 153.
 Ambracius, 48.
 Amixia, 135.
Anapus, 120.
Ania, 44.
 Annona, 44.
Anoterops, 145.
 Antias, 47.
Aphanosoma, 31.
Apocremnus, 160.
 Asciodema, 178.
Aspicelus, 51.
Astemma, 117, 173.
 Atomophora, 144.
 Atomoscelis, 173.
 Atractotomus, 160, 167.
 Auchenocrepis, 178.
-
- Bibaculus, 46.
Blepharidopterus, 132.
 Boopidocoris, 126.
 Bolteria, 124.
Bothrocravum, 142.
 Bothynotus, 102.
- Brachyarthrum, 157.
Brachycerwa, 127.
 Brachycolous, 82.
 Brachynotocoris, 144.
Brachytropis, 33.
 Bryocoris, 41, 156.
 Byrsoptera, 156.
-
- Callicapsus, 97.
Callichila, 56.
 Callimiris, 38.
 Calocoris, 70.
 Calocorisca, 104.
 Calondas, 78.
Camarocephus, 130.
Camaronotus, 112.
 Camelocapsus, 30.
 Camponotidea, 31.
 Camptobrochis, 95.
Camptobrochys, 95.
 Camptotylus, 125.
 Campylomma, 175.
 Campyloneura, 129.
 Capsus, Stal, 105.
Capsus, Fab. 98, 156, 159.
 Carmelus, 44.
Carnus, 44.
 Ceratocapsus, 140.
Charagochilus, 93.
 Chilocrates, 182.
 Chius, 46.
 Chlamydatius, 173.
 Cimatlan, 104.
 Clivinema, 56.
 Clostrococoris, 110.
Closterotomus, 70.
 Coccobaphes, 101.
 Collaria, 32.
Colpochilus, 169.
 Compsococoris, 68.
Conometopus, 52.
- Conostethus, 147.
 Coridromius, 119.
 Cremnocephalus, 114.
Cremnodes, 114.
 Cremnorhinus, 126.
 Creontiados, 37.
 Criocoris, 169.
Cylindromelus, 145.
 Cyllocoris, 130, 156.
 Cyphodema, 93.
 Cyrtocapsus, 41.
 Cyrtopeltis, 127.
 Cyrtopeltocoris, 115.
 Cyrtorrhinus, 134.
-
- Dacota, 48.
 Damioseca, 178.
 Dasoscytus, 125.
 Demarata, 48.
Deraecocoris, Kb., 98.
 Derophthalma, 97.
 Dichrosocyttus, 83.
Dicroscyttus, 83.
 Dicyphus, 127.
 Diommatus, 141.
 Dioncus, 55.
 Diplacus, 117.
 Disphinctus, 50.
 Dolichomiris, 37.
Dryophilocoris, 130.
-
- Eecritotarsus, 42, 181.
 Ectopioecerus, 108.
 Enderon, 147.
 Engytatus, 129.
 Epimocis, 82.
 Episcopus, 166.
 Eroticoris, 116.
 Ethelastia, 116.
 Euarmosus, 103.
 Eubatas, 103.

- Encrocoris, 49.
 Eurotas, 159.
 Eurycolpus, 145.
 Eurycyrtus, 83.
 Eurymerocoris, 113.
Euryopicoris, 122.
 Eurystylus, 167.
 Exaerotus, 125.
 Excentricus, 142, 168.
 ———
 Falconia, 46.
 Florus, 47.
 Fulvius, 104.
 Fundanius, 44, 181.
 Fuscus, 47.
 ———
 Garganus, 69.
 Globicops, 130, 132.
Gnostus, 157.
 Gryllocoris, 31.
 Grypocoris, 82.
 ———
Hadrodema, 92.
Haetorhinus, 132.
 Hadronema, 62.
 Hadrophyes, 148.
Hallodapus, 116.
Halocapsus, 136.
 Halticus, 117, 156.
Halticocoris, 117.
 Harpocera, 156.
 Heclopeltis, 51, 181.
 Hemicerocoris, 98.
 Heuicocucemis, 104.
 Herdonius, 31.
 Heterocordylus, 142.
 Heterocoris, 41.
 Heterotoma, 141.
Homodemus, 70.
 Hoplomachus, 149, 150, 154.
 Horcias, 103.
Horistus, 53.
 Horvathia, 55.
 Hyaliodes, 129.
 Hyalopeplus, 106.
 Hyoidea, 125.
 Hypsitylus, 140.
 ———
 Icodema, 159.
- Idolocoris*, 127.
 Inacora, 140.
 Irbisia, 125.
 Ischnoseelicoris, 70.
Ischnoscelis, 70.
 Isomotopus, 181.
 ———
 Joruaudes, 47.
 ———
Kelidocoris, 132.
 ———
 Laboparia, 117.
 Labopidea, 124.
 Labops, 120.
 Laemocoris, 115.
 Lampethusa, 159.
 Laurinia, 32.
 Leptomerocoris, 108.
 Leptopterna, 39.
 Leucoptorum, 148.
 Liocoris, 98.
Liops, 160.
Litocoris, 136.
Litosoma, 136, 140.
 Litoxenus, 140.
Lobostethus, 33.
 Lomatopleura, 62.
Lopomorphus, 39.
 Lopidea, 61.
 Lopns, 53, 153, 154.
 Loxops, 141.
 Lygds, 40.
 Lygidca, 93.
Lygocoris, 84.
 Lygus, 84.
 ———
Macrocapsus, 98.
 Macrocoleus, 149, 151, 154.
 Macrolopius, 106.
 Macrolophus, 126.
 Macrotylus, 154.
 Mala, 46.
 Malacocoris, 143.
 Malacotes, 173.
 Malthacosoma, 149.
Malthacus, 156.
Maurodactylus, 179.
 Mecomma, 134.
 Megacaclum, 79.
- Megalobasis, 125.
 Megaloceraea, 35.
 Megalodactylus, 179.
Melanotrichus, 136.
 Molinna, 80.
Mermimerus, 154.
Merotricha, 120.
Metriorrhynchus, 96.
Microsynamma, 175.
 Microtochuites, 135.
 Mimocoris, 113.
 Minytus, 37.
 Miridius, 56.
 Miris, 32, 153.
 Monalocoris, 40.
 Monalocorisca, 43.
 Monalonion, 49.
Monosynamma, 175.
 Morua, 101.
 Myiomma, 181.
 Myrmecomimus, 114.
 Myrmecopoplus, 114.
Myrmecophyes, 117.
 Myrmecocoris, 31.
 Myrmecozelotes, 114.
 ———
Nabidea, 32.
 Nasocoris, 144.
 Neoborus, 97.
 Neocapsus, 103.
 Neocarnns, 44, 181.
 Neocoris, 175.
 Neofurius, 45.
 Neoleucon, 47.
 Neopropa, 81.
 Neosilia, 46.
 Neurocolpus, 68.
Notostira, 35.
 ———
Ocypus, 119.
 Odontoplatys, 82.
 Ofellus, 52.
 Oligobiella, 48.
Omphalonotus, 116.
 Oncorometopus, 61.
 Oncodepsus, 111.
 Oncoguanthus, 83.
 Oncotylus, 145, 150, 154.
 Onychmemeus, 145.

- Ophthalmocoris*, 121.
Ophthalmomiris, 38.
Orasus, 51.
Orectoderus, 170.
Orthocephalus, 120.
Orthops, 84.
Orthotylus, 135, 140, 159.
-
- Pachylops*, 136, 140.
Pachypeltis, 51.
Pachyterua, 79.
Pachytoma, 121.
Pachyxyphus, 150.
Pallacocoris, 56.
Pamerocoris, 104.
Pamillia, 113.
Pandanus, 81.
Pantilins, 52.
Pappus, 69.
Paracalocoris, 69.
Paracarurus, 44.
Parachius, 46.
Paraproba, 81.
Paredrocoris, 178.
Parthenicus, 135.
Pastocoris, 147.
Perideris, 130.
Phoenicocapsus, 150.
Phylus, 157.
Phytocoris, 62.
Piasus, 48.
Piezocrauum, 120.
Pilophorus, 112.
Pirithous, 47.
Pithanus, 30.
Plachochilus, 149.
Plagiognathus, 159, 170.
Plagiorrhama, 116.
Plagiotylns, 125.
Platycrauus, 144.
Platypsallus, 120.
Platytomatocoris, 142.
- Plesiocoris*, 83.
Plesiodema, 159.
Pocilocapsus, 96.
Pociloscytus, 93, 182.
Polymerus, 93.
Porpomiris, 39.
Proba, 80.
Proboscidocoris, 82.
Pronototropis, 150.
Psallus, 149, 160, 179.
Pseudobryocoris, 43.
Pseudocarurus, 44.
Psilorhamphus, 41.
Pycnoderes, 41.
Pycnopteraua, 81.
-
- Roada*, 106.
Resthonia, 56, 181.
Reuteria, 144.
Rhinacloa, 169.
Rhopalotomus, 105.
Roudairea, 150.
-
- Sanndersia*, 102.
Semium, 124.
Sericophanes, 114.
Silia, 46.
Sinervus, 50.
Sizeonotus, 41.
Solenoxyphus, 149.
Spanagonicus, 173.
Spartacus, 47.
Sphinctothorax, 31.
Sphyracephalus, 134.
Sphyrops, 134.
Stenodema, 33.
Stenoparia, 147.
Stenotus, 83.
Stethoconus, 102.
Sthenaridea, 142.
Sthonarops, 129.
Stheurus, 176.
- Stiphrosoma*, 119.
Strongylocoris, 119.
Strongyloles, 169.
Sysinas, 52.
Systellonotus, 115.
Systratiotus, 93.
-
- Taedia*, 68.
Tenthecoris, 120.
Teratodella, 30.
Teratocoris, 37.
Teratoscopus, 157.
Thermocoris, 150.
Tichorhinus, 136.
Tinicephalus, 151, 178.
Trachelomiris, 39.
Tragiscocoris, 178.
Tragiscus, 178.
Trichia, 116.
Trichymenus, 102.
Trigonotylus, 35.
Tropidostoptes, 95.
Trygo, 47.
Tnponia, 179.
Tylonotus, 84.
Tytthus, 134.
-
- Utopuia*, 172.
-
- Valdasus*, 48.
Vannius, 49.
Volnmuus, 80.
Vorachia, 149.
-
- Xenetus*, 39.
Xenocoris, 147.
-
- Zacorus*, 40.
Zacyuthus, 40.
Zopyrus, 52.
Zosippus, 40.
Zyginus, 92.

INDEX SPECIERUM.

[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.

Goetz. = Goeze.
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., Perris.
Put., Putou.
Preys., Preysler.

Prov. = Provancher.
Rt., Reuter.
Sann., Saunders.
Schol., Scholtz.
Shlb., Sahlberg.
Schk., Schrank.
Schill., Schilling.
Scop., Scopoli.
Sign., Signoret.
Spin., Spinola.
Sulz., Sulzer.
Uhl., Uhler.
Vill., Villors.
Voll., Vollenhoven.
Wlk., Walker.
Wlf., Wolff.

E. T. A.].

Abeillei, 62.
abbreviatus, 34.
absinthii, 160, 161.
acanthioides, 120.
acinaciformis, 141.
adenocarpi, 136.
adspersus, *Spin.*, 62.
adspersus, *Schil.*, 90.
adustus, *Jak.*, 84.
adustus, *Gmel.*, 100.
aequalis, 92.
aeruginus, 89.
aethiops, *Zet.*, 160.
 ——— *White.*, 172.
aetneus, 102.
affinis, *Fb.*, 153.
 ——— *Jak.*, 145.
 ——— *Dist.*, 45.
 ——— *Rt.*, 33, 96.
affinis, *Rt.*, 180.
 ——— *Jak.*, 54.
 ——— *Dist.*, 68.
 ——— *Mey.*, 89.
 ——— *H. S.*, 76.
agilis, *Uhl.*, 127.
agilis, *Fub.*, 131.
agrarius, 96.

aheneus, 47.
alacor, 96.
alaciensis, 136.
alba, 145.
albatus, 47.
albicans, 62.
albiceps, 116.
albicinctus, 160.
albidivittis, 69.
albidus, 153.
albinervis, 62.
albinus, 73.
albipennis, *Rt.*, 167.
 ———, *Fal.*, 170.
 ———, *Jak.*, 132.
albipes, *Mots.*, 106.
 ——— *Jak.*, 160.
albipes, *Fb.*, 168.
albitarsis, 105.
albofasciatus, *Mots.*, 106.
 ——— *Luc.*, 63, 115.
 ——— *Rt.*, 115.
 ——— *Fb.*, 63.
albofasciatus, *Fer.*, 115.
albolineatus, *Rt.*, 114.
albolineatus, *Goetz.*, 34.
albomaculatus, *Stal.*, 41.

albomaculatus, *Dist.*, 45,
 104.
albomarginatus, *Hhn.*, 53.
 ——— *Fab.*, 54.
 ——— *Preys.*, 54.
albonotatus, 70.
albonotatus *Cost.*, 123.
alboornata, *Dist.*, 105.
alboornatus, 117.
albpilosus, 33.
albpunctatus, 155.
alboscullata, 178.
albostrigatus, 53.
alboviridescens, 106.
alienus, *Fb.*, 181.
 ——— *H. S.*, 128.
alvi, *D. S.*, 160.
 ——— *Fab.*, 165.
alnicola, *D. S.*, 160.
alnicola, *Rt.*, 165.
alpestris, 70.
alpinus, *Frey*, 115.
 ——— *Rt.*, 170.
alpinus, *Kol.*, 90.
alterius, 56.
altaceus, *Put.*, 121.
 ——— *Fb.*, 179.

- amabilis*, 119.
ambiguus, *Fal.*, 160.
 ———— *Dist.*, 39.
ambiguus, *Flor.* 161.
ambulans, *Fal.*, 134, 157.
americanus, 93.
amethystus, 45.
amicta, 124.
amoena, *Uhl.*, 39.
 ———— *Prov.*, 81.
amoenus, *Uhl.*, 112, 175.
 ———— *D. S.*, 70.
amplificatus, 37.
amurcensis, 170.
Amyotii, 130.
anatina, 159.
ancorifer, 160.
angularis, 71.
angulatus, 132.
angulifer, 106.
angusticollis, 32.
angustulus, 112.
angustus, 139.
annexus, 84.
annulatus, *Dist.*, 69.
 ———— *Wlf.*, 127.
annulatus, *Germ.*, 101.
annulicornis, *Shlb.*, 71.
 ———— *H. S.*, 106.
 ———— *Rt.*, 68, 170.
 ———— *Sign.*, 176.
annulipes, *H. S.*, 98.
 ———— *Sign.*, 50.
annulus, 71.
antennata, *Dist.*, 104.
antennatus, *Boh.*, 37.
 ———— *Wlk.*, 107.
 ———— *Blanc.*, 106.
antennatus, *Muls.*, 156.
 ———— *Flor.*, 38.
antennirectus, 34.
anthocoroides, *Rt.*, 31.
 ———— *Stal.*, 104.
 ———— *Uhl.*, 104.
anthracinus, 107.
anticus, *Rt.*, 161.
anticus, *Mul.*, 75.
Antonii, 51.
aphidioides, 126.
apicale, *Rt.*, 79.
apicalis, *Fb.*, 84.
 ———— *Rt.*, 169.
apicalis, *Sign.*, 99.
 ———— *Hhn.*, 77.
apicifer, 107.
apparitor, 83.
approximatus, 84.
apterus, 117.
arborum, 170.
arcufera, 180.
arenarius, *Horv.* 121.
arenarius, *Hahn.*, 118.
argentatus, 45.
argentinus, 71, 173.
argillaceus, 37.
argyrotrichus, *Put.*, 161.
 ———— *Rt.*, 144.
aridellus, 148.
armatus, 31.
artemisiac, *Shlb.*, 136.
artemisiae, *Schill.*, 90.
 ———— *Beck.*, 170.
 ———— *Fer.*, 65.
asperulae, 95.
associatus, 173.
ater, *Lin.*, 105.
 ———— *Jak.*, 169.
 ———— *D. S.*, 132.
ater, *Geof.*, 141.
 ———— *Schk.*, 142.
aterrimus, *Jak.*, 181.
aterrimus, *Garb.*, 73.
atomarius, 84.
atomosus, 161.
atrata, 56.
atratum, 50.
atratus, *Dist.*, 42, 103, 104.
atricapillus, 154.
atripennis, 56.
atrocoeruleus, 120.
atroluteus, 56.
atropurpureus, 177.
attenuatus, *Dist.*, 69.
 ———— *Jak.*, 154.
audens, 52.
aurantiacus, *Fb.*, 151.
aurantiacus, *Rt.*, 34.
 ———— *Voll.*, 158.
auratus, 45.
aureolus, 152.
aurorea, 161.
aurulentus, 107.
australis, *Wall.*, 33.
 ———— *Wlk.*, 53.
avellanae, *Gmel.*, 70.
 ———— *Mey.*, 158.
balteatus, 69.
Bärensprungii, 50.
basalis, *Rt.*, 94, 126, 175.
 ———— *Wlk.*, 57.
basalis, *Costa*, 88.
basicornis, 84.
basifor, 49.
Beckerii, 71.
Behrensii, 113.
Belangerii, 33.
Belfragii, 84.
Bellevoyei, 83.
bellicosus, 190.
bellula, 62.
bellus, 97.
bengalicus, 85.
Bergii, 63.
betulae, 161.
betaleti, *Fal.*, 161.
betuleti, *Zet.*, 160.
 ———— *Hahn.*, 171.
bicinctus, 85.
biclavatus, 71.
bicolor, *Dist.*, 43, 57, 181.
 ———— *Mul.*, 117.
 ———— *D. S.*, 140.
 ———— *Fb.*, 83, 154.
 ———— *Rt.* 135.
 ———— *Jak.*, 161.
 ———— *Scot.*, 120.
bicolor, *Germ.*, 118.
 ———— *Rt.*, 179.
bidentulus, 82.
bifasciatus, *H. S.*, 133.
 ———— *Schk.*, 87, 113.
 ———— *Mul.*, 98.
 ———— *Hahn.*, 71.
 ———— *Fabr.*, 112.
biguttatus, *Schk.*, 74.
 ———— *Goez.*, 100.
bilincatus, *Fal.*, 136.
 ———— *Jak.*, 121.
bilineatus, *H. S.*, 155.
bimaculata, 44, 68.
bimaculatus, *Fab.*, 71.
 ———— *Kamb.*, 82.
 ———— *Jak.*, 53.
bimaculatus *Schk.*, 100.
 ———— *Mots.*, 117.
 ———— *H. S.*, 76.
 ———— *Lin.*, 72.
 ———— *Sulz.*, 77.
binotatus, *Fab.*, 83.
binotatus, *Hahn.*, 73.
 ———— *Blanc.*, 78.
bipartitus, 101.
bipunctatus, 71.
bipunctatus, *Rt.*, 126, 154,
 171.
bipunctatus, *Shlb.*, 88.
 ———— *Fab.*, 74.
 ———— *Put.*, 126.
 ———— *Burm.*, 73, 78.
bipunctipennis, 40.
bisbistillatus, 130.
bistriatus, 76.
bistriguttatus, 71.
bivittata, 57.
bivittatus, 121.
bivitrus, 161.
bivittata, 57.
blanda, 81.
Bohomanii, *Fal.*, 175.
Bolivarii, *Chic.*, 85.
 ———— *Rt.*, 121, 152.
bonacrensis, 63.

- bonariensis, 85.
 boreellus, 136.
 brachialis, 99.
 brachycerus, 105.
 brachygnemius, 85.
 brachymerus, 63.
brachypterus, 116.
 braconiformis, 51.
 braconoides, 49, 50.
 bracteata, 57.
 bracteatus, *Dist*, 39.
 ———— *Say.*, 118.
 Bradyi, 51.
 breviceps, 171.
 brevicollis, *Fb.*, 153.
brevicollis, *Mey.*, 73.
 brevicornis, 94, 173.
 brevipennis, 121.
 brovipex, 36.
 brovirostre, 79.
 brovirostris, 180.
 brevis, *Panz.*, 121.
 ———— *Rt.*, 147.
 brevisculus, 63.
 Bruckii, 115.
 brunneus, 85.
brunnipennis, 171.
 Burmeisterii, *Stål.*, 121.
Burmeisteri, *Curt.*, 156.
 ————
 caduca, 46.
 Caosar, 62.
 caesareus, 150.
 calcaratus, 33.
 californicus, 127.
 caligatus, 85.
 caligineus, 41.
 callunae, 161.
camaronotoides, 113.
 campestris, *Lin.*, 85.
campestris, *Fal.*, 90.
 ———— *var. Geoff.*, 98.
 ———— *Panz.*, 76.
 candens, 60.
 candidatum, 148.
 canescens, 107.
cantharinus, 131.
 capicola, 107.
capillaris, 100.
 capitatus, *Jak.*, 71.
 ———— *H. S.*, 107.
Capito, 133.
 capsoides, 101.
 carbonarius, 176.
Carcelii, 72.
 cardinalis, *Uhl.*, 95.
 ———— *Fb.*, 99.
 carduellus, 161.
 caricis, *Fal.*, 134.
caricis, *Fb.*, 157.
 carinata, *H. S.*, 32.
carinatus, *D. S.*, 34.
 Carolinae, 85.
 carpathicus, 94.
 caspicus, *Rt.*, 146.
caspicus, *Horv.*, 70.
caucasica, 36.
 caucasicus, 85.
 centralis, 52.
 cerbereus, 48.
 cervinus, *H. S.*, 85.
cervinus, *Thom.*, 88.
 cetratus, 86.
 Chanipionii, 47, 86.
 Chardonii, 63.
chenopodii, 73.
 Chicotei, 63.
 chinensis, *Sign.*, 51.
 ———— *Stal.*, 107.
 chiriquina, 57.
 chiriquinus, 103.
 chlorionis, 86.
 chloris, *Fb.*, 86.
 ———— *Uhl.*, 129.
chloris, *Gmel.*, 146.
 chloriza, 124.
 chlorizans, 143.
 chlorogaster, 127.
 chloromelas, 171.
 chloropterus, *Kb.*, 136.
chloropterus, *H. S.*, 134.
 ———— *Fb.*, 140.
 chrysanthemii, *Wlf.*, 171.
chrysanthemii, *Hhn.*, 145.
 chryselectrus, 40.
chrysocephalus, 100.
 chrysoepilus, 162.
 chrysotrichus, 152.
 cicadifrons, 119.
 cimbricus, 100.
 cincticornis, 85.
 cinctipes, *Wlk.*, 57.
 ———— *Cost.*, 71.
 cinctus, 105.
 cineracea, 46.
cineo-nigricans, 121.
 cingulatus, 53.
 cinnamomea, 57.
 cinnamopterus, 112.
 circumcincta, 57.
circumflexa, 156.
 circummaculata, 57.
 citri, 169.
 citrius, 63.
 clarns, 52, 85.
 clavatus, *Lin.*, 112.
clavatus, *H. S.*, 113.
 ———— *Burm.*, 113.
 ———— *Cost.*, 113.
 coagulatus, 152.
 coarctatus, 113.
 coccinea, 141.
coccineus, *Spin.*, 63.
 ———— *Wlk.*, 107.
coccineus, *Duf.*, 73.
 coeruleus, 107.
 cognatus, *Fb.*, 94.
 ———— *Jak.*, 162.
 collaris, *Fb.*, 71.
 ———— *Stal.*, 51.
collaris, *Fal.*, 127.
 ———— *Flor.*, 129.
 ———— *Zet.*, 127.
 colon, *Rt.*, 154.
 ———— *Say.*, 63.
commutatus, 92.
 concinna, *Rt.*, 180.
 ———— *Stal.*, 57.
 concolor, *Kb.*, 136.
 ———— *Jak.*, 153.
concolor, *D. S.*, 136.
 confinis, 121.
 confluentis, 62.
 confraterna, 57.
 confusus, *Kb.*, 113.
confusus, *Thom.*, 112.
 congrex, 141.
consanguineus, 54.
 consimilis, 118.
 consorsus, *Stal.*, 41.
 ———— *Wlk.*, 107.
consorsus, *Gmel.*, 165.
 conspurcatus, 86.
 consputus, 41.
 constrictus, 127.
 contaminatus, *Fal.*, 86.
contaminatus, *Kb.*, 88.
 ———— *D. S.*, 92.
 contiguus, 107.
 convexicollis, 86.
 coracicus, 164.
coracina, 32.
 coracinus, 121.
 cordatus, 131.
 cordiger, *Hahn.*, 99.
cordiger, *Goetz.*, 131.
 ———— *Schk.*, 74.
 coriaccus, 121.
 coroniceps, 150.
 correntina, 57.
 corruscus, 99.
 corsicus, 162.
 coryli, 158.
coryzoides, 116.
 Costae, *Rt.*, 71.
 ———— *Stal.*, 130.
 costalis, *Fb.*, 126.
 ———— *Stal.*, 57, 167.
 costicollis, 36.
 coxalis, 107.
 crassiceps, 149.
 crassicornis, *Put.*, 150.
 ———— *Hhn.*, 169.

- crassicornis*, 141.
crassipennis, 141.
crassipes, 65.
cretaceus, 67.
cribratus, 85.
cribricollis, 85.
cribrosus, 85.
crinicornis, 167.
crinitus, 47.
criocoroides, 162.
cristatus, 86.
craceus, 100.
croceipes, 69.
Crotchii, 162.
cruciatus, *Rt.*, 132.
 ——— *Shlb.*, 154.
crucifera, 57.
cruentatus, *Muls.*, 162.
 ——— *Brul.*, 55.
cruentatus, *Per.*, 82.
 ——— *Geof.*, 76.
eruentus, 161.
cruxnigra, 42.
cucurbitaceus, 130.
cunctator, 171.
cunealis, 100.
cuneatus, *Stal.*, 107.
cuneatus, *Put.*, 73.
cuprossi, 136.
cuticollis, 33.
curvicornis, 40.
curvipennis, 139.
curvipes, 156.
cyliudrocollis, 157.
cylocoroides, *Rt.*, 82.
cyloeoroides, *Schol.*, 129.
cyrtopeltis, 102.
- Dahlbomii*, 86.
Daldorfii, 87.
Dalmannii, 95.
Dallasi, 107.
daniae, 100.
danicus, 101.
debileornis, 163.
dobilis, *Uhl.*, 36.
 ——— *Rt.*, 122.
declivis, 88.
decolor, *Fal.*, 145.
decolor, *Rt.*, 82.
 ——— *Gredl.*, 163.
decoloratus, 166.
decoloris, 44.
decoratus, *Dist.*, 45, 103.
deeoratus, *Mey.*, 134.
 ——— *Wlk.*, 97.
deerepitus, 119.
dolicatulus, *Bol.*, 63.
 ——— *Per.*, 153.
dolicatum, 104.
dolicatus, 162.
- denigratus*, 45.
dentatus, 33.
desertorum, 146.
desortus, 107.
desos, 34.
designata, 181.
dotritus, 72.
diaphanus, *Kb.*, 136.
diaphanus, *Vill.*, 158.
diffusus, *Uhl.*, 94.
diffusus, *Uhl.*, 90.
digrammus, 76.
dilatatus, *Guer.*, 41.
 ——— *Stal.*, 86.
dilutus, *Stal.*, 107.
 ——— *Fb.*, 162.
dilutus, *D. S.*, 165.
dimidiatus, *Kb.*, 63.
 ——— *Jak.*, 182.
 ——— *Guer.*, 107.
 ——— *Stal.*, 42.
dimidiatus, *Fb.*, 64.
dimidiatorufa, 58.
diminutus, 162.
diopsis, 123.
discifor, 42.
discipennis, 42.
discoidalis, 103.
discolor, *Uhl.*, 38.
 ——— *Shlb.*, 137.
discors, 39.
discrepans, 151.
dislocatus, 86.
dispar, *Boh.*, 132.
dispar, *Steph.*, 156.
dissimilis, 152, 176.
dissimulatum, 50.
Distantii, 91.
distinctus, *D. S.*, 63.
distinctus, *Rt.*, 64.
 ——— *Fb.*, 166.
distinguendus, *Rt.*, 86.
 ——— *H. S.*, 70.
distinguendus, *Voll.*, 133.
 ——— *Garb.*, 72.
 ——— *Fb.*, 70.
divergens, 67.
diversicornis, 176.
diversipes, *Horv.*, 94.
 ——— *Put.*, 141.
divisa, *Rt.*, 140.
 ——— *H. S.*, 57.
divisus, 50.
Dohrnii, 33.
dolabratus, 33.
Doriae, 122.
dorsalis, *Prov.*, 86.
 ——— *Say.*, 34.
dorsalis, *Fb.*, 178.
 ——— *D. S.*, 37.
Douglasii, 136.
- Dufonrii*, 48.
dubitatus, 68.
dubius *Zett.*, 134.
 ——— *D. S.*, 63.
- effictus*, 63.
egregius, *Fb.*, 70.
 ——— *Berg.*, 167.
egregius, *Fb.*, 70.
elatius, 101.
elatus, 101.
elagnii, 137.
olegaus, *Dist.*, 68.
 ——— *Rt.*, 72.
 ——— *Uhl.*, 42.
elegans, *Jak.*, 180.
 ——— *Curt.*, 155.
elegantulum, *Jak.*, 79.
elegantulus, *Jak.*, 87.
elegantulus, *Mey.*, 134.
elevatus, 155.
elongatum, *Leth.*, 79.
elougatus, *Dist.*, 44.
elongatus, *Geof.*, 36.
elqueusis, 108.
epilobii, 127.
episeopalis, 99.
equestris, 130.
Erberii, 144.
erebeus, 48.
ericetorum, 137.
errans, *Wlf.*, 127.
errans, *Rt.*, 129.
erratica, 36.
erubosceus, 58.
eryngii, 94.
erythrocephala, *Spin.*, 157.
erythrocephalus, *H. S.*, 118.
erythroleptus, 119.
erythromelas, 55.
erythronotus, 42.
erythrophthalmus, 142.
erythrostomus, 99.
eueosmus, 42.
euonomyi, 82.
evanescons, 173.
eximia, 145.
eximius, 63.
exitiosus, 181.
exoletus, *Cost.*, 64.
exoletus, *Gmel.*, 77.
exornata, 58.
explicata, 32.
oxsanguis, 152.
easternus, 66.
exustus, 68.
- Fairmairoi*, *Stal.*, 42.
Fairmairoi, *Sign.*, 102.
fallax, *Sign.*, 53.
fallax, *Horv.*, 99.

- Falleni, *Rt.*, 162.
 ——— *Stal.*, 50.
Falleni, *Ihn.*, 96.
 famelicus, 129.
 famularis, 49.
 farinosus, 142.
 fasciata, *Dist.*, 81.
 ——— *Uhl.*, 80.
 fasciiventris, 72.
 fasciatum, 148.
 fasciatus, *Dist.*, 79.
 ——— *Jak.*, 72.
 ——— *Rt.*, 87.
 ——— *Wlk.*, 108.
fasciatus, *Mey.*, 88.
 fasciolaris, 133.
 fatuus, 87.
 febriculosa, 181.
 Fedtschenkoi, 72.
 fomoralis, *Fb.*, 64, 167.
 ——— *Rt.*, 152.
femoralis, *Geof.*, 171.
 ——— *Luc.*, 72.
fenorepunctatus, 171.
fenestratus, 145.
 ferrugata, *Fab.*, 39.
ferrugatus, *Fab.*, 76.
 Fieberii, *D. S.*, 82, 179.
 ——— *Schm.*, 79.
 ——— *Bol.*, 64.
 ——— *Frey*, 137.
 ——— *Put.*, 181.
 ——— *Mey.*, 178.
Fieberii, *Rt.*, 31.
 filicis, 40.
 filicorne, 79.
 filicornis, 54.
 fimbriatus, 52.
 fistulosus, 69.
flammeus, 100.
 flammula, 64.
 flavcolus, *Stal.*, 145.
 ——— *Rt.*, 135.
flavescens, 56.
flavicollis, 105.
flavicornis, 138.
 flavicosta, 58.
 flavinervis, 137.
 flavipes, *Prov.*, 108.
 ——— *Rt.*, 171.
flavipes, *Scop.*, 158.
flavolimbatus, 30.
flavolinea, 98.
flavomaculatus, *Fab.*, 133.
flavomaculatus, *Shlb.*, 133.
 ——— *Kol.*, 132.
 ——— *Wlf.*, 130.
flavomarginatus, *Cost.*, 122.
 ——— *Don.*, 54.
flavomarginatus, *Leth.*, 124.
flavouigra, 58.
 flavonotatus, *Prov.*, 108.
flavonotatus, *Boh.*, 130.
 flavopilosus, 151.
 flavoquadrimaculatus, 130.
 flavosparsus, *Shlb.*, 137.
 ——— *Whit.*, 162.
flavorarius, 88.
 flavovirens, 87.
 flavus, 53.
floralis, 67.
Florii, 38.
 floridanus, 108.
 floridulus, 52.
 Forelii *Fb.*, 87.
Forelii, *Mul.*, 178.
fornicatus, 75.
 formosus, 44.
 Forsythii, 72.
 forticornis, *Mul.*, 167.
 ——— *Rt.*, 169.
 fraternus, 113.
 fratrulis *Berg.*, 99.
 fraudans, 87.
 fraudulentus, 87.
fraxini, 78.
 Freyii, *Put.*, 99.
 ——— *Beck.*, 108.
 ——— *Fb.*, 122.
Freyii, *Rt.*, 142.
frontalis, 153.
 frontifer, 108.
 frumentarius, *Dist.*, 96.
frumentarius, *Poda*, 34, 35.
 fugax, 32.
 fuliginca, 48.
 fuliginosus, *Rt.*, 82.
fuliginosus, *Gmel.*, 100.
 ——— *Rt.*, 71.
 fulvicollis, *Jak.*, 133.
 ——— *Fab.*, 42.
 fulvicornis, 155.
 fulvipennis, *Kb.*, 171.
fulvipennis, *Rt.*, 171.
 fulvipes, *Scop.*, 70.
fulvipes, *Saum.*, 132.
 ——— *Schk.*, 131.
 ——— *Rt.*, 133.
 fulvomaculatus, *Deg.*, 72.
fulvomaculatus, *H. S.*, 78.
 fulvus, *Jak.*, 72.
fulvus, *Fb.*, 35.
 ——— *Rt.*, 177.
 fuebris, 44, 49.
 fucatus, 122.
 furcatus, 175.
 fuscans, 104.
 fuscescens, *Kb.*, 137.
fuscescens, *Rt.*, 71, 138.
 fuscicornis, *Brul.*, 34.
 ——— *Rt.*, 157.
 fusciloris, 172.
fuscinervis, 161.
 fuscipennis, 169.
fuscofasciatus, 36.
 fuscomaculata, 145.
 fuscomaculatus, *Stal.*, 87.
fuscomaculatus, *Goez.*, 92.
 fuscus, 87.
fuscovenosus, 149.
 fuscus, 31.
 fusiformis, 69.
 ———
 Gayii, 58, 59.
gemellatus, 90.
 geminus, *Soy.*, 94.
 ——— *Flor.*, 135.
 generosus, 42.
 genitivus, 42.
 geniculata, *Fb.*, 127.
 geniculatus, *Fb.*, 128.
 ——— *Rt.*, 129.
geniculatus, *Stal.*, 177.
 geniculus, 100.
 genistæ, *Scop.*, 142.
genistæ, *Schk.*, 72.
 gibbicollis, 108.
 gibbus, 42.
 gilvipes, 134.
 Gimmorthalii, 32.
 glabratus, *Mots.*, 98.
 ——— *Dist.*, 181.
 glaucoscosus, 126.
 globulifer, 129.
 goniphorus, 96.
 gothicus, *Lin.*, 54.
 ——— *Fal.*, 102.
 gothicus, *Scop.*, 100.
 ——— *Schk.*, 77.
 ——— *Fb.*, 54.
 ——— *Poda*, 100.
 ——— *Geof.*, 53.
 gracilentus, 131.
 gracilis, *Shlb.*, 31.
 ——— *Dist.*, 80.
gracilis, *Ramb.*, 124.
gracilicornis, 177.
 gramineus, 88.
 graminicola, 163.
 grandis, *Uhl.*, 95.
 ——— *Rt.*, 172.
 ——— *Blanc.*, 58.
 granulata, 43.
 Grasiarii, 54.
 griseescens, 33.
 griseus, 148.
 grossum, 79.
 grylloides, 121.
 guatemalana, 58.
 guatemalanus, 34.
 guttulatus, 49.
 guttulosus, 163.
 Gyllenhalii, 94.

- haematocephalus*, 100.
haematodes, 165.
haematopus, 165.
haematostictus, 100.
haemorrhous, 78.
 Haglundii, 50.
 Hahnii, 54
 halimocnomis, 108.
Hardyi, 152.
Hedenborgii, *Fb.*, 72.
Hedenborgii, *Stal.*, 56.
 hellenica, 156.
Henkei, 78.
 Henschii, 118, 163.
 Herrichii, 155.
 hesperia, *Uhl.*, 48.
 hesperius, 122.
Hieracii, 151.
 hieroglyphica, *Mul.*, 55.
 hieroglyphicus, *Dist.*, 45.
 hilaratum, 50.
 hippophaes, 180.
 hirsutus, 97.
 hirsulatus, *Flor.*, 64.
 ----- *Wlk.*, 108.
 hirtum, 124.
hirtus, *Curt.*, 123.
 ----- *Müll.*, 124.
 ----- *Schk.*, 77.
 hispanicus, 72.
 histicus, 99.
histicus, var., 99.
 histrio, 73, 97.
 histrionicus, 131.
 Högbergii, 58.
 Holmbergii, 42.
 holosericeus, 94.
 holsatus, 34.
holsaticus, 34.
 horribilis, 47.
 horridus, 102.
 hortensis, 171.
hortorum, *Wlf.*, 36.
 ----- *Tign.*, 89.
 hortulanus, 151.
 Horvathii, 155.
 hottentotum, 79.
 humeralis, 50.
humuli, 78.
 hyalinata, 96.
 hyalinipennis, 128.
 hyalinus, 42.
 hyperboreus, 38.
- ichneumonides, 50.
icterocephalus, 137.
 illepidus, 108.
 illota, 93.
 illuminatus, 48.
 imbecillus, 94.
 imitationis, 47.
 imitator, 101.
impurum, 159.
 incanus, 64.
 incertus, 58.
 incisuratus, 108.
 incisus, 108.
 incomparabilis, 99.
 inconspicua, 116.
 incurvus, 42.
 incensus, 181.
 infumatus, 45.
 infuscata, *Uhl.*, 32.
 infuscatum, *Fb.*, 159.
 infuscatus, *Brul.*, 54.
infuscatus, *Garb.*, 123.
 infusum, 79.
 inhoneustus, 40.
 innotatus, *Rt.*, 87.
 ----- *Wlk.*, 108.
 inops, 68.
inquinatus, 63.
 insignis, *Stal.*, 87.
 ----- *Rt.*, 41, 54, 64.
insignis, *Rt.*, 135.
 ----- *D. S.*, 135.
 ----- *Fb.*, 166.
 ----- *Say*, 58.
 insitiva, 58.
 insolitus, 47.
 inspersus, 87.
 instabilis, *Luc.*, 93.
 ----- *Rt.*, 179.
instabilis, *Uhl.*, 33.
 ----- *Fb.*, 76.
 insuavis, 34.
 insularis, 73.
insticatus, 159.
 intamiuatus, 108.
 intermedius, *Rt.*, 64, 83, 105.
 ----- *Jak.*, 94.
intermedius, *Shlb.*, 160.
 interpuncta, 58.
 intricatus, *Flor.*, 64.
intricatus, *Fb.*, 118.
 intrusus, 181.
 inustus, 73.
 invidus, 108.
 invitus, 87.
 irroratus, *Blanc.*, 64.
 ----- *Say*, 143.
 ----- *Leth.*, 94.
irroratus, *Mul.*, 165.
 ----- *Fb.*, 64.
 ----- *Per.*, 68.
isabellinus, 72.
italicus, 32.
- Jakowloff, 64, 73.
Jakovlevi, 122.
 jamaicensis, 41.
 Jani, 154.
jucundus, 132.
 junipori, 64.
 jurgiosus, 69.
- Kalmii, 87.
 Kinbergii, 108.
 kirgisicus, 149.
Kirschbaumii, *Stal.*, 122.
 ----- *Fb.*, 163.
Kirschbaumii, *Flor.*, 136.
 Kolenatii, *Fb.*, 73.
 ----- *Flor.*, 163.
 Komaroffii, 178.
 Kruoperii, 73, 152.
- lacteus, 131.
 laevigatus, *Lin.*, 34.
laevigatus, *Wlf.*, 74.
 ----- *Deg.*, 34.
 ----- *Zet.*, 35.
lanarius, 100.
 lanuginosus, *Dist.*, 40.
lanuginosus, *Jak.*, 170.
 lapponicus, 163.
 laticus, 163.
larvatus, 99.
lateralis, *Wlf.*, 34.
 ----- *Hhn.*, 95.
 ----- *Fal.*, 77.
 ----- *Fab.*, 34.
 ----- *Shlb.*, 35.
 ----- *Per.*, 56.
 ----- *Geof.*, 35.
 laticeps, 163.
 laticinctus, 108.
 latipennis, 58.
 lenticulosus, 88.
 Lenzii, 181.
 lepidus, *Put.*, 149.
 ----- *Fb.*, 163.
 leprosus, 58.
 leptocerus, *Kb.*, 142.
leptocerus, *D. S.*, 142.
 Lethierryi, *Rt.*, 137, 180.
Lethierryi, *Fb.*, 79.
 lencocephalus, *Linn.*, 119.
leucocephalus, *Schk.*, 157.
 ----- *Coq.*, 119.
 ----- *Goetz.*, 118.
leucogrammus, 53.
 leucophaeus, 31.
 leucopus, *Stal.*, 42.
leucopus, *Gmel.*, 151.
leucostictus, 161.
leucozonias, 131.
Leveillei, 55.
 limbatellus, 109.
 limbatus, *Fal.*, 88.
 ----- *Wlk.*, 109.
 ----- *Rt.*, 117.
limbatus, *Per.*, 137.

- umbatus*, var. *Shlb.*, 90.
umbicollis, 78.
limitatum, 157.
Linac, 127.
linearis, *Et.*, 37.
 ———— *Dist.*, 45, 52.
linearis, *Fues.*, 36.
lineatus, 97.
lineellus, *Mul.*, 150.
 ———— *Jak.*, 82.
lineifer, 109.
lineolaris, 90.
lineolatus, *Goetz.*, 73.
 ———— *Brul.*, 54.
 ———— *Dist.*, 44.
lineolatus, *Costa*, 76.
lithuanicus, 31.
lituratus, 158.
livida, 170.
lividipennis, 135.
lividus, 120.
longiceps, *Et.*, 135.
 ———— *Flor.*, 154.
longicoelo, 148.
longicornis, *Rt.*, 94, 169.
 ———— *Jak.*, 122.
longicornis, *Fal.*, 36.
 ———— *Shlb.*, 38.
 ———— *Wlf.*, 67.
longipennis, 64.
longirostris, *Put.*, 32.
 ———— *Fb.*, 152.
longulus, 42.
Löwii, 147.
lucida, 176.
lucidus, *Wlk.*, 109.
lucidus, *Kb.*, 85.
lucorum, *Mey.*, 88.
lucorum, *Boh.*, 86.
luctuosus, *Prov.*, 174.
 ———— *Stal.*, 88.
lugubris, *Hhn.*, 171.
 ———— *Fb.*, 159.
 ———— *Say.*, 86.
lunatus, 44, 69.
luniger, 156.
lunula, 154.
luridus, *Fal.*, 119.
 ———— *Rt.*, 163.
luridus, *Rt.*, 137.
lustratum, 80.
luteiceps, 58.
luteicollis, 118.
luteicornis, 163.
luteigera, 59.
luteipes, 59.
luteofasciatus, 52.
luteolus, 46.
lutescens, *Schil.*, 96.
 ———— *Rt.*, 141.
 ———— *Stal.*, 42.
lutescens, *Fb.*, 155.
luteus, *H. S.*, 131.
luteus, *Turt.*, 74.
 ———— *Goetz.*, 100.
lutosus, 164.
Lychnitidis, 54.
Lynchii, 114.
 ————
macrocephalus, 118.
macularubra, 179.
maculatus, *Seot.*, 125.
 ———— *Dist.*, 45, 46.
maculiceps, 109.
maculicollis, *Rt.*, 59.
maculicollis, *Mul.*, 93.
maculipennis, 155.
maculipes, 177.
Maerkelii, 30.
magnicornis, *Fal.*, 167.
magnicornis, *D. S.*, 167.
 ———— *Hhn.*, 168.
magnificus, 181.
magnus, 44.
major, *Schill.*, 70.
 ———— *Et.*, 177.
 ———— *Costa*, 123.
majuscula, 181.
mali, *Mey.*, 167.
mali, *Boh.*, 143.
malina, 130.
mammosus, 102.
mauricus, 109.
marginalis, 97, 138.
marginanda, 59.
marginata, 32.
marginatus, *Fb.*, 131.
 ———— *Wlk.*, 109.
 ———— *Dist.*, 45.
marginatus, *Curt.*, 174.
 ———— *Zet.*, 84.
 ———— *Hhn.*, 95.
marginellus, *Put.*, 122.
marginellus, *Schk.*, 53.
 ———— *Fab.*, 74.
marginepunctatus, 102.
marginicollis, *Wlk.*, 109.
 ———— *Dist.*, 49.
marmoratus, *Wlk.*, 64.
marmoratus, *D. S.*, 67.
 ———— *Blanc.*, 62.
Marquetii, 144.
Marshallii, 30.
Martinii, 99, 138, 147.
mastrucatus, 69.
mat, *Rossi*, 54.
mat, *Savn.*, 54.
Mayrii, *White*, 106.
 ———— *Sign.*, 138.
media, 62.
medius, 99.
megaloma, 36.
Meilleurii, 93.
melanaspis, 93.
melanocephalus, *Lin.*, 158.
melanocephalus, *Rt.*, 71.
melunocerus, 155.
moluochoira, 58, 59.
melanotoma, 126.
melaxanthus, 97.
melinus, 101.
Mellac, 152.
mondosa, 93.
mercurialis, 118.
meridionalis, 66.
merioptera, 141.
metriorhynchus, 144.
M-flavum, 74.
Meyerii, *Kol.*, 74.
 ———— *Frey.*, 125.
Meyerii, *Fb.*, 164.
Meyer-Durii, 93.
mexicanus, 68, 103.
miles, 54.
militaris, 62.
minica, 59.
minus, 99.
miniatus, *H. S.*, 100.
 ———— *Prof.*, 109.
Minkii, 102.
minor, *Kb.*, 65.
 ———— *Cost.*, 122.
minor, *Rt.*, 161.
 ———— *Thom.*, 65.
 ———— *Gredl.*, 123.
minutissima, 178.
minutus, *Rt.*, 118.
 ———— *Jack.*, 138.
minutus, *Luc.*, 122.
miraria, 38.
miridioides, 65.
mirificus, 181.
Miscelii, 115.
mistus, 68.
mixticolor, 179.
modesta, *Uhl.*, 80.
modestus, *Mey.*, 177.
 ———— *Blanc.*, 109.
 ———— *Dist.*, 46.
moerens, 102.
moestus, 170.
molliculus, *Fal.*, 152.
 ———— *Dist.*, 69.
mollis, 164.
monachus, 88.
Moncreaffi, 139.
montana, 59.
Montandoni, 128.
uncantans, 88.
montevidensis, 59.
montivaga, *Dist.*, 59.
montivagus, *Cost.*, 55.
morio, *Shlb.*, 167.

- morio*, Boh., 100.
Müllerii, 161.
Mulsantii, 173.
multicolor, 75.
multiflorior, 59.
mundulus, 43, 155.
mundum, 80.
Munierii, 150.
mutabilis, Whit., 138.
mutabilis, Hhn., 138, 142.
 ———— Fal., 121, 123, 160.
 ———— Lin., 158.
 ———— Burm., 123.
 ———— Thom., 166.
mutans, 89.
 ————
nankinensis, 73.
nassatus, Fab., 138.
nassatus, Fal., 138.
naso, 152.
nasutus, 154.
nebulosus, Fb., 74, 122.
 ———— Uhl., 96.
 ———— Rt., 164.
neglectus, 56.
nemoralis, 72.
nesmia, 65.
Nicolasii, 176.
niger, Rt., 122.
 ———— Jak., 182.
 ———— H. S., 119.
 ———— Stal., 43.
 ———— Wlk., 51.
nigerrimus, H. S., 120.
nigerrimus, Put., 99.
nigrescens, 166.
nigricans, 74.
nigricops, Shlb., 74.
 ———— Fal., 92.
 ———— West., 49.
nigriceps, Boh., 157.
nigriclavus, 61.
nigricollis, Rt., 59.
 ———— Garb., 128.
nigricornis, Fb., 155.
 ———— Rt., 179.
 ———— Saum., 146.
nigricornis, Hhn., 105,
nigridorsum, 73.
nigriger, 97.
nigripennis, 59.
nigripes, Fb., 169.
 ———— Rt., 117.
 ———— Dist., 43.
nigripes, Fb., 161.
 ———— Put., 155.
 ———— Mul., 158.
nigripilis, 177.
nigrita, Jak., 122.
nigrita, Schk., 143.
nigritarsis, Leth., 98.
nigritarsis, Jak., 167.
 ———— Cost., 120.
nigritulus, Wlk., 59.
 ———— Zet., 175.
nigritulus, Zet., 134.
nigritus, Fal., 94.
nigritus, Fb., 94.
nigrocruciatas, 43.
nigrogularis, 131.
nigronasuta, Rt., 176.
nigronasutus, Stal., 89.
nigronasutus, Rt., 88.
nigrophthalmus, 89.
nigroplagiatus, 43.
nigropunctatus, 146.
nigrovittatus, 73.
nitens, 96.
nitidicollis, 113.
nitidus, 122.
nobilitatus, Stal., 89.
nobilitatus, Berg., 97.
nobilicollis, 97.
nodosus, 159.
norvegicus, 74.
notaticeps, 125.
notata, Fb., 180.
notatus, Dist., 103.
notatus, Bacr., 38.
Novakii, 100.
Nowicki, 65.
nubilus, H. S., 126.
 ———— Say., 69.
 ————
Oberthurii, 93.
obesulus, 109.
obesus, 120.
obfuscatus, 92.
oblineatus, 90.
obliquus, Uhl., 175.
 ———— Cost., 65.
oblongus, 143.
obscurans, 59.
obscurellus, Blanc., 65.
 ———— Fal., 164.
 ———— Wlk., 109.
obscuriceps, 172.
obscuricornis, 80.
obscurus, Rt., 65, 188.
 ———— Uhl., 172.
obscurus, Ramb., 120.
 ———— Kb., 160, 161.
obsoletum, 179.
obsoletus, Fb., 138.
 ———— Blan., 65.
obsoletus, 137.
obtusus, 89.
obumbratus, 59.
ocollatus, Sign., 109.
 ———— Rt., 114.
ochraceus, Scot., 177.
ochraceus, Fb., 36, 166.
ochripes, 134.
ochrocephalus, 118.
ochroleucus, 152.
ochromelas, 74.
ochromelas, 130.
ochropterus, 158.
ochrotrichus, 138.
ocularis, 177.
oculatus, Dahl., 55.
 ———— Rt., 39.
 ———— Kb., 168.
Oertzenii, 176.
oleosus, 39.
olivaceus, Fb., 99.
 ———— Rt., 172.
olivaceus, Schk., 101.
onustus, 173.
oophorus, 168.
opacus, Wlk., 75.
opacus, Zet., 174.
 ———— Jak., 122.
orientalis, 128.
ornatus, 45.
ornata, Uhl., 109.
 ———— Dist., 46.
ornaticollis, 59.
ornatulus, Stal., 97.
 ———— Jak., 154.
ornatus, Berg., 114.
 ———— Rt., 167.
Oschaninii, Rt., 138.
Oschaninii, Fb., 117.
ostentans, 99.
oxycarenoides, 30.
 ————
pabulinus, Lin., 89.
pabulinus, Schk., 76.
 ———— Shlb., 88.
 ———— Rossi, 74.
 ———— Scop., 74, 76.
pachynomis, 89.
pachymorus, 123.
pacificus, Stal., 109.
 ———— Uhl., 105.
paederoides, 114.
pellens, Rt., 148.
pellens, Fab., 158.
pallescons, Dist., 45, 81.
 ———— Wlk., 109.
 ———— H. S., 109.
pallascens, Gmel., 165.
 ———— Don., 35.
palliatas, Fb., 55.
palliatas, Perr., 145.
palliceps, 158.
pallicornis, 117, 128.
pallida, Berg., 60.
 ———— Rt., 180.
pallidicornis, Rt., 65, 128.
pallidicornis, H. S., 117.
pallidipennis, Shlb., 159.

- pallidipennis*, *Rt.*, 159.
pallidipes, 43.
pallidirostris, 43.
pallidulus, *Wlk.*, 109.
 ———— *Dist.*, 45.
 ———— *Blanc.*, 65.
pallidulus, *Dahl.*, 170.
pallidus, *H. S.*, 129.
 ———— *Rt.*, 164.
 ———— *Ransb.*, 65.
 ———— *Horv.*, 56.
pallidus, *D. S.*, 127.
 ———— *Berg.*, 63.
 ———— *Thoms*, 127.
 ———— *Gmel.*, 153.
 ———— *Mey.*, 159.
 ———— *Har.*, 35.
pallipos, *Dist.*, 43.
pallipes, *Hhn.*, 153.
 ———— *Jak.*, 174.
palmeni, 76.
palmerii, 75.
pallidum, 38.
palustris, 138.
pamparum, 148.
panamensis, 60.
pantherina, 145.
Panzerii, 121.
parallelus, 123.
partilus, 55.
partitus, 55, 109.
parva, 60.
parviventre, 50.
parvula, 96.
parvulus, *Rt.*, 65, 92, 139,
 143, 168.
 ———— *Brul.*, 35.
parvus, 44.
passerini, 122.
pastinacae, *Fal.*, 85.
 ———— *Hhn.*, 93.
patellata, 105.
patruolis, 60.
patulus, 110.
Paulinoi, 139.
paupestratus, 88.
Paykullii, *Fal.*, 155.
Paykullii, *Turt.*, 83.
pectoralis, 178.
pollucons, *Put.*, 80.
pellucens, *Boh.*, 135.
pollucida, 51.
pellucidus, *Fb.*, 89.
 ———— *Stal.*, 106.
pellucidus, *Garb.*, 176.
pennicornis, 146.
poregrinus, 110.
perplexus, 113.
Perrisii, 166.
persica, 81.
persicus, 146.
persignanda, 60.
pesvariegatus, 171.
petiolatus, 131.
phaleratus, 48.
phoeniceus, 123.
piccae, 164.
piceus, 95.
piceus, *Cyr.*, 73.
piceoniger, 119.
Pictotii, 133.
picticollis, 60.
picticornis, 156.
pictipes, 168.
pictulifer, 110.
picturatus, *Berg.*, 39.
picturatus, *Blanc.*, 59.
pictus, *Fb.*, 172.
 ———— *Dist.*, 45.
pilicornis, 75.
pilifer, 65.
pilipes, *Rt.*, 96.
pilipes, *Thoms.*, 102.
pilosa, *Rt.*, 39, 116.
pilosulus, 89.
pilosus, *Schk.*, 152.
 ———— *Boh.*, 102.
pilosus, *D. S.*, 156.
 ———— *Hhn.*, 121.
pinastri, 92.
pini, *Kb.*, 65.
pini, *D. S.*, 164.
pinicola, 164.
pinotellum, *Zett.*, 159.
pinotellum, *Thoms.*, 157.
pinitellus, 137.
pistacinus, 110.
pityophilus, 164.
plagiatus, *H. S.*, 159.
 ———— *Rt.*, 172.
plagigera, 60.
plagosus, 45, 103.
planicornis, *H. S.*, 142.
planicornis, *Pall.*, 141.
 ———— *Kol.*, 167.
platensis, 43, 60.
plena, 60.
plessaevus, 171.
plumatus, 103.
plumicornis, 146.
podagricus, 51.
pootica, 47.
politus, 50.
pontica, 157.
populi, *Lin.*, 66.
populi, *Mey.*, 67.
 ———— *Saund.*, 63.
 ———— *Zett.*, 65.
porrectus, 34.
praoclara, 81.
praestans, 52.
prasina, *Fb.*, 180.
prasius, *Fal.*, 139.
 ———— *Fb.*, 53, 140.
 ———— *Rt.*, 89.
 ———— *Mey.*, 140.
prasimus, *Hhn.*, 137.
 ———— *D. S.*, 137.
 ———— *Saund.*, 139.
pratensis, *Lin.*, 89.
pratensis, *Scop.*, 88.
princeps, 75.
prolixus, 155.
propinquus, *Rt.*, 139.
propinquus, *H. S.*, 118.
Proserpinao, 110.
prothyris, 156.
Provancherii, 143.
provincialis, 173.
psallidocis, 135.
psammaecolor, 37.
pteridis, 41.
puberulus, 164.
pubescens, 177.
pubicornis, 36.
puella, 66.
pulchellus, *Rt.*, 146.
pulchellus, *Guer.*, 129.
 ———— *Hhn.*, 36.
pulcher, *Rt.*, 36.
 ———— *Uhl.*, 110.
 ———— *Shlb.*, 41.
pulchra, 81.
pudchricorne, 80.
pulicarius, *Fal.*, 174.
pulicarius, *Shlb.*, 175.
pullata, 60.
pulligo, 74.
pullus, 174.
pulverulentus, *Burm.*, 142.
 ———— *Kol.*, 143.
pumila, 80.
pumilus, 164.
punctata, 147.
punctatipennis, 123.
punctatus, *Fb.*, 173.
punctatus, *Zett.*, 90.
puncticeps, 172.
puncticollis, *Mots.*, 98.
 ———— *Fb.*, 118, 164.
puncticornis, 144.
punctigera, 123.
punctipennis, 149.
punctipennis, 150.
punctipes, *Rt.*, 146, 180.
 ———— *Fb.*, 168.
 ———— *Muls.*, 110.
 ———— *Wlk.*, 66.
punctipes, *H. S.*, 176.
 ———— *D. S.*, 151.
punctulata, *Rt.*, 116.
punctulata, *Mey.*, 96.
punctulatus, *Rt.*, 141.

- punctulatus*, *Fal.*, 96.
 ----- *Put.*, 164.
punctum, *Ramb.*, 99.
 ----- *Rt.*, 66.
punctum-album, 110.
punicus, 73.
purgator, 66.
purgatus, 90.
purpurissatus, 43.
pusilla, 142.
pusillum, 80.
pusillus, *Rt.*, 113, 139, 177.
 ----- *H. S.*, 118.
Putonii, *Rt.*, 123, 144, 147,
 168.
 ----- *Fb.*, 147.
 ----- *Mont.*, 96.
 ----- *Horv.*, 75.
Putonii, *Rt.*, 175.
 ----- *Mey.*, 84.
pygmaeus, *Berg.*, 135.
 ----- *Zet.*, 135.
pygmaeus, *Ramb.*, 126.
pyrothri, 146.
pyri, *Mey.*, 167.
 ----- *Mella*, 102.
pyrrhomaena, 60.
pyrrhula, 60.
- quadriguttatus*, *Kb.*, 116.
quadriguttatus, *Goez.*, 71.
quadrilineatus, 155.
quadrilineatus, 36.
quadrinotatus, *Fal.*, 169.
 ----- *Guer.*, 41.
quadrinotatus, *Schk.*, 130.
quadrinotatus, 60.
quadripunctatus, *Fab.*, 75.
quadripunctatus, *Vill.*, 74.
quadrifidus, 131.
quadrivirgatus, 56.
quadrivittatus, 97.
querceti, 165.
quercicola, 139.
quercus, *Kb.*, 164.
quercus, *Gredl.*, 163.
- rapidus*, 75.
ravida, 44.
recticornis, *Geof.*, 36.
recticornis, *Gmel.*, 34.
redimitus, 90.
regalis, 101.
regina, 150.
Reuberii, 179.
Reichelii, 75.
Reitterii, 115.
Retowskii, 172.
Reuterii, *Jak.*, 115, 123, 125,
 178.
 ----- *Berg.*, 97.
- Reuterii*, *Hon.*, 75.
 ----- *Saum.*, 66.
 ----- *Oysch.*, 146.
 ----- *Berg.*, 39.
 ----- *Stål.*, 50.
Reuteriana, 36
Reuterianus, 66.
revestitus, 158.
rhaeticus, 76.
rhamnocola, 90.
rhyparopus, 123.
Rhodani, 168.
ribis, 88.
riparius, 34.
robiniae, 62.
robustus, 51.
Rolandrii, 72.
Romundei, 51.
rosatus, 76.
roscepeunis, 180.
roseomaculatus, 76.
Roseri, *H. S.*, 177.
Roscri, *Gredl.*, 163.
roseus, *Fab.*, 163.
 ----- *Fal.*, 148.
 ----- *Dist.*, 35.
roseus, *Fab.*, 162.
 ----- *H. S.*, 163.
 ----- *Fb.*, 164.
 ----- *Kb.*, 163.
rossica, 157.
Rotermundii, *Schl.*, 177.
Rotermundii, *Gredl.*, 163.
rubecula, 90.
rubellus, 165.
rubens, 101.
ruber, *Rt.*, 61.
ruber, *Lin.*, 101.
 ----- *H. S.*, 161.
rubescens, 81.
rubicunda, *Fal.*, 93.
 ----- *Uhl.*, 36.
rubicundus, *Mey.*, 90.
rubidum, 79.
rubidus, 139.
rubiginosus, 151.
rubrescens, 66.
rubricans, 172.
rubricatus, *Jak.*, 31.
 ----- *Fal.*, 90.
rubricatus, *Ihn.*, 93.
 ----- *Fal.*, 166.
 ----- *Jak.*, 139.
rubricosus, *Dist.*, 45.
rubricosus, *Sarb.*, 54.
rubrinervis, *Stål.*, 37.
 ----- *Rt.*, 70.
 ----- *H. S.*, 76.
rubripes, 76.
rubroucuminatus, 101.
rubromaculatus, 52.
- rubromarginatus*, 73.
rubronotatus, *Prov.*, 106.
rubronotatus, *Jak.*, 175.
rubrostriatus, *H. S.*, 54.
 ----- *Fb.*, 54.
rubrovittata, 60.
rubrovittatus, 49.
rubrovulneratus, 110.
rufescens, *Burm.*, 116.
rufescens, *Smel.*, 101.
 ----- *Hhn.*, 166.
ruficeps, *Berg.*, 43.
ruficeps, *Rt.*, 80.
ruficollis, *Fab.*, 78.
 ----- *Fal.*, 175.
ruficornis, *Geof.*, 37.
ruficornis, *Hhn.*, 35.
ruffrons, 157.
rufinusus, 55.
rufinervis, *Rt.*, 90.
 ----- *Jak.*, 172.
rufipennis, 83.
rufiventris, 158.
rufipes, 99.
rufulus, 66.
rufus, 168.
rufusculus, 31.
rugicollis, *Fal.*, 84.
 ----- *Jak.*, 123.
rugicollis, *Luc.*, 122.
 ----- *Cost.*, 113.
rugosus, 49.
rutilans, 90.
rutilans, *Dist.*, 103.
 ----- *H. S.*, 100.
- Sahlbergii*, *Fal.*, 123.
 ----- *Stål.*, 156.
salicellus, 165.
saliceticola, 177.
salicicola, 133.
salicis, *Kb.*, 165.
salicis, *Fb.*, 162.
 ----- *Rt.*, 163.
 ----- *D. S.*, 166.
salicis, *Rt.*, 169.
salicis, *Wlf.*, 174.
salinus, 148.
Sallei, 91.
salsolae, *Put.*, 66.
salsolae, *Rt.*, 139.
saltator, *Geof.*, 118.
 ----- *Hhn.*, 123.
saltatorius, 72.
saltitans, 174.
salviae, 76.
samojedorum, 76.
sanguinariis, 101.
sanguineoguttatus, 54.
sanguineus, *Fab.*, 165.
 ----- *Jak.*, 53.

- sanguineus, 131.
 sanguinolentus, 91.
 sareptanus, *Frey.*, 149.
 sareptanus, *Jak.*, 83.
 satyriscus, 124.
 sauciatus, 76.
 Saundersii, *Pnt.*, 31.
 ———— *D. S.*, 38.
Saundersii, 179.
 saxosus, 98.
 sawicola, 116.
 Sayii, 103.
 scaber, 98.
 scabricollis, 128.
 scenicus, 39.
 Schach, 100.
 Schäfferii, 50.
 Schillingii, 71.
 Schiodtei, 178.
 Schmidtii, 76, 124.
 Schoberiae, 139.
 Scholtzii, 165.
 Schönherrii, 49.
 scitula, 62.
 scitulus, 91.
 Scottii, *Rt.*, 139.
 ———— *Berg.*, 114.
 Scottii, *Fb.*, 175.
 scriptus, *Fab.*, 82.
 ———— *Dist.*, 45.
 scriptus, *Dvig.*, 82.
 ———— *Kol.*, 83.
 ———— *Fab.*, 74, 82.
 scruposus, 66.
 scutellaris, *Fab.*, 100.
 ———— *H. S.*, 110.
 scutellatus, *Spin.*, 131.
 ———— *Uhl.*, 91.
 scutellatus, *Dist.*, 103.
 Sedillotii, 77, 129.
 seguisinus, 100.
 scladenicus, *Fal.*, 149.
 seladonicus, *Kb.*, 156.
 selectus, 133.
 semiclusus, 110.
 semiflavus, *Lin.*, 105.
 ———— *Wlf.*, 95.
 semilotus, 91.
 semilutens, 43.
 seminigra, 60.
 semiechraeus, 91.
 semiopeus, 77.
 semivittata, 61.
 separandus, 70.
 serena, 96.
 seriatus, 173.
 sericans, *Stål.*, 125.
 sericeus, *Fb.*, 35.
 ———— *Wlk.*, 110.
 sericeus, *Uhl.*, 94.
 seticornis, 77.
 seticornis, 72.
 seticulosa, *Fb.*, 32.
 setulosus, *H. S.*, 146.
 setulosus, *Mey.*, 146.
 sexguttatus, 77.
 sexmaculatus, 77.
 scarpunctatus, 73.
 sexvittatus, 83.
 sibiricus, 124.
 siculus, 165.
 sidnicus, 110.
 signatipes, 165.
 signatum, *Dist.*, 80.
 signatus, *Fb.*, 124.
 ———— *Shlb.*, 174.
 ———— *Rt.*, 38.
 signatus, *Rt.*, 67.
 Signoretii, *Stål.*, 110.
 ———— *Rt.*, 153.
 ———— *Per.*, 66.
 simillima, *Jak.*, 176.
 simillimus, *Kb.*, 165.
 simillimus, *D. S.*, 166.
 simplex, *Wlk.*, 110.
 ———— *Uhl.*, 151.
 simulans, *Wlk.*, 110.
 ———— *Dist.*, 140.
 ———— *Horv.*, 120.
 ———— *Stål.*, 106.
 simulans, *Shlb.*, 105.
 singularis, 168.
 sinicus, 110.
 sinuaticollis, 113.
 smaragdinus, 143.
 sobrinus, 106.
 sobrius, 110.
 solitarius, 156.
 solitus, 111.
 sordeus, 105.
 serdidus, *Fb.*, 125.
 ———— *Wlk.*, 55.
 ———— *Rt.*, 133.
 ———— *Dist.*, 69.
 soridus, *D. S.*, 151.
 ———— *Kb.*, 152.
 serer, 111.
 sororia, 46.
 Spartii, 142.
 speciosus, 111.
 Spegazzinii, 118.
 sphaciformis, 133.
 spilotus, 172.
 Spinolao, 91.
 spissicornis, *Schk.*, 168.
 spissicornis, *Fab.*, 141.
 splendens, 43.
 spoliatus, 61.
 spurius, 35.
 squalidus, 61.
 stachydis, 129.
 Stalii, 140.
 staphyliniformis, 40.
 steganooides, 119.
 Stoinii, 83.
 stellatus, 49.
 sticticollis, 91.
 sticticus, 91.
 stigmosa, 61.
 stigmosus, 77.
 stålaticornis, 132.
 Stoliczkanus, 67, 77.
 stramineus, 111.
 stramineicolor, 80.
 striata, *Lin.*, 81.
 striatus, *Geof.*, 74.
 striatellus, 74.
 strigipes, 80.
 strigilatus, 111.
 stricornis, 138.
 striola, 139.
 stygialis, 124.
 stygius, 120.
 tarsus, 49.
 suavis, 56, 174.
 subaeratus, 47.
 subannulata, 61.
 subirroratus, 111.
 subpatellatus, 148.
 subvittatus, 67.
 succinctus, 76.
 sudata, 61.
 suffusus, 111.
 sulcaticornis, 55.
 sulcatus, 55.
 sulcicornis, 170.
 sulcifrons, *Kb.*, 91.
 sulcifrons, *D. S.*, 86.
 ———— *Thoms.*, 92.
 sulphurella, 148.
 sulphureus, 77.
 sulphuripennis, 143.
 superbus, *Dist.*, 79.
 ———— *Uhl.*, 77.
 superciliosus, 54.
 suturalis, *H. S.*, 116.
 ———— *Jak.*, 77, 82.
 suturalis, *Rt.*, 132.
 syriaca, *Put.*, 157.
 syriacus, *Rt.*, 177.
 tabescens, 111.
 tactus, 91.
 taenioloma, 78.
 tagalicus, 111.
 taiticus, 111.
 tamaricis, *Put.*, 129.
 ———— *Per.*, 180.
 tanacetii, *H. S.*, 146.
 ———— *Schk.*, 146.
 ———— *D. S.*, 151.
 ———— *Fal.*, 153.
 tarsalis, 38, 170.

- tauricus, 124.
 tegularis, 78.
 teucrosus, 78.
 teuillus, *Uhl.*, 91.
 ——— *Fal.*, 139.
 ——— *Rt.*, 140.
 tenera, 104.
 tonicornis, *Muls.*, 124.
 tenuicornis, *Rt.*, 169.
 termaculatus, 77.
 terminalis, 169.
 ternatus, 77.
 tostaceipes, 91.
 testaceus, *Rt.*, 129, 154.
 ——— *Dist.*, 79.
 testaceus, *Scop.*, 35.
 testudineus, 105.
 tetragrammus, 35.
 tetraphlyctis, 77.
 tetrastigma, 57, 66.
 thcivora, 51.
 thoracatus, 111.
 thoracica, *Dist.*, 61, 104.
 ——— *Fal.*, 156.
 thoracicus, *Dist.*, 103.
 ——— *Rt.*, 129.
 thoracicus, *Put.*, 73.
 Thunbergii, 151.
 thymi, 115.
 tibialis, *Fb.*, 170.
 ——— *Jak.*, 153.
 ——— *Hhn.*, 143.
 ——— *Wlk.*, 61.
 ——— *Rt.*, 67.
 tibialis, *Jak.*, 153.
 ——— *Fb.*, 170.
 ——— *Rt.*, 142.
 ——— *Wlf.*, 77.
 ticinensis, 78.
 tigripes, 168.
 tiliæ, 67.
 tinctus, 78.
 tomentosus, 95.
 torquata, *Put.*, 172.
 transversalis, 85.
 transversum, 148.
 transversus, 85.
 triangularis, 99.
 triannulatus, 78.
 tribulis, 91.
 tricolor, *Scott.*, 78.
 tricolor, *Gmel.*, 130.
 ——— *Fabr.*, 101.
 tricoloratus, 130.
 tricondyloides, 117.
 tricostatus, 36.
 trifasciatus, 101.
 trifidus, 86.
 trigonalis, 67.
 triguttatus, 115.
 trilineatus, 113.
 tripustulatus, 98.
 trisignatus, 147.
 tristis, *Wlk.*, 111.
 ——— *Blanc.*, 111.
 ——— *Fb.*, 124.
 tritaenia, 93.
 tritici, 36.
 trivialis, 78.
 tucumans, 78.
 tumidicornis, 143.
 tunicatus, 53.
 turanicus, 140.
 typicus, 67.
 tyrannus, 105.
 ———
 Uhleri, 38.
 ulmi, *Lin.*, 67.
 ulmi, *Hahn.*, 68.
 ultramontana, 101.
 umbellatarum, 90.
 umbratilis, *Lin.*, 63.
 ——— *Fab.*, 114.
 undulatus, 67.
 unicolor, *Prov.*, 91.
 ——— *Dist.*, 46, 67, 103.
 ——— *Scot.*, 180.
 unicolor, *Hhn.*, 142.
 ——— *Thoms.*, 143.
 unifasciatus, *Fab.*, 95.
 ——— *Rt.*, 115.
 univittata, 61.
 uruguayensis, 61, 91.
 ustulatus, *Wlk.*, 111.
 ——— *H. S.*, 67.
 ———
 valesianus, 83.
 validicorne, 79.
 validicornis, 168.
 vandalicus, 78.
 variabilis, *Fal.*, 166.
 ——— *Dist.*, 46.
 variabilis, *Hhn.*, 161.
 varians, *H. S.*, 166.
 ——— *Dist.*, 81.
 varians, *Mcy.*, 163, 164.
 varicornis, 68.
 variegatus, *Dist.*, 103.
 ——— *Cost.*, 114.
 ——— *Montr.*, 119.
 variegatus, *Geof.*, 101.
 ——— *Mül.*, 75.
 ——— *Rt.*, 71.
 varipes, 68.
 varius, 88.
 venaticus, 95.
 ventralis, 78.
 venustissimus, 115.
 venustus, *Stål.*, 43.
 ——— *Fb.*, 78, 148.
 verbasci, 176.
 versicolor, 50.
 vestitus, 43.
 v. flavum, 34.
 vicarius, 111.
 vicinus, *Prov.*, 35.
 ——— *Blanc.*, 111.
 ——— *Horv.*, 78.
 vidnata, 46.
 villis, 68.
 villosa, *Dist.*, 48, 104.
 ——— *Rt.*, 56.
 villosus, *Dist.*, 46.
 vinaceus, *Dist.*, 92.
 ——— *Whit.*, 166, 168
 virens, *Lin.*, 35.
 ——— *Fal.*, 140.
 virens, *Hhn.*, 55.
 ——— *Ros.*, 36.
 virescens, *D. S.*, 136.
 ——— *Fb.*, 33, 35.
 ——— *Fal.*, 35.
 virgatus, 56.
 virgula, 129.
 viridans, 111.
 viridescens, *Geof.*, 92.
 ——— *Gmel.*, 171.
 viridicans, 92.
 viridiflavus, 146.
 viridinervis, *Kb.*, 140.
 viridinervis, *D. S.*, 139.
 ——— *Thom.*, 137.
 viridipennis, 137.
 viridipunctatus, 112.
 viridis, *Fal.*, 92.
 ——— *D. S.*, 38.
 ——— *Prov.*, 35.
 viridis, *Flor.*, 86.
 viridiusculus, 36.
 viridula, *Jak.*, 176.
 viridulus, *Panz.*, 90.
 ——— *Fal.*, 171.
 viror, 149.
 visci, 177.
 visciola, 92.
 vitellinus, *Schl.*, 166.
 ——— *Rt.*, 153.
 vitreus, *Stål.*, 92.
 ——— *Dist.*, 44.
 vitripennis, *Stål.*, 106.
 ——— *Say.*, 129.
 vittatus, *Fb.*, 174.
 vittatus, *Gmel.*, 131.
 ——— *Fb.*, 177.
 ——— *Horv.*, 55.
 ——— *Dahlb.*, 30.
 vitticeps, *Rt.*, 61.
 ——— *Rt.*, 147.
 vitticollis, 92, 126.
 vittifrons, 61.
 vittigera, 149.
 vittipennis, 124.
 vittiscutis, 92.

vittiventris, 55.
vividus, 67.
 volgensis, 112.
 vulneratus, 95.

Wallongrenii, 92.
 Walshii, 113.
 Waltlii, 112.

Wostwoodii, 49.
 Whitei, *Wol.*, 112.
whitei, *D. S.*, 166.
 Wilkinsonii, 174.
 Wollastonii, 166.

xanthomelas, 58.
 xanthophilus, 61.

Yersinii, 125.

Zellerii, 73.
Zetterstedtii, 60.
 zizyphii, 176.

NOTE. The following additions and corrections should be made in the 'Catalogue of the *Cicindelidae*':—

- p. 4. *analis*, Fabr., add to references, MacLeay, *Annul. Javan.*, p. 11.
 p. 5. *bramani*, Dokhtoureff, locality, India.
 p. 8. omit *flammulata*, Quedenfoldt: 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 Yangtso.
 p. 11. *quadrilineata*, Fabr., add 'MacLeay, *Annul. Javan.*, 1825, p. 11.'
 „ omit '*serobiculata*, 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*, Chaudoir, add 'xxxiv (4), 1861, p. 359.'

p. 18. add, *collyris aureofusea*, Bates, *Proc. Zool. S. Lond.*, 1889, p. 216.

Hab. Ichang, Yangtse Valley.

CONTENTS

OF THE NATURAL HISTORY PART (PT. II.) OF THE

JOURNAL OF THE ASIATIC SOCIETY OF BENGAL FOR 1888.

No. 1, (issued June 8th, 1888). *Notes on Indian RHYNCHOTA; HETEROPTERA, No. 3.*—By E. T. ATKINSON, B. A.—*A General Theorem on the Differential Equation of Trajectories.*—By ASUTOSH MUKHOPADHYAY, M. A., F. R. A. S., F. R. S. E. *On Poisson's Integral.*—By ASUTOSH MUKHOPADHYAY, M. A., F. R. A. S., F. R. S. E. (With a Woodcut.) *On the Nature of the Toxic Principle of the Aroideæ.*—By A. PEDLER, F. C. S. (Lond. and Berl.), *Professor of Chemistry, Presidency College, and C. J. H. WARDEN, F. C. S. (Lond. and Berl.), Professor of Chemistry, Medical College, Calcutta.*

No. 2, (issued July 19th, 1888). *Notes on Indian RHYNCHOTA; HETEROPTERA, No. 5.*—By E. T. ATKINSON, B. A. *On recent Tornadoes in Bengal with special reference to the Tornado at Dacca on April 7th, 1888. In two Parts. Part I. A Description of the Meteorological Conditions in Bengal which accompanied the Formation of the Dacca Tornado.*—By ALEX. PEDLER, *Offg. Meteorological Reporter to the Government of Bengal.* Part II. *A full Description of the actual Phenomena of the Dacca Tornado.*—By A. CROMBIE, M. D., *Civil Surgeon of Dacca.* (With Plates XXIV.—XXIX.)

No. 3, (issued October 10th, 1888). *Natural History Notes from H. M.'s Indian Marine Survey Steamer 'Investigator,' Commander ALFRED CARPENTER, R. N., D. S. O., Commanding. No. 9. Further Notes on the Amphipoda of Indian Waters.*—By G. M. GILES, M. B., F. R. C. S., *Surgeon-Naturalist to the Marine Survey.* (With Plates VI.—XII.) *On Eupetaurus, a new form of Flying Squirrel from Kashmir.*—By O. FIELD THOMAS, *British Museum (Natural History) Communicated by THE NATURAL HISTORY SECRETARY.* (With Plates XXII. and XXIII.)

No. 4, (issued March 23rd, 1889.) *On new or little-known Butterflies from the Indian Region.*—By LIONEL DE NICEVILLE, F. E. S., C. M. Z. S. (With Pls. XIII and XIV.) *A List of the Ferns of Simla in the N. W. Himalaya between Levels of 4,500 and 10,500 feet.*—By H. F. BLANFORD, F. R. S. (With Pls. XVI.—XXI.) *On the Differential Equation of all Parabolas.*—By ASUTOSH MUKHOPADHYAY, M. A., F. R. A. S., F. R. S. E. *New or little-known India Rhynchota.*—By E. T. ATKINSON, B. A. (With Pl. XV.) *The Butterflies of the Nilgiri District, South India.*—By G. F.

HAMPSON, B. A., *Coll. Exon., Oxon.* Communicated by THE SUPERINTENDENT OF THE INDIAN MUSEUM. *The Psychrometer and the Condensing Hygrometer.*—By S. A. HILL, B. Sc., *Meteorological Reporter to the Government of the North-Western Provinces and Outh.* *Anoplophrya æolosomatis, a new Ciliate Infusorian parasitic in the Alimentary Canal of Æolosoma chlorostictum* W.-M., MSS.—By HENRY H. ANDERSON, B. A. Communicated by THE MICROSCOPICAL SOCIETY OF CALCUTTA. (With Pl. I.) *On certain Features in the Geological structures of the Myelat District of the Southern Shan States in Upper Burmah as affecting the Drainage of the Country.*—By BRIGADIER-GENERAL H. COLLETT, C. B. Communicated by DR. D. D. CUNNINGHAM. *Notes on some Objects from a Neolithic Settlement recently discovered by MR. W. H. P. DRIVER, at Ranchi in the Chota Nagpore District.*—By J. WOOD-MASON, Superintendent of the Indian Museum, and Professor of Comparative Anatomy in the Medical College of Bengal, Calcutta. (With Pls. II.—V.)

NEW SERIES.

VOL. LVIII.

CCXCI.

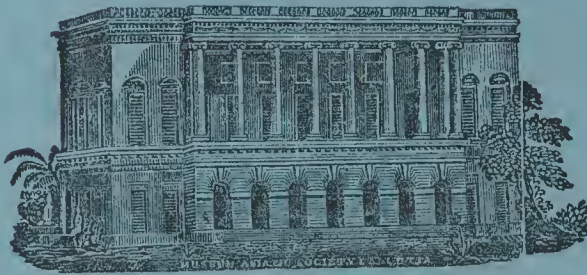
JOURNAL

•OF THE

ASIATIC SOCIETY OF BENGAL.

Vol. LVIII, Part II, No. II.—1889.

SUPPLEMENT 2.



“The bounds of its investigation will be the geographical limits of Asia: and within these limits its inquiries will be extended to whatever is performed by man or produced by nature.”—SIR WILLIAM JONES.

* * * *Communications should be sent under cover to the Secretaries, Asiat. Soc., to whom all orders for the work are to be addressed in India; or, in London, care of Messrs. Trübner and Co., 57 & 59, Ludgate Hill.*

CALCUTTÀ:

PRINTED BY G. H. ROUSE, AT THE BAPTIST MISSION PRESS,
AND PUBLISHED BY THE

ASIATIC SOCIETY, 57, PARK STREET.

1889.

Price Four annas.

Issued October 24, 1889.

CONTENTS.

Metric Weights and Measures prepared for the use of the Photographic and Lithographic Offices, Survey of India.—By COLONEL J. WATERHOUSE, B. S. C., Assistant Surveyor General of India, assisted by W. H. COLE, Esq., M. A., and T. ARCHDALE POPE, Esq., Survey of India.

SEP 8 1890

TABLES

OF

METRIC WEIGHTS AND MEASURES

PREPARED FOR THE USE OF

THE PHOTOGRAPHIC AND LITHOGRAPHIC OFFICES,
SURVEY OF INDIA,

BY

COLONEL J. WATERHOUSE, B.S.C.,
ASSISTANT SURVEYOR GENERAL OF INDIA,

ASSISTED BY

W. H. COLE, Esq., M.A., AND T. ARCHDALE POPE, Esq.,
SURVEY OF INDIA.

Issued with the sanction of the Government of India, as Supplement No. 2 to the Journal
of the Asiatic Society of Bengal, Part II, for 1889.

CALCUTTA :

PRINTED BY THE SUPERINTENDENT OF GOVERNMENT PRINTING, INDIA.

1889.

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, *in 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 1·09362311 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	=	91·4391792 "
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 $39^{\circ}377786$ inches, or, reduced to the same standard of temperature as the legal metre, $39^{\circ}376229$ inches.

As stated above, in fixing the equivalent of the legal metre, the lengths of the standards were compared at their normal temperature, *viz.*, 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 $39^{\circ}380203$ 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 $15432^{\circ}34874$ imperial grains, or $2^{\circ}20462125$ 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 ($437^{\circ}5$ grains) and pound (7000 grains). Photographic and chemical formulæ 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

	metre	Inches,	Feet.	Yards.
Millimetre	= $\frac{1}{1000}$ metre	= 0'03937	0 00328	0'00109
Centimetre	= $\frac{1}{100}$ "	= 0'39371	0 03281	0'01094
Decimetre	= $\frac{1}{10}$ "	= 3'93708	0'32809	0'10936
METRE	= unit	= 39'37079	3'28000	1'09363
Decametre	= 10 metres	= 393'70790	32'80899	10 93633
Hectometre	= 100 "	= 3,937'07900	328'08992	109'36331
Kilometre	= 1,000 "	= 39,370'79000	3,280'89917	1,093'63305
Myriametre	= 10,000 "	= 393,707'90000	32,808'99167	10,936'33056

One Micron (μ .) (p'. micra), = one-thousandth of a millimetre = '001 millimetre = '000039 inch.

MULTI

	Metres.	Millimetres to Inches.	Feet.	Metres.	Centimetres to Inches.	Feet.
1	0'001	0'03937	0'00328	0'01	0'3937	0'0328
2	0'002	0'07874	0'00656	0'02	0'7874	0'0656
3	0'003	0'11811	0'00984	0'03	1'1811	0'0984
4	0'004	0'15748	0'01312	0'04	1'5748	0'1312
5	0'005	0'19685	0'01640	0'05	1'9685	0'1640
6	0'006	0'23622	0'01969	0'06	2'3622	0'1969
7	0'007	0'27559	0'02297	0'07	2'7559	0'2297
8	0'008	0'31497	0'02625	0'08	3'1497	0'2625
9	0'009	0'35434	0'02953	0'09	3'5434	0'2953
10	0'010	0'39371	0'03281	0'10	3'9371	0'3281

British to

		Millimetres,	Centimetres.
12 inches	= 1 inch	= 25'39954	2'53995
3 feet	= 1 foot	= 304'79149	30'47945
2 yards	= 1 yard	= 914'38348	91'43835
3 yards	= 1 fathom	= 1,828'76696	182'87690
5½ "	= 1 pole or perch	= 5,023'10914	502'91091
40 poles	= 1 furlong	= 201,161'36576	20,116'13658
8 furlongs	= 1 mile	= 1,609,314'92612	160,931'49261

1 chain = 20'11644 Metres, 1 Geographical mile = 1'1527 Statute miles = '1,855'032 metres. 1 degree = 1 mil = $\frac{1}{1000}$ inch = '0254 m.m.

MULTI

	Millimetres.	Inches to Centimetres.	Decimetres.	Centimetres.	Feet to Decimetres.	Metres.
1	25'3995	2'54	0'254	30'479	3'048	0'305
2	50'7991	5'08	0'508	60'957	6'096	0'610
3	76'1986	7'62	0'762	91'438	9'144	0'914
4	101'5982	10'16	1'016	121'918	12'192	1'219
5	126'9977	12'70	1'270	152'397	15'240	1'524
6	152'3972	15'24	1'524	182'876	18'288	1'829
7	177'7968	17'78	1'778	213'356	21'336	2'134
8	203'1963	20'32	2'032	243'835	24'384	2'438
9	228'5959	22'86	2'286	274'315	27'432	2'743
10	253'9954	25'40	2'540	304'794	30'479	3'048

1 inch = 25,399'54 micra, $\frac{1}{100}$ inch = 253'995 micra.

Fractions of an Inch to Millimetres.

$\frac{1}{16}$	= 12'6998
$\frac{1}{8}$	= 8'4665
$\frac{1}{4}$	= 16'9330
$\frac{1}{2}$	= 31'8660
1	= 63'7320

$\frac{1}{2}$	= 5'0799
$\frac{1}{4}$	= 4'2333
$\frac{1}{8}$	= 3'6285
$\frac{1}{16}$	= 3'1749
$\frac{1}{32}$	= 2'8222

$\frac{1}{10}$	= 2'5400
$\frac{1}{20}$	= 2'1166
$\frac{1}{30}$	= 1'8575
$\frac{1}{40}$	= 1'2700
$\frac{1}{50}$	= 1'0160

$\frac{1}{8}$	= 0'8467
$\frac{1}{16}$	= 0'7937
$\frac{1}{32}$	= 0'6350
$\frac{1}{64}$	= 0'5080
$\frac{1}{128}$	= 0'2540

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 $\frac{1}{25}$
0'00005	...	= 0	0	0	0	" $\frac{2}{25}$
0'00050	0'00006	= 0	0	0	0	" $\frac{3}{25}$
0'00497	0'00052	= 0	0	0	0	" $\frac{4}{25}$
0'04971	0'00521	= 0	0	1	0	" $\frac{3}{5}$
0'49711	0'06214	= 0	0	10	2	" $\frac{9}{10}$
4'97106	0'62138	= 0	0	109	1	" $\frac{1}{2}$
49'71059	6'21382	= 6	4	213	1	" $\frac{10}{15}$
			1	156	0	" $\frac{11}{15}$

Ooe micro-millimetre (μ m.) = one-millionth of a millimetre or about 0'0000004 of an Inch.

PLIERS.

Inchos.	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	1'242
118'112	9'843	3'281	9,842'697	3,280'899	1'864
157'483	13'124	4'375	13,123'597	4,374'532	2'486
196'854	16'404	5'468	16,404'496	5,468'165	3'107
236'225	19'685	6'562	19,685'395	6,561'798	3'728
275'596	22'966	7'655	22,966'294	7,655'431	4'350
314'966	26'247	8'749	26,247'193	8,749'064	4'971
354'337	29'528	9'843	29,528'092	9,842'697	5'592
393'708	32'809	10'936	32,808'992	10,936'331	6'214
					10

Metric.

Decimetres.	Metres.	Hectometres.	Kilometres.
0'25400	0'02540	0'00025	0'00003
3'04794	0'30479	0'00305	0'00030
9'14383	0'91438	0'00914	0'00091
18'28767	1'82877	0'01829	0'00183
50'29109	5'02911	0'05029	0'00503
2,011'64366	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 = 1'1503 Statute mile = 1852 metres, nearly. 1 line = $\frac{1}{16}$ inch = 2'1166 mm.

PLIERS.

Decimetres.	Yards to Metres.	Kilometres,	Metres.	Miles to Hectometres.	Kilometres,
9'1438	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	3'653	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	112'052	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	16'393
					10

Approximate Values.

1 kilometre	= about 5 furlongs ('029 less)	1 mile	= nearly 1 $\frac{1}{2}$ kilometre (1% less).
1 metre	= " 39 $\frac{1}{2}$ inches ('029" less)	1 yard	= " $\frac{1}{3}$ metre. 11 Metres = 12 yards.
To convert metres to yards add $\frac{1}{11}$.			
1 Decimetre	= 4 inches (3 $\frac{1}{16}$ exactly)	1 foot	= " 30 $\frac{1}{2}$ centimetres.
1 Centimetre	= $\frac{1}{2}$ inch	1 inch	= " 2 $\frac{1}{2}$ "
1 Millimetre	= $\frac{1}{32}$ "	1 "	= " 25 $\frac{1}{2}$ millimetres

II.—Measures

Metric to British Avoir

The standard unit of Metric Weight is the KILOGRAMME, which is the weight of a

Milligramme	=	Grammes,	Grains,	Troy Ounces,	Avoirdupois Ounces,
Centigramme	=	$\frac{1}{10}$	$\frac{1}{70}$	$\frac{1}{480}$	$\frac{1}{437\frac{5}{8}}$
Decigramme	=	$\frac{1}{100}$	$\frac{1}{700}$	0'00032	0'00035
GRAMME	=	1	15'4323	0'00322	0'00353
Decagramme	=	10	154'3235	0'03215	0'03527
Hectogramme	=	100	1543'2349	0'32151	0'35274
KILOGRAMME	=	1,000	15,432'3487	3'21507	3'52739
Myriagramme	=	10,000	154,323'48740	32'15073	35'27394
Quintal	=	100 Kilogrammes	1,543,234'8740	321'50727	352'73940
Millier or Tonne	=	1000	15,432,348'740	1'96841 Cwt.	0'9842 Tons
				19'68412	0'98421

MULTI

Milligrammes	Centigrammes	Decigrammes	Grammes	Troy oz.	Avoir, oz.
to Grains.	to Grains.	to Grains.	to Ap, Draohms.		
1	0'0154	0'154	1'543	0'2572	0'035
2	0'0309	0'309	3'086	0'5144	0'071
3	0'0463	0'463	4'630	0'7716	0'106
4	0'0617	0'617	6'173	1'0288	0'141
5	0'0772	0'772	7'716	1'2860	0'176
6	0'0926	0'926	9'259	1'5432	0'212
7	0'1080	1'080	10'803	1'8004	0'247
8	0'1235	1'235	12'346	2'0576	0'282
9	0'1389	1'389	13'889	2'3149	0'318
10	0'1543	1'543	15'432	2'5721	0'353

British Troy and

Grain	=	20 Grains	Milligrammes,	Centigrammes,	Decigrammes.
Scruple (A)	=	24	64'79895	6'47990	0'64799
Pennyweight (T)	=	60	1,295'97901	129'59790	12'95979
Drachm (A)	=	480	1,555'17481	155'51748	15'55175
Ounce	=	3840	3,887'93704	388'79370	38'87937
Pound	=	57600	31,103'49617	31,103'4962	311'03496
			373,241'95410	37,324'19541	3,732'41954

In the new British Pharmacopœia the Avoirdupois Ounce and

Avoirdupois

Dram	=	27'34 Grains	Milligrammes,	Centigrammes,	Decigrammes.
Ounce	=	437'5	1,771'84630	177'18463	17'71846
Pound	=	7,000	28,349'54078	2,834'95408	283'49541
Stone	=	14 lb	453,592'65255	45,359'26525	4,535'92653
Hundredweight	=	112	...	...	...
Ton	=	2,240	...	...	...

MULTI

Milligrms.	Centigrms.	Grms.	Decigrms.	Grms.	Decagrms.	Grms.	Hectogrms.	Kilogrms.
to	to	to	to	to	to	to	to	to
1	64'799	6'480	0'065	38'879	3'888	0'389	31'103	0'311
2	129'598	12'960	0'130	77'759	7'776	0'778	62'207	0'622
3	194'397	19'440	0'194	116'638	11'664	1'166	93'310	0'933
4	259'196	25'920	0'259	155'517	15'552	1'555	124'414	1'244
5	323'995	32'399	0'324	194'397	19'440	1'944	155'517	1'555
6	388'794	38'879	0'389	233'276	23'328	2'333	186'621	1'866
7	453'593	45'359	0'454	272'156	27'216	2'722	217'724	2'177
8	518'392	51'839	0'518	311'035	31'103	3'110	248'828	2'488
9	583'190	58'319	0'583	349'914	34'991	3'499	279'931	2'799
10	647'990	64'799	0'648	388'794	38'879	3'888	311'035	3'110

Fractions of a Grain to Milligrammes.

$\frac{1}{2}$	=	32'4	$\frac{1}{4}$	=	12'96	$\frac{1}{8}$	=	9'26	$\frac{1}{16}$	=	45'36
$\frac{1}{3}$	=	21'6	$\frac{1}{6}$	=	25'92	$\frac{1}{12}$	=	8'10	$\frac{1}{24}$	=	58'32
$\frac{1}{4}$	=	43'2	$\frac{1}{8}$	=	38'88	$\frac{1}{16}$	=	7'20	$\frac{1}{32}$	=	3'24
$\frac{1}{5}$	=	15'2	$\frac{1}{10}$	=	51'84	$\frac{1}{20}$	=	6'48	$\frac{1}{40}$	=	1'20
$\frac{1}{6}$	=	48'6	$\frac{1}{12}$	=	10'80	$\frac{1}{24}$	=	19'44	$\frac{1}{48}$	=	0'65

of Weight.

dupois 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.			
				lbs.	oz.	grs.	lbs.	oz.	dr.	grs.
...	...	...	...	= 0	0	$\frac{1}{7000}$ nearly.	0	0	0	$\frac{1}{7000}$
0'00002	...	...	...	= 0	0	$\frac{1}{2100}$	0	0	0	$\frac{1}{2100}$
0'00022	...	...	...	= 0	0	$\frac{1}{700}$	0	0	0	$\frac{1}{700}$
0'00220	0'00002	0'00002	0'00002	= 0	0	$\frac{1}{210}$	0	0	0	$\frac{1}{210}$
0'02205	0'00020	0'00020	0'00020	= 0	0	$\frac{1}{70}$	0	0	0	$\frac{1}{70}$
0'22046	0'00197	0'00197	0'00197	= 0	3	$\frac{154}{35}$	0	0	2	$\frac{34}{7}$
2'20462	0'01968	0'01968	0'01968	= 2	3	$\frac{230}{7}$	0	3	1	$\frac{43}{7}$
22'04621	0'19684	0'19684	0'19684	= 22	0	$\frac{119}{5}$	2	8	1	$\frac{12}{5}$
						$\frac{323}{5}$	26	9	4	$\frac{3}{5}$

= weight of 1 cubic metre of water.

PLIERS.

Heotogrammes to			Kilogrammes to			Quintals to		Milliers to	
Troy oz.	Avoir, oz.	Avoir, lbs.	Troy oz.	Avoir, oz.	Avoir, lbs.	Hundredweights,	Tons,		
3'215	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	17	11'023	9'842	4'921		
19'290	21'164	1'323	192'904	211'64	13'228	11'810	5'905		
22'506	24'692	1'543	225'055	246'018	15'432	13'779	6'889		
25'721	28'219	1'764	257'206	282'192	17'637	15'747	7'874		
28'936	31'747	1'984	289'357	317'465	19'842	17'715	8'858		
32'151	35'274	2'205	321'507	352'739	22'046	19'684	9'842		

Apothecaries Weight to Metric.

Grammes.	Decagrammes,	Heotogrammes,	Kilogrammes.
0'06480	0'00648	0'00065	0'00066
1'29598	0'12960	0'01296	0'00130
1'55517	0'15552	0'01555	0'00156
3'88794	0'38879	0'03888	0'00389
31'10350	3'11035	0'31103	0'03110
373'24195	37'32420	3'73242	0'37324

Pound and the ordinary Grain are the only weights adopted.

to Metric.

Grammes.	Decagrammes,	Hectogrammes.	Kilogrammes.
1'77185	0'17718	0'01772	0'00177
28'34954	2'83495	0'28350	0'02835
453'59205	45'35927	4'53593	0'45359
6'350'29714	635'02971	63'50297	6'35030
50,802'37709	5,080'23771	508'02377	50'80238
016,047'54170	101,604'75417	1,0160'47542	1,016'04754

PLIERS.

Avoirdupois Ounces to			Avoirdupois Pounds to			Hundredweights to		Tons to	
Grms.	Hectogrms.	Kilogrms.	Grms.	Hectogrms.	Kilogrms.	Quintals,	Tons,		
28'350	0'283	0'028	453'593	4'536	0'454	0'508	1'016		
56'699	0'567	0'057	907'185	9'072	0'907	1'016	2'032		
85'049	0'850	0'085	1360'778	13'608	1'361	1'524	3'048		
113'398	1'134	0'113	1814'571	18'144	1'814	2'032	4'064		
141'748	1'417	0'142	2267'963	22'680	2'268	2'540	5'080		
170'097	1'701	0'170	2721'556	27'216	2'722	3'048	6'096		
198'447	1'984	0'198	3175'149	31'751	3'175	3'556	7'112		
226'796	2'268	0'227	3628'741	36'287	3'629	4'064	8'128		
255'146	2'551	0'255	4082'334	40'823	4'082	4'572	9'144		
283'495	2'835	0'283	4535'927	45'359	4'536	5'080	10'160		

Approximate Equivalents.

- 1,000 Kilogrammes or Metric Tonne is nearly 1 English Ton (about 1 $\frac{3}{4}$ % less).
- 1 Kilogramme equals weight of cubic decimetre or litre of water.
- 1 " is nearly 2 $\frac{1}{2}$ lb. Avoirdupois (about 1 $\frac{1}{2}$ % more); 5 Kilos. = 11lb. nearly.
- 1 Hectogramme is about 3 $\frac{1}{2}$ ounces Avoirdupois.
- 1 Decagramme is about $\frac{1}{2}$ ounce.
- 1 Gramme is about 15 $\frac{1}{2}$ grains.
- 65 Milligrammes are about 1 grain.
- 1 Hundredweight is nearly 51 Kilos. (about $\frac{2}{3}$ % less).
- 1 ounce Troy = 31 $\frac{1}{16}$ grammes
- 1 ounce Avoirdupois = 28 $\frac{3}{8}$ grammes } The ounce is commonly and conveniently taken as 30 grammes in making up photographic formulæ.
- 1 Drachm = 4 grammes nearly (about 1 $\frac{1}{2}$ grains less).

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, <i>1/73296 Cub. Ins.</i>
Millilitre or cubic centimetre	= $\frac{1}{1000}$	0'06103	0'00004	0'03522
Centilitre = 10 cubic cents	= $\frac{1}{100}$	0'61027	0'00035	0'35115
Decilitre = 100 " "	= $\frac{1}{10}$	6'10271	0'00353	3'52155
LITRE or cubic Decimetre	= 1	61'02705	0'03532	35'21547
Decallitre	= 10	610'27052	0'35317	352'15468
Hectollitre	= 100	6,102'70515	3'53166	3,521'54683
Kilollitre (cubic metre)	= 1,000	61,027'05152	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 = 35'23909 fluid ounces

MULTI

	Minims.	Millilitres to Fl. Draohms.	Fl. Oz.	Centilitres to Fl. Draohms.	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	0'352
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	0'352	28'172	3'522	35'215	1'761

British

	Millilitres or cubic centimetres,	Centilitres.
Minim	= 0'05916	0'00592
Drachm	= 3'54958	0'35496
Fluid ounce	= 28'39691	2'83966
Pint	= 567'93225	56'79322
Quart	= 1,135'86449	113'58665
Gallon	= 4,543'45797	454'34580

According to the corrected value of the Litre, as above, 1 pint = '56755

MULTI

	Minims to Millilitres.	Fl. Draohms to Millilitres.	Millilitres,	Fluid Ounces to Decilitres.	Litres.
1 = 0'059	15 = 0'887	1 = 3'550	28'397	0'284	0'028
2 = 0'118	20 = 1'183	2 = 7'099	56'793	0'568	0'057
3 = 0'177	25 = 1'479	3 = 10'649	85'190	0'852	0'085
4 = 0'237	30 = 1'775	4 = 14'198	113'586	1'136	0'114
5 = 0'296	35 = 2'071	5 = 17'748	141'983	1'420	0'142
6 = 0'355	40 = 2'366	6 = 21'297	170'380	1'704	0'170
7 = 0'414	45 = 2'662	7 = 24'847	198'776	1'988	0'199
8 = 0'473	50 = 2'958	8 = 28'397	227'173	2'272	0'227
9 = 0'532	55 = 3'254	9 = 31'946	255'570	2'556	0'256
10 = 0'592	60 = 3'550	10 = 35'496	283'966	2'840	0'284

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 8750 " " = 34'65923 cubic inches,
 1 Gallon = 10 lb or 70,000 " " = 277'27384 " "
 Cubic feet \times 6'2321 = gallons.
 Gallons \times '16046 = cubic feet.
 Litres \times '03532 = " " " " " " " " " " " "
 "
 1 Cubic inch of distilled water at 62° F., Bar. 30 ins. = 252'458 grains = '0361 lb = 16'385176 cubic cent,
 1 Cubic foot of water = 62'321 lb = 6'2321 gallons = 28'315312 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, 34'65923 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	0'00220	= 0	0	0	0	49'03
= 0'17608	0'02201	= 0	0	0	2	10'34
= 1'76077	0'22010	= 0	1	3	4	43'43
= 17'60773	2'20097	= 2	1	15	1	13'44
= 176'07734	22'00967	= 22	0	12	1	22'47
= 1,760'77341	220'09668	= 220	0	15	3	44'56
= 17,607'73414	2,200'96677	= 2,200	7	14	5	28'94

1'76077 pints or 0'22009668 gallon. More accurate determination shows that the correct equivalent is 1'761954 pints, or the Millilitre = '281913 fluid drachms = 16'91476 minims. The practical difference is trifling.

PLIERS.

Fl. Ounces,	Litres to Pints.	Gallons.	Decalitres to Quarts,	Gallons.	Kilolitres to Gallons.
35'215	1'761	0'220	8'804	2'201	220'097
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	...
0'00350	0'00355	0'00035	...
0'28397	0'2840	0'00284	0'000028
5'67932	0'56793	0'05679	0'000358
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 = 0'5911 C. C.

PLIERS.

Millilitres,	Pints to Decilitres.	Litres.	Quarts to Litres.	Gallons to Litres.
567'032	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	4'543	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 1¾ 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 28¾ cubic centimetres.
- 1 Pint is about 568 cubic centimetres.
- 1 Quart is rather more than 1½ litres.
- Gallon is about 4½ litres (1% more).

IV.--Cubic

The unit of Metric Measurement is the STERE, or CUBIC METRE, weighing
Metric to

Cubic Millimetre		=	1,000	Cubic millim.	=	0'0000001
Cubic Centimetre		=	1,000	" centim.	=	0'0001
Millistere (cubic decim.)		=	10	" decim.	=	0'001
Centistere		=	100	" "	=	0'01
Decistere		=	1,000	" "	=	0'1
STERE (cubic metre)		=	10	" metres.	=	1
Decastere		=	100	" "	=	10
Hectostere		=		" "	=	100

NOTE.—The Stere is more generally used for measuring timber, wood-work, or firewood,

	Cubic Centimetres to	Cubic Inches,	Cubic Inches,	Cubic Decimetres to	Cubic Feet.	MULTI
1	0'061	0'061	61'027	0'061	0'035	
	0'122	0'122	122'054	0'122	0'071	
3	0'183	0'183	183'081	0'183	0'106	
4	0'244	0'244	244'108	0'244	0'141	
5	0'305	0'305	305'135	0'305	0'177	
6	0'366	0'366	366'162	0'366	0'212	
7	0'427	0'427	427'189	0'427	0'247	
	0'488	0'488	488'216	0'488	0'283	
9	0'549	0'549	549'243	0'549	0'318	
10	0'610	0'610	610'271	0'610	0'353	

	Cubic Inches,	Cubic Feet.	Cubic Yards,	British to
Cubic Inch	= 1	= 0'0005787	0'00002143	
Cubic foot	= 1,728	= 1'00	0'03704	
Cubic yard	= 46,656	= 7'00	1'00	

	Cubic Inches to	Cubic Decimetres,	Cubic Feet to	Cubic Metres,	MULTI
1	16'386	28'315	16'386	0'028	
2	32'772	56'631	32'772	0'057	
3	49'159	84'946	49'159	0'085	
4	65'545	113'261	65'545	0'113	
5	81'931	141'577	81'931	0'142	
	98'317	169'892	98'317	0'170	
7	114'703	198'207	114'703	0'198	
8	131'089	226'522	131'089	0'227	
9	147'476	254'838	147'476	0'255	
10	163'862	283'153	163'862	0'283	

Approximate

- 1 cubic metre is nearly $1\frac{1}{4}$ cubic yard ($1\frac{1}{4}\%$ less).
- 1 " " is nearly $35\frac{1}{2}$ cubic feet ($0'05\%$ less).
- 10 cubic metres equal 13 cubic yards.
- 1 cubic yard is about $\frac{2}{3}$ 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	0'0000003	.....
0'061027	0'000353	0'000001
61'027052	0'035317	0'001308
610'270515	0'353166	0'013080
6102'705152	3'531658	0'130802
61027'051519	35'316581	1'308022
610270'515194	353'165807	13'080215
.....	3531'658074	130'802151

The Centistere, Decistere, Decastere, and Hectostere are not cubic measures but only measures of volume.

LIERS.

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	28'315312	0'028315
= 764513'422137	764'513422	0'764513

LIERS.

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 16 $\frac{3}{4}$ cubic centimetres ($\cdot 014$ less).
- 1 cubic metre is the cube of nearly 39 $\frac{3}{8}$ inches (135'9 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 $\frac{1}{8}$ inch ($\cdot 00297$ cubic inches less).
- 1 cubic millimetre is the cube of nearly $\frac{1}{316}$ inch ($\cdot 000003$ 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

Metric to

The Unit of Metric Measurement for Land Measure

Square Millimetre	= $\frac{1}{1000000}$ Sq. Metre.	= $\frac{1}{100}$ Sq. centim.	= Sq. Inches,	Sq. Feet.
Square Centimetre	= $\frac{1}{10000}$ " "	= $\frac{1}{100}$ " decim.	= 0'00155	0'00001
Square Decimetre	= $\frac{1}{100}$ " "		= 0'15501	0'00108
Square Metre, or Centiare	= 1 " "		= 15'50059	0'10764
ARE	= 100 Sq. Metres.		= 1,550'05911	10'76430
Hectare	= 10,000 " "		= 155,005'91052	1,076'42993
			= ...	107,642'99341

MULTI

	Square Millims. to	Square Centimetres to	Square Decimetres to			
	Sq. Inches.	Sq. Inches.	Sq. Feet.	Sq. Inches.	Sq. Feet.	Sq. Yards
1	0'002	0'155	0'001	15'501	0'108	0'012
2	0'003	0'310	0'002	31'001	0'215	0'024
3	0'005	0'465	0'003	46'502	0'323	0'036
4	0'006	0'620	0'004	62'002	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	0'072
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 Inch	= ...	Square Millimetros.	Square Centimetros.
" Foot	= 144 square inches.	= 645'13669	6'45137
" Yard	= 9 " " feet.	= ...	928'99683
" Perch	= 30'25 " " yards.	= ...	8,360'97150
Rood	= 40 " " perches.	= ...	...
Acre	= 4 roods.	= ...	...
Square Mile	= 640 acres.	= ...	...

MULTI

	Square Inches to	Sq. Centims.	Sq. Centims.	Square Feet to	Sq. Decims.	Sq. Decims.	Sq. Metres.
	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 $\frac{1}{625}$ of a square inch, or the square of $\frac{1}{25}$ of an inch.

One square centimetre is nearly $\frac{1}{6.25}$ of a square inch, or the square of $\frac{1}{2.5}$ of an inch.

One square metre contains rather more than 10 $\frac{1}{2}$ square feet, or nearly 1 $\frac{1}{2}$ square yards.

One are is about $\frac{1}{10}$ of an acre.

One hectare contains nearly 2 $\frac{1}{2}$ 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
11,960'33260	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.
0'06451	0'00065	0'00001	...
9'28997	0'09290	0'00093	0'00001
83'60971	0'83610	0'00836	0'00008
2,529'19388	25'29194	0'25292	0'00253
...	1,011'67755	10'11678	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.	
25'292	0'253	10'117	40'467	0'405	258'989	1
50'584	0'506	20'234	80'934	0'809	517'979	2
75'876	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 $6\frac{1}{2}$ square centimetres.
 One square foot contains nearly $9\frac{1}{2}$ square decimetres or $\frac{1}{15}$ of a square metre.
 One square yard is nearly $\frac{3}{8}$ or $\frac{3}{16}$ of a square metre.
 1 Acre is nearly 40 $\frac{1}{2}$ ares or $\frac{1}{8}$ of a hectare.
 1 Square mile is very nearly 259 hectares.

VI.—Conversion of British

British Indian

The unit of British Indian Weight

			Milligrammes.	Centigrammes.
Dhan	= $\frac{1}{32\frac{1}{2}}$ Tola	= $\frac{1}{32\frac{1}{2}}$ Grain	= 30'37451	3'03745
Rati	= $\frac{1}{60}$ "	= $\frac{1}{60}$ Grains	= 121'49803	12'14980
Masha	= $\frac{1}{15}$ "	= 15 "	= 971'98426	97'19843
TOLA	= 1 "	= 180 "	= 11663'81107	1166'38111
Chhatak	= 5 Tolas	= 900 "	= 58319'05533	5831'90553
Ser (Seer)	= 80 "	= 3600 Grains avoird.	= 93310'88524	9331'048852
Man (Maund)	= 3,200 "	= 82½ lbs Avoird. 100lbs. Troy =		37324'1954095

Under Bengal Regulation VII of 1833, the only legalised British Indian weights are the *Tola*, of 180 grains Troy; the and their values vary considerably in different parts of India; those stated in the table are given by Prinsep (*Useful Tables*,

	Dhans		Ratis		Mashas		Tolas		MULTI
	to	to	to	to	to	to	to		
	Milligrammes.	Milligrammes.	Milligrammes.	Grammes.	Grammes.	Decagrammes.	Kilogrammes.		
1	= 30'375	121'498	971'984	0'972	11'664	1'166	0'012		
2	= 60'749	242'996	1943'969	1'944	23'328	2'333	0'023		
3	= 91'124	364'494	2915'953	2'916	34'991	3'499	0'035		
4	= 121'498	485'992	3887'937	3'888	46'655	4'666	0'047		
5	= 151'873	607'490	4859'921	4'860	58'319	5'832	0'058		
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	0'01039
Centigramme	= 0'32922	0'08231	0'10288
Decigramme	= 3'29223	0'82306	1'02882
Gramme	= 32'92234	8'23059	10'28823
Decagramme	= 329'22340	82'30586	102'88232
Hectogramme	= 3292'234398	823'05860	1028'82325
Kilogramme	= 32922'34398	8230'58599	10288'23249
Myriagramme	= .....	.....	102882'32493
Quintal	= .....	.....	.....
Millier or Tonne	= .....	.....	.....

	Dhans.		Ratis.		Mashas.		Tolas.		MULTI
	to	to	to	to	to	to	to		
	Dhans.	Ratis.	Mashas.	Tolas.	Ohhataks.	Sers.			
1	32'922	8'231	1'029	0'086	0'017	0'0011			
2	65'845	16'461	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	65'844	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 $\frac{1}{32}$ decigrammes (about '035 less).
- 1 Masha is nearly $\frac{1}{180}$ gramme (about '003 less).
- 1 Tola is nearly $\frac{1}{1166}$ kilogramme (about '067 less).
- 1 Ser is nearly $\frac{1}{37}$ kilogrammes (about '018 less).
- 1 Man is nearly $\frac{1}{32}$ kilogrammes (about '009 less).
- " " $\frac{1}{37}$ kilograms of a tola, or $\frac{3}{32}$ dhans (about '04 less).
- 1 Decigramme is nearly $\frac{1}{121}$ of a tola, or $\frac{3}{15}$ ratis (about '029 more).
- 1 Gramme is nearly $\frac{1}{97}$ of a tola (about '007 more).
- 1 Decagramme is about $\frac{1}{116}$ of a tola (about '035 less).
- 1 Hectogramme is about $\frac{1}{116}$ of a tola (about '074 more) or nearly $\frac{1}{3}$ chhataks (about '035 less).
- 1 Kilogramme is nearly $\frac{1}{116}$ of a tola (about '015 less) or about 1 ser (about '072 more).
- 1 Quintal is about $2\frac{1}{2}$ mans (about '0125 more).
- 1 Millier or Tonne is nearly $26\frac{1}{2}$ mans (about '008 less).

Indian and Metric Weights.

to Metric.

is the TOLA, equal to 180 Grains.

Decigrammes.	Grammes.	Decagrammes.	Hectogrammes.	Kilogrammes.	Myriagrammes.
0'30375	0'03037	0'00304	0'00030	0'00003	.....
1'21498	0'12150	0'01215	0'00121	0'00012	0'00001
9'71984	0'97198	0'09720	0'00972	0'00097	0'00010
116'63811	11'66381	1'16638	0'11664	0'01166	0'00117
583'19055	58'31906	5'83191	0'58319	0'05832	0'00583
9331'04885	933'10489	93'31049	9'33105	0'93310	0'09331
373241'95410	37324'19541	3732'41954	373'24195	37'32420	3'73242

Ser equal to 80 Tolas and the Man equal to 40 Sers. Mashas, Ratis and Dhans are used by native goldsmiths and jewellers, p. 96). There is also a weight called Panseri equal to 5 sers.

PLIERS.

Ohhataks to		Sers to		Mans to	
Grammes.	Kilogrammes.	Grammes.	Kilogrammes.	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
233'276	0'233	3732'420	3'732	149'297	4
291'595	0'292	4665'524	4'666	185'621	5
349'914	0'350	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	.....
0'08574	0'01715	0'00107	.....
0'85735	0'17147	0'01072	0'00003
8'57353	1'71471	0'10717	0'00017
85'73527	17'14705	1'07169	0'00268
857'35271	171'47054	10'71691	0'02679
8573'52708	1714'70542	107'16909	2'67923
85735'27078	17147'05416	1071'69088	26'79227

PLIERS.

Kilogrammes to		Quintals to	
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
342'941	68'588	4'2868	0'1072
428'676	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
			0'1608
			16'0753
			18'7546
			21'4338
			24'1130
			26'7923

Fractions of a Tola to Milligrammes.

$$\begin{aligned} \frac{1}{8} &= 728'988 \\ \frac{1}{3} &= 1457'976 \\ \frac{1}{4} &= 2915'953 \\ \frac{1}{8} &= 3887'937 \end{aligned}$$

$$\begin{aligned} \frac{1}{8} &= 4373'929 \\ \frac{1}{3} &= 5831'906 \\ \frac{1}{4} &= 7775'874 \\ \frac{1}{8} &= 8747'858 \end{aligned}$$

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.
- $\frac{1}{8}$ Ounce Avoirdupois (the unit for English letter postage) = 1'215 Tolas.
- $\frac{1}{5}$ Grammes (the unit for foreign letter postage) = 1'286 Tolas or about $\frac{1}{4}$ Tolas.

Government of India Central Printing Office. — No. 61 D, O.—27-9-89.—650.

CONTENTS

OF THE NATURAL HISTORY PART (PT. II.) OF THE JOURNAL OF THE ASIATIC SOCIETY OF BENGAL FOR 1888.

No. 1, (issued July 8th, 1888). *Notes on Indian RHYNCHOTA; HETEROPTERA, No. 3.*—By E. T. ATKINSON, B. A.—*A General Theorem on the Differential Equation of Trajectories.*—By ASUTOSH MUKHOPADHYAY, M. A., F. R. A. S., F. R. S. E. *On Poisson's Integral.*—By ASUTOSH MUKHOPADHYAY, M. A., F. R. A. S., F. R. S. E. (With a Woodcut.) *On the Nature of the Toxic Principle of the Aroideæ.*—By A. PEDLER, F. C. S. (Lond. and Berl.), *Professor of Chemistry, Presidency College, and C. J. H. WARDEN, F. C. S. (Lond. and Berl.), Professor of Chemistry, Medical College, Calcutta.*

No. 2, (issued July 19th, 1888). *Notes on Indian RHYNCHOTA; HETEROPTERA, No. 5.*—By E. T. ATKINSON, B. A. *On recent Tornadoes in Bengal with special reference to the Tornado at Dacca on April 7th, 1888. In two Parts. Part I. A Description of the Meteorological Conditions in Bengal which accompanied the Formation of the Dacca Tornado.*—By ALEX. PEDLER, *Offg. Meteorological Reporter to the Government of Bengal.* Part II. *A full Description of the actual Phenomena of the Dacca Tornado.*—By A. CROMBIE, M. D., *Civil Surgeon of Dacca.* (With Plates XXIV.—XXIX.)

No. 3, (issued October 10th, 1888). *Natural History Notes from H. M.'s Indian Marine Survey Steamer 'Investigator,' Commander ALFRED CARPENTER, R. N., D. S. O., Commanding. No. 9. Further Notes on the Amphipoda of Indian Waters.*—By G. M. GILES, M. B., F. R. C. S., *Surgeon-Naturalist to the Marine Survey.* (With Plates VI.—XII.) *On Eupetaurus, a new form of Flying Squirrel from Kashmir.*—By OLDFIELD THOMAS, *British Museum (Natural History).* Communicated by THE NATURAL HISTORY SECRETARY. (With Plates XXII. and XXIII.)

No. 4, (issued March 23rd, 1889.) *On new or little-known Butterflies from the Indian Region.*—By LIONEL DE NICEVILLE, F. E. S., C. M. Z. S. (With Pls. XIII and XIV.) *A List of the Ferns of Simla in the N. W. Himalaya between Levels of 4,500 and 10,500 feet.*—By H. F. BLANFORD, F. R. S. (With Pls. XVI.—XXI.) *On the Differential Equation of all Parabolas.*—By ASUTOSH MUKHOPADHYAY, M. A., F. R. A. S., F. R. S. E. *New or little-known India Rhynchota.*—By E. T. ATKINSON, B. A. (With Pl. XV.) *The Butterflies of the Nilgiri District, South India.*—By G. F.

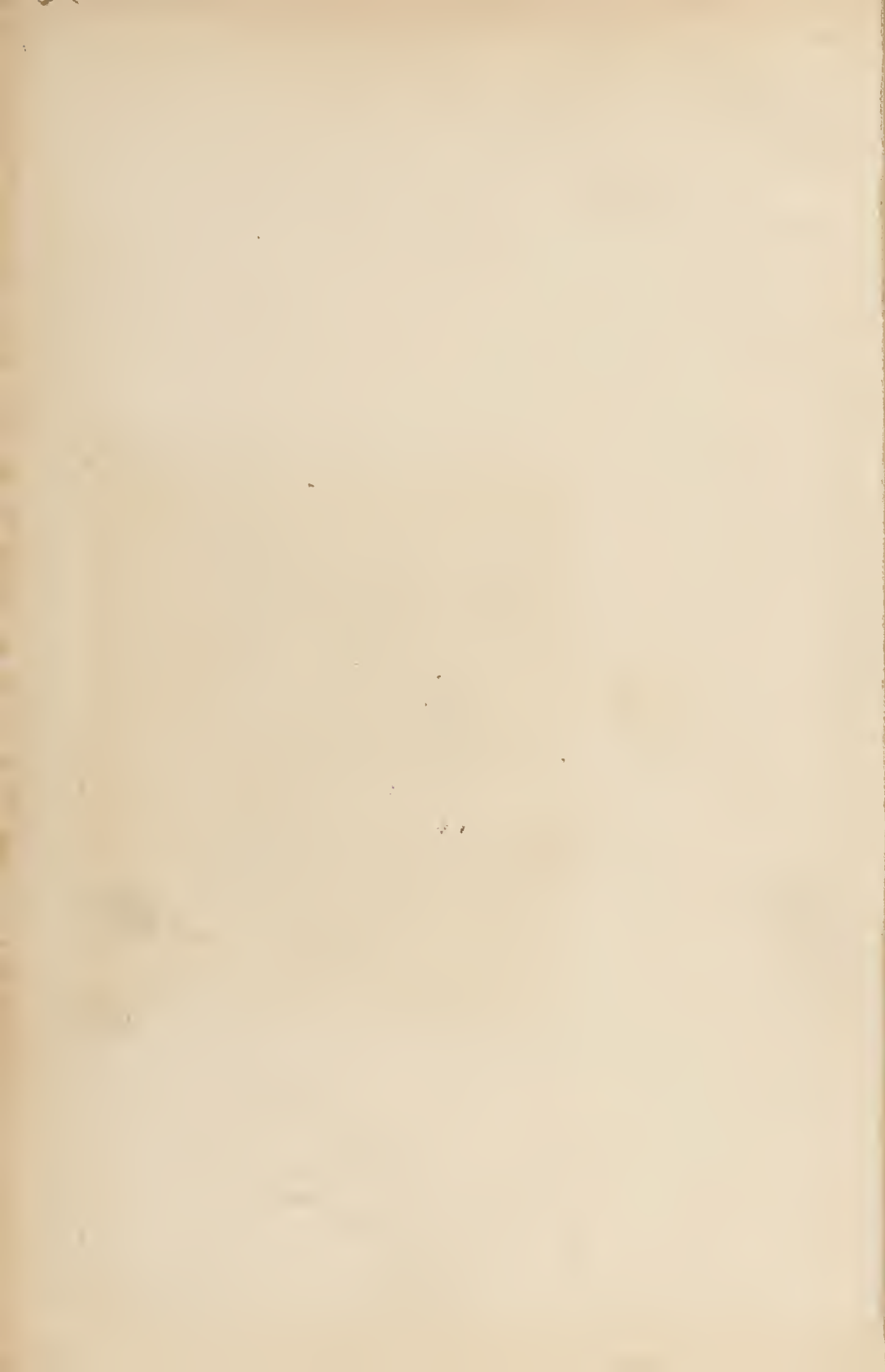
HAMPSON, B. A., *Coll. Exon., Oxon.* Communicated by THE SUPERINTENDENT OF THE INDIAN MUSEUM. *The Psychrometer and the Condensing Hygrometer.*—By S. A. HILL, B. SC., *Meteorological Reporter to the Government of the North-Western Provinces and Outh.* *Anoplophrya æolosomatis, a new Ciliate Infusorian parasitic in the Alimentary Canal of Æolosoma chlorostictum* W.-M., MSS.—By HENRY H. ANDERSON, B. A. Communicated by THE MICROSCOPICAL SOCIETY OF CALCUTTA. (With Pl. I.) *On certain Features in the Geological structures of the Myelat District of the Southern Shan States in Upper Burmah as affecting the Drainage of the Country.*—By BRIGADIER-GENERAL H. COLLETT, C. B. Communicated by DR. D. D. CUNNINGHAM. *Notes on some Objects from a Neolithic Settlement recently discovered by MR. W. H. P. DRIVER, at Ranchi in the Chota Nagpore District.*—By J. WOOD-MASON, Superintendent of the Indian Museum, and Professor of Comparative Anatomy in the Medical College of Bengal, Calcutta. (With Pls. II.—V.)

~~~~~









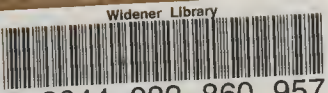


3 2044 025 685 868

THE BORROWER WILL BE CHARGED  
AN OVERDUE FEE IF THIS BOOK IS NOT  
RETURNED TO THE LIBRARY ON OR  
BEFORE THE LAST DATE STAMPED  
BELOW. NON-RECEIPT OF OVERDUE  
NOTICES DOES NOT EXEMPT THE  
BORROWER FROM OVERDUE FEES.

WIDENER  
BOOK DUE  
JAN 6 - 1992  
*Handwritten signature*  
**CANCELLED**  
JAN 6 - 1991

Widener Library



3 2044 083 860 957

HD

