

Coleopterorum Catalogus

auspiciis et auxilio

W. Junk

editus a

S. Schenkling.

Pars 123:

K. W. von Dalla Torre (†) et S. Schenkling

**Curculionidae:
Subfam. Curculioninae.**



W. Junk
Berlin W 15.
1932.

Subfam. Curculioninae.

Auct. K. W. von Dalla Torre (†) et S. Schenkling.

- Balanininae* C. G. Thomson, Skand. Col. I, 1859, p. 137; VII, 1865, p. 223; X, 1868, p. 163, 193. — J. Leconte & G. Horn, Classif. Col. N. Amer. ed. 2, 1883, p. 459, 497. — Marshall, Ann. Mag. Nat. Hist. (9) XI, 1923, p. 550. — Tillyard, Ins. Australia and N. Zealand 1926, p. 245.
- Balanines* Blanchard, Hist. Nat. Ins. II, 1845, p. 122.
- Balaninides* Lacordaire, Gen. Col. VI, 1863, p. 538, 573. — Desbrochers, Frelon II, 1892—93 (1892), p. 102, 118, 155. — Lea, Trans. Roy. Soc. S. Austral. XXVIII, 1904, p. 132.
- Balanides* Desbrochers, Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 331, 411; (5) II, 1872, p. 413.
- Balaninidae* J. Leconte, Proc. Amer. Philos. Soc. XV, 1876, p. 113, 322. — Desbrochers, Frelon II, 1892—93, p. 102, 118.
- Balaninini* Redtenbacher, Fn. Austr. ed. 3, 1874, I, p. CXXIX, CXXXVI; II, p. 306. — Bedel, Fn. Col. Bassin Seine VI, 1883—86 (1884), p. 66; (1885), p. 187; (1887), p. 350. — Everts, Col. Neerland. II, 1903, p. 548, 558, 701. — Heyne-Taschenberg, Exot. Käf. 1908, p. 230. — Casey, Ann. N. York Acad. IX, 1897, p. 655; Canad. Ent. XLII, 1910, p. 114. — Reitter, Verh. Nat. Ver. Brünn LI, 1912 (1913) (Best.-Tab. 68), p. 56, 73; Fn. Germ. V, 1916, p. 119, 188. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 277. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 86; LXXXVIII, 1927, p. 175. — Nüsslin-Rhumler, Forstinsektenkunde, ed. 4, 1927, p. 227.
- Balaninidi* Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 15.
- Tychiina* (pars) Seidlitz, Fn. Balt. ed. 2, 1887—91 (1891), Gatt. p. 168, Arten p. 638.
- Balanina* Fowler, Col. Brit. Isl. V, 1891, p. 213, 382.
- Balaniniens* Lameere, Man. Fn. Belg. II, 1900, p. 490, 497.
- Balaninina* Champion, Biol. Centr.-Amer. Col. IV, 4, 1903, p. 279. — Wagner in Calwer-Schaufuss, Käferbuch, ed. 6, 1907—1916 (1915), p. 1144.
- Tychiini* (pars) Heyden, Reitter & Weise, Cat. Col. Eur. ed. 2, 1906, p. 681.
- Balanini* Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 261. — Kôno, Ins. Matsumurana V, 1930, p. 8.
- Curculionidae* Pierce, Proc. U. S. Nat. Mus. LI, 1917, p. 464; Proc. Ent. Soc. Wash. XXI, 1919, p. 22, 24.
- Timolina* + *Pseudobalaninina* + *Balanina* Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 94, 95, 104; LXXXVIII, 1927, p. 175.

Balaninorrhynchus Fairm.¹⁾

Fairm. Ann. Soc. Ent. Belg. XLIII, 1899, p. 543. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 277. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 93.

- costulipennis** Fairm. Ann. Soc. Ent. Fr. (6) VI, 1886, p. 82 (*Ocladius*). — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 279 (*Balaninorrhynchus*). Madagascar
- frontalis** Fairm. Ann. Soc. Ent. Belg. XLI, 1897, p. 172 (*Ocladius*). — Hustache, l. c. p. 278 (*Balaninorrhynchus*). "
- plicicollis** Fairm. Ann. Soc. Ent. Fr. (6) VI, 1886, p. 80 (*Ocladius*). — Hustache, l. c. p. 279 (*Balaninorrhynchus*). "
- squamosipictus** Hustache, Echange XXXVI, 1920, nr. 400, hors texte, p. 6; Bull. Acad. Malgache (n. s.) VII, 1924, p. 279, 280. "
- strigicollis** Fairm. Ann. Soc. Ent. Belg. XLIII, 1899, p. 543. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 278, 280. "

5

Aviranus Fairm.

Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 376. — Pic, Echange XXXVI, 1920, nr. 400, hors texte p. 7. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 206. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 93.

Trichobalaninus Heller, l. c. p. 104, 112.

- apicatus** Fairm. Ann. Soc. Ent. Fr. LXXII, 1903, p. 240. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 298, 299. Madagascar
- elegans** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 376. "
- fulvus** Hustache, Echange XXXVI, 1920, nr. 400, hors texte p. 7; Bull. Acad. Malgache (n. s.) VII, 1924, p. 297, 299. "
- hirtulus** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 374 (*Pseudobalaninus*). — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 297, 298 (*Aviranus*). "
- lamellicoxis** Hustache, Echange XXXVI, 1920, nr. 400, hors texte p. 7; Bull. Acad. Malgache (n. s.) VII, 1924, p. 298, 299 (*Aviranus*). "
- longehirtus** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 375 (*Pseudobalaninus*). — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 297, 299 (*Aviranus*). "
- mixtus** Hustache, Echange XXXVI, 1920, nr. 400, p. 7; Bull. Acad. Malgache (n. s.) VII, 1924, p. 298, 299. "
- obliquatus** Fairm. Ann. Soc. Ent. Belg. XLI, 1897, p. 183 (*Pseudobalaninus*). — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 297, 299 (*Aviranus*). — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 110 (*Pseudobalaninus*). "

¹⁾ Diese Gattung soll nach Heller (Ent. Blätt. XXV, 1929, p. 45) wegen des abweichenden Baues der Mandibeln nicht zu den *Curculioninae* gehören.

- penicillatus** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 375 (*Pseudobalaninus*). — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 298, 300 (*Aviranus*). — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 112. Madagascar
- pictor** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 376. — Hustache, l. c. p. 296, 300. „
- rubricollis** Hustache, Echange XXXVI, 1920, nr. 400, p. 7; Bull. Acad. Malgache (n. s.) VII, 1924, p. 296, 301. „
- spinicoxis** Hustache, l. c. p. 7; l. c. p. 298, 300. „
lineatipes Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 112 (*Trichobalaninus*). „
 12

Pseudobalaninus Faust.

- Faust, Stett. Ent. Zeit. L, 1889, p. 97. — Fairm. Ann. Soc. Ent. Belg. XLI, 1897, p. 181. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 281. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 93, 104.
- albogriseolus** nom. nov. Madagascar
- albogriseus* Fairm. Ann. Soc. Ent. Fr. LXXII, 1902, p. 373 (nec 1899). — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 283, 291. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 111.
- bicruciatu**s Faust, Stett. Ent. Zeit. LVI, 1895 (1896), p. 326. — Hustache, l. c. p. 288, 295. — Heller, l. c. p. 111. „
- bicarciatus* Sharp, Zool. Record, Ins. 1896, (1897), p. 163.
- Bohemani** Faust, Stett. Ent. Zeit. L, 1889, p. 98 (*Bohemanni*). — Fairm. Ann. Soc. Ent. Belg. XLI, 1897, p. 182. — Hustache, l. c. p. 285, 288. — Heller, l. c. p. 109. „
- cruciatu**s Heller, l. c. p. 104. „
- Decorsei** Hustache, Echange XXXVI, 1920, nr. 400, hors texte p. 7; Bull. Acad. Malgache (n. s.) VII, 1924, p. 287, 294. „
- denticulatus** Hustache, l. c. p. 7; l. c. p. 283, 289. „
- elegans** Fairm. Ann. Soc. Ent. Fr. LXIX, 1900, p. 498 (*Nerthops*). — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 287, 295 (*Pseudobalaninus*). „
- filirostris** Hustache, Echange XXXVI, 1920, nr. 400, hors texte p. 6; Bull. Acad. Malgache (n. s.) VII, 1924, p. 284, 290. „
- geminatus** Hustache, l. c. p. 7; l. c. p. 285, 292. „
septempunctatus Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 107, 111.
- griseopilosus** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 373. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 286, 292. „
- var. *tibialis* Hustache, Echange XXXVI, 1920, nr. 400, hors texte p. 7; Bull. Acad. Malgache (n. s.) VII, 1924, p. 286, 292. „
- Hartmanni** Heller, l. c. p. 105, 110. „
- hovanus** Hustache, Echange XXXVI, 1920, nr. 400, hors texte p. 7; Bull. Acad. Malgache (n. s.) VII, 1924, p. 286, 291. „

- **leucocomus** Faust, Stett. Ent. Zeit. LVI, 1895 (1896), p. 325. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 285, 288. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 109. Madagascar
- niphades** Fairm. Ann. Soc. Ent. Belg. XLI, 1897, p. 181. — Hust. l. c. p. 288. — Heller, l. c. p. 109.
- striatipennis** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 377. — Hust. l. c. p. 288.
- var. **adumbratus** Faust, Stett. Ent. Zeit. LVI, 1895 (1896), p. 325. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 110.
- var. **nigroscutatus** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 372.
- longirostris** Hustache, Echange XXXVI, 1920, nr. 400, hors texte p. 7; Bull. Acad. Malgache (n. s.) VII, 1924, p. 285, 293. ”
- melaleucus** Boh. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 281 (*Balaninus*). — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 284, 290 (*Pseudobalaninus*). — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 110. ”
- albogriseus** Fairm. Ann. Soc. Ent. Belg. XLII, 1899, p. 544 (*Balaninus*). — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 290 (*Pseudobalaninus*).
- metasternalis** Fairm. Ann. Soc. Ent. Fr. LXXII, 1903, p. 240. — Hustache, l. c. p. 288, 295. ”
- minutus** Hustache, Echange XXXVI, 1920, nr. 400, hors texte p. 7; Bull. Acad. Malgache (n. s.) VII, 1924, p. 286, 292. ”
- nigrobasalis** Hustache, l. c. p. 6; l. c. p. 288, 295. ”
- nigroscutatus** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 372. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 283, 291. ”
- novempilatus** Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 106, 110. ”
- perelegans** Fairm. Ann. Soc. Ent. Belg. XLI, 1897, p. 183. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 288, 295. ”
- pulcher** Faust, Stett. Ent. Zeit. L, 1889, p. 100. — Fairm. Ann. Soc. Ent. Belg. XLI, 1897, p. 185. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 288, 295. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 110. ”
- quadrillus** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 374. — Hustache, l. c. p. 287, 294. ”
- rufipes** Fairm. l. c. p. 373. — Hustache, l. c. p. 284, 291. ”
- tibialis** Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 108, 111. ”
- semifasciatus** Faust, Stett. Ent. Zeit. L, 1889, p. 99. — Fairm. Ann. Soc. Ent. Belg. XLI, 1897, p. 182. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 285, 288. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, p. 110. ”
- sexplagiatus** Heller, l. c. p. 107, 111. ”
- tetragrammus** Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 372. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 286, 291. ”

Carponinus Heller.

- Heller, Mem. Soc. Ent. Ital. III, 1924, p. 187; Stett. Ent. Zeit. LXXXVI, 1925, II, p. 104, 112.
- acutidens** Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 112. Sumatra
- affinis** Heller, l. c. p. 113. Borneo
- agnatus** Heller, l. c. p. 113. W. Java
- albosuturalis** Heller, l. c. p. 114. Luzon
- alcidulus** Heller, l. c. p. 115. S.O. Sumatra
- alternans** Heller, l. c. p. 116. "
- axillaris** Faust, Stett. Ent. Zeit. LVI, 1895, p. 15 (*Balaninus*). — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 273 (*Carponinus*). Luzon
- bilineatus** Mshl. Proc. Zool. Soc. Lond. 1919, p. 367, 375, t. 1, f. 4. Sarawak
- bipunctatus** Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 117. N.O. Borneo, Java
- bispilotus** Mshl. Proc. Zool. Soc. Lond. 1919, p. 367, 371, t. 1, f. 2 (*Balaninus*). — Heller, l. c. p. 117 (*Carponinus*). Borneo, O. Java, Sumatra
- Bryanti** Mshl. l. c. p. 366, 369, t. 1, f. 8. Sumatra
- cinereus** Pasc. Ann. Mag. Nat. Hist. (5) XII, 1883, p. 92. Tondano, Macassar
- enganus** Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 118. Engano
- excavatus** Mshl. Proc. Zool. Soc. Lond. 1919, p. 367, 373. Sarawak
- excisipes** Mshl. l. c. p. 367, 373, t. 1, f. 3.
- flavospretus** Heller, l. c. p. 119. Tonkin
- geminus** Heller, l. c. p. 120. N. Borneo
- glabricollis** Mshl. Proc. Zool. Soc. Lond. 1919, p. 368, 370, t. 1, f. 7. Sarawak
- gyrosicollis** Mshl. Proc. Zool. Soc. Lond. 1919, p. 367, 378, t. 2, f. 2 (*Balaninus*). — Heller, l. c. p. 122 (*Carponinus*). Sarawak
- haematerus** Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 121. N. Borneo
- hilaris** Heller, l. c. p. 121. S. Java
- javanus** Heller, l. c. p. 123. Java
- lombokianus** Heller, l. c. p. 123. Lombok
- malayianus** Heller, l. c. p. 124. Java, N.O. Sumatra, Borneo
- subsp. *trifasciatus* Heller, l. c. p. 125. Java
- melanothorax** Heller, l. c. p. 125. O. Java
- molobrus** Heller, l. c. p. 126. Borneo
- nigrofasciatus** Heller, l. c. p. 125. Luzon
- nigrorufus** Mshl. Proc. Zool. Soc. Lond. 1919, p. 367, 380, t. 1, f. 1. Sarawak
- nitelus** Heller, Mem. Soc. Ent. Ital. III, 1924, p. 188. Mindanao
- numenius** Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 127. Hongkong
- plicatulus** Heller, l. c. p. 128. Formosa
- subsp. *definitus* Heller, l. c. p. 129. "
- rufulus** Mshl. Proc. Zool. Soc. London 1919, p. 367, 377. Sarawak
- semiflavus** Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 129. C. Borneo

- semisuturrellus** Mshl. Proc. Zool. Soc. London 1919, p. 367, 376. Sarawak
- sesquilineatus** Mshl. l. c. p. 367, 374, t. 1, f. 6.
- Solarii** Heller, l. c. p. 131. Holländ.
Neuguinea
- stramineopictus** Heller, Ent. Mitteil. XIV, 1925, p. 285
(*Balaninus*); Stett. Ent. Zeit. LXXXVI, 1925,
II, p. 130 (*Carponinus*). D. Neu-
guinea
- subrubescens** Heller, Stett. Ent. Zeit. LXXXVI, 1925,
II, p. 132. Borneo
- sukarandae** Heller, l. c. p. 133. Sumatra
- tricolor** Heller, Mem. Soc. Ent. Ital. III, 1924, p. 187. Mindanao
- Vethi** Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 133. Sumatra

41

Curculio (L.) Latr.

Latr. Considér. gén. 1810, p. 221, 430. — Pierce, Proc. U. S. Nat. Mus. LI, 1917, p. 464; Proc. Ent. Soc. Washington XXI, 1919, p. 24; XXVII, 1925, p. 113. — Chittenden, Ent. Amer. VII, 1926, p. 129. — Schklg. Wien. Ent. Zeit. XLVI, 1929, p. 79.

Balaninus Germar, Mag. Ent. II, 1917, p. 340; IV, 1821, p. 291. — Samouelle, Ent. useful Comp. 1819, p. 202. — Schönh. Disp. meth. Curc. 1826, p. 238; Gen. Spec. Curc. III, 1836, p. 373; VII, 2, 1843, p. 276. — Latr. Règne anim. V, 1829, p. 84. — Steph. Ill. Brit. Ent. Mandib. IV, 1831, p. 68; Man. Brit. Col. 1839, p. 231. — Percheron in Guér. Dict. Hist. Nat. I, 1834, p. 362. — Zenker, Naturgesch. schädli. Thiere 1836, p. 323. — Cast. Hist. Nat. Ins. Col. II, 1840, p. 343. — Blanch. Hist. Nat. Ins. II, 1845, p. 109, 122. — Redt. Gatt. deutsch. Käferfn. 1845, p. 41; Fn. Austr. 1849, p. 41, 404; ed. 2, 1858, p. CXXII, 770; ed. 3, 1874, I, p. CXXXVI, II, p. 306. — Bach, Käferfn. II, 1854, p. 157, 310. — Bose-Gutfl. Käf. Deutschl. 1859, p. 452, 521. — C. G. Thoms. Skand. Col. I, 1859, p. 137; VII, 1865, p. 223; X, 1868, p. 193. — Lacord. Gen. Col. VI, 1863, p. 574. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 331, 411; (5) II, 1872, p. 413; Frelon II, 1892—1893 (1892), p. 102, 121; (1893), p. 155. — G. Horn, Proc. Amer. Philos. Soc. XIII, 1873, p. 457 (N. Amerika). — Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 155. — Provancher, Pet. Fn. Canada I, 1877, p. 525. — Blanch. Bull. Brooklyn Ent. Soc. VII, 1884, p. 106 (N. Amerika). — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 187; (1887), p. 350. — C. Schklg. Deutsche Käferwelt 1885, p. 228, 272. — Fowler, Col. Brit. Isl. V, 1891, p. 382. — Seidl. Fn. Balt. ed. 2, 1887—1891 (1891), Gatt. p. 168, Arten p. 638; Fn. Transsylv. 1888—1891 (1891), Gatt. p. 168, Arten p. 710. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 326, 328. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 253; Verh. Nat. Ver. Brünn LI, 1912 (1913) (Best.-Tab. 68), p. 73; Fn. Germ. V, 1916, p. 188. — Acloque, Fn. France, Col. 1896, p. 380, 386. — Casey, Ann. N. York Acad. IX, 1897, p. 655. — Lameere, Man. Fn. Belge II, 1900, p. 498, 499. — Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 371 (Afrika). — Everts, Col. Neerland. II, 1903, p. 558, 702. — Champ. Biol. Centr.-Amer. Col. IV, 4, 1903, p. 280. — Lea, Trans. Roy. Soc. S. Austral. XXVIII, 1904, p. 132 (Australien). — Mshl. Proc. Zool. Soc. Lond. 1906, p. 948 (S. Afrika); 1919, p. 365 (Borneo); Ann. Mag. Nat. Hist. (9) XI, 1923, p. 550 (S. Afrika). — Chittenden, Proc. Ent. Soc. Washington

- X, 1908, p. 20; Yearb. Dep. Agr. 1904, p. 299—310, 3 Taf., 10 Fig.; Circ. 99 U. S. Dep. Agr. Bur. Ent. 1908, p. 15, 14 Fig. — Kuhnt, Ill. Best.-Tab. Käf. Deutschl. 1912, p. 920, 1003. — Wagner in Calwer-Schaufuss, Käferbuch, ed. 6, 1907—16 (1915), p. 1144, 1146. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 261, 263. — Hansen, Danmarks Fauna, Snudebiller 1918, p. 226. — Lutz, Field Book Ins. ed. 2, 1921, p. 400 (N. Amerika). — Escherich, Forstins. Mitteleur. II, 1, 1923, p. 336, fig. 168 k, p. 340. — Heller, Mem. Soc. Ent. Ital. III, 1924, p. 141; Stett. Ent. Zeit. LXXXVI, 1925, II, p. 90; LXXXVIII, 1927, p. 179. — Essig, Ins. Western N. America 1926, p. 500. — Nüsslin-Rhumbler, Forstinsektenkunde, ed. 4, 1927, p. 227, 252. — Kôno, Ins. Matsum. V, 1930, p. 9 (Japan).
- Balanobius* Jekel, Journ. Ent. I, 1861, p. 265, 267. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 343; Frelon II, 1892—93 (1892), p. 102, 118; (1893), p. 155. — Redt. Fn. Austr. ed. 3, 1874, II, p. 306. — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1883), p. 187; (1887), p. 352. — Seidl. Fn. Balt. ed. 2, 1887—1891 (1891), Arten p. 638; Fn. Transsylv. 1888—91 (1891), Arten p. 710. — Bolkay, Rovart. Lapok XVI, 1909, p. 20.
- Nedysus* Steph. (pars) Ill. Brit. Ent. Mand. IV, 1831, p. 3, 27.
- Biologie: Chapuis & Candèze, Mém. Soc. Sc. Liège (n. s.) VIII, 1853, p. 557; Cat. Larv. Col. 1853, p. 217. — Perris, Ann. Soc. Linn. Lyon (n. s.) XXIII, 1876 (1877), p. 215, 240; Larves Col. 1876, p. 400. — Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 15; XVIII, 1886, p. 304. — Judeich, Forstins. II, 1, 1889, p. 398. — Hamilton, Canad. Ent. XXII, 1890, p. 1. — Chittenden, Bull. 44 U. S. Dep. Agr. Bur. Ent. 1904, p. 24, fig. 5—11; Yearb. U. S. Dep. Agr. 1904, p. 1904, p. 299, fig. 17—26; Circ. 99 U. S. Dep. Agr. 1908, 15 p., 14 Fig. — Coupon, Naturaliste XXXII, 1905, p. 209. — Davis, Canad. Ent. XXXIX, 1907, p. 16. — Bourgeois, Mitteil. Nat. Ges. Colmar (n. s.) IX, 1907—1908 (1908), p. 179 nota, 181 nota; Cat. Col. Vosges VI, 1908, p. 493 nota, 495 nota. — Carpentier, Bull. Soc. Ent. Fr. 1908, p. 262. — Kleine, Ent. Blätt. VI, 1910, p. 282. — Kuhnt, Ill. Best.-Tab. Käf. Deutschl. 1912, p. 1125, fig. 310 B. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 267.

Paläarktische Arten.

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| aino Kôno, Ins. Matsum. V, 1930, p. 10, 15. | Kurilen,
Japan |
| alboscuteallatus Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 159. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 181. — Kôno, Ins. Matsum. V, 1930, p. 10, 13. | Japan,
Formosa,
Kiautschou |
| albovittatus Kôno, Ins. Matsum. V, 1930, p. 11, 18. | Sachalin |
| amurensis Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 180. | Amur |
| antennatus Kôno, Ins. Matsum. V, 1930, p. 11, 18. | Japan |
| Arakawai Matsum. & Kôno, Ins. Matsum. III, 1927—28 (1928), p. 171, t. 6, f. 3; V, 1930, p. 9, 11. — Matsum. 6000 illustr. Ins. 1931, p. 277, fig. | „ |
| bidens Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 182. | China: |
| bimaculatus Faust, Horae Soc. Ent. Ross. XXI, 1887, p. 38. | Szetschuan
Peking |

- camelliae** Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 157. — Kôno, Ins. Matsum. V, 1930, p. 9, 12.
Biologie: Whitney, Forester and Agric. XXIV, 1, 1927, p. 20, 145.
- cerasorum** Payk. (nec F.) Monogr. Curc. Suec. 1792, p. 22 (*Curculio*); Fn. Suec. III, 1800, p. 206.
— Hbst. Natursyst. Ins. Käf. VI, 1795, p. 196, t. 73, f. 9. — Panz. Ent. Germ. 1795, p. 317; Fn. Ins. Germ. IV, 1797, t. 22. — Marsh. Ent. Brit. I, 1802, p. 284. — Gyll. Ins. Suec. I, 3, 1813, p. 204 (*Rhynchaenus*); in Schönh. Gen. Spec. Curc. III, 1836, p. 384 (*Balaninus*); VII, 2, 1843, p. 279. — Zenker, Naturgesch. schädli. Thiere 1836, p. 324. — Cast. Hist. Nat. Ins. Col. II, 1840, t. 22, f. 4. — Redt. Fn. Austr. 1849, p. 405; ed. 2, 1858, p. 772; ed. 3, 1874, II, p. 307. — Bach, Käferfn. II, 1854, p. 311. — Bose-Gutfl. Käf. Deutschl. 1859, p. 521. — C. G. Thoms. Skand. Col. VII, 1865, p. 226; X, 1868, p. 193. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 331, 358; Frelon II, 1892—1893 (1892), p. 105, 121; (1893), p. 155. — Rye, Ent. Annual 1869, p. 48; Ent. Monthly Mag. V, 1868—69 (1869), p. 218. — Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 162. — C. Schklg. Deutsche Käferwelt 1885, p. 275. — Seidl. Fn. Balt. ed. 2, 1887—91 (1891), Arten p. 639; Fn. Transsylv. 1888—91 (1891), p. 711. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 329. — Lameere, Man. Fn. Belg. II, 1900, p. 498, 499. — Smirnov, Ann. Mus. Zool. Petersb. XVII, 1913, p. 328. — Hansen, Danmarks Fauna, Snudebiller 1918, p. 227, 229. — Kôno, Ins. Matsum. V, 1930, p. 10, 16.
- betulae** Steph. III. Brit. Ent. Mand. IV, 1831, p. 70, t. 20, f. 4; Man. Brit. Col. 1839, p. 232. — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 189, (1887), p. 352. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 255. — Acloque, Fn. France, Col. 1896, p. 386. — Everts, Col. Neerland. II, 1903, p. 702.
- Herbsti** Gemm. Col. Hefte VIII, 1871, p. 123; in Gemm. & Harold, Cat. Col. VIII, 1871, p. 2496. — Bedel, l. c. p. 189, 352.
- Biologie: Godard, Ann. Soc. Ent. Fr. (2) VIII, 1850, Bull. p. LV. — Chapuis & Candèze, Mém. Soc. S. Liège VIII, 1853, p. 558; Larves Col. 1853, p. 218. — Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 16; XVIII, 1886, p. 394. — Brauns, Ent. Nachr. XVII, 1891, p. 108. — Kleine, Ent. Blätt. VI, 1910, p. 282. — Escherich, Forstins. Mitteleur. II, 1, 1923, p. 423. — Nüsslin-Rhumbler, Forstinsektenkunde, ed. 4, 1927, p. 252. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 267.
- Chevolati** Faust, Stett. Ent. Zeit. LIV, 1893, p. 146.
interruptus Chevr. (nec Kirsch 1875)
Compt. rend. Soc. Ent. Belg. 1878, p. XXXII.
- chibi** Kôno, Ins. Matsum. V, 1930, p. 11, 17.

Japan

Europa,
Algerien,
Japan

Hongkong

Japan

- chinensis** Chevr. Compt. rend. Soc. Ent. Belg. 1878, p. XXXI. Shanghai
- tenuesparsus** Fairm. Ann. Soc. Ent. Fr. LXVIII, 1899, p. 635. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 285.
- conjugal** Faust, Deutsche Ent. Zeitschr. XXVI, 1882, p. 278; Wien. Ent. Zeit. XIV, 1895, p. 253. — Heller, l. c. p. 211, nota 1. Amur
- convexus** Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 161. — Kôno, Ins. Matsum. V, 1930, p. 10, 14. Japan
- crux** F. Gen. Ins. 1776, p. 225 (*Curculio*); Spec. Ins. I, 1781, p. 170; Mant. Ins. I, 1787, p. 102; Ent. Syst. I, 2, 1792, p. 412; Syst. El. II, 1801, p. 455 (*Rhynchaenus*). — Herbst in Füessly, Arch. Ins.-Gesch. IV—V, 1784—85, p. 70, t. 24, f. (*Curculio*); Natursyst. Ins. Käf. VI, 1795, p. 199, t. 73, f. 11. — Vill. Ent. Car. Linn. I, 1789, p. 188; IV, 1789, p. 267, t. 1, f. 20. — Gmel. in L. Syst. Nat. ed. 13, I, 4, 1790, p. 1749. — Brahm, Ins.-Kal. I 1790, p. 55. — Ol. Encycl. méth. V, 1790, p. 486; Ent. V, 1807, p. 154, t. 29, f. 440. — Panz. Ent. Germ. 1795, p. 306. — Latr. Hist. Nat. Crust. Ins. XI, 1804, p. 145. — Germar, Mag. Ent. IV, 1821, p. 296 (*Balaninus*). — Steph. III. Brit. Ent. Mand. IV, 1831, p. 73 (*Nedys*); Man. Brit. Col. 1839, p. 233. — Schönh. Gen. Spec. Curc. III, 1836, p. 389. — Falderm. Fn. Ent. Transcauc. III (Nouv. Mém. Moscou VI), 1838, p. 203. — Fähr. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 288. — Redt. Fn. Austr. 1849, p. 405; ed. 2, 1858, p. 772; ed. 3, 1874, II, p. 308. — Bach, Käferfn. II, 1852—54 (1854), p. 312. — Bose-Gutfl. Käf. Deutschl. 1859, p. 521. — Kolen. Bull. Soc. Nat. Moscou XXXII, 1859, 1, p. 345. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 361; Frelon II, 1892—93 (1892), p. 102, (1893), p. 155. — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 189, (1887, p. 352 (*Balanobius*). — C. Schklg. Deutsche Käferwelt 1885, p. 275 (*Balaninus*). — Seidl. Fn. Balt. ed. 2, 1887—91 (1891), Arten p. 639 (*Balanobius*); Fn. Transsylv. 1888—91 (1891), Arten p. 712. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 330. — Acloque, Fn. France, Col. 1896, p. 386. — Lameere, Man. Fn. Belg. II, 1900, p. 498. — Everts, Col. Neerland. II, 1903, p. 702. — Bolkay, Rovart. Lapok XVI, 1909, p. 21, fig. 1, p. 22. — Hansen, Danmarks Fn. Snudebiller 1918, p. 227, 229.
- crucifer** Fuchs, Jahresber. Nat. Ges. Graubünden VII, 1860—61 (1862), p. 55; Berl. Ent. Zeitschr. VI, 1862, p. 424. — Marseul, Abeille VI, 1869, p. 155. — Redt. Fn. Austr. ed. 3, II, 1874, p. 308. — Seidl. Fn. Transsylv. 1888—1891 (1891), Arten p. 711.
- jota** Panz. Fn. Ins. Germ. XVIII, 1794, t. 16.
- minimus** Rey, Echange XI, 1895, p. 3.

- salicis* Panz. Fn. Ins. Germ. 18, 1794, nr. 15 (*Curculio*). — Sturm, Ins.-Cabinet III, 1792, nr. 12. — Steph. Ill. Brit. Ent. Mand. IV, 1831, p. 37 (*Nedyus*).
- Biologie: Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 17; XVIII, 1886, p. 394. — Kolbe, Zeitschr. Ent. (Breslau) XIX, 1894, p. 13. — Kleine, Ent. Blätt. VI, 1910, p. 283.
- var. *rhaeticus* Fuchs, Jahresber. Nat. Ges. Graubünden VII, 1860—61 (1862), p. 55; Berl. Ent. Zeitschr. VI, 1862, p. 423. — Redt. Fn. Austr. ed. 3, II, 1874, p. 308. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 362; Frelon I, 1891, p. 38; II, 1892, p. 155. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 330. Schweiz
- Davidi** Fairm. Ann. Soc. Ent. Fr. (5) VIII, 1878, p. 126 (*Davidis*). C. China
- dentipes** Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 156. — Faust, Deutsche Ent. Zeitschr. XXVI, 1882, p. 259, 279. — Desbr. Frelon II, 1892, p. 125, nota 1. — Lewis, Ann. Mag. Nat. Hist. (6) XVII, 1896, p. 341. — Matsumura, Thousand Ins. Japan IV, 1909, p. 10, t. 56, f. 19; Konchu Bunr. II, 1915, p. 96; Dain. Gaichu Zensho II, 1915, p. 198, t. 22, f. 1; 6000 illustr. Ins. 1931, p. 277, fig. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 211, nota 1. Japan, Sibirien
- Hilgendorfi* Harold, Deutsche Ent. Zeitschr. XXII, 1878, p. 86. — Faust, Deutsche Ent. Ztschr. 1890, p. 262. — Lewis, Ann. Mag. Nat. Hist. (6) XVII, 1896, p. 341. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 277.
- Deyrollei** Tourn. Mittheil. Schweiz. Ent. Ges. IV, 1872—1877 (1873), p. 177; Abeille XVI, 1878, p. 7. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 255, nota. Türkei, Caucasus
- Dieckmanni** Faust, Deutsche Ent. Zeitschr. XXXI, 1887, p. 178. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 254. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 276. — Kôno, Ins. Matsum. V, 1930, p. 13. Amur, Japan
- distinguendus** Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 156. — Faust, Deutsche Ent. Zeitschr. XXVI, 1882, p. 257. — Heyden, Deutsche Ent. Zeitschr. XXVIII, 1884, p. 281; XXXI, 1887, p. 178. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 254. — Kôno, Ins. Matsum. V, 1930, p. 10, 12. — Matsum. 6000 illustr. Ins. 1931, p. 278, fig. Amur, Japan
- elephas** Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 378; VII, 2, 1843, p. 278. — Steph. Man. Brit. Col. 1839, p. 231. — Redt. Fn. Austr. 1849, p. 404; ed. 2, 1858, p. 771; ed. 3, 1874, II, p. 307. — Bach, Käferfn. II, 1852—54 (1854), p. 310. — Bose-Gutfl. Käf. Deutschl. 1859, p. 521. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 331, 344; Frelon II, 1892—93 (1892), p. 104, 122, (1893), p. 156. — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 189, (1887), p. 350. — Seidl. Fn. Balt. ed. 2, Deutschland, Oesterreich, Frankreich, Südeuropa

1887—91 (1891), Arten p. 638; Fn. Transsylv. 1888—91 (1891), Arten p. 711. — Stierl. Fn. Col. Helv. II, 1886—98 (1898), p. 329. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 253. — Aclouque, Fn. France, Col. 1896, p. 386. — Everts, Col. Neerland. II, 1903, p. 702. — Noel, Naturaliste XXX, 1908, p. 264. — Escherich, Forstins. Mitteleur. II, 1, 1923, p. 340.

gulosus F. Ent. Syst. I, 2, 1792, p. 441 (*Curculio*); Syst. El. II, 1801, p. 487 (*Rhynchaenus*). — Hbst. Natursyst. Ins. Käf. VI, 1795, p. 200 (*Curculio*). — Latr. Hist. Nat. Crust. Ins. XI, 1804, p. 148. — Germar, Mag. Ent. IV, 1821, p. 294 (*Balaninus*). — Zenker, Naturgesch. schäd. Thiere 1836, p. 324.

mastodon Jekel, Journ. Ent. I, 1861, p. 268. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 346.

nucum var. Ol. Ent. V, 1807, p. 215, t. 5, f. 47.

propinquus Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 345; Frelon II, 1892—93 (1892), p. 122, (1893), p. 156.

Biologie: Bigot, Ann. Soc. Ent. Fr. (5) IV, 1874, Bull. p. CXXIII. — Perris, Ann. Soc. Linn. Lyon (n. s.) XXIII, 1877, p. 207; Larves Col. 1877, p. 369. — Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 17; XVIII, 1886, p. 394. — Fabre, Souv. ent. VII, 1900, p. 99. — Noel, Naturaliste XXX, 1908, p. 264. — Kleine, Ent. Blätt. VI, 1910, p. 281. — Savastano, Boll. R. Staz. Sperim. Agr. 1915, 16 p. — Chiari, Riv. Agric. (Parma) XXVI, 1920, p. 631. — Escherich, Forstins. Mitteleur. II, 1, 1923, p. 423. — Nüsslin-Rhumbler, Forstinsektenkunde, ed. 4, 1927, p. 227. — Feytaud, Rev. Zool. Agr. XXVI, 1927, p. 10, 33. — Petri, Boll. R. Staz. Pat. veget. VII, 1927, p. 388. — Menicacci, Boll. R. Staz. Pat. veget. VIII, 1928, p. 417. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 267. — Colizza, Boll. Labor. Zool. Portici XXII, 1929, p. 244, 8 Fig.

flavescens Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 160. — Kôno, Ins. Matsum. V, 1930, p. 10, 14. Japan, Korea

flavoscutellatus Roelofs, l. c. p. 160. — Kôno, l. c. p. 10, 14. Japan

funebis Roelofs, l. c. p. 159. — Faust, Deutsche Ent. Zeitschr. XXVI, 1882, p. 278. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 92, 93. — Kôno, Ins. Matsum. V, 1930, p. 10, 14. "

clavatus Faust, Deutsche Ent. Zeitschr. XXVI, 1882, p. 273 (*Balanobius*). — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 275, 277, 278.

glandium Marsh. Ent. Brit. I, 1802, p. 284 (*Curculio*). — Steph. Ill. Brit. Ent. Mand. IV, 1831, p. 69 (*Balaninus*); Man. Brit. Col. 1839, p. 232. — Bach, Käferfn. 1852—54 (1854), p. 311. — Jacq. du Val, Gen. Col. d'Eur. IV, 1854, p. 45, Europa, Korfu, Caucasus

- t. 20, f. 94. — Bose-Gutfl. Käf. Deutschl. 1859, p. 521. — Kolen. Bull. Soc. Nat. Moscou XXXII, 1859, 1, p. 344. — C. Schklg. Deutsche Käferwelt 1885, p. 274. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 329. — Acloque, Fn. France, Col. 1896, p. 386, fig. 115 Bg. — Escherich, Forstins. Mitteleur. II, 1, 1923, p. 340. — Nüsslin-Rhumbler, Forstinsektenkunde, ed. 4, 1927, p. 237.
- hispanus* Stierl. Mittheil. Schweiz. Ent. Ges. VIII, 1888—93 (1888), p. 19, (1890), p. 246. — Desbr. Frelon I, 1891, p. 38; II, 1892—93 (1892), p. 126 (*hispanicus*). — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 255 nota.
- nucum* Germar (nec L.), Mag. Ent. IV, 1821, p. 294.
- tessellatus* Fourcr. Ent. Paris. 1785, p. 129 (*Curculio*). — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 354 (*Balaninus*); Frelon II, 1892—93 (1892), p. 105, 126, (1893), p. 156.
- turbatus* Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 383; VII, 2, 1843, p. 279. — Steph. Man. Brit. Col. 1839, p. 232. — Hochh. Bull. Soc. Nat. Moscou XX, 1847, p. 546. — Redt. Fn. Austr. 1849, p. 404; ed. 2, 1858, p. 771; ed. 3, 1874, II, p. 307. — Bach, Käferfn. 1852—1854 (1854), p. 311. — Bose-Gutfl. Käf. Deutschl. 1859, p. 521. — Kolen. Bull. Soc. Nat. Moscou XXXII, 1859, p. 345. — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 189, (1887), p. 351. — C. Schklg. Deutsche Käferwelt 1885, p. 274. — Seidl. Fn. Balt. ed. 2, 1887—91 (1891), Arten p. 639; Fn. Transsylv. 1888—91 (1891), Arten p. 711. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 354; Frelon II, 1892—93 (1892), p. 126, (1893), p. 156. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 329. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 255. — Rey, Echange XI, 1895, p. 3. — Lameere, Man. Fn. Belg. II, 1900, p. 498. — Everts, Col. Neerland. II, 1903, p. 703.
- Morphologie:** Leisewitz, Chitin. Fortbewegungsorgane Ins. 1906, p. 114.
- Biologie:** Ratzeburg, Forstins. I, 1837, p. 123, t. 5, f. 5. — Chapuis & Candèze, Cat. Larves Col. 1853, p. 218. — Lucas, Ann. Soc. Ent. Fr. (5) VIII, 1878, Bull. p. XXI. — Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 17, 20; XVIII, 1886, p. 394, 395. — Judeich, Forstins. I, 2, 1889, p. 399. — Xamheu, Ann. Soc. Linn. Lyon (n. s.) XLV, 1898 (1899), p. 15; Moeurs et Métam. VII, 1899, p. 55. — Sajo, III. Zeitschr. Ent. IV, 1899, p. 24. — Kleine, Ent. Blätt. VI, 1910, p. 281. — Ferrant, SchädI. Ins. Land- u. Forstwirtschaft. 1911, p. 122. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 3, III, 1912, p. 553. — Lengerken, Zeitschr. angew. Ent. VII, 1921, p. 461. — Escherich, Forstins. Mitteleur. II, 1, 1923, p. 422.

- Feinde: Fahringer, Zschr. wiss. Insektenbiol. XVII, 1922, p. 336, 378.
- var. *anatolicus* Pic, Echange XVII, 1902, p. 48. Anatolien
- var. *cinereus* Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 353; Frelon II, 1892—93 (1892), p. 125, (1893), p. 156. N. Europa
- ab. *filirostris* Rey, Echange XI, 1895, p. 3. S. Frankreich
- var. *montivagus* Reitt. Wien. Ent. Zeit. XIV, 1895, p. 255. Circassien
- Haroldi** Faust, Deutsche Ent. Zeitschr. 1890, p. 262. Peking
- Biologie: Chittenden, Proc. Ent. Soc. Wash. XXX, 1928, p. 69, 2 Fig.
- hima** Kôno, Ins. Matsum. V, 1930, p. 10, 15. Japan
- hsifanus** Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 183. China: Szetschuan
- Isawakii** Matsum. & Kôno, Ins. Matsum. II, 1927—28 (1928), p. 170, t. 6, f. 4; V, 1930, p. 9, 11. — Japan
- Matsum. 6000 illustr. Ins. 1931, p. 278, fig.
- koreanus** Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 181. — Kôno, Ins. Matsum. V, 1930, p. 10, 13. Wladiwostok, Japan
- alboscuteUatus* Faust (nec Roelofs), Deutsche Ent. Zeitschr. XXVI, 1882, p. 259.
- Kôno, Ins. Matsum. V, 1930, p. 13.
- leucaspis** Chevr. Ann. Soc. Ent. Belg. XXI, 1878, Compt. rend. p. XXXII. Hongkong
- longicollis** Faust, Horae Soc. Ent. Ross. XXIV, 1890, p. 473. China
- longipennis** Reitt. Wien. Ent. Zeit. XIV, 1895, p. 254. Griechenland
- macula-nigra** Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 158. — Kôno, Ins. Matsum. V, 1930, p. 10, 13. Japan
- minutissimus** nom. nov. "
- minus* Kôno (nec Rey 1895), Ins. Matsum. V, 1930, p. 11, 16.
- nobilis** Reitt. Deutsche Ent. Zeitschr. XXVIII, 1884, p. 96. — Desbr. Frelon II, 1892—93 (1892), p. 118, (1893), p. 155. Attika
- nucum** L. Syst. Nat. ed. 10, 1758, p. 383 (*Curculio*); ed. 12, I, 2, 1767, p. 613; Fn. Suec. ed. 2, 1761, p. 181. — Poda, Ins. Mus. Graec. 1761, p. 29, t. 1, f. 3. — Scop. Ent. Carn. 1763, p. 34. — De Geer, Mém. Hist. Ins. V, 1775, p. 205, t. 6, f. 14—16. — F. Syst. Ent. 1775, p. 141; Spec. Ins. I, 1781, p. 179; Mant. Ins. I, 1787, p. 108; Ent. Syst. I, 2, 1792, p. 440; Syst. El. II, 1801, p. 486 (*Rhynchaenus*). — Müller, Linn. Natursyst. V, 1, 1775, p. 232 (*Curculio*). — Fischer, Verz. Nat. Livland 1778, p. 134. — Schrank, Enum. Ins. Austr. 1781, p. 112; Fn. Boica I, 1798, p. 483. — Herbst in Borowsky, Naturg. Thierreichs VI, 1784, p. 112; Natursyst. Ins. VI, 1795, p. 197, t. 73, f. 10. — Fourc. Ent. Paris. I, 1785, p. 129. — Vill. Ent. Car. Linn. I, 1789, p. 196. — Brahm, Ins.-Kal. I, 1790, p. 218. — Gmel. in L. Syst. Nat. ed. Europa, Syrien, Algerien

13, I, 4, 1790, p. 1767. — Ol. Encycle méth. V, 1790, p. 516; Ent. V, 1807, p. 215, t. 5, f. 47 (*Rhynchaenus*). — Rossi, Fn. Etr. I, 1790, p. 123 (*Curculio*); ed. Hellwig I, 1795, p. 132. — Payk. Monogr. Curc. Suec. 1792, p. 21; Fn. Suec. III, 1800, p. 204. — Panz. Ent. Germ. 1795, p. 317; Fn. Ins. Germ. 42, 1797, nr. 21. — Cederhjelm, Fn. Ingr. 1798, p. 110. — Marsh. Ent. Brit. I, 1802, p. 283. — Walcken. Fn. Paris I, 1802, p. 241. — Bechst. Naturg. Forstins. I, 1804, p. 165. — Latr. Hist. Nat. Crust. Ins. XI, 1804, p. 148; Considér. gén. 1810, p. 430; in Cuvier. Règne anim. III, 1817, p. 327. — Gyll. Ins. Suec. I, 3, 1813, p. 201 (*Rhynchaenus*); in Schönh. Gen. Spec. Curc. III, 1836, p. 381 (*Balaninus*); VII, 2, 1843, p. 279. — Lamarck, Anim. sans vert. IV, 1817, p. 352. — Samouelle, Ent. useful Comp. 1819, p. 203, 379, t. 2, f. 20. — Germar, Ins. spec. nov. 1824, t. 2, f. 8. — Guér. Icon. règne anim. Ins. 1829—44, p. 146, t. 38, f. 4. — Steph. Ill. Brit. Ent. Mand. IV, 1831, p. 64; Man. Brit. Col. 1839, p. 232. — Zenker, Naturg. schäd. Thiere 1836, p. 324, t. 13, f. k, k 1—3. — Dahlb. Scand. Ins. 1837, p. 63. — Cast. Hist. Nat. Ins. Col. II, 1840, p. 343. — Redt. Fn. Austr. 1849, p. 404; ed. 2, 1858, p. 771; ed. 3, 1874, II, p. 307. — Bach, Käferfn. II, 1852—1854 (1854), p. 311. — Bose-Gutfl. Käf. Deutschl. 1859, p. 521. — C. G. Thoms. Skand. Col. I, 1859, p. 137; VII, 1865, p. 224; X, 1868, p. 193. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 356; Frelon II, 1892—93 (1892), p. 105, 126, (1893), p. 156. — Seidl. Fn. Balt. 1872, p. 432; ed. 2, 1887—91 (1891), Arten p. 639; Fn. Transsylv. 1888—91 (1891), Arten p. 711. — C. Schklg. Deutsche Käferwelt 1885, p. 274, t. 17, f. 20a. — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 189, (1887), p. 351. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 329. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 255. — Acloque, Fn. France, Col. 1896, p. 386. — Lameere, Man. Fn. Belg. II, 1900, p. 498. — Everts, Col. Neerland. II, 1903, p. 703, p. 540, fig. 116 III—IV; III, 1922, p. . . — Jacobson, Käf. Russl. 1905—16, t. 50, f. 19. — Ferrant, Schäd. Ins. Land- u. Forstwirtschaft. 1911, p. 121, fig. 67. — Kuhnt, Ill. Best.-Tab. Käf. Deutschl. 1912, p. 1002. — Wagner in Calwer-Schaufl. Käferb. 1907—16 (1915), p. 1145, t. 41, f. 19. — Houlbert, Col. Europe II, 1922, t. 5, f. 43. — Hansen, Danmarks Fauna, Snudebiller 1918, p. 227, fig. 114. — Escherich, Forstins. Mitteleur. I, 1923, p. 340, fig. 170 B. — Rhumbler, Forstinsektenkunde, ed. 4, 1927, p. 252, fig. 173. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, fig. 120.

Biologie: Roesel, Insecten-Belust. III, 1746, p. 383, t. 67, f. 1—6. — Swammerdam, Bibel

der Natur 1752, deutsche Ausg., p. 297; französ. Ausg. 1758, p. 516; Reimpr. der letzteren Echange XXX, 1914, nr. 355, hors texte p. 8. — De Geer, Mém. Hist. Ins. V, 1775, p. 206, t. 6, f. 14—16; Abh. Gesch. Ins. IV, 5, 1781, p. 343, t. 6, f. 14—16; Reimpr. Echange XXXI, 1915, nr. 369, hors texte p. 37. — Rossi, Fn. Etr. I, 1792, p. 123. — Hbst. Natursyst. Ins. Käf. VI, 1795, p. 198. — Goeze, Belehr. 1796, p. 317. — Latr. Hist. Nat. Crust. Ins. XI, 1804, p. 73. — Kirby, Introd. Ent. ed. 5, II, 1828, p. 271; Einführ. Ent. II, 1824, p. 310, t. 13, f. 3. — Bouché, Nat. Ins. 1834, p. 199. — Percheron in Guér. Dict. Hist. Nat. I, 1834, p. 362. — Ratzeb. Forstins. I, 1837, p. 123. — Loudon, Arboretum Brit. 1838, p. 2028. — Nördl. Stett. Ent. Zeit. IX, 1848, p. 232; Klein. Feinde Landwirthsch. 1855, p. 171, fig. — Altum, Natur u. Offenb. VIII, 1862, p. 97, fig. — Kaltenbach, Pflanzenfeinde 1874, p. 633. — Kittel, Correspondenzbl. zool.-min. Ver. Regensburg XXXV, 1881, p. 136. — C. Schklg. Deutsche Käferwelt 1885, p. 272, t. 17, f. 20b. — Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 18; XVIII, 1886, p. 395. — Ritzema Bos, Tierische Schäd. u. Nützl. 1891, p. 314, fig. 185. — Fabre, Souv. Ent. VII, 1900, p. 118. — Hess, Forstwirtsch. Zentralbl. 1904, p. 427. — Schütte, Ins.-Büchlein, 2. Aufl. 1909, p. 116, t. 27, f. 1a—b. — Kleine, Ent. Blätt. VI, 1910, p. 281. — Ferrant, Schäd. Ins. Land- u. Forstwirtsch. 1911, p. 121, fig. 67. — Pierre, Rev. scient. Bourbonnais XXVI, 1913, p. 3; XXVII, 1914, p. 15. — Rabaud, Compt. rend. Acad. Paris CLVI, 1913, p. 253; Rev. scient. Bourbonnais XXVI, 1913, p. 25; Feuille jeun. Natural. XLIII, 1913, p. 124. — Trägårdh, Sveriges Skogsinsekter 1914, p. 75. — Kvaratschelia, Garden-Library (Petrograd) 1914, nr. 8, p. 1—24. — Navarro, Bol. Agr. Técn. y Econ. (Madrid) VII, 1915, p. 554. — Hathaway, Gardener's Chronicle LXV, 1919, p. 253. — Escherich, Forstins. Mitteleur. II, 1, 1923, p. 422, fig. 203. — Berlese, Gli Insetti II, 1925, p. 512, 525, 544, fig. 535. — Nüsslin-Rhumbler, Forstinsektenkunde, ed. 4, 1927, p. 252, fig. 174. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 267. — Simirenko, Visn. Plodov. Vinogr. Gor. (Charkow) IV, 1, 1928, p. 17. — Nonell Comas, Divulg. Estac. Fitopat. Agr. (Barcelona) VII, 1928, p. 1.

Parasiten: Silvestri, Boll. Labor. Zool. Portici XVI, 1922, p. 245; XVII, 1923, p. 67, fig. 19—20 (*Pimpla nucum* Ratz.). — Fahringer, Zeitschr. wiss. Insektenbiol. XVII, 1922, p. 336, 378.

ab. *molitor* Roubal, Miscell. Ent. XXXI, 1928—1930 (1928), p. 54.

Tschecho-slowakei

- ochreateus** Fähr. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 288. — Fuchs, Berl. Ent. Zeitschr. VII, 1863, p. 234. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 363; Frelon II, 1892—93 (1892), p. 102, 119, (1893), p. 155. — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 189.
- rufosignatus** Fairm. Ann. Soc. Ent. Fr. (3) III, 1855, p. 318.
- Biologie:** Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 19; XVIII, 1886, p. 395. — Kleine, Ent. Blätt. VI, 1910, p. 283.
- pellitus** Boh. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 278. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 348; Frelon II, 1892—93 (1892), p. 104, 123, (1893), p. 156. — Bedel, Fn. Col. Bassin Seine VI, 1882—86 (1885), p. 189, (1887), p. 351. — Seidl. Fn. Balt. ed. 2, 1887—91 (1891), Arten p. 638; Fn. Transsylv. 1888—91 (1891), Arten p. 711. — Stierl. Fn. Col. Helv. II, 1886—1898 (1893), p. 329. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 253. — Acloque, Fn. France, Col. 1896, p. 386. — Lameere, Man. Fn. Belg. II, 1900, p. 498. — Everts, Col. Neerland. II, 1903, p. 702.
- Biologie:** Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 19; XVIII, 1886, p. 395. — Kleine, Ent. Blätt. VI, 1910, p. 282. — Savastano, Boll. R. Staz. Agr. Frutti XIX, 1915, p. 1—16. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 267.
- ab. sericeus** Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 349; Frelon II, 1892—93 (1892), p. 104, 124, (1893), p. 156. — Tourn. Mittheil. Schweiz. Ent. Ges. IV, 1872—77 (1873), p. 178. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 329. — Rey, Echange XI, 1895, p. 3.
- Biologie:** Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 20; XVIII, 1886, p. 395.
- pictus** Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 161. — Kôno, Ins. Matsum. V, 1930, p. 11, 17.
- Pylzovi** Smirnov, Annuaire Mus. Zool. Petersb. XVIII, 1913, p. 237.
- pyrrhoceras** Marsh. Ent. Brit. I, 1802, p. 228 (*Curculio*). — Germ. Mag. Ent. IV, 1821, p. 296 (*Balaninus*). — Gyll. Ins. Suec. I, 4, 1827, p. 589 (*Rhynchaenus*); in Schönh. Gen. Spec. Curc. III, 1836, p. 390 (*Balaninus*); VII, 2, 1843, p. 289. — Steph. III. Brit. Ent. Mand. IV, 1831, p. 296; Man. Brit. Col. 1839, p. 232. — C. R. Sahlb. Ins. Fenn. II, 1834—39 (1835), p. 90 (*Rhynchaenus*). — Redt. Fn. Austr. 1849, p. 405 (*Balaninus*); ed. 2, 1858, p. 772; ed. 3, II, 1874, p. 308. — Bach, Käferfn. II, 1852—1854 (1854), p. 312. — Bose-Gutfl. Käf. Deutschl. 1859, p. 521. — C. G. Thoms. Skand. Col. VII, 1865, p. 227; X, 1868, p. 193, 194. — Desbr. Ann. Soc. Ent. Fr. (4)
- S. Frankreich,
Spanien,
Algier,
Griechen-
land
- Mittel- und
Südeuropa,
Caucasus,
Syrien
- S. Frankreich,
Schweiz
- Japan,
Korea
- China
- Europa,
Syrien,
Algerien

- VIII, 1868, p. 366; Frelon II, 1892—93 (1892), p. 103, 120, (1893), p. 155. — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 190, (1886), p. 353. — Seidl. Fn. Balt. ed. 2, 1887—1891 (1891), Arten p. 639; Fn. Transsylv. 1888—91 (1891), Arten p. 712. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 330. — Acloque, Fn. France, Col. 1896, p. 386. — Lameere, Man. Fn. Belg. II, 1900, p. 499. — Everts, Col. Neerland. II, 1903, p. 702. — Bolkay, Rovart. Lapok XVI, 1909, p. 21, fig. 3, p. 22. — Hansen, Danmarks Fauna, Snudebiller 1918, p. 227, 230.
- brunneus* Marsh. Ent. Brit. I, 1802, p. 248 (*Curculio*). — Steph. III. Brit. Ent. Mand. IV, 1831, p. 72 (*Balaninus*); Man. Brit. Col. 1839, p. 232. — Schönh. Gen. Spec. Curc. III, 1836, p. 390; VII, 2, 1843, p. 289. — Desbr. Frelon II, 1892—93, p. 120.
- curvatus* Marsh. Ent. Brit. I, 1802, p. 247 (*Curculio*). — Steph. III. Brit. Ent. Mand. IV, 1831, p. 71 (*Balaninus*).
- salicivorus* var. b Gyll. Ins. Suec. I, 3, 1813, p. 206 (*Rhynchaenus*).
- Biologie: Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 19; XVIII, 1886, p. 395. — Kleine, Ent. Blätt. VI, 1910, p. 283.
- quercivorus* Kôno, Ins. Matsum. II, 1927—28 (1928), p. 172, t. 6, f. 20; V, 1930, p. 9, 11. — Matsum. 6000 illustr. Ins. 1931, p. 278, fig.
- Reichei** Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 350; Frelon II, 1892—93 (1892), p. 104, 123, (1893), p. 156. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 254. — Smirnow, Rev. Russe XVI, 1916, p. 16.
- robustus* Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 155. — Kôno, Ins. Matsum. V, 1930, p. 9, 11.
- transversalis* Faust, Deutsche Ent. Zeitschr. 1890, p. 261. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 184, nota 1.
- Biologie: Walsh, Pract. Entom. II, 1866—67 (1867), p. 81.
- Roelofsi** Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 275, 283. — Kôno, Ins. Matsum. V, 1930, p. 11, 17.
- crucifer* Roelofs (nec Fuchs 1862), Ann. Soc. Ent. Belg. XVII, 1874, p. 162.
- cruciatus* Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 283 (erratum).
- rubidus** Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 384; VII, 2, 1843, p. 20. — Bach, Käferfn. II, 1852—54 (1854), p. 311. — Redt. Fn. Austr. ed. 2, 1858, p. 771; ed. 3, 1874, II, p. 307. — Bose-Gutfl. Käf. Deutschl. 1859, p. 521. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 360; Frelon II, 1892—93 (1892), p. 105, 122, (1893), p. 155. — Rye, Ent. Monthly Mag. 1868—1869 (1869), p. 218. — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 189, (1887), p. 152. — Seidl. Fn. Balt. ed. 2, 1887—91

Japan

S. Europa,
Türkei,
Krim,
LevanteJapan,
China

Japan

Mittel- und
Südeuropa

(1891), Arten p. 639; Fn. Transsylv. 1888—91 (1891), Arten p. 711. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 330. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 255. — Acloque, Fn. France, Col. 1896, p. 386. — Everts, Col. Neerland. II, 1903, p. 702. — Smirnov, Ann. Mus. Zool. Petersb. XVIII, 1913, p. 238.
 Biologie: Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 20; XVIII, 1886, p. 395. — Kleine, Ent. Blätt. VI, 1910, p. 282.
ab. rubricollis Westhoff, Käf. Westfal. II, 1882, p. 215.

Sakaguchii Kôno, Ins. Matsum. II, 1927—28 (1928), p. 173, t. 6, f. 6; V, 1930, p. 13. — Matsum. 6000 illustr. Ins. 1931, p. 278, fig. (*Sagakuchii*).

Japan

salicivorus Payk. Mon. Curc. Suec. 1792, p. 31 (*Curculio*); Fn. Suec. III, 1800, p. 214. — Hbst. Natursyst. Ins. Käf. VI, 1795, p. 200, t. 73, f. 12. — Gyll. Ins. Suec. I, 3, 1813, p. 206 (*Rhynchaenus*). — Zetterst. Fn. Ins. Lapp. I, 1828, p. 310; Ins. Lapp. I, 1838, p. 176. — Steph. III. Brit. Ent. Mand. IV, 1831, p. 71 (*Balaninus*). — C. R. Sahlb. Ins. Fenn. II, 1835, p. 89 (*Rhynchaenus*). — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 190, (1887), p. 352 (*Balanobius*). — Desbr. Frelon II, 1892—93 (1892), p. 103, 119, (1893), p. 155 (*Balaninus*). — Acloque, Fn. France, Col. 1896, p. 386. — Everts, Col. Neerland. II, 1903, p. 702. — Bolkay, Rovart. Lapok XVI, 1909, p. 21, fig. 2, p. 22. — Hansen, Danmarks Fauna, Snudebiller 1918, p. 227, 230. — Kôno, Ins. Matsum. II, 1927—28 (1928), p. 173; V, 1930, p. 11, 18.

Europa,
Sibirien,
Sachalin

arcuatus Marsh. Ent. Brit. I, 1802, p. 288 (*Curculio*).

brassicae F. Ent. Syst. I, 2, 1792, p. 437 (*Curculio*); Syst. El. II, 1801, p. 483 (*Rhynchaenus*). — Hbst. Natursyst. Ins. Käf. VI, 1795, p. 469 (*Curculio*). — Panz. Ent. Germ. 1795, p. 314. — Latr. Hist. Nat. Crust. Ins. XI, 1804, p. 145. — Germ. Mag. Ent. IV, 1821, p. 296 (*Balaninus*). — Steph. III. Brit. Ent. Mand. IV, 1831, p. 71; Man. Brit. Col. 1839, p. 232. — Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 387; VII, 2, 1843, p. 289. — Redt. Fn. Austr. 1849, p. 405; ed. 2, 1858, p. 772; ed. 3, II, 1874, p. 308. — Bach, Käferfn. II, 1852—54 (1854), p. 312. — Bose-Gutfl. Käf. Deutschl. 1859, p. 521. — Kolen. Bull. Soc. Nat. Moscou XXXII, 1859, 1, p. 346. — C. G. Thoms. Skand. Col. VII, 1865, p. 226; X, 1868, p. 193, 194. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 364; Frelon II, 1892—93, p. 120. — C. Schklg. Deutsche Käferwelt 1885, p. 275. — Seidl. Fn. Balt. ed. 2, 1887—1891 (1891), Arten p. 639; Fn. Transsylv. 1888—91 (1891), Arten p. 712. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 330. — La-meere, Man. Fn. Belg. II, 1900, p. 499.

- cinerascens* Gmel. in L. Syst. Nat. ed. 13, I, 4, 1790, p. 1773 (*Curculio*).
- clavatus* Marsh. Ent. Brit. I, 1802, p. 285 (*Curculio*). — Steph. Ill. Brit. Ent. Mand. IV, 1831, p. 76 (*Balaninus*).
- intermedius* Marsh. Ent. Brit. I, 1802, p. 288 (*Curculio*). — Steph. Ill. Brit. Ent. Mand. IV, 1831, p. 72 (*Balaninus*); Man. Brit. Col. 1839, p. 232.
- macropus* Ol. Ent. V, 1807, p. 231, t. 34, f. 526 (*Rhynchaenus*).
- napobrassicae* Bjerkind. Vet.-Akad. Handl. 1780, p. 195 (*Curculio*).
- scutellaris* Steph. Ill. Brit. Ent. Mand. IV, 1831, p. 72; Man. Brit. Col. 1839, p. 232.
- Biologie: Bouché, Nat. Ins. 1834, p. 199. — Westw. Gard. Mag. 1851, III, p. 273. — Focillon, Rev. Zool. (2) IV, 1852, p. 123. — Chapuis & Candèze, Cat. Larves Col. 1853, p. 218. — A. Müller, Ent. Monthly Mag. VI, 1869—70 (1869), p. 137; IX, 1872—73 (1873), p. 192. — Cameron, Scottish Nat. II, 1873, p. 117. — Kaltenbach, Pflanzenfeinde 1874, p. 29, 564. — Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 15; XVIII, 1886, p. 394. — Kleine, Ent. Blätt. VI, 1910, p. 283.
- var. *pedemontanus* Fuchs, Jahresber. Nat. Ges. Graubünden VII, 1860—61 (1862), p. 55; Berl. Ent. Zeitschr. VI, 1862, p. 423. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 467.
- scutellaris** Chevr. Ann. Soc. Ent. Belg. XXI, 1878, Compt. rend. p. XXXII. Shanghai
- shigizo** Kôno, Ins. Matsum. II, 1927—28 (1928), p. 171, t. 6, f. 19; V, 1930, p. 9, 11. — Matsum. 6000 illustr. Ins. 1931, p. 278, fig. Japan
- styracis** Roelofs, Ann. Soc. Ent. Belg. XVII, 1874, p. 157. — Kôno, Ins. Matsum. V, 1930, p. 10, 13. "
- syriacus** Desbr. Ann. Soc. Ent. Fr. (5) V, 1875, Bull. p. CLXXXVII; Frelon II, 1892—93 (1892), p. 103, 121, (1893), p. 155. Syrien
- Takabayashii** Kôno, Ins. Matsum. II, 1927—28 (1928), p. 172, t. 6, f. 5. Japan
- troglodytes** Jekel, Journ. Ent. I, 1861, p. 268. — Kiesw. Berl. Ent. Zeitschr. VIII, 1864, p. 277. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 331; Frelon II, 1892—93 (1892), p. 103, 120, (1893), p. 155. — Heyden, Wien. Ent. Zeit. XXVII, 1908, p. 47. Griechenland, Anatolien
- ussuriensis** Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 181. Ussuri
- venosus** Grav. Vergl. Zool. Syst. 1807, p. 204 (*Rhynchaenus*). — Germar, Mag. Ent. IV, 1821, p. 294 (*Balaninus*). — Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 381; VII, 2, 1843, p. 279. — Redt. Fn. Austr. 1849, p. 404; ed. 2, 1858, p. 771; ed. 3, II, 1874, p. 307. — C. G. Thoms. Skand. Col. VII, 1865, p. 225; X, 1868, p. 193. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 352; Frelon II, 1892—93 (1892), p. 105, 125, (1893), p. 156. — Bedel, Europa, Caucasus

Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 189, (1887), p. 351. — Seidl. Fn. Balt. ed. 2, 1887—91 (1891), Arten p. 638; Fn. Transsylv. 1888—91 (1891), Arten p. 711. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 253. — Rey, Echange XI, 1895, p. 3. — Acloque, Fn. France, Col. 1896, p. 386. — Lameere, Man. Fn. Belg. II, 1900, p. 498, 499. — Everts, Col. Neerland. II, 1903, p. 702. — Jacobson, Käf. Russl. 1905—1916, t. 50, f. 20. — Hansen, Danmarks Fauna, Snudebiller 1918, p. 227.

glandium Desbr. (nec Marsh.) Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 331; Frelon II, 1892—93, p. 125.

nubifer Stev. Mus. Mosq. II, 1829, p. 98.

Morphologie: Kempers, Tijdschr. Ent. XLV, 1902, p. 64 (Flügel).

Biologie: Kleine, Ent. Blätt. VI, 1910, p. 282. — Savastano, Boll. R. Staz. Agr. Frutti XIX, 1915, p. 1—16. — Chiari, Riv. Agr. Parma XXVI, 1920, p. 631. — Lengerken, Zeitschr. angew. Ent. VII, 1921, p. 461. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 267, fig. 121.

villosus F. Spec. Ins. I, 1781, p. 178 (*Curculio*); Mant. Ins. I, 1787, p. 108; Ent. Syst. I, 2, 1792, p. 438; Syst. El. I, 1802, p. 484 (*Rhynchaenus*). — Hbst. in Füessly, Arch. Ins.-Gesch. IV—V, 1784—85, p. 76, t. 24, f. 19 (*Curculio*); Natursyst. Ins. Käf. VI, 1795, p. 195. — Vill. Ent. Car. Linn. I, 1789, p. 200; IV, 1789, p. 273. — Ol. Encycl. méth. V, 1790, p. 514; Ent. V, 1807, p. 229, t. 34, f. 525 (*Rhynchaenus*). — Panz. Ent. Germ. 1795, p. 315; Fn. Ins. Germ. 42, 1797, nr. 22. — Payk. Fn. Suec. III, 1800, p. 205. — Latr. Hist. Nat. Crust. Ins. XI, 1804, p. 145. — Ill. Mag. Ins. IV, 1805, p. 147 (*Rhynchaenus*). — Gyll. Ins. Suec. I, 3, 1813, p. 203; I, 4, 1827, p. 589; in Schönh. Gen. Spec. Curc. III, 1836, p. 385; VII, 2, 1843, p. 280 (*Balaninus*). — Germar, Mag. Ent. IV, 1821, p. 295. — Steph. Ill. Brit. Ent. Mand. IV, 1831, p. 69; Man. Brit. Col. 1839, p. 232. — Redt. Fn. Austr. 1849, p. 405; ed. 2, 1858, p. 772; ed. 3, II, 1874, p. 307. — Bose-Gutfl. Käf. Deutschl. 1859, p. 521. — C. G. Thoms. Skand. Col. VII, 1865, p. 225; X, 1868, p. 193, 194. — Desbr. Ann. Soc. Ent. Fr. (4) VIII, 1868, p. 357; Frelon II, 1892—93 (1892), p. 103, 121, (1893), p. 155. — C. Schklg. Deutsche Käferwelt 1885, p. 275. — Bedel, Fn. Col. Bassin Seine VI, 1882—88 (1885), p. 188, (1887), p. 351. — Seidl. Fn. Balt. ed. 2, 1887—91 (1891), Arten p. 639; Fn. Transsylv. 1888—91 (1891), Arten p. 711. — Stierl. Fn. Col. Helv. II, 1886—98 (1893), p. 328. — Reitt. Wien. Ent. Zeit. XIV, 1895, p. 254. — Acloque, Fn. France, Col. 1896, p. 386. — Lameere, Man. Fn. Belg. II, 1900, p. 498, 499. — Everts, Col. Neerland. II, 1903, p. 702. — Hansen, Danmarks Fauna, Snudebiller

Europa

- 1918, p. 227, 228. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 181.
- cerasorum* F. (nec Payk.) Syst. Ent. 1775, p. 142 (*Curculio*); Spec. Ins. I, 1781, p. 180; Mant. Ins. I, 1787, p. 109; Ent. Syst. I, 2, 1792, p. 442; Syst. El. II, 1801, p. 488 (*Rhynchaenus*). — Vill. Ent. Car. Linn. I, 1789, p. 200 (*Curculio*); IV, 1789, p. 274. — Gmel. in L. Syst. Nat. ed. 13, I, 4, 1790, p. 1767. — Ol. Encycl. méth. V, 1790, p. 517; Ent. V, 1807, p. 224, t. 4, f. 35 (*Rhynchaenus*).
- cordifer* Geoffr. in Fourcr. Ent. Paris. I, 1785, p. 132 (*Curculio*).
- esuriens* F. Ent. Syst. I, 2, 1792, p. 441 (*Curculio*); Syst. El. II, 1801, p. 487 (*Rhynchaenus*). — Hbst. Natursyst. Ins. Käf. VI, 1795, p. 201 (*Curculio*). — Clairv. Ent. Helv. I, 1790, p. 102, t. 11, f. 3—4.
- tenuirostris* F. Ent. Syst. I, 2, 1792, p. 443 (*Curculio*). — Donovan, Nat. Hist. Brit. Ins. VII, 1798, t. 249, f. 3. — Steph. Ill. Brit. Ent. Mand. IV, 1831, p. 70 (*Balaninus*).
- Biologie: Ratzeburg, Forstins. Nachtr. 1839, p. 32. — Goureau, Ann. Soc. Ent. Fr. (3) IV, 1856, Bull. p. CIV; Ins. nuis. Forêts 1867, p. 202. — Heyden in Scriba, 12. Ber. Oberhess. Ges. Natur- u. Heilk. 1867, p. 16. — Bargagli, Bull. Soc. Ent. Ital. XVII, 1885, p. 16. — Brauns, Ent. Nachr. XVII, 1891, p. 108. — Kleine, Ent. Blätt. VI, 1910, p. 282. — Escherich, Forstins. Mitteleur. I, 2, 1923, p. 423. — Nüsslin-Rhumbler, Forstinsektenkunde, ed. 4, 1927, p. 252. — Daviault, Bull. Soc. Ent. Fr. 1928, p. 91, 10 Fig.
- Parasiten: Fahringer, Zeitschr. wiss. Insektenbiol. XVII, 1922, p. 336, 378.

Indoaustralische Arten.

- | | |
|---|--------------|
| acutidens Heller, Mem. Soc. Ent. Ital. III, 1924, p. 193, 198, tab. f. 14; Stett. Ent. Zeit. LXXXVIII, 1927, p. 247. | Luzon |
| admonens Heller, l. c. p. 200. | S.O. Sumatra |
| aequalis Lea, Trans. Roy. Soc. S. Austral. XXVIII, 1904, p. 132, 133. | Queensland |
| alboater Walk. Ann. Mag. Nat. Hist. (3) III, 1859, p. 264 (<i>Apotomorrhinus</i>). — Lacord. Gen. Col. VII, 2, 1868, p. 227, nota 2. — Mshl. Ann. Mag. Nat. Hist. (10) VI, 1930, p. 576 (<i>Balaninus</i>). | Bengalen |
| albopictus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 232, 245. | Luzon |
| alpestris Heller, l. c. p. 184. | Himalaya |
| amoenus F. Syst. Ent. 1775, p. 142 (<i>Curculio</i>); Spec. Ins. I, 1781, p. 180; Mant. Ins. I, 1787, p. 109; Ent. Syst. I, 2, 1792, p. 442; Syst. El. II, 1801, p. 489 (<i>Rhynchaenus</i>). — Gmel. in L. Syst. Nat. ed. 13, I, 4, 1790, p. 1767 (<i>Curculio</i>). — Ol. Encycl. méth. V, 1790, p. 517; Ent. V, 1807, p. 225, t. 12, f. 143 (<i>Rhynchaenus</i>). — Hbst. | Australien |

- Natursyst. Ins. Käf. VI, 1795, p. 206, t. 74, f. 6 (*Curculio*). — Schönh. Gen. Spec. Curc. III, 1836, p. 387 (*Balaninus*); VII, 2, 1843, p. 281. — Boisd. Voy. Astrolabe II, 1835, p. 455. — Lea, Trans. Roy. Soc. S. Austral. XXVIII, 1904, p. 132. — Tillyard, Ins. Austral. and N. Zealand 1926, p. 245.
- Biologie: Tillyard, l. c. p. 245.
- analis** Mshl. Proc. Zool. Soc. London 1919, p. 368, 387, t. 2, f. 9. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 246. Sarawak
- subsp. *bicaudatus* Heller, l. c. p. 232, 246, t. 1, f. 3. Luzon
- analogus** Heller, l. c. p. 214. S.O. Borneo
- apiculatus** Heller, l. c. p. 201. Sumatra
- appendiculatus** Lea, Mém. Soc. Ent. Belg. XVIII, 1911, p. 104. Queensland
- ascendens** Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 248. Luzon
- ab. *postscutellaris* Heller, l. c. p. 248, 249. „
- basilaris** Heller, l. c. p. 227. „
- basithorax** Motsch. Bull. Soc. Nat. Moscou XXXIX, 1866, 1, p. 432. Java
- bellus** Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 262. Mysol
- biappendiculatus** Heller, Mem. Soc. Ent. Ital. III, 1924, p. 188, 198, tab. f. 3. Mindanao
- bicolor** Faust, Stett. Ent. Zeit. LVI, 1895, p. 14. Luzon
- bicruciat** Motsch. Bull. Soc. Nat. Moscou XXXIX, 1866, 1, p. 431. N. Australien
- bidentatus** Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 207. Java
- bifasciatus** Motsch. Bull. Soc. Nat. Moscou XXXIX, 1866, 1, p. 431. Birma
- bifasciolatus** Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 208. Java
- Bomfordi** Faust, Stett. Ent. Zeit. LII, 1891, p. 286. Calcutta
- breviscapus** Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 193. Formosa
- c-album** F. Ent. Syst. Suppl. 1798, p. 170 (*Curculio*); Syst. El. II, 1801, p. 488 (*Rhynchaenus*). — Ol. Ent. V, 1807, p. 226, t. 23, f. 329. — Schönh. Gen. Spec. Curc. III, 1836, p. 386 (*Balaninus*); VII, 2, 1843, p. 280. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 268. Ceylon, Bengalen
- melaleucus* Wiedem. in Germar, Mag. Ent. IV, 1821, p. 166 (*Rhynchaenus*); in Schönh. Gen. Spec. Curc. III, 1836, p. 386.
- Biologie: Fletcher, Sc. Rep. Agr. Research Inst. Pusa 1917—18, p. 84.
- subsp. *confluens* Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 268, nota 1, p. 287, nota 1. Calcutta
- calcarifer** Heller, Mem. Soc. Ent. Ital. III, 1924, p. 189, 198, tab. f. 5. Mindanao
- subsp. *palembangus* Heller, l. c. p. 190, 198, tab. f. 6, 11. Sumatra
- capillatus** Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 194. Formosa
- celebesus** Heller, l. c. p. 212, t. 1, f. 15. O. Celebes
- cerberus** Heller, Ent. Mitteil. XIV, 1925, p. 284. Neuguinea

cinnamomeus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 227.	Luzon
commodus Mshl. Proc. Zool. Soc. London 1919, p. 368, 390.	Sarawak
Confucius Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 190, t. 1, f. 13.	China: Fo-Kien
consocius Mshl. Proc. Zool. Soc. London 1919, p. 368, 384.	Sarawak
coturnix Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 260.	Mindanao
cruciatus Heller, l. c. p. 254.	Mindanao, Luzon
cuneipennis Pasc. Ann. Mag. Nat. Hist. (5) XII, 1883, p. 92.	Tondano
dajakus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 215, t. 2, f. 27.	Borneo
decemnotatus Mshl. Proc. Zool. Soc. London 1919, p. 368, 385, t. 2, f. 1.	Sarawak
deceptor Mshl. l. c. p. 368, 389, t. 2, f. 3. subsp. <i>panthaicus</i> Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 188.	Yunnan
delicatulus Lea, Trans. Roy. Soc. S. Austral. XXVIII, 1904, p. 132, 134.	N.W. Australia
discreticoxis Mshl. Proc. Zool. Soc. London 1919, p. 369, 396, t. 2, f. 7. — Heller, Mem. Soc. Ent. Ital. III, 1924, p. 190.	Sarawak
distichus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 209.	Java
duodecimpunctatus Heller, Mem. Soc. Ent. Ital. III, 1924, p. 193, 198, tab. f. 12; Stett. Ent. Zeit. LXXXVIII, 1927, p. 247.	Mindanao
elongatipes Heller, l. c. p. 197, 199, tab. f. 10; l. c. p. 233, 246.	Samar
epimeralis Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 263.	Neuguinea
erythropus Heller, l. c. p. 234, 246.	Luzon
Eugeniae Mshl. Proc. Zool. Soc. London 1919, p. 369, 393.	Sarawak
falsarius Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 228.	Luzon
flavoarcuatus Desbr. Ann. Soc. Ent. Belg. XXXV, 1891, Compt. rend. p. CCCLII, nota 3. — Faust, Ann. Mus. Genova XXXIV, 1894, p. 234.	Java, Kurseong, Birma
flavodorsalis Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 263.	Brit. Neu- guinea
flexitibia Heller, l. c. p. 215.	Borneo
fulvirostris Heller, l. c. p. 186.	Sikkim
funestus Heller, l. c. p. 216.	N. Borneo
fuscovarius Heller, l. c. p. 210.	Java
fusifer Heller, l. c. p. 229.	Luzon
galbula Pasc. Ann. Mag. Nat. Hist. (5) XII, 1883, p. 92.	Dorey
geniculatus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 195.	Formosa
glaucus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 229.	Luzon
gryphorrhynchus Heller, l. c. p. 235, 246.	Mindanao
grypus Mshl. Proc. Zool. Soc. London 1919, p. 369, 390; t. 2, f. 12.	Sarawak

heterofunicularis Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 217.	Sarawak
hinnuleus Heller, l. c. p. 183.	Vorderindien
ignobilis Heller, l. c. p. 187.	Sikkim
imitator Mshl. Proc. Zool. Soc. London 1919, p. 368, 388.	Sarawak
imperialis Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 218, t. 1, f. 6.	Banguey
insulanus Heller, l. c. p. 198, t. 1, f. 12.	Pulo Penang, Perak, Sumatra
interruptus Kirsch, Mittheil. Zool. Mus. Dresden I, 1875, p. 40 (sep. p. 16). — Faust, Ann. Mus. Genova XXXIV, 1894, p. 234. — Heller, Mem. Soc. Ent. Ital. III, 1924, p. 196, 199, tab. f. 7; Stett. Ent. Zeit. LXXXVIII, 1927, p. 246.	Malacca, Birma, Borneo
subsp. <i>hybridus</i> Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 246.	Mindanao
ab. <i>integer</i> Heller, l. c. p. 246.	Malacca, Singapore, Borneo
subsp. <i>manoba</i> Heller, l. c. p. 246.	Sibuyan
intricatus Lea, Trans. Roy. Soc. S. Austral. XXVIII, 1904, p. 122, 133.	Sydney
ischnoclavatus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 236, 247.	Philippinen
jucundus Heller, l. c. p. 201, t. 2, f. 26.	Sumatra
kiangsuicus Heller, l. c. p. 191.	Shanghai
kinabaluanus Heller, l. c. p. 218.	N. Borneo
lacertosus Heller, l. c. p. 202, t. 2, f. 18.	Sumatra
lateristrigosus Heller, Mem. Soc. Ent. Ital. III, 1924, p. 195, 199.	Luzon
laudabilis Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 256.	„
lepidus Faust, Deutsche Ent. Zeitschr. 1898, p. 301.	Vorderindien
leptoclavatus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 236, 246, t. 1, f. 4.	Philippinen
lineolatus Motsch. Bull. Soc. Nat. Moscou XXXIX, 1866, 1, p. 431.	Ceylon
longiclavus Mshl. Proc. Zool. Soc. London 1919, p. 369, 394, t. 2, f. 4.	Sarawak
luctuosus Pasc. Ann. Mag. Nat. Hist. (5) XII, 1883, p. 91. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, t. 1, f. 5.	Dorey, Halmahera
ludificans Heller, l. c. p. 237.	Philippinen
lugubris Motsch. Bull. Soc. Nat. Moscou XXXIX, 1866, 1, p. 430.	Ceylon
macer Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 219.	Borneo
macrophthalmus Heller, l. c. p. 253.	Luzon
Marshalli Heller, Ent. Mitteil. X, 1921, p. 197; Mem. Soc. Ent. Ital. III, 1924, p. 190.	Borneo
<i>delicatulus</i> Mshl. (nec Lea 1904) Proc. Zool. Soc. London 1919, p. 369, 392, t. 2, f. 13.	Sarawak
Mastersi Pasc. Ann. Mag. Nat. Hist. (4) IX, 1872, p. 139. — Lea, Trans. Roy. Soc. S. Austral. XXVIII, 1904, p. 132.	Queensland
meleagris Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 195.	Formosa
minusculus Heller, l. c. p. 237, 247, t. 3, f. 28.	Luzon
minutus Heller, l. c. p. 238.	„

misellus Heller, l. c. p. 187.	Sikkim
missionis Heller, l. c. p. 220, t. 2, f. 30.	S.O. Borneo
moestus Mshl. Proc. Zool. Soc. London 1919, p. 368, 381.	Sarawak
momunganus Heller, Mem. Soc. Ent. Ital. III, 1924, p. 195, 199, tab. f. 4, 9.	Mindanao
montanus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 239, 245, t. 1, f. 14.	Luzon
Motschulskyi Heller, l. c. p. 280. <i>tessellatus</i> Motsch. (nec Fourcr. 1785) Bull. Soc. Nat. Moscou XXXIX, 1866, 1, p. 431.	Ceylon
negrosensis Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 240, 245.	Negros
nigricollis Mshl. Ann. Mag. Nat. Hist. (9) XII, 1923, p. 291, t. 8, f. 4.	Birma
nigrocinereus Mshl. Proc. Zool. Soc. London 1919, p. 367, 378, t. 1, f. 5.	Sarawak
nigrofasciatus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 248, 252.	Luzon
nigromaculatus Kôno, Ins. Matsum. V, 1930, p. 19.	Formosa
nigromarginalis Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 257.	Mindanao
nigrovarius Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 247, 249.	Luzon
nivatus Heller, l. c. p. 264.	Neuguinea, Neupommern
niveopictus Lea, Trans. Roy. Soc. S. Austral. XXXIII, 1909, p. 181.	Queensland
nivosus Faust, Stett. Ent. Zeit. LIII, 1832, p. 205.	Neuguinea
nobilior Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 221.	Borneo, Sumatra, Banguey
novempunctatus Heller, Mem. Soc. Ent. Ital. III, 1924, p. 192, 198, tab. f. 13; Stett. Ent. Zeit. LXXXVIII, 1927, p. 247.	Mindoro
obsoletus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 221.	N. Borneo
ochrosuturafis Heller, Mem. Soc. Ent. Ital. III, 1924, p. 192, 198.	Samar, Mindanao
octopunctatus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 203.	Sumatra, Singapore
ornaticollis Heller, l. c. p. 257.	Luzon
orobistus Heller, Ent. Mitteil. XXV, 1929, p. 45. <i>montivagus</i> Heller (nec Reitt. 1895), Mem. Soc. Ent. Ital. III, 1924, p. 240, 247.	"
perakanus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 199.	Perak
perdix Heller, l. c. p. 259.	Mindanao
permutatus Heller, l. c. p. 222.	Borneo, Sumatra, Brunei, Siam
pertinax Faust, Stett. Ent. Zeit. LVI, 1895, p. 13. — Heller, l. c. p. 245, t. 5, f. 2.	Luzon
phenax Heller, l. c. p. 248, 250.	Mindanao
pluto Faust, Stett. Ent. Zeit. LIII, 1892, p. 206.	Neuguinea
plutonium Heller, Ent. Mitteil. XIV, 1925, p. 284.	"
praeteritus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 223.	Borneo

productus Pasc. Ann. Mag. Nat. Hist. (5) XII, 1883, p. 93.	Siam
pseudogrypus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 224.	Borneo, O. Sumatra
pusio Mshl. Proc. Zool. Soc. London 1919, p. 369, 391, t. 2, f. 14.	Sarawak
quadriguttatus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 265, t. 2, f. 19.	Neuguinea
quaesitus Heller, l. c. p. 207.	Java
quincunx Mshl. Proc. Zool. Soc. London 1919, p. 368, 386, t. 2, f. 11.	Sarawak
radiatus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 241, 245.	Philippinen
ranaus Heller, l. c. p. 204, t. 2, f. 23.	S.O. Sumatra
Reitteri Heller, l. c. p. 196.	Formosa
rhombus Heller, l. c. p. 205.	S.O. Sumatra
rubiginosus Heller, l. c. p. 224.	Borneo
rubripes Faust, Deutsche Ent. Zeitschr. 1898, p. 300.	Vorderindien
rufimanus Motsch. Bull. Soc. Nat. Moscou XXXIX, 1866, 1, p. 431.	Ceylon
rufipes Faust, Deutsche Ent. Zeitschr. 1898, p. 300. <i>rubripes</i> Seidl. (nec Faust 1898) Ber. wiss. Leist. Ent. 1898 (1900), p. 296 (err.).	Vorderindien
Sauteri Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 196.	Formosa
scolopaceus Heller, Mem. Soc. Ent. Ital. III, 1924, p. 197, 199.	Mindanao
sellatus Mshl. Proc. Zool. Soc. London 1919, p. 369, 395, t. 2, f. 16.	Sarawak
semicirculifer Heller, Mem. Soc. Ent. Ital. III, 1924, p. 194, 199; Stett. Ent. Zeit. LXXXVIII, 1927, p. 246.	Mindanao, Luzon
semilunifer Heller, l. c. p. 196, 199, tab. f. 8; l. c. p. 246.	Luzon
septemguttatus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 242, 247, t. 2, f. 31.	"
sexpunctatus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 213, t. 2, f. 25.	Celebes
Shelfordi Mshl. Proc. Zool. Soc. London 1919, p. 369, 390, t. 2, f. 15.	Sarawak
sibuyanus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 247, 250.	Sibuyan
sikkimensis Heller, l. c. p. 185.	Sikkim
simillimus Heller, l. c. p. 266.	D. Neuguinea
simus Faust, Deutsche Ent. Zeitschr. 1898, p. 300. <i>simius</i> Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 181, 197, 284. subsp. <i>spretus</i> Heller, l. c. p. 197. — Kôno, Ins. Matsum. V, 1930, p. 21.	Vorderindien
solitarius Heller, l. c. p. 225, t. 2, f. 21.	Formosa, Kiautschou, Fokien
solivagus Heller, l. c. p. 242, 247, t. 2, f. 20.	S.O. Borneo
stigma Heller, l. c. p. 226.	Luzon
stramineoplagiatus Heller, Ent. Mitteil. XIV, 1925, p. 286.	Borneo
subfuscusignatus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 268.	Neuguinea
submaculatus Lea, Trans. Roy. Soc. S. Austral. XXVIII, 1904, p. 132, 134.	Queensland
	N. S. Wales

subpartitus Mshl. Proc. Zool. Soc. London 1919, p. 368, 380, t. 2, f. 6.	Sarawak
taclobanus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 247, 251.	Leyte, Luzon
ternatensis Heller, l. c. p. 267.	Ternate
tersus Pasc. Ann. Mus. Genova (2) II, 1885, p. 235. — Heller, l. c. p. 265.	Neuguinea
tonkinensis Heller, l. c. p. 191.	Tonkin
trinotatus Mshl. Proc. Zool. Soc. London 1919, p. 368, 383, t. 2, f. 8.	Sarawak
basalis Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 273.	
tumidirostris Mshl. l. c. p. 368, 382, t. 2, f. 10.	"
unifasciatus Mshl. l. c. p. 368, 384, t. 2, f. 5.	"
vagifascia Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 211.	W. Java
valens Heller, l. c. p. 231.	Luzon
varians Heller, l. c. p. 355.	"
variegatipes Heller, l. c. p. 192.	Tonkin
variesculptus Heller, l. c. p. 243, 246, t. 2, f. 17.	Luzon
venustus Heller, l. c. p. 254.	Samar
Vethianus Heller, l. c. p. 206.	Sumatra
Williamsi Heller, l. c. p. 244, 245.	Luzon
x-album Motsch. Bull. Soc. Nat. Moscou XXXIX, 1866, 1, p. 432.	Indien
Biologie: Fletcher, Ann. Rep. Board scient. adv. India (Calcutta) 1916, Econ. Zool. p. 1—15.	
x-pallidum Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 212.	Sumbawa
yünnanus Heller, l. c. p. 189.	Yunnan
zebra Heller, Mem. Soc. Ent. Ital. III, 1924, p. 190, 198.	Mindanao
subsp. <i>samaranus</i> Heller, l. c. p. 191, 198.	Samar

Subg. *Tropibalaninus* Heller.

Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 175, 260.	
validus Heller, l. c. p. 260.	Luzon
ab. <i>infirmus</i> Heller, l. c. p. 261.	"

Afrikanische Arten.

Aurivilliusi Mshl. Proc. Zool. Soc. London 1906, p. 945 (<i>Aurivillii</i>).	Mashonaland
Barkeri Mshl. l. c. p. 946, t. 67, f. 7.	Natal
brevirostris Pasc. Journ. Linn. Soc. London XIX, 1886, p. 331.	Congo
camerunus Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 270.	Kamerun
congoanus Hustache, Ann. Soc. Linn. Lyon (n. s.) LXXII, 1925, p. 17.	Franz. Congo
Conradti Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 269.	Kamerun
diversicornis Mshl. Proc. Zool. Soc. London 1906, p. 947, t. 67, f. 9.	Mashonaland
ficorum Mshl. l. c. p. 944, t. 67, f. 5.	"
interruptus Kirsch. Siehe malayische Arten!	
subsp. <i>madagassus</i> Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 271.	Madagascar

morogorus Heller, l. c. p. 270.

nubilifer Heller, l. c. p. 281; Ent. Mitteil. XXV, 1929, p. 45.

nubilifer Mshl. (nec Steven 1829) Proc. Zool. Soc. London 1906, p. 944.

sericans Fairm. Ann. Soc. Ent. Fr. LXXI, 1902, p. 371. — Hustache, Bull. Acad. Malgache (n. s.) VII, 1924, p. 277.

transvaalense Hesse, Trans. Roy. Soc. South Afr. XVI, 1928, p. 148.

valens Hesse, l. c. p. 149.

D. Ostafrika
Mashonaland

Madagascar

Transvaal

„

Amerikanische Arten.

albidus Chittenden, Ent. Amer. VII, 1926, p. 189.

auriger Casey, Canad. Ent. XLII, 1910, p. 117. — Chittenden, Ent. Amer. VII, 1926, p. 139, 148, t. 13, f. 3a—c.

acuminatus Casey, Canad. Ent. XLII, 1910, p. 119. — Chitt. l. c. p. 149, 150.

algonquinus Casey, l. c. p. 118. — Chitt. l. c. p. 149, 150. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 272, 273. — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 267, fig. 76 a—c.

macilentus Casey, l. c. p. 120. — Chitt. l. c. p. 149, 150. — Blatchley & Leng, l. c. p. 268.

mollis Casey, l. c. p. 118. — Chitt. p. 149.

peregrilis Casey, l. c. p. 120. — Chitt. p. 149, 150. — Blatchley & Leng, l. c. p. 268.

rectus Horn (nec Say), Proc. Amer. Philos. Soc. XIII, 1873, p. 459.

setosicornis Casey, l. c. p. 119. — Chitt. p. 149, 150. — Blatchley & Leng, l. c. p. 268.

strigosus Casey, l. c. p. 118. — Chitt. p. 149. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 273, 274.

Biologie: Leng, Proc. Staten Isl. V, 1916, p. 76. — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 267. — Chitt. Ent. Amer. VII, 1926, p. 150. — Brooks, Techn. Bull. 130 U. S. Dep. Agr. 1929, p. 10.

aurivestis Chitt. Ent. Amer. VII, 1926, p. 146, 185, 190, t. 19, f. 33.

baculi Chitt. Proc. Ent. Soc. Wash. X, 1908, p. 20, fig. 3, 3 a—b, e; Ent. Amer. VII, 1926, p. 143, 172, t. 18, f. 23 a—d (*Curculio*). — Casey, Canad. Ent. XLII, 1910, p. 127 (*Balaninus*). — Blatchley & Leng, Rhynchoph. N. East. America 1916, p. 269.

uniformis auct. (nec J. Lec.).

Biologie: Brooks, Rep. W. Virginia Exp. Stat. 1909—10, p. 182; Bull. 128 W. Virginia Exp. Stat. 1910, p. 172. — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 269. — Chitt. Ent. Amer. VII, 1926, p. 172.

Arizona
Canada bis
N. Carolina,
Ohio
Tennessee

Californien,
Oregon
U. S. America

var. *curtus* Chitt. Proc. Ent. Soc. Wash. X, 1908, p. 21; Ent. Amer. VII, 1926, p. 173, t. 18, f. 3 c (*Curculio*). — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 271 (*Balaninus*).

U. S. America

brevinasus Chitt. Ent. Amer. VII, 1926, p. 146, 185, 190.

Californien

caryae Horn, Proc. Amer. Philos. Soc. XIII, 1873, p. 460. — Blanch. Bull. Brooklyn Ent. Soc. VII, 1884, p. 107. — Hamilton, Canad. Ent. XXII, 1890, p. 4, 7, 8. — Patton, Ent. News VIII, 1897, p. 76. — Champ. Biol. Centr.-Amer. Col. IV, 4, 1903, p. 280. — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 265, fig. 75 a—c. — Gill, Farmers Bull. 843 U. S. Dep. Agr. Div. Ent. 1917, p. 13, fig. 13. — Lutz, Field Book Ins. ed. 2, 1921, p. 401. — Chitt. Ent. Amer. VII, 1926, p. 140, 152, t. 14, f. 9 a—c (*Curculio*). — Essig, Ins. Western N. America 1926, p. 500 (*Balaninus*).

Canada,
U. S. America

Biologie: Hamilton, Canad. Ent. XXII, 1890, p. 4, 7, 8. — Beutenmüller, Canad. Ent. XXII, 1890, p. 260. — Patton, Ent. News VIII, 1897, p. 76. — Chitt. Bull. 44 U. S. Dep. Agr. Div. Ent. 1904, p. 30, fig. 11; Ent. Amer. VII, 1926, p. 152. — Herrick, Bull. 86 Missouri Agr. Exp. Stat. 1904, p. 42, 24 Fig. — Worsham, Yearbook U. S. Dep. Agr. 1905, p. 636; 1906, p. 513; 1908, p. 579; Georgia Board Ent. Bull. 33, 1910, p. 121; Georgia Hort. Soc. Bull. 1910, p. 121. — Gossard, Bull. Florida Exp. Stat. 79, 1905, p. 308. — Newell & Smith, Bull. 52 U. S. Dep. Agr. Div. Ent. 1905, p. 70. — Chittenden, Nut Grow. Mar. 1906, p. 138; Circ. 99 U. S. Dep. Agr. Div. Ent. 1908, p. 12. — Barre & Conradi, Bull. 141 S. Carolina Agr. Exp. Stat. 1909, p. 45. — Brooks, Rep. W. Virginia Agr. Exp. Stat. 1909—10, p. 173; Bull. 128 W. Virginia Agr. Exp. Stat. 1910, p. 173. — Kitchunov, Obstbaum- u. Gemüse-Garten (Moskau) XXXI, 1915, p. 448. — O'Kane, Injurious Ins. 1916, p. 368. — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 266. — Gill, Farmers Bull. 843 U. S. Dep. Agr. Div. Ent. 1917, p. 13, fig. 12, 14, 15; Bull. 1364 U. S. Dep. Agr. Div. Ent. 1924, p. 11. — Del Curto, Texas Dep. Agr. Monthly News 1918, p. 1. — Turner, Bull. 49 Georgia Board Ent. 1918, p. 32. — Lea, Journ. Amer. Nut XI, 1919, p. 86. — Howard, Rep. U. S. Dep. Agr. Bur. Ent. 1919—20 (1920), p. 1; 1923—24 (1924), p. 1. — Stoll, Trans. Dep. Agr. Bull. 72, 1922, p. 129. — Woodard, Texas Dep. Agr. Bull. 73, 1922, p. 134; 77, 1924, p. 134; 81, 1925, p. 176; 95, 1929, p. 145. — Felt, Manual Tree Ins. 1924, p. 218. — Harned, Ann. Rep. 37 Mississippi Agr. Exp. Stat. 1923—24 (1925), p. 24. — Leiby, Bull. N. Carolina Dep. Agr. 1925, p. 38. — Anonymus, Proc. 6. Confer. W. Plant Quar. Board Denver 1925, p. 2. — Essig, Ins.

- Western N. America 1926, p. 500. — Chaffin, Mag. Amer. Fruit Grow. 47, 1927, p. 2, 8. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 268. — Baerg, Arkans. Pecan Grow. Assoc. Proc. 3, 1929, p. 20. — Swingle & Seal, Journ. Econ. Ent. XXIV, 1931, p. 177.
- cervulinus** Chitt. Ent. Amer. VII, 1926, p. 144, 174, t. 18, f. 26. Californien
- coccineae** Patton, North Amer. Ent. I, 1879—80, p. , fig.; Ent. News VIII, 1897, p. 76.
Biologie: Patton, Ent. News VIII, 1897, p. 76.
- confusor** Hamilton, Canad. Ent. XXV, 1893, p. 309, 310. — Casey, Ann. N. York Acad. IX, 1897, p. 656. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 270. — Chitt. Ent. Amer. VII, 1926, p. 143, 169, t. 17, f. 22, t. 18, f. 24 (*Curculio*). U. S. America
- iowensis** Casey, Canad. Ent. XLII, 1910, p. 122. — Chitt. l. c. p. 145, 180, t. 19, f. 30—31.
Biologie: Hamilton, Canad. Ent. XXV, 1893, p. 309. — Chitt. Bull. 44 U. S. Dep. Agr. Div. Ent. 1904, p. 31; Ent. Amer. VII, 1926, p. 170. — Brooks, Rep. W. Virginia Agr. Exp. Stat. 1909—10, p. 183; Bull. 128 W. Virginia Exp. Stat. 1910, p. 173. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 268.
- crassirostris** Chitt. Ent. Amer. VII, 1926, p. 146, 184. Arizona,
N. Mexico
- emarginatus** Chitt. l. c. p. 142, 165. N. Mexico
- exilis** Chitt. l. c. p. 145, 182. Canada
- funicularis** Chitt. l. c. p. 145, 179, t. 19, f. 29. Canada,
N. Mexico
- gracilis** Chitt. l. c. p. 141, 161. Arizona,
N. Mexico
- humeralis** Casey, Ann. N. York Acad. IX, 1897, p. 656, 657; Canad. Ent. XLII, 1910, p. 657. — Chitt. l. c. p. 147, 188 (*Curculio*). — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 269, 271 (*Balaninus*). Florida
- ibis** Chitt. l. c. p. 145, 181, Arizona
- longidens** Chitt. l. c. p. 140, 155, t. 14, f. 7—8. U. S. America
Biologie: Chitt. l. c. p. 156.
- longinasus** Chitt. l. c. p. 141, 158, t. 16, f. 14. Arizona
var. *mandibularis* Chitt. l. c. p. 158, t. 16, f. 15. „
- macrodon** Chitt. l. c. p. 140, 154, t. 14, f. 6. Texas
- microdon** Chitt. l. c. p. 144, 175, Texas,
N. Mexico
var. *rectitibialis* Chitt. l. c. p. 144. N. Mexico
- monticola** Casey, Ann. N. York Acad. IX, 1897, p. 657, 663. — Chitt. l. c. p. 146, 183, t. 19, f. 32 (*Curculio*). Colorado,
N. Mexico,
Texas
- timidus** Casey, Canad. Ent. XLII, 1910, p. 121, 122. — Chitt. l. c. p. 183 (*Curculio*).
- multifasciatus** Chitt. l. c. p. 141, 159, t. 16, f. 16. Wisconsin

- nanulus** Casey, Ann. N. York Acad. IX, 1897, p. 656, 658. — Chitt. l. c. p. 147, 186 (*Curculio*).
- sulcatulus** Casey, Journ. N. York Ent. Soc. V, 1897, p. 656, 661. — Chitt. l. c. p. 186 (*Curculio*).
- nasicus** Say, Descr. Curc. N. Amer. 1831, p. 162; ed. Leconte I, 1859, p. 279. — Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 377; VII, 2, 1843, p. 278. — Riley, Canad. Ent. III, 1871, p. 137; IV, 1872, p. 38. — Couper, Canad. Ent. IV, 1872, p. 178. — Horn, Proc. Amer. Philos. Soc. XIII, 1873, p. 460. — Provancher, Pet. Fn. Canada I, 1877, p. 526. — Blanch. Bull. Brooklyn Ent. Soc. VII, 1884, p. 107. — Hamilton, Canad. Ent. XXII, 1890, p. 4, 7, 8. — Patton, Ent. News VIII, 1897, p. 76. — Champ. Biol. Centr.-Amer. Col. IV, 4, 1903, p. 279. — Mc Clenahan, Psyche XI, 1904, t. 6, f. 1. — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 268, 269. — Chitt. Ent. Amer. VII, 1926, p. 139, 150 (*Curculio*). — Essig, Ins. Western N. America 1926, p. 500 (*Balaninus*).
- auctus** Casey, Canad. Ent. XLII, 1910, p. 124. — Chitt. Ent. Amer. VII, 1926, p. 152.
- nasutus** Say (nec F.), Descr. Curc. N. Amer. 1831, p. 16; ed. Leconte I, 1859, p. 279. — Horn, Proc. Amer. Philos. Soc. XIII, 1873, p. 460.
- nucum** F. V. Melsh. (nec L.) Cat. Ins. Pennsylvania I, 1806, p. 27 (*Curculio*).
- rostratus** Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 374; VII, 2, 1843, p. 278. — Horn, Proc. Amer. Philos. Soc. XIII, 1873, p. 460.
- sparsus** Gyll. l. c. III, 1836, p. 379; VII, 2, 1843, p. 279. — Horn, l. c. p. 460.
- Morphologie:** Mc Clenahan, Psyche XI, 1904, p. 89, t. 6—9.
- Biologie:** Harris, Ins. injur. veget. ed. 3, 1862, p. 74. — Glover, Rep. U. S. Comm. Agr. 1870—71, p. 65. — Webster, Our home and So. Gossip 1881, Sept. — Packard, 5. Rep. U. S. Comm. Agr. 1890, p. . — Hamilton, Canad. Ent. XXII, 1890, p. 4, 7, 8. — Beutenmüller, Canad. Ent. XXII, 1890, p. 260. — Townsend, Canad. Ent. XXV, 1893, p. 209. — Patton, Ent. News VIII, 1897, p. 76. — Felt, J. Rep. Forest, Fish and Game Comm. N. York 1903, p. 479, Taf.; Mem. N. York State Mus. VIII, 1906, p. 583. — Sanderson, Bull. 74 Texas Agr. Exp. Stat. 1904, 13 p., fig. — Chitt. Bull. 44 U. S. Dep. Agr. Div. Ent. 1904, p. 30; Ent. Amer. VII, 1926, p. 151. — McClenahan, Psyche XI, 1904, p. 91, 95, t. 6, f. 2. — Brooks, Rep. W. Virginia Agr. Exp. Stat. 1909—1910, p. 180; Bull. 128 W. Virginia Agr. Exp. Stat. 1910, p. 169. — Pierce, Bull. 100 U. S. Dep. Agr. Div. Ent. 1912, p. 80. — Essig, Ins. Western N. America 1926, p. 500. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 268.

N. Mexico,
Arizona

Canada,
U. S. Ame-
rica

numenius Chitt. Ent. Amer. VII, 1926, p. 145, 178, t. 19, f. 28.

obtus Harrington, Ann. Rep. 11 Ent. Soc. Ontario 1880 (1881), p. 55 (*nasicus*); l. c. 14, 1883 (1884), p. 50. — Blanch. Bull. Brooklyn Ent. Soc. VII, 1884, p. 107. — Hamilton, Canad. Ent. XXII, 1890, p. 6, 7, 8. — Casey, Ann. N. York Acad. IX, 1897, p. 657. — Patton, Ent. News VIII, 1897, p. 76. — Champ. Biol. Centr.-Amer. Col. IV, 4, 1903, p. 279. — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 269, 272, fig. 77 a—c. — Lutz, Field Book Ins. ed. 2, 1921, p. 401. — Chitt. Ent. Amer. VII, 1926, p. 144, 177, t. 13, f. 4 a—c (*Curculio*).

Biologie: Hamilton, Canad. Ent. XXII, 1890, p. 6, 7, 8. — Beutenmüller, Canad. Ent. XXII, 1890, p. 260. — Patton, Ent. News VIII, 1897, p. 76. — Chitt. Bull. 44 U. S. Dep. Agr. Div. Ent. 1904, p. 31; Circ. 99 U. S. Dep. Agr. Div. Ent. 1908, p. 15; Ent. Amer. VII, 1926, p. 178. — Brooks, Rep. W. Virginia Agr. Exp. Stat. 1909—10, p. 176; Bull. 128 W. Virginia Agr. Exp. Stat. 1910, p. 165. — Osborn, Agr. Ent. 1916, p. 198. — Felt, Manual Tree Ins. 1924, p. 218. — Wendell, Nature Mag. III, 1924, p. 371. — Hutchings, Ann. Rep. 57 Ontario Ent. Soc. 1926 (1927), p. 9, fig. 1—2. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 268.

orthorhynchus Chitt. Proc. Ent. Soc. Wash. X, 1908, p. 26; Ent. Amer. VII, 1926, p. 140, 157, t. 15, f. 19 (*Curculio*). — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 267 (*Balaninus*).

Biologie: Brooks, Rep. W. Virginia Agr. Exp. Stat. 1909—10, p. 181; Bull. 128 W. Virginia Agr. Exp. Stat. 1910, p. 171. — Chitt. Ent. Amer. VII, 1926, p. 157.

pardalis Chitt. Proc. Ent. Soc. Wash. X, 1908, p. 24, 25; Ent. Amer. VII, 1926, p. 142, 162, t. 13, f. 5 (*Curculio*). — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 268, 270 (*Balaninus*).

appalachius Casey, Canad. Ent. XLII, 1910, p. 125. — Chitt. Ent. Amer. VII, 1926, p. 162. — Blatchley & Leng, l. c. p. 273.

virginicus Casey, l. c. p. 123. — Chitt. l. c. p. 162. — Blatchley & Leng, l. c. p. 270.

Biologie: Brooks, Rep. W. Virginia Agr. Exp. Stat. 1909—10, p. 183; Bull. 128 W. Virginia Agr. Exp. Stat. 1910, p. 175. — Chitt. Ent. Amer. VII, 1926, p. 163.

pardus Chitt. l. c. p. 141, 160, t. 16, f. 17.

Biologie: Chitt. l. c. p. 160.

parvicollis Casey, Canad. Ent. XLII, 1910, p. 125. — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 273.

parvidens Chitt. Proc. Ent. Soc. Wash. X, 1908, p. 24; Ent. Amer. VII, 1926, p. 143, 171, t. 18, f. 25

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rica,
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(*Curculio*). — Blatchley & Leng, l. c. p. 272 (*Balaninus*).

Biologie: Chitt. Ent. Amer. VII, 1926, p. 172.

picus Boh. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 277.

Brasilien

porrectus Boh. l. c. p. 292. — Horn, Proc. Amer. Philos. Soc. XIII, 1873, p. 461 (Genus?). — J. Lec. Proc. Amer. Philos. Soc. XV, 1876, p. 322.

Missouri

proboscideus F. Syst. Ent. 1775, p. 142 (*Curculio*); Spec. Ins. I, 1781, p. 180; Mant. Ins. I, 1787, p. 108; Ent. Syst. I, 2, 1792, p. 440; Syst. El. II, 1801, p. 487 (*Rhynchaenus*). — Gmel. in L. Syst. Nat. ed. 13, I, 4, 1790, p. 1767 (*Curculio*). — Ol. Encycl. méth. V, 1790, p. 517; Ent. V, 1807, p. 217, t. 11, f. 127 (*Rhynchaenus*). — Hbst. Natursyst. Ins. Käf. VI, 1795, p. 208, t. 74, f. 8 (*Curculio*). — Germar, Mag. Ent. IV, 1821, p. 293 (*Balaninus*). — Say, Descr. Curc. N. America 1831, p. 162. — Horn, Trans. Amer. Ent. Soc. XIII, 1886, p. 140. — Hamilton, Canad. Ent. XXII, 1890, p. 3, 7, 8. — Blatchley & Leng, Rhynchoph. N. East America 1916, p. 264, fig. 73 a—c. — Lutz, Field Book Ins. ed. 2, 1921, p. 400, t. 86. — Chitt. Ent. Amer. VII, 1926, p. 139, 147, t. 13, f. 2 a—c (*Curculio*).

U. S. America

caryatrypes Boh. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 276. — Horn, Proc. Amer. Philos. Soc. XIII, 1873, p. 458. — Blanch. Bull. Brooklyn Ent. Soc. VII, 1884, p. 107. — Hamilton, Canad. Ent. XXII, 1890, p. 4, 7, 8. — Patton, Ent. News VIII, 1897, p. 76. — Chitt. Ent. Amer. VII, 1926, p. 147, 148 (*Curculio*).

cylindricollis Casey, Canad. Ent. XLII, 1910, p. 115. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 265. — Chitt. l. c. p. 147, 148.

hariolus Casey, l. c. p. 114. — Blatchley & Leng, l. c. p. 265. — Chitt. l. c. p. 147, 148.

Biologie: Packard, Ins. injur. Trees 1881, p. 93, f. 41; 5. Rep. U. S. Ent. Comm. 1890, p. . — Hamilton, Canad. Ent. XXII, 1890, p. 2, 4, 7, 8. — Beutenmüller, Canad. Ent. XXII, 1890, p. 260. — Howard, Sc. Amer. 28, I, 1893. — Lintner, Count. Gentl. 1894, p. 504. — McCarthy, Bull. 105 N. Carolina Agr. Exp. Stat. 1895, p. 284, 22 Fig. — Lintner, 12. Rep. injur. and other Ins. State N. York 1896; 50. Rep. N. York State Mus. 1898, p. 103, Tab. — Patton, Ent. News VIII, 1876, p. 76. — Lugger, Bull. 68 Minnesota Agr. Exp. Stat. 1899, p. 85, fig. — Powell, Amer. Gardening 1899, p. 444. — Chittenden, Bull. 44 U. S. Dep. Agr. Div. Ent. 1904, p. 24, 27, 29, 30, fig. 6—7; Circ. 99 U. S. Dep. Agr. Div. Ent. 1908, p. 3; Ent. Amer. VII, 1926, p. 148. — Brooks, Rep. W. Virginia Agr. Exp. Stat. 1904—05, p. 26; 1909—10, p. 169; Bull. W. Virginia Agr. Exp. Stat. 128, 1910, p. 157. — Rumsey & Brooks, Rep. W.

Virginia Agr. Exp. Stat. 1905—06, p. 23. — Fulton, Wright & Gregg, Bull. 110 Pennsylv. 1911, p. 23. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 264, fig. 74 a—d. — Maskew, Monthly Bull. Calif. State Comm. Hortie. (Sacramento) VIII, 1919, p. 32. — Felt, Manual Tree Ins. 1924, p. 217, 585. — Brooks, Rep. 15 Nut Grow. Assoc. 1924, p. 71. — Peirson, Bull. Maine For. Serv. V, 1927, p. 53. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 267. — Brooks, Techn. Bull. U. S. Dep. Agr. 130, 1929, p. 6.

q-griseae Chitt. Proc. Ent. Soc. Wash. X, 1908, p. 22; Chitt. Amer. VII, 1926, p. 143, 168, t. 16, f. 19 (*Curculio*). — Essig, Ins. Western N. America 1926, p. 501.

Arizona

proprius Casey, Canad. Ent. XLII, 1910, p. 121. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 273. — Chitt. Ent. Amer. VII, 1926, p. 168.

Biologie: Chitt. l. c. p. 169. — Essig, Ins. Western N. America 1926, p. 501.

rectus Say, Descr. Curc. N. Amer. 1831, p. 16; ed. Leconte I, 1859, p. 279. — Horn, Proc. Amer. Philos. Soc. XIII, 1873, p. 459. — Provancher, Pet. Fn. Canada I, 1877, p. 526. — Blanch. Bull. Brooklyn Ent. Soc. VII, 1884, p. 107. — Hamilton, Canad. Ent. XXII, 1890, p. 3, 7, 8. — Patton, Ent. News VIII, 1897, p. 76. — Casey, Canad. Ent. XLII, 1910, p. 114, 116, 117. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 266. — Lutz, Field Book Ins. ed. 2, 1921, p. 401. — Chittenden, Ent. Amer. VII, 1926, p. 140, 153, t. 15, f. 12 (*Curculio*). — Essig, Ins. Western N. America 1926, p. 500 (*Balaninus*).

Mittel- und
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rica

cuneatus Casey, Canad. Ent. XLII, 1910, p. 115. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 267. — Chitt. Ent. Amer. VII, 1926, p. 153 (*Curculio*).

quercus Horn, Proc. Amer. Philos. Soc. XIII, 1873, p. 458. — Blanch. Bull. Brooklyn Ent. Soc. VII, 1884, p. 107. — Hamilton, Canad. Ent. XXII, 1890, p. 3, 7, 8. — Patton, Ent. News VIII, 1897, p. 76. — Casey, Canad. Ent. XLII, 1910, p. 114. — Leng, Journ. N. York Ent. Soc. XXII, 1914, p. 332. — Chitt. Ent. Amer. VII, 1926, p. 150 (*Curculio*).

rectirostris Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 376; VII, 2, 1843, p. 278. — Horn, Trans. Amer. Philos. Soc. XIII, 1873, p. 459.

Sayi Gyll. l. c. p. 375; l. c. p. 278. — Horn, l. c. p. 459.

Teratologie: Park, Ent. News XXXIX, 1928, p. 219, fig.

Biologie: Glover, Rep. U. S. Comm. Agr. 1870—71, p. 65. — Packard, 19. Ann. Rep. Mass. Board Agr. 1872, p. 331, fig.; 2. Rep. injur. benef. Ins. Mass. 1872, p. 17, fig. 11; Amer.

Nat. VII, 1873, p. 241, fig. — Harrington, 11. Ann. Rep. Soc. Ontario 1880 (1881), p. 55; 14. Ann. Rep. Ent. Soc. Ontario 1883 (1884), p. 51. — Trans. N. York State Agr. Soc. XVI, p. 476. — Caulfield, 20. Ann. Rep. Ent. Soc. Ontario 1889 (1890), p. 65. — Hamilton, Canad. Ent. XXII, 1890, p. 3, 7, 8. — Beutenmüller, Canad. Ent. XXII, 1890, p. 260. — Chittenden, Ent. Amer. VI, 1890, p. 172; Bull. 44 U. S. Dep. Agr. Div. Ent. 1904, p. 24, 28, 29, 30, fig. 8; Circ. 99 U. S. Dep. Agr. Div. Ent. 1908, p. 4; Ent. Amer. VII, 1926, p. 154. — Townsend, Canad. Ent. XXV, 1893, p. 204. — Slingerland, Rural N. Yorker 1895, p. 665. — Lintner, 12. Rep. injur. and other Ins. State N. York 1896, p. 50; Rep. N. York State Mus. 1898, p. 103, tab. — Patton, Ent. News VIII, 1897, p. 76. — Brooks, Rep. W. Virginia Agr. Exp. Stat. 1904—05, p. 26; 1909—10, p. 171, 178; Bull. 128 W. Virginia Agr. Exp. Stat. 1910, p. 160, 168. — Rumsay & Brooks, Rep. W. Virginia Agr. Exp. Stat. 1905—06, p. 24. — Fulton, Wright & Gregg, Bull. 110 Pennsylv. Exp. Stat. 1911, p. 23. — Pomeroy, Journ. Amer. Nut. II, 1915, p. 56; Rural N. Yorker 74, 1915, p. 328. — Sober, Journ. Amer. Nut. II, 1915, p. 56. — Leng, Proc. Staten Isl. V, 1916, p. 76. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 266. — Felt, Manual Tree Ins. 1924, p. 217, 585. — Brooks, Rep. No. Nut Grow. Assoc. XV, 1924, p. 71. — Essig, Ins. Western N. America 1926, p. 500. — Peirson, Bull. Maine For. Serv. V, 1927, p. 53. — Park, Ent. News XXXIX, 1928, p. 219. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 267.

subsp. *sparsellus* Casey, Canad. Ent. XLII, 1910, p. 116. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 267.

New Jersey

ruficristatus Chitt. Ent. Amer. VII, 1926, p. 140, 156.

Texas

sanguinirostris F. Syst. El. II, 1801, p. 482 (*Rhynchaenus*). — Fähr. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 284 (*Balaninus*).

Südamerika

vacca Thunb. Nova Acta Upsal. VII, 1815, p. 115 (*Curculio*).

striatus Chitt. Ent. Amer. VII, 1926, p. 147, 187.

Texas

strictus Casey, Ann. N. York Acad. IX, 1897, p. 656, 660. — Chitt. l. c. p. 142, 166, t. 17, f. 21.

U. S. America

longipes Casey, l. c. p. 656, 661. — Chitt. l. c. p. 166, 168.

ordinatus Casey, Canad. Ent. XLII, 1910, p. 124. — Chitt. p. 166, 168. — Blatchley & Leng, Rhynchoph. N. Eastern America 1916, p. 273.

tubulatus Casey, l. c. p. 126. — Chitt. l. c. p. 166, 168.

utensis Casey, l. c. p. 126. — Chitt. l. c. p. 166, 168.

Biologie: Chitt. l. c. p. 168.

- tropicalis** Champ. Biol. Centr.-Amer. Col. IV, 4, 1903, p. 280, t. 14, f. 18. Panama
- undulatus** Casey, Ann. N. York Acad. IX, 1897, p. 656, 659. — Chitt. l. c. p. 144, 175, t. 18, f. 27. Arizona
Biologie: Sanderson, Bull. 74 Texas Agr. Exp. Stat. 1904, 13 p., 13 Fig. — Chitt. l. c. p. 175.
- uniformis** J. Lec. Rep. explor. Mississippi River IX, 1857, p. 57. — Horn, Proc. Amer. Philos. Soc. XIII, 1873, p. 459. — Blanch. Bull. Brooklyn Ent. Soc. VII, 1884, p. 107. — Hamilton, Canad. Ent. XXII, 1890, p. 5, 7, 8. — Casey, Ann. N. York Acad. IX, 1897, p. 656; Canad. Ent. XLII, 1910, p. 127. — Patton, Ent. News VIII, 1897, p. 76. — Chitt. Proc. Ent. Soc. Wash. X, 1908, p. 20; Ent. Amer. VII, 1926, p. 143, 170. — Essig, Ins. Western N. America 1926, p. 501. U. S. America
- brevirostris** Casey, Ann. N. York Acad. IX, 1897, p. 657, 662. — Chitt. Proc. Ent. Soc. Wash. X, 1908, p. 22.
- Caseyi** Chitt. Proc. Ent. Soc. Wash. X, 1908, p. 26; Ent. Amer. VII, 1926, p. 170.
- occidentis** Casey, Ann. N. York Acad. IX, 1897, p. 656, 658; Canad. Ent. XLII, 1910, p. 127. — Chitt. Proc. Ent. Soc. Wash. X, 1908, p. 22.
- Biologie: Hamilton, Canad. Ent. XXII, 1890, p. 5, 7, 8. — Beutenmüller, Canad. Ent. XXII, 1890, p. 260. — Murtfeldt, Ins. Life VI, 1894, p. 319. — Saunders, Bull. 74 Texas Agr. Exp. Stat. 1904, 13 p., 13 Fig. — Chittenden, Ent. Amer. VI, 1890, p. 172; VII, 1926, p. 171. — Patton, Ent. News VIII, 1897, p. 76. — Essig, Ins. Western N. America 1926, p. 501. — Reh in Sorauer, Handb. Pflanzenkrankh. ed. 4, V, 2, 1, 1928, p. 268.
- victoriensis** Chitt. Bull. 44 U. S. Dep. Agr. Div. Ent. 1904, p. 30, fig. 9—10; Proc. Ent. Soc. Wash. X, 1908, p. 23, fig. 4, 4a—c. — Casey, Canad. Ent. XLII, 1910, p. 128. — Chitt. Ent. Amer. VII, 1926, p. 142, 163, t. 17, f. 20a—c. Texas,
Kansas,
Louisiana,
Oklahoma
- Biologie: Sanderson, Bull. 74 Texas Agr. Exp. Stat. 1904, 13 p., 13 Fig. — Chitt. Bull. 44 U. S. Dep. Agr. Div. Ent. 1904, p. 24; Ent. Amer. VII, 1926, p. 164. — Pierce, Proc. Ent. Soc. Wash. XIII, 1916, p. 53. — Quaintance & Jenne, Bull. 103 U. S. Dep. Agr. Div. Ent. 1912, p. 29.
- var. *fulvus* Chitt. Ent. Amer. VII, 1926, p. 165. S. Carolina
- Wenzeli** Chitt. l. c. p. 141, 161, t. 16, f. 18. Texas
- nasutus** F. Ent. Syst. I, 2, 1792, p. 441 (*Curculio*); Syst. El. II, 1801, p. 448 (*Rhynchaenus*). — Ol. Encycl. méth. V, 1790, p. 516 (*Curculio*); Ent. V, 1807, p. 216, t. 11, f. 138 (*Rhynchaenus*). — Hbst. Natursyst. Ins. Käf. VI, 1795, p. 206, t. 74, f. 7 (*Curculio*). — Schönh. Gen. Spec. Curc. III, 1836, p. 380 (*Balaninus*). Patria ?

Timola Pasc.

- Pasc. Journ. Linn. Soc. Lond. XIX, 1886, p. 331. — Mshl. Ann. Mag. Nat. Hist. (9) XI, 1923, p. 550. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 95, 97.
- Aoploninus* Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 94.
- albovaria** Fähr. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 286 (*Balaninus*). — Mshl. Ann. Mag. Nat. Hist. (9) XI, 1923, p. 551 (*Timola*). — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 93, 99. Capland
- apicalis** Fähr. l. c. p. 285 (*Balaninus*). — Mshl. l. c. p. 551 (*Timola*). — Heller, l. c. p. 93, 98, 99. Kaffern-
gebiet
- caffra** Heller, l. c. p. 99, 103. „
- carinirostris** Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 388 (*Balaninus*). — Heller, l. c. p. 98, 100 (*Timola*). „
- cionoides** Heller, l. c. p. 98, 100. Capland
- dentata** Hustache, Rev. Zool. Afr. XII, 1924, p. 66. Franz. u. Belg.
Congo
- externerufa** Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 96. Capland
- fasciata** Faust, Deutsche Ent. Zeitschr. 1899, p. 330 D. Ostafrika
(*Balaninus*). — Heller, l. c. p. 99 (*Timola*).
- fulvonotata** Hustache, Rev. Zool. Afr. XII, 1924, p. 67. Franz. u. Belg.
Congo
- hispida** Fähr. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 283 (*Balaninus*). — Mshl. Ann. Mag. Nat. Hist. (9) XI, 1923, p. 551 (*Timola*). — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 93. Capland
- murina** Fähr. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 290 (*Balaninus*). — Mshl. l. c. p. 551 (*Timola*). — Heller, l. c. p. 93, 98. „
- notata** Fähr. Oefv. Vet.-Akad. Förh. XXVIII, 1871, p. 246 (*Balaninus*). — Mshl. l. c. p. 551 (*Timola*). Kaffern-
gebiet
- posticata** Mshl. l. c. p. 550, t. 5, f. 10. S. Rhodesia,
biarcuata Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 95 (*Aoploninus*). Transvaal,
Orange Col.
- strigirostris** Fähr. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 289 (*Balaninus*). — Mshl. l. c. p. 551 (*Timola*). — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 98. Capland
- suturalis** Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 386 (*Balaninus*). — Boh. in Schönh. l. c. VII, 2, 1843, p. 283. — Pasc. Journ. Linn. Soc. Lond. XIX, 1886, p. 332. — Mshl. Proc. Zool. Soc. Lond. 1906, p. 948; Ann. Mag. Nat. Hist. (9) XI, 1923, p. 551 (*Timola*). — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 97, 98, 99. Kaffern-
gebiet
- suturifer** Fähr. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 282 (*Balaninus*). — Mshl. Proc. Zool. Soc. Lond. 1906, p. 948. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 95 (*Aoploninus*). Capland
- tomentosa** Fähr. in Schönh. Gen. Spec. Curc. VII, 2, 1843, p. 291 (*Balaninus*). — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 285 (*Timola*). „
- variegatus** Fähr. l. c. p. 287 (*Balaninus*). „

- vestita** Gyll. in Schönh. Gen. Spec. Curc. III, 1836, p. 387 (*Balaninus*). — Boh. in Schönh. l. c. VII, 2, 1843, p. 284. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 98, 99 (*Timola*). Kafferngebiet

19

Pimelata Pasc.

- Pasc.** Ann. Mag. Nat. Hist. (6) II, 1888, p. 411. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 93; LXXXVIII, 1927, p. 175.
maculata Pasc. Ann. Mag. Nat. Hist. (6) II, 1888, Bengalen p. 411.

1

Ergania Pasc.

- Pasc.** Ann. Mag. Nat. Hist. (5) X, 1882, p. 445. — Faust, Ann. Mus. Genova XXXIV, 1894 (1895), p. 235. — Heller, Stett. Ent. Zeit. LXXXVI, 1925, II, p. 93; LXXXVIII, 1927, p. 175.
albopunctata Faust, Deutsche Ent. Zeitschr. 1898, p. 303. — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 178. Birma
Baudii Faust, Ann. Mus. Genova XXXIV, 1894 (1895), p. 237. — Heller, l. c. p. 176. „
 subsp. *tamila* Heller, l. c. p. 177. Pondicherry
bhamoensis Faust, l. c. p. 235, 237. — Heller, l. c. p. 176. Birma
 subsp. *pauperata* Heller, l. c. p. 176. Brit. Indien
decorata Heller, Journ. Philipp. Sc. VIII, 1913, D p. 137; Stett. Ent. Zeit. LXXXVIII, 1927, p. 177. Philippinen
 subsp. *zamboangana* Heller, l. c. p. 137; l. c. p. 177.
Doriae Faust, Ann. Mus. Genova XXXIV, 1894 (1895), p. 238; Deutsche Ent. Zeitschr. 1898, p. 302. Birma
 — Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 177.
 subsp. *unifasciata* Faust, Deutsche Ent. Zeitschr. 1898, p. 303.
 subsp. *yunnanus* Heller, Stett. Ent. Zeit. LXXXVIII, 1927, p. 177. Yunnan
gibba Pasc. Ann. Mag. Nat. Hist. (5) X, 1882, p. 446. Java
 — Faust, Ann. Mus. Genova XXXIV, 1894 (1895), p. 237. — Heller, l. c. p. 176.
proxima Faust, l. c. p. 238. — Heller, l. c. p. 176. Birma
siamensis Heller, l. c. p. 177, 178. Siam

8

Index Curculioninarum.

Genera, Subgenera.

Aoploninus Hell. 39
Aviranus Fairm. 4

Balaninorrhynchus Fairm. 4
Balaninus Germ. 8
Balanobius Jek. 9

Carponinus Hell. 7
Curculio Latr. 8

Ergania Pasc. 40

Nedys Steph. 8

Pimelata Pasc. 40
Pseudobalaninus Faust 5

Timola Pasc. 39
Trichobalaninus Hell. 4
Tropibalaninus Hell. 29

Species, Subspecies, Aberrationes.

acuminatus Cas. 30
acutidens Hell. (Carp.) 7
acutidens Hell. (Curc.) 23
admonens Hell. 23
adumbratus Faust 6
aequalis Lea 23
affinis Hell. 7
agnatus Hell. 7
aino Kôno 9
albidus Chitt. 30
alboater Walk. 23
albogriseolus Schklg. 5
albogriseus Fairm. 5, 6
albopictus Hell. 23
albopunctata Faust 40
alboscuteclatus Faust (Curc.) 15
alboscuteclatus Roel. (Curc.) 9
albosuturalis Hell. 7
albovaria Fähr. 39
albovittata Kôno 9
alcidulus Hell. 7
algonquinus Cas. 30
alpestris Hell. 23
alternans Hell. 7
amoenus F. 23
amurensis Hell. 9
analis Mshl. 24
analogus Hell. 24
anatolicus Pic 15
antennatus Kôno 9
apicalis Fähr. 39

apicatus Fairm. 4
apiculatus Hell. 24
appalackius Cas. 34
appendiculatus Lea 24
Arakawai Mats. 9
arcuatus Marsh. 20
ascendens Hell. 24
auctus Cas. 33
auriger Cas. 30
aurivestis Chitt. 30
Aurivilliusi Mshl. 29
axillaris Faust 7

baculi Chitt. 30
Barkeri Mshl. 29
basalis Hell. 29
basilaris Hell. 24
basithorax Motsch. 24
Baudii Faust 40
bellus Hell. 24
betulae Steph. 10
bhamoensis Faust 40
biappendiculatus Hell. 24
biarcuata Hell. 39
bicarciatus Sharp 5
bicaudatus Hell. 24
bicolor Faust 24
bieruciatus Faust (Pseud.) 5
bieruciatus Motsch. (Curc.) 24
bidens Hell. 9
bidentatus Hell. 24

bifasciatus Motsch. 24
bifasciolatus Hell. 24
bilineatus Mshl. 7
bimaculatus Faust 9
bipunctatus Hell. 7
bispilotus Mshl. 7
Bohemani Faust 5
Bomfordi Faust 24
brassicae F. 20
brevinasus Chitt. 30
brevirostris Cas. (Curc.) 38
brevirostris Pasc. (Curc.) 29
breviscapus Hell. 24
brunneus Marsh. 19
Bryanti Mshl. 7

caffra Hell. 39
c-album F. 24
calcarifer Hell. 24
camelliae Roel. 10
camerunus Hell. 29
capillatus Hell. 24
carinirostris Gyll. 39
caryae Horn 31
caryatrypes Boh. 35
Caseyi Chitt. 38
celebesus Hell. 24
cerasorum F. (Curc.) 23
cerasorum Payk. (Curc.) 10
cerberus Hell. 24
cervulinus Chitt. 32
Chevrolati Faust 10
chibi Kôno 10
chinensis Chevr. 11
cinerascens Gmel. 21
cinereus Desbr. (Curc.) 15
cinereus Pasc. (Carp.) 7
cinnamomeus Hell. 25
cionoides Hell. 39
clavatus Faust (Curc.) 13
clavatus Mshl. (Curc.) 21
coccineae Patt. 32
commodus Mshl. 25
confluens Hell. 24
Confucius Hell. 25
confusor Hamilt. 32
congoanus Hust. 29
conjugal Faust 11
Conradti Hell. 29
consocius Mshl. 25
convexus Roel. 11
cordifer Geoffr. 23
costulipennis Fairm. 4
coturnix Hell. 25
crassirostris Chitt. 32
cruciatus Hell. (Curc.) 25
cruciatus Hell. (Curc.) 19
cruciatus Hell. (Pseud.) 5
crucifer Fuchs (Curc.) 11
crucifer Roel. (Curc.) 19

crux F. 11
cuneatus Cas. 36
cuneipennis Pasc. 25
curtus Chitt. 31
curvatus Marsh.
cylindricollis Cas. 35

dajakus Hell. 25
Davidi Fairm. 12
decemnotatus Mshl. 25
deceptor Mshl. 25
decorata Hell. 40
Decorsei Hust. 5
definitus Hell. 7
delicatulus Lea (Curc.) 25
delicatulus Mshl. (Curc.) 26
dentata Hust. 39
denticulatus Hust. 5
dentipes Roel. 12
Deyrollei Tourn. 12
Dieckmanni Faust 12
discreticoxis Mshl. 25
distichus Hell. 25
distinguendus Roel. 12
diversicornis Mshl. 29
Doriae Faust 40
duodecimpunctatus Hell. 25

elegans Fairm. (Avir.) 4
elegans Fairm. (Pseud.) 5
elephas Gyll. 12
elongatipes Hell. 25
emarginatus Chitt. 32
enganus Hell. 7
epimeralis Hell. 25
erythropus Hell. 25
esuriens F. 23
Eugeniae Mshl. 25
excavatus Mshl. 7
excisipes Mshl. 7
exilis Chitt. 32
externerufa Hell. 39

falsarius Hell. 25
fasciata Faust 39
ficorum Mshl. 29
filirostris Hust. (Pseud.) 5
filirostris Rey (Curc.) 15
flavescens Roel. 13
flavoarcuatus Desbr. 25
flavodorsalis Hell. 25
flavospretus Hell. 7
flavoscutellatus Roel. 13
flaxitibia Hell. 25
frontalis Fairm. 4
fulvirostris Hell. 25
fulvonotata Hust. 39
fulvus (Chitt.) 38
fulvus Hust. (Avir.) 4

funeris Roel. 13
 funestus Hell. 25
 funicularis Chitt. 32
 fuscovarius Hell. 25
 fusifer Hell. 25

galbula Pasc. 25
 geminatus Hust. 5
 geminus Hell. 7
 geniculatus Hell. 25
 gibba Pasc. 40
 giabricollis Mshl. 7
 glandium Desbr. (Curc.) 22
 glandium Marsh. (Curc.) 13
 glaucus Hell. 25
 gracilis Chitt. 32
 griseopilosus Fairm. 5
 gryporrhynchus Hell. 25
 grypus Mshl. 25
 gulosus F. 13
 gyrosicollis Mshl. 7

haematerus Hell. 7
 hariolus Cas. 35
 Haroldi Faust 15
 Hartmanni Hell. 5
 Herbsti Gemm. 10
 heterofunicularis Hell. 26
 hilaris Hell. 7
 Hilgendorfi Har. 12
 hima Kôno 15
 hinnuleus Hell. 26
 hirtulus Fairm. 4
 hispanus Stierl. 14
 hispida Fähr. 39
 hovanus Hust. 5
 hsifanus Hell. 15
 humeralis Cas. 32
 hybridus Hell. 26

ibis Chitt. 32
 ignobilis Hell. 26
 imitator Mshl. 26
 imperialis Hell. 26
 infirmus Hell. 29
 insulanus Hell. 26
 integer Hell. 26
 intermedius Marsh. 21
 interruptus Chevr. (Curc.) 10
 interruptus Kirsch (Curc.) 26, 29
 intricatus Lea 26
 iowensis Cas. (Curc.) 32
 Isawakii Matsum. 15
 ischnoclavatus Hell. 26

javanus Hell. 7
 jota Panz. 11
 jucundus Hell. 26

kiangsuicus Hell. 26

kinabaluianus Hell. 26
 koreanus Hell. 15

lacertosus Hell. 26
 lamellicoxis Hust. 4
 lateristrigosus Hell. 26
 laudabilis Hell. 26
 lepidus Faust 26
 leptoclavatus Hell. 26
 leucaspis Chevr. 15
 leucocomus Faust 6
 lineatipes Hell. 5
 lineolatus Motsch. 26
 lombokianus Hell. 7
 longehirtus Fairm. 4
 longiclavus Mshl. 26
 longicollis Faust 15
 longidens Chitt. 32
 longinasus Chitt. 32
 longipennis Reitt. 15
 longipes Cas. 37
 longirostris Hust. 6
 luctuosus Pasc. 26
 ludificans Hell. 26
 lugubris Motsch. 26

macer Hell. 26
 macilentus Cas. 30
 macrodon Chitt. 32
 macrophthalmus Hell. 26
 macropus Ol. 21
 macula-nigra Oll. 15
 maculata Pasc. 40
 madagassus Hell. 29
 malayianus Hell. 7
 mandibularis Chitt. 32
 manoba Hell. 26
 Marshalli Hell. 26
 Mastersi Pasc. 26
 mastodon Jek. 13
 melaleucus Boh. (Pseud.) 6
 melaleucus Wied. (Curc.) 24
 melanothorax Hell. 7
 meleagris Hell. 26
 metasternalis Fairm. 6
 microdon Chitt. 32
 minimus Kôno (Curc.) 15
 minimus Rey (Curc.) 11
 minusculus Hell. 26
 minutissimus Schklg. 15
 minutus Hust. (Pseud.) 6
 minutus Hell. (Curc.) 26
 misellus Hell. 27
 missironis Hell. 27
 mixtus Hust. 4
 moestus Mshl. 27
 molitor Roub. 17
 mollis Cas. 30
 molobrus Hell. 7
 momunganus Hell. 27

montanus Hell. 27
 monticola Cas. 32
montivagus Hell. (Curc.) 27
montivagus Reitt. (Curc.) 15
 morogorus Hell. 30
 Motschulskyi Hell. 27
 multifasciatus Chitt. 32
 murina Fähr. 39

nanulus Cas. 32
napobrassicae Bjerk. 21
 nasicus Say 33
 nasutus F. (Curc.) 38
nasutus Say (Curc.) 33
 negrosensis Hell. 27
 nigricollis Mshl. 27
 nigrobasalis Hust. 6
 nigrocinerus Mshl. 27
 nigrofasciatus Hell. (Carp.) 7
 nigrofasciatus Hell. (Curc.) 27
 nigromaculatus Kôno 27
 nigromarginalis Hell. 27
 nigrorufus Mshl. 7
nigroscutatus Fairm. (Pseud.) 6
 nigrovarius Hell. 27
niphades Fairm. 6
 nitelus Hell. 7
 nivatus Hell. 27
 niveopictus Hell. 27
 nivosus Faust 27
 nobilior Hell. 27
 nobilis Reitt. 15
 notata Fähr. 39
 novempunctatus Hell. 27
 novempilotus Hell. 6
nubifer Mshl. (Curc.) 30
nubifer Stev. (Curc.) 22
 nubilifer Hell. 30
nucum Germ. (Curc.) 14
nucum L. (Curc.) 15
nucum Melsh. (Curc.) 33
nucum var. Ol. (Curc.) 13
 numenius Hell. (Carp.) 7
 numenius Chitt. (Curc.) 34

obliquatus Fairm. 4
 obsolatus Hell. 27
 obtusus Harr. 34
occidentis Cas. 38
 ochreateus Fairm. 18
 ochrosuturalis Hell. 27
 octopunctatus Hell. 27
ordinatus Cas. 37
 ornaticollis Hell. 27
 orobistus Hell. 27
 orthorhynchus Chitt. 34

palembangus Hell. 24
 panthaicus Hell. 25
 pardalis Chitt. 34

pardus Chitt. 34
parvicollis Cas. 34
parvidens Chitt. 34
pauperata Hell. 40
pedemontarus Fuchs 21
 pellitus Boh. 18
 penicillatus Fairm. 5
 perakanus Hell. 27
 perdix Hell. 27
 perelegans Fairm. 6
perehilis Cas. 30
 permutatus Hell. 27
 pertinax Faust 27
 phenax Hell. 27
 pictor Fairm. 5
 pictus Roel. 18
 picus Boh. 35
 plicatulus Hell. 7
 plicicollis Fairm. 4
 pluto Faust 27
 plutonius Hell. 27
 porrectus Boh. 35
 posticata Mshl. 39
postscutellaris Hell. 24
 praeteritus Pasc. 27
 proboscideus F. 35
 productus Pasc. 28
propinquus Desbr. 13
proprius Cas. 36
 proxima Faust 40
 pseudogrypus Hell. 28
 pulcher Faust 6
 pusio Mshl. 28
 Pylzovi Smirn. 18
 pyrrhoceras Marsh. 18

q-griseae Chitt. 36
 quadriguttatus Hell. 28
 quadrillus Fairm. 6
 quaesitus Hell. 28
 quercivorus Kôno 19
quercus Horn 36
 quincunx Mshl. 28

radiatus Hell. 28
 ranauus Hell. 28
rectirostris Gyll. 36
rectitibialis Chitt. 32
rectus Horn (Curc.) 30
rectus Say (Curc.) 36
 Reichei Desbr. 19
 Reitteri Hell. 28
rhaeticus Fuchs 12
 rhombus Hell. 28
 robustus Roel. 19
 Roelofsi Hell. 19
rostratus Gyll. 33
 rubidus Gyll. 19
 rubiginosus Hell. 28
 rubricollis Hust. (Avir.) 5

rubricollis Westh. (Curc.) 20
rubripes Faust (Curc.) 28
rubripes Seidl. (Curc.) 28
ruficristatus Chitt. 37
rufimanus Motsch. 28
rufipes Fairm. (Pseud.) 6
rufipes Faust (Curc.) 28
rufosignatus Fairm. 18
rufulus Mshl. 7

Sakaguchii Kôno 20

salicis Panz. 12

salicivorus Payk. (Curc.) 20

salicivorus var. b Gyll. (Curc.)
 19

samaranus Hell. 29

sanguinirostris F. 37

Sauteri Hell. 28

Sayi Gyll. 36

scolopaceus Hell. 28

scutellaris Chev. (Curc.) 21

scutellaris Steph. (Curc.) 21

sellatus Mshl. 28

semicirculifer Hell. 28

semifasciatus Faust 6

semiflavus Hell. 7

semilunifer Hell. 28

semisuturellus Mshl. 8

septemguttatus Hell. 28

septempunctatus Hell. 5

sericans Fairm. 30

sericeus Desbr. 18

sesquilineatus Mshl. 8

setosicornis Cas. 30

sexplagiatus Hell. 6

sexpunctatus Hell. 28

Shelfordi Mshl. 28

shigizo Kôno 21

siamensis Hell. 40

sibuyanus Hell. 28

sikkimensis Hell. 28

simillimus Hell. 28

simius Hell. 28

simus Faust 28

Solarii Hell. 8

solitarius Hell. 28

solivagus Hell. 28

sparsellus Cas. 37

sparsus Gyll. 33

spinicoxis Hust. 5

spretus Hell. 28

squamosipictus Hust. 4

stigma Hell. 28

stramineopictus Hell. (Carp.) 8

stramineoplagiatus Hell. 28

striatipennis Fairm. 6

striatus Chitt. 37

strictus Cas. 37

strigicollis Fairm. 4

strigirostris Fähr. 39

strigosus Cas. 30

styracis Roel. 21

subfuscospinatus Hell. 28

submaculatus Lea 28

subpartitus Mshl. 29

subrubescens Hell. 8

sukarandae Hell. 8

sulcatulus Cas. 33

suturalis Gyll. 39

suturifer Fähr. 39

syriacus Desbr. 21

taclobanus Hell. 29

Takabayashii Kôno 21

tamila Hell. 40

tenuesparsus Fairm. 11

tenuirostris F. 23

ternatensis Hell. 29

tersus Pasc. 29

tessellatus Fourcr. (Curc.) 14

tessellatus Motsch. (Curc.) 27

tetragrammus Fairm. 6

tibialis Hell. (Pseud.) 6

tibialis Hust. (Pseud.) 5

timidus Cas. 32

tomentosa Fähr. 39

tonkinensis Hell. 29

transvaalense Hesse 30

transversalis Faust 19

tricolor Hell. 8

trifasciatus Hell. 7

trinotatus Mshl. 29

trogodytes Jek. 21

tropicalis Champ. 38

tubulatus Cas. 37

tumidirostris Mshl. 29

turbatus Gyll. 14

undulatus Cas. 38

unifasciata Faust 40

unifasciatus Mshl. 29

uniformis J. Lec. (Curc.) 38

uniformis auct. (Curc.) 30

ussuriensis Hell. 21

utensis Cas. 37

vacca Thunb. 37

vagifascia Hell. 29

valens Hell. (Curc.) 29

valens Hesse (Curc.) 30

validus Hell. 29

varians Hell. 29

variegatus Fähr. 39

variegatipes Hell. 29

variesculptus Hell. 29

venosus Grav. 21

venustus Hell. 29

vestita Gyll. 40

Vethi Hell. 8
Vethianus Hell. 29
victoriensis Chitt. 38
villosus F. 22
virginicus Cas. 34

Wenzeli Chitt. 38
Williamsi Hell. 29

x-album Motsch. 29
x-pallidum Hell. 29

yünnanus Hell. (Curc.) 29
yunnanus Hell. (Erg.) 40

zebra Hell. 29
zamboangana Hell. 40
