

- 1934 ——— *adustus* var. *bicolor* Lindberg, Not. Ent. 14:18 (descr., n. var.)
 1942 ——— Hsiao, Ia. St. Coll. J. Sci. 16(2):263 (key)
 1955 ——— (*Neolygus*) *adustus* Wagner, Acta Ent. Mus. Not. Pragae 29(434):154,
 158, figs. (genitalia)

**bipunctatus* Sahlberg see *lucorum* (Meyer)

contaminatus Fallen

- 1807 *Lygaeus contaminatus* Fallen, Mon. Cimic. Succ.: 76 (n. sp.)
 1828 *Phytocoris contaminatus* Zetterstedt, Faun. Lapp.: 487 (descr.)
 1829 ——— Fallen, Hem. Suec.: 79 (descr.)
 1833 *Lygus contaminatus* Hahn, Wanz. Ins. 1:151, fig. 76 (descr.)
 1840 *Phytocoris contaminatus* Zetterstedt, Ins. Lapp.: 272 (descr.)
 1843 *Capsus contaminatus* Meyer, Verz. Schw. Rhync.: 45 (descr.)
 1845 *Phytocoris contaminatus* Kolenati, Melent. Ent. 2:116 (descr.)
 *1855 *Capsus sulcifrons* Kirschbaum, Rhync. Wiesb.: 290 (n. sp.) (syn. by Fieber,
 Eur. Hem.: 392, 1861)
 *1860 ——— *viridis* (pars) Flor, Rhync. Livl. 1:531 (descr.) (syn. by Reuter, Not.
 Sallsk. F. Fl. Fenn. Forh. 14:9, 1873)
 1861 ——— *contaminatus* Flor, Rhync. Livl. 2:612 (key, descr.)
 1861 *Lygus contaminatus* Fieber, Eur. Hem.: 274 (descr.)
 1865 ——— *sulcifrons*, Douglas & Scott nec Kirschbaum, Brit. Hem.: 459 (in
 Reuter, 1873)
 1871 *Capsus (Lygus) contaminatus* Thomson, Opusc. Ent. 4:425 (key)
 1873 ——— *contaminatus* Walker, Cat. Het. 6:83 (list)
 1875 *Lygus contaminatus* Reuter, Rev. Crit. Caps. 2:49 (descr.)
 1875 ——— Reuter, Bih. K. Sv. Vet. Akad. Handl. 3(1):17 (key)
 1875 ——— Saunders, Trans. Ent. Soc. London: 275 (key, descr.)
 1875 ——— Vollenhoven, Tijdschr. Ent. 19:109, fig. (descr.)
 1878 ——— Vollenhoven, Hem. Het. Neerl.: 220, pl. 15, fig. 7
 (descr.)
 1886 ——— Uhler, Check List: 18
 1890 ——— Atkinson, Jour. Asiatic Soc. Bengal 58(2):86 (cat.)
 1890 ——— *sulcifrons* Atkinson, Jour. Asiatic Soc. Bengal 58(2):86 (cat.)
 1892 ——— *contaminatus* Saunders, Hem. Het. Brit. Is.: 249, 250 (key, descr.)
 1896 ——— Reuter, Hem. Gymn. Eur. 5:112, 367 (key, descr.)
 1901 ——— Hueber, Syn. Blindw. 1:324 (descr., key)
 1909 ——— Reuter, Acta Soc. Sci. Fenn. 36(1):80 (host)
 1910 ——— Oshanin, Verz. Pal. Hem.: 716 (cat.)
 1914 ——— Van Duzee, Trans. S. Diego Soc. Nat. Hist. 2:20 (list)
 1917 ——— Van Duzee, Univ. Cal. Pub. Ent. 2:341 (cat.)
 1923 ——— Butler, Biol. Brit. Hem.: 413 (biology)
 1930 ——— Stichel, Illus. Best. Deut. Wanz. 6:185 (key)
 1935 ——— Hedicke, Tierw. Mittel. Het. 4(3):46 (key)
 1943 ——— Wagner, in Gulde, Wanz. Mitteleur. 9:72, 87, fig. 25
 (key, descr.)
 1943 ——— Kullenberg, Ark. Zool. 33A(15):2, fig. (egg)
 1943 ——— (*Apolygus*) *contaminatus* China, Gen. Names Brit. Ins. 8, Hem.: 258
 (list)
 1944 ——— *contaminatus* Kullenberg, Zool. Bidr. Uppsala 23:61, fig. (biology)
 1949 ——— (*Apolygus*) *contaminatus* var. *innotatus* Wagner, Verh. Ver. Naturw.
 Heimatf. Hamburg 30:39 (list)
 1951 ——— Kiritshenko, Het. Eur. USSR.: 148 (key)
 1952 ——— (*Neolygus*) *contaminatus* Wagner, Tierw. Deut. 41, Blindw.: 36, fig.
 25 (key, descr.)
 1955 ——— Kelton, Can. Ent. 87(7):280, figs.

Algeria
 Caucasus
 Europe
 N. America:
 Cal.
 Canada
 n.w. USA
 Russia
 Siberia

**declivis* Scholtz see *lucorum* (Meyer)

limbatus Fallen

- 1807 *Lygaeus limbatus* Fallen, Mon. Cimic. Suec.: 85 (n. sp.)
 1829 *Phytocoris limbatus* Fallen, Hem. Suec.: 92 (descr.)
 1833 *Lygus limbatus* Hahn, Wanz. Ins. 1:152, fig. 77 (descr.)
 1835 *Phytocoris limbatus* Burmeister, Handb. Ent. 2:271 (descr.)
 1843 *Capsus limbatus* Meyer, Verz. Schw. Rhync.: 47 (descr.)
 1848 ——— Sahlberg, Mon. Geoc. Fenn.: 106 (descr.)
 1855 ——— Kirschbaum, Rhync. Wiesb.: 344
 1860 ——— Flor, Rhync. Livl. 1:528 (key, descr.); 2:608, 1861)

Austria
 Belgium
 Europe
 Finland
 France
 Germany
 G. Britain
 Hungary
 Italy