

- AA. Blue-black, slaty or pink, cornicles black, globose and mealy.....*kochii* 4
- AAA. Black.
- B. Somewhat flattened; mealy.....*cratægi* 5
- BB. Globose; somewhat mealy; often with white flecks.....*rumicis* 6
- BBB. Globose; not mealy; all legs black.....*nigra* 7
- II. No cornicles.....*lanigera* 8

Aphis pomi, De Geer.

Aphis mali Fabricius (non Oestlund, etc.).

Aphis oxyacanthæ Schrank (non Koch).

Aphis padi Sanderson (non Linnæus).

Aphis pyri Kittel (non Boyer, Koch, etc.).

De Geer, Mems. III, p. 53, pl. III, figs. 18-21, 1773.

Fabricius, Syst. Ent., p. 737 (pyri-mali), 1794; Ent. Syst., p. 216 (pomi), 1794.

Schrank, Fn. Boica. II, p. 115 (mali), p. 115 (oxyacanthæ), 1801.

Kaltenbach, Mono. Pflanz., p. 72, 1842.

Koch, Die Pflanz., p. 107, pl. XX, figs. 143, 144, 1857.

Passerini, Gli Afidi, p. 34, 1860; Aphid. Ital. a. z. an. fig. II, p. 163, 1862.

Walker, Ann. Mag. Nat. Hist., se. 2, II, p. 269, 1848; Zoologist, VI, p. 2251, 1848; List. Homop. B. Mus., p. 905, 1852.

Ferrari, Aphid. Lig. Ann. d. Mus. Civ. Stor. Nat. Genova II, p. 68, 1872.

Macchiati, Bull. Soc. Ent. Ital., p. 255, N. 82 (mali), 1887.

Buckton, Mono. Brit. Aph. II, p. 44, pl. L (part), 1879.

Taschenberg, Prakt. Ins. kunde, pt. V, p. 53, 1880.

Ormerod, Man. Inj. Ins., p. 284 (mali, Kochinete), 1890.

Cowen, Bull. 31, Colo. Agri. Exp. Sta., p. 120, 1895.

Fletcher, Rept. Ent. and Bot. Canada, 1895, pp. 147-163, 1896.

Ormerod, Handb. Ins. Orchd. and Bush Fruits, p. 6 (mali, etc.), 1898.

Fletcher, Rept. Ent. and Bot. Canada, 1898, p. 206 (mali), 1899.

Smith, Bull. 143, N. Jersey Agri. Exp. Sta., p. 23, 1900.

Forbes, Circ. 36, Ill. Agri. Exp. Sta., p. 32, 1901.

Leonardi, Gli Insetti Nocivi. III, p. 221, 1901.

Sanderson, Trans. Penn. Hort. Soc., pt. II, p. 45, 1901, and 12th Rept.

Del. Coll. Agri. Exp. Sta., p. 191, fig. 10 (padi), 1901, and 13th Rept., p. 130, 1902.

Gillette, Bull. 31, U. S. Div. Ent., U. S. A. Dept. Agri., p. 53, 1902.

Tullgren, Upp. Prak. Ent. XIII, p. 79 (mali Koch), 1903.

Schonteden, Ann. Soc. Ent. Belg. XLVII, p. 173, 1903, and Marcellia;

Avellino II, p. 93, 1903.

Theobald, 1st Rept. Eco. Zool. (Brit. Mus.), p. 27, 1903.

Tavares, Broteria, Lisboa, II, p. 165, No. 16, 1903.

Saunders, Rept. Ent. and Bot., 1903; Sess. Pap. 16, p. 193, 1904.

Marchal and Chateau, Autun. Mem. Soc. Hist. Nat. XVIII, p. 273, 1905.

Carpenter, Eco. Proc. Roy. Soc. Dublin I, pt. 4, p. 301, 1905.

Dewar, Farmers' Bull. VIII, p. 12, Orange River Colony, 1905.