

2. MELILOTUS ALBA, *Desrousseaux*.

This is a well known plant, often cultivated for bees, and it has attracted attention at different times as a source of fibre and paper pulp. In rich favourable soils it grows to a great size, rising to a height of from 6 to 10 feet, or even more. It is much branched, has clean and glabrous stems and foliage, and long dense racemes of numerous small white flowers. The wing and keel petals are shorter than the standard.

This species grows in great luxuriance about the Grand Trunk Railway yards at Toronto, and probably in other parts of Ontario; also about Montreal. It is specially a Railway Plant, but its range in Canada has not been traced. Being frequently cultivated, it is apt to occur as a "casual," and, in giving localities for it, observers should state explicitly whether the plant has taken permanent hold. In Halifax County it has been cultivated in gardens for many years, but does not spread.

*Melilotus alba*. Desrousseaux, in Lamarck's *Encyclopedie Methodique*, Botanique, IV., p. 63, (DC.) (1796). Reichenbach, *Fl.*, Exc., p. 499. Kech, *Synops. Fl. Germanicæ*, ed. 2, I., p. 183. Eet. & Wr. 317. Gray, *Manual*, Bot. Northern N. S., p. 128. Brewer & Watson, *Bot. California*, I., p. 132. Hook, *fil.*, *Students' Flora*, Br. Isl., ed. 1, p. 90. Watson, *Bibliographical Index N. Am. Plants*, I. p. 243. Macoun, *Cat. Canad. Plants*, I., p. 106 (1883).

*Melilotus officinarum Germanicæ, flore albo*. C. Bauhin *Pinax*, p. 331. Tournefort, *Inst. Rei Herbariæ*, p. 407.

*Trifolium Melilotus officinalis, (b.)* Linnæus, *Species Plantarum*, p. 1078.

*Trifolium album*. Lois. *Flora Gallica*, p. 479.

*T. Germanicum*, Smith, in Rees's *Cyclopædia*, XXXVI. (1819).

*Melilotus officinalis (b.) alba*. Persoon, *Synopsis*, I., p. 348 (1807). Nuttall, *Genera*, II., p. 104.

*M. officinalis (b.)* Aiton *fil.*, *Hort. Kewensis*, ed. 2, IV., p. 380 (1812).

*M. vulgaris*. Willdenow, *Enumeratio Plantarum Horti Berolinensis*, p. 790 (Koch), (1809). Spreng. *Syst.*, III., p. 206,