

biennial, may be readily distinguished from its congener, *M. altissima*, by its cylindrical, plump, shining, bright-colored, transversely wrinkled, *glabrous* pod; in the flower, the wings and standard are about equal in length, longer than the keel. We still need more careful observation as to how far these differences in the comparative lengths of the vexillum, alæ and carina are constant in the several species of *Melilotus*; these differences were first specially noted in Dr. Hayne's communication, dated Schnöbeck, 9th October, 1807, to Schrader's Neues Journal für die Botanik. Although the flowers of *M. officinalis*, Desr., are constantly yellow in Britain and America, there is a white-flowered European form, named *T. Petitpierreanum*, for "Herr Petitpierre, General de la Grande Armée;" *T. Kochianum*, for "Herr Chirurgus Koch, in Gnadau."—(See Hayne's letter.)

This plant grows abundantly on the banks of the Avon River, near Windsor, Nova Scotia, where it has been long established, and presents every prospect of permanence; it is also general on the citadel, and in several other localities around the City, of Quebec, appearing as much at home as any of the original native plants. During the visit of the British Association to Montreal in 1884, I found it growing wild in the streets of that City, and Mr. P. Jack obtained it on the Montreal Mountain.

It is not improbable that the Canadian localities hitherto assigned to *M. altissima*, Thuillier, or some of them, may prove, on examination, to belong to this species. Indeed, I think it very probable that the localities given by Sir William Hooker in the Flora Boreali-Americana, viz: "About Montreal and Quebec. Lady Dalhousie, Mrs. Percival," belong to this species.

In Prof. Macoun's Catalogue, I, p. 107, *M. altissima*, (*M. officinalis*, Willd.), is said to be "naturalized at Pictou and Halifax, N. S." So far as I know, we have no established *Melilotus* in the Halifax district; but *M. officinalis*, Desr. (not *altissima*) appeared spontaneously one season in a sowing of *M. alba*, in the garden of Mr. P. Jack, Bellahill. As regards Pictou, Mr. A. H. MacKay, M. A., Principal of the Pictou Academy, has kindly taken the trouble to collect specimens for me on the