

1509. VICIA NARBONENSIS.**Narbonne vetch.**

From France. Received through Mr. W. T. Swingle, December, 1898. (43 packages.)

“Vesce de Narbonne.”

“Annual; very vigorous and very early, remarkable in its stalks, its foliage, and its general appearance, which recalls that of a small bean, but earlier. To be sown early in spring in the North. In more temperate climates than ours (latitude of Paris) it may and even should be sown in autumn. This species has been confounded for some time with *V. macrocarpa*, and sold under that name. It is generally sown alone, but it may be found advantageous to have it enter mixtures for green cutting, which are to be sown early in spring, or to mix it with oats or rye or some other cereal grass. (*Vilmorin.*)

The seed, which is very large, weighs about 62 pounds per bushel, and is sown at the rate of 160 to 200 pounds per acre.

1510. VICIA CRACCA.**Cow vetch.**

From France. Received through Mr. W. T. Swingle, December, 1898. (2 packages.)

“Vesce multilore” (many-flowered vetch).

“A downy pubescent perennial with compound leaves of 20 to 24 narrowly oblong, abruptly pointed leaflets, and numerous blue or purple reflexed flowers in a one-sided spike. Common in the borders of thickets from New England to the upper prairie region. The species is cultivated in Europe for fodder, and is recommended for cultivation in wet meadows. In the shade it yields a return three times larger than in open places. It would, therefore, be valuable in the woodland pastures and alpine regions.” (*Jared G. Smith.*)

“This and *V. tenuifolia*, which have been recommended, are perennial plants, rich in herbage and liked by animals, but the seeds are scarce and the germination is capricious. The vetches require the support of other plants with erect stalks.” (*Vilmorin.*)

1511. VICIA ANGUSTIFOLIA.**Vetch.**

From France. Received through Mr. W. T. Swingle, December, 1898. (2 packages.)

“Vesce a feuille étroite” (narrow-leaved vetch).

1512. VICIA BIENNIS.**Biennial vetch.**

From France. Received through Mr. W. T. Swingle, December, 1898. (2 packages.)

“Vesce bisannuelle.”

“Biennial and perennial, hardy, very large species, yields much fodder, demands the support of some other plant with firm erect stalk; very scanty in seeds.” (*Vilmorin.*)

1513. VICIA SEPIUM.**Hedge vetch.**

From France. Received through Mr. W. T. Swingle, December, 1898. (2 packages.)

“Vesce des haies.”

“Perennial. A common plant [in France] along borders and paths in the woods; it prefers shade and moisture, but succeeds equally well in good wholesome and even dry soils. Seeds scarce.” (*Vilmorin.*)

1514. VICIA FULGENS.**Vetch.**

From France. Received through Mr. W. T. Swingle, December, 1898. (22 packages.)

“Vesce écarlate” (scarlet vetch).

“An annual species recently discovered in Algeria, remarkable for its rapid growth and for the beauty of its bright-red flowers spotted with brown; it is cultivated as an ornamental plant; it merits an equal recommendation as a forage plant.” (*Vilmorin.*)