

5481. VACCINIUM VITIS IDÆA. Cranberry.

From Kiovikko, Finland. Received through Messrs. Lathrop and Fairchild (No. 438), September 10, 1900.

"A wild cranberry from the moors of North Finland. This species, so far as I can learn, has never been cultivated in Sweden and Finland. It is, however, of considerable commercial importance and many carloads of the fruit are shipped yearly to Germany. The berries are one-fourth as large as those of *V. macrocarpon*, but Europeans claim they are more aromatic." (*Fairchild.*) Distributed.

5482. RUBUS CHAMLEMORUS. Raspberry.

From Kiovikko, above Uleaborg, Finland. Received through Messrs. Lathrop and Fairchild (No. 440), September 10, 1900.

"An orange-fruited Arctic raspberry, the English name of which is unknown to me. In Finland the fruits of this species are dried and kept for months. They have a peculiar acid taste, highly appreciated. Never cultivated in Finland. A true moor plant, suitable only for Alaskan moors." (*Fairchild.*) Distributed.

5483. RUBUS ARCTICUS. Arctic raspberry.

From Uleaborg, Finland. Received through Messrs. Lathrop and Fairchild (No. 439), September 10, 1900.

"A wild arctic and subarctic plant which is very abundant on the moors. It is nowhere cultivated and may be very difficult to grow from seed. The only region where it might succeed is Alaska, where, presumably, the same species occurs. The fragrance of these Finnish berries is something delicious, and in Sweden and Finland exceptionally fine jam is made from them." (*Fairchild.*) Distributed.

5484. LUPINUS ALBUS. White lupine.

From France. Received September 14, 1900.

The white lupine is an excellent green-manure crop and winter soil cover. The seed should be sown by October 1, in time for the early rains and while the ground is yet warm. The crop should be plowed under when the lupines are in blossom." (*Hilgard.*)

5485. RUBUS ARCTICUS. Arctic raspberry.

From Abo, Finland. Received through Messrs. Lathrop and Fairchild (No. 424), September 12, 1900.

"A wild species growing in the swamps of northern Finland especially. The fruit is orange yellow, with a red blush, and has a refreshing flavor. This plant is not cultivated in Finland, but is highly prized for preserves. Should be sown in moss or very moist soil." (*Fairchild.*) (See No. 5483.) Distributed.

5486. TRITICUM VULGARE. Wheat.

From Ithaca, N. Y. Presented by Prof. I. P. Roberts, Director of the Cornell Experiment Station. Received September 12, 1900.

Dawson's Golden Chaff. "Under very unfavorable conditions and a winter so severe that there was almost an entire failure of wheat on the surrounding farms, this wheat yielded 41 bushels per acre." (*Roberts.*)

5487. ALLIUM CEPA. Onion.

From Woodhaven, N. Y. Presented by Mr. H. Beaulieu, seedsman and florist, September 6, 1900.

"A white onion, hardy in New York, which will stand the coldest weather without protection. Sow from August 15 to September 15. Comes about three weeks earlier than the sets and does not go to seed the first year. Similar in color and shape to the White Portugal, but much earlier." (*Beaulieu.*)