

13576 to 13582.

From Christiania, Norway. Presented by Mr. C. Doxrud, thru Miss Carrie Harrison, of this Department. Received April 13, 1905.

13576. AVENA SATIVA. Oat.

White. Cultivated in 1898 under the Arctic Circle.

13577. AVENA SATIVA. Oat.

Black. Cultivated at northern latitude of 64°.

13578. HORDEUM VULGARE (?). Barley.

Cultivated in 1898 under the Arctic Circle.

13579. PISUM SATIVUM. Pea.

Cultivated at northern latitude of 63½°.

13580. PHLEUM PRATENSE. Timothy.

Cultivated at northern latitude of 63½°.

13581. TRIFOLIUM PRATENSE. Red clover.

Cultivated at northern latitude of 63½°.

13582. VICIA sp. Vetch.

Cultivated at northern latitude of 63½°.

"We are informed that these seeds have been collected within the Arctic Circle, and it is probable that they represent very short-seasoned types, which are likely to be of unusual value in northern Alaska and possibly in portions of our Northern States." (*Fairchild.*)

13583 to 13585. GOSSYPIUM sp. Cotton.

From Peru. Received thru W. R. Grace & Co., New York, N. Y., April 19, 1905.

13583. *Vitarte.*

Smooth cotton seed from Vitarte; represents the seed of cotton grown in the valleys of Peru. This cotton is similar to Egyptian and is known as "*Egypto*" cotton. It is used by the various cotton mills in this country in the manufacture of "domestics." The surplus is shipped to Liverpool, where it finds a market at a price a little over American cotton, say 0.40d. per pound. There is one crop of this cotton every year, the same as with American cotton. The seed is planted in September or October and the cotton is gathered in May or August the following year. The annual crop is about 7,500,000 pounds.

13584. *Palpa.*

13585. *Nazca.*

Palpa, Nazca, and Ica (No. 14801) represent seed of Peruvian cotton grown in these different places, which are in the southern part of Peru. Here the crop is twice a year, same seasons as the "Full rough." Crop varies from 6,000 bales (of 100 pounds) in a dry year to 15,000 bales in a good year. The cotton seed of the "Full rough" (No. 12938) and "Moderate rough" (*Palpa, Nazca, and Ica*) is exported to England, while the seed of the "*Egypto*" is prest here and the cotton-seed cake, known as "Pasta," is shipped to Liverpool. The oil is sold here chiefly for use in mines, and portions of it as Italian salad oil.

13586. PITALARIS CANARIENSIS. Canary grass.

From Patras, Greece. Presented by Mr. S. Xanthopoulo, of the Station Agricole. Received April 19, 1905.

In his letter of April 1, Mr. Xanthopoulo stated that this seed was procured by him from Turkey.

13587 to 13599.

From Chelsea, England. Received thru James Veitch & Sons, March 28, 1905.

Flower seeds.