

44145 to 44151.

From China. Seeds collected by Mr. Frank N. Meyer, Agricultural Explorer for the Department of Agriculture. Received February 9, 1917.

44145. *PYRUS USSURIENSIS* Maxim. Malaceæ. Pear.

"(No. 126b. Peking, China, December 29, 1916.) Twelve large and twelve small specimens of the Peking white pear, *Pai li*, some with and others without calyx." (Meyer.)

Received as *Pyrush simonii*, which is now referred by Mr. Rehder to *P. ussuriensis*.

44146. *PYRUS LINDLEYI* Rehder. Malaceæ. Pear.
(*P. sinensis* Lindl.)

"(No. 127b. Peking, China, December 19, 1916.) *Hung hsiao li*, meaning 'red smile pear.' A remarkable pear of apple shape, with a bright-red blush on one side, while the other side is yellowish, often tinged with green; meat sour and hard; calyx deciduous; peduncle long. A very good keeper and shipper. Of value in breeding experiments. Scions sent under No. 1266 [S. P. I. No. 44164]." (Meyer.)

44147. *PYRUS USSURIENSIS* Maxim. Malaceæ. Pear.

"(No. 128b. Tsunhwachow, Chihli Province, China, December 9, 1916.) Specimens of the 'big sour pear,' *Ta suan li*, showing size and persistency of calyx. Scions sent under No. 1272 [S. P. I. No. 44169]." (Meyer.)

44148. *PYRUS USSURIENSIS* Maxim. Malaceæ. Pear.

"(No. 129b. Tsunhwachow, Chihli Province, China, December 9, 1916.) Specimens of the 'eight li fragrant pear,' *Pa li hsiang li*. Notice persistent calyx, short peduncle, and fine aroma." (Meyer.)

44149. *PICEA MEYERI* Rehd. and Wils. Pinaceæ. Spruce.

"(No. 133b. Shinglungshan, Chihli Province, China, December 3, 1916.) A tall-growing spruce, often having bluish needles." (Meyer.)

"This quadrangular-leaved spruce is characterized by its hairy shoots, curved nonpungent leaves, and medium-sized symmetrical cones with rounded or truncate scales. It is most closely related to *Picea gemmata* Rehd. and Wils., which has similarly hairy shoots, more densely hairy buds, very pungent leaves, and larger cones with much broader scales. It is also related to *P. asperata* Masters, which has paler, more yellow, less pubescent shoots, slightly pungent leaves, larger cones with rhombic scales paler in color, and winter buds with more loosely appressed and more recurved scales. The shoots in *P. meyeri* show great variation in degree of pubescence, and this is not constant from year to year on the same branch. One year a shoot may be densely pubescent and the next year the new shoot on the same branch almost glabrous." (Sargent, *Plantae Wilsonianae*, vol. 2, p. 28-29.)

44150. *PYRUS USSURIENSIS* Maxim. Malaceæ. Pear.

"(No. 2354a. Malanyu, Chihli Province, China, December 7, 1916.) *Ta tzu hsiang li*, meaning 'Tartar fragrant pear.' A small variety of Chinese pear, of globose form, having a persistent calyx and a short peduncle; color greenish; flesh of aromatic, pleasant tart flavor becoming melting in December. This pear possibly may prove to be immune to pear-blight." (Meyer.)