

Pyrus calleryana Dacaisne. (Malaceae.) 44333. Grafts of a **wild pear** from Hongkong, China. Presented by Mr. W. J. Tutcher, Superintendent, Botanical and Forestry Department. This wild Chinese pear is not uncommon in western Hupeh at an altitude of from 1000 to 1500 m. and is easily recognizable by its comparatively small, crenate leaves and small flowers. This pear maintains a vigorous and healthy appearance under the most trying conditions, and might prove to be a very desirable blight-resistant stock. The woolly aphid, which attacks other species of pears, has not been known to touch this species. (Adapted from Compere, Monthly Bulletin Calif. State Comm. Hort. vol. 4, pp. 313, 314, and from Rehder, Chinese Species of Pyrus, Proc. Am. Acad. vol. 50, pp. 237, 238.)

Pyrus sp. (Malaceae.) 44246. **Pear** scions from Charles City, Iowa. Presented by Mr. Charles G. Patten. "In Grundy Center, Iowa, there is a pear tree growing which endured the extremely cold winter of 1883, 1884 and 1885. This pear is owned by Mr. O. A. Bardhall, a tailor, and was imported from China as a Chinese Sand pear by Mr. John S. Collins & Sons of New Jersey, and was supposed by them to bear pears nearly the size of *Flemish Beauty*, but only of cooking quality. The extreme hardiness of the tree appealed to Mr. C. G. Patten of Charles City, Iowa, who planted one in his orchard in 1885, and the following year planted two in an isolated orchard on his farm. The second year after that, the tree bore fruit, but on account of its early blooming and consequent lack of pollination bore only a very scanty number of very small, green-colored, hard pears, from which but few seeds were saved. (Adapted from C. G. Patten, in Report of the Iowa State Horticultural Society for the Year 1912, p. 162.)

Raphanus sativus L. (Brassicaceae.) 44293. **Radish** seeds from Ansuhsien, Chihli province, China. Collected by Mr. Frank N. Meyer, January 18, 1917. "*Teng lung hung lo po*, meaning 'Lantern red root', referring to the resemblance of the root to a Chinese or Japanese flat lantern. A large, flat, red, winter radish, said to grow as heavy as 5 cattles (7 pounds) each. Needs rich, well-drained soil to do well. Sow out in summer, not in spring." (Meyer.)