

52568. PYRUS USSURIENSIS Maxim. Malaceæ. Pear.

From Yokohama, Japan. Seeds purchased from the Yokohama Nursery Co. Received February 28, 1921.

A Chinese pear stock recently discovered by Prof. F. C. Reimer, of the Southern Oregon Experiment Station, to be the most resistant to the blight which attacks and destroys the trees. (Adapted from *Yokohama Nursery Co., Descriptive Catalogue for 1920, p. 55.*)

For previous introduction, see S. P. I. No. 44051.

52569. EUGENIA UNIFLORA L. Myrtaceæ. Pitanga.

From Porto Alegre, Rio Grande do Sul, Brazil. Seeds presented by G. S. Froes. Received January 12, 1921.

The pitanga is the best of the Eugénias. It is grown to some extent in Florida and California, but it has not been given the attention it deserves. No horticultural varieties have been established, since the tree is rarely propagated vegetatively, although there is considerable variation among seedlings.

For previous introduction, see S. P. I. No. 37026.

52570. TAIWANIA CRYPTOMERIOIDES Hayata. Pinaceæ.

From Jamaica Plain, Mass. Plants presented by Prof. C. S. Sargent, director, Arnold Arboretum. Received March 1, 1921. Collected originally by E. H. Wilson.

The loftiest tree in the forests of Taiwan is the *Taiwania*, which rears its small moplike crown well above all its neighbors. The average height of this tree is from 150 to 180 feet, but specimens exceeding 200 feet are known. The trunk is sometimes as much as 30 feet in girth, quite straight, and bare of branches for 100 to 150 feet. It is a strikingly distinct tree, singularly like an old *Cryptomeria*; both trees suggest gigantic lycopods. In the dense forests the crown is small, dome shaped or flattened, the branches few and short, and one wonders how so little leafage can support so large a tree. When the top is broken by storms, the lateral branches assume an erect position. In the more open forest the branches are massive and wide spreading, the crown is oval or flattened, and on small trees the branchlets are often pendent. The *Taiwania* sheds its small branchlets as do *Cryptomeria*, *Cunninghamia*, and *Sequoia*. (Adapted from *Journal of the Arnold Arboretum, vol. 2, p. 35.*)

For previous introduction, see S. P. I. No. 46980.

52571 to 52573.

From Kulara, via Cairns, Queensland. Seeds presented by J. A. Hamilton. Received February 24, 1921. Quoted notes by Mr. Hamilton.

52571. MUSA sp. Musaceæ. Banana.

"Wild banana."

52572. PIPER sp. Piperaceæ. Pepper.

"Wild pepper seeds. A very ornamental vine with very good fruits; it likes rich alluvial soil and plenty of moisture in the growing season. Of course it will not stand much frost, but as it is uninjured by the few frosty nights here the plant should thrive in southern California."

Received as *P. bancroftii*, for which a place of publication has not yet been found.

52573. (Undetermined.)

"A pretty tree which grows in alluvial soil near creeks; it bears prolifically very acid fruits which make a good preserve."