

44660 to 44670—Continued.**44669.** QUERCUS VARIABILIS Blume. Fagaceæ.**Oak.**

"Bought from natives, Anhwei, November 14 to 30, 1916. Chinese name *Ma li* (hemp chestnut)." (*Baillie.*)

A large tree, up to 25 m. (80 feet) in height, in mixed woods or forming pure stands at altitudes of 800 to 1,600 m. (2,600 to 5,200 feet) in central and western China. It has handsome, pale-gray, deeply furrowed bark, dark-green, crenately serrate leaves with bristlelike teeth, and almost sessile roundish acorns. This oak has proved hardy in Massachusetts and western New York. (Adapted from *Bailey, Standard Cyclopedia of Horticulture, vol. 5, p. 2885*, and from *Sargent, Plantæ Wilsonianæ, vol. 3, p. 219*, where it is doubtfully referred to *Q. variabilis.*)

44670. TRACHYCARPUS EXCELSUS (Thunb.) Wendl. Phenicaceæ. **Palm.**

"From open land in a vegetable garden, Chekiang, November 14 to 30, 1916. Obtained by forestry students of the university. Chinese name *Tsung lü* (tree whose bark furnishes clothes for poor people)." (*Baillie.*)

A tall, robust, unarmed palm, clothed by the old leaf sheaths, with large, fan-shaped, finely cut leaves which eventually become 4 or 5 feet wide. The flowers are small, clustered two to four on tubercles in the leaf axils, and the fruits are roundish drupes. This ornamental palm is native to China, but is cultivated in many places in Asia and will grow in the open in the southern United States as far north as Georgia. (Adapted from *Bailey, Standard Cyclopedia of Horticulture, vol. 6, p. 3362*, and from *Flore des Serres et des Jardins de l'Europe, vol. 22, p. 207.*)

44671 to 44673. ANNONA (CHERIMOLA \times SQUAMOSA) \times RETICULATA. Annonaceæ. **Cuatemoya.**

From Lamao, Philippine Islands. Cuttings presented by Mr. P. J. Wester, horticulturist in charge of the Lamao Experiment Station. Received May 7, 1917.

The following hybrids were obtained by the pollination of an atemoya (*A. cherimola* \times *squamosa*) by a custard-apple (*A. reticulata*). The fruit is well shaped but rather small, about the size of a sugar-apple, with a yellowish green, almost glabrous surface, very thick, tough skin, and white, tender, melting, juicy, subacid, aromatic flesh of excellent flavor. (Adapted from *Wester, Philippine Agricultural Review, February, 1914.*)

44671. No. 3685-1.**44673.** No. 3685-16.**44672.** No. 3685-2.**44674 and 44675.** PYRUS spp. Malaceæ.**Pear.**

From Ningpo, China. Cuttings obtained by Rev. L. C. Hylbert, American Baptist Mission, through Rev. G. W. Sheppard, English Methodist Mission. Received May 3, 1917.

These cuttings were sent in response to a request for propagating material of certain pear trees from the island of Chusan which produce immense fruit. Mr. Hylbert reports that "the cuttings were secured from a gentleman's garden and are said to be beyond price."

44674. No. 1.**44675.** No. 2.