

*Acer argutum* Maximowicz. (Aceraceae.) 43676. Seeds of a maple from Jamaica Plain, Mass. Presented by the Arnold Arboretum and selected by Mr. H. C. Skeels and Dr. W. Van Fleet, of this Department. A small deciduous maple, with erect branches, and doubly serrate leaves from 2 to 4 inches in length. The greenish-yellow flowers are produced in April before the leaves, and the keys are born in hanging racemes. This tree is a native of the mountain woods of Japan, and makes an elegant appearance, with its pale green leaves in summer and its purplish brown branches in winter. (Adapted from W. J. Bean, Trees and Shrubs Hardy in the British Isles, vol. 1, p. 135.)

*Annona cherimola* Miller. (Annonaceae.) 43485. From Duenas, Depto. Sacatepequez, Guatemala. Collected by Mr. Wilson Popenoe, Agricultural Explorer. "Budwood of an unusually choice variety of cherimoya, or anona as it is called here, from a garden in the village of Duenas, about 10 kilometers from Antigua. The cherimoya is very common in this region, which lies at an elevation of about 5200 feet. There is great variation in the shape and character of the fruit, and the trees seem to vary in productiveness. Most of them bear very few fruits. The tree from which this budwood was taken has a trunk about a foot in diameter, but at a distance of ten feet from the ground the top has been removed, probably two years ago, and the sprouts which are to form the new top are now about 6 feet long. There are a good number of these sprouts and they are now in bearing, producing, altogether, more fruit than is usually borne by the ordinary tree of mature size, which has a crown 10 to 20 feet broad, and a vastly greater amount of fruiting wood. Whether the productiveness of this variety is an inherent characteristic, or whether it has been induced by topping the tree, I am unable to determine, but on the chance that it may be inherently a heavy bearer I have secured budwood for propagation and trial in Florida and more especially in southern California, where cherimoya culture could undoubtedly be developed into a horticultural industry if prolific and otherwise desirable varieties were obtainable. The fruit of this variety is of good size and excellent appearance. It varies from 3 to 7 inches in length, and from about 6 ounces to nearly 3 pounds in weight. In form it is uniformly conical, blunt at the apex and the surface is nearly smooth, the carpellary areas being indicated by raised lines.