

Aleurites trisperma (Euphorbiaceae), 45480. **Soft lumbang** From Philippine Islands. Presented by Mr. Adn. Hernandez, Director of Agriculture, Manila, P. I. "**Soft lumbang** is one of the Philippine names given to this species to distinguish it from the true lumbang, *Aleurites moluccana*. It is a strictly tropical species of very limited distribution and is reported to fruit rather irregularly. The shell of the seed is much thinner and more easily broken than that of *A. moluccana*, and the oil obtained from the kernel is said to be very similar in drying properties to that of *A. fordii*, the tung oil tree of China." (R. A. Young.)

Annona maregravia (Annonaceae), 45231. From Caracas, Venezuela. Presented by Mr. Henri Pittier, Director, Estacion Experimental y Catastro de Baldios. A tree with the trunk, form of the branches and color of the bark resembling those of the orange, but with different leaves, flowers and fruit. Its leaves are about one-half foot long, deep green and glossy above, pale green beneath, and tongue-shaped. The yellow flower is large and conspicuous, and has a sickening sweet odor. It is followed by the fruit, which ripens in December and January. This fruit, which is conoid in shape and about 5 inches in greatest diameter, is green and white mixed, or pale green on the outside, and the surface is areoled, with a brown tubercle on each areole. Not until the fruit falls of its own accord is it eaten, and then it is so soft that it can be peeled with the fingers. The yellowish pulp has an odor like fermenting bread dough, to which honey has been added, with a sweetish subacid and somewhat bitter taste. The seeds are oval, golden yellow and glossy, smooth and hard. This tree is a native of Brazil and Venezuela. (Adapted from Safford, Contributions from the National Herbarium, vol. 18, part 1, pp. 25-28, from Pisco and Marcgrave's description of the Brazilian "*araticu ponhe*", in 1648.)

Castanea crenata (Fagaceae), 45334. **Chestnut**. From Bell, Maryland. Presented by Dr. W. Van Fleet, of this Bureau. Bell No. 1. Fourth generation by straight selection. Started by a variety cross between two early, prolific types of *C. crenata*. Very large nut, with good cooking qualities, but poor eating qualities when raw. The tree has a good habit, with thin, handsome branches. The trunk is clean and bright. Leaves very narrow. Dr. Van Fleet has about 40 trees of this selection.