

disease on one of the main branches of the tree imposed, it was examined on July 16, 1915, by Dr. C. L. Shear of this Bureau and pronounced entirely free from the disease. It is now at eight years from seed bearing a few fruits. (Fairchild).

*Chalcas exotica* (L.) Millspaugh. (Rutaceae.) 40392. Seeds of the orange jessamine from the Hongkong Botanical Garden. Presented by Mr. W. J. Tutcher, Superintendent, Botanical and Forestry Department. "The orange jessamine is commonly grown in greenhouses on account of its abundant and very fragrant flowers. These are often to be seen along with the mature red fruits, which makes a striking contrast with the panicles of white flowers and delicate foliage. The root-growth of this species is remarkably vigorous under greenhouse conditions. Lemons can be budded on it, and make a rapid growth. It is being tested as a stock for the common citrus fruits in situations in which a vigorous root system is desired." (Swingle, in Bailey, Standard Cyclopaedia of Horticulture). In south Florida it makes a beautiful evergreen bush especially well adapted for use in formal gardens.

*Clematis tangutica* (Maxim.) Korsh. (Ranunculaceae.) 40570. Plants of a clematis from the Hon. Vicary Gibbs, Elstree, Herts, England. "A species closely allied to, or perhaps a variety of *C. orientalis*, growing eight to ten feet high; stems slightly downy. Leaves grey-green, like those of *C. orientalis*, but downy when young; leaflets raggedly toothed, and sometimes two or three lobed. Flowers rich yellow, solitary, on downy stalks three to six inches long; sepals nearly two inches long, narrowly ovate, long and slenderly pointed, downy outside and at the edges. Seed-vessels crowned with long-feathered styles. Native of central Asia, introduced to Kew from St. Petersburg in 1898. It is the handsomest yellow-flowered clematis in cultivation, the finest flowers being about four inches across. It differs from *C. orientalis* in the larger flowers, and in the downy stems, flower-stalks, etc. It is a superior plant." (W. J. Bean, Trees and Shrubs Hardy in the British Isles, vol. 1, p. 367.) Specimens have flowered at Compton, in the arboretum of Mr. John T. Morris, Chestnut Hill, Pennsylvania.

*Cotoneaster* sp. (Malaceae.) 40574-579. Plants of six species of cotoneasters from the Hon. Vicary Gibbs, Elstree, Herts, England. Among these are a number of the new Chi-