

should be referred to *C. tetrameria*. The latter may be planted in regions where the former succeeds, i. e., in California and Florida." (Wilson Popenoe.)

Cassia sp. (Caesalpiniaceae), 55049. From Szemao, Yunnan, China. Seeds collected by J. F. Rock, Agricultural Explorer of the Bureau of Plant Industry. "(No. 2827. Szemao, Yunnan. March 11, 1922.) A deciduous tree 40 to 50 feet in height, found in the foothills of Szemao at an altitude of 5,000 feet. During March the tree is one mass of large, deep-pink flowers which are 2 inches across and borne in short racemes all along the branches. It is a most striking tree and can be seen from quite a distance. It is very different from *Cassia nodosa* which is evergreen, and from *C. bakeriana* which occurs in northern Siam." (Rock.)

Ceratonia siliqua (Caesalpiniaceae), 54977 and 54978. **Carob.** From Valencia, Spain. Pods presented by J. D. Wright. Quoted notes by Mr. Wright. "Carob pods obtained from 'Masia de Momo' the estate of Sr. Pelerin Contell, near Valencia, Spain, March 29, 1922." 54977. "'Matalafera.'" Pods of this quality are borne by Sr. Contell's best trees, including his big tree 'El Capitan.'"

This is the variety most extensively cultivated in this region and is very generally used for grafting nursery seedlings and in forming new plantations. The tree is of medium size, with smooth and straight branches, the ramifications of which are thrown out almost at right angles. The leaves are comparatively large and very dark green, and the pods, of a deep chestnut shade bordering on black, are large and wide and attain 8 inches in length. Although of excellent appearance, they are not considered as good as the red varieties, being lighter in weight and possessing less pulp. The crop of this variety, however, is the most constant and abundant of all carobs known to Valencia agriculturists. (Adapted from note by Robert Fraser, American Consul, under S.P.I. No. 30914.)

54978. "'Roches.'" The pods of this variety are very sweet, but are not borne as abundantly as are those of the 'Matalafera.'"

Ceratonia siliqua (Caesalpiniaceae), 55448-55450. **Carob.** From Jerusalem, Palestine. Cuttings presented by I. Wilkanski, Jewish Agricultural Experiment Station. Quoted notes by Mr. Wilkanski.