

54460. ACTINIDIA CHINENSIS Planch. Dilleniaceæ. **Yang-tao.**

From Indio, Calif. Seeds presented by Bruce Drummond. Received December 2, 1921.

For previous introduction, see S. P. I. No. 46864.

54461. TITHONIA DIVERSIFOLIA (Hemsl.) A. Gray. Asteraceæ.

From Peradeniya, Ceylon. Seeds presented by M. Kelway Bamber, secretary, Ceylon Agricultural Society. Received November 3, 1921.

"Seeds of *Tithonia diversifolia* (Singhalese: *Natha-Suriya*, wild sunflower). The plant grows wild." (Bamber.)

For previous introduction, see S. P. I. No. 54458.

54462 to 54464.

From Honolulu, Hawaii. Seeds presented by Dr. H. L. Lyon, in charge, Department of Botany and Forestry, Experiment Station of the Hawaiian Sugar-Planters' Association. Received November 14, 1921.

54462. BAUHINIA VARIEGATA L. Cæsalpiniaceæ.

"A very handsome tree from India, Siam, Burma, China, and Java, of medium size and well adapted for street and ornamental planting. It has thick, somewhat heart-shaped leaves, and bears, in few-flowered corymbs, purplish red and yellow flowers about 2 inches long and half as broad. It is tropical in its requirements and suitable for cultivation in the United States in the southernmost part of Florida only." (*Wilson Popenoe.*)

For previous introduction, see S. P. I. No. 53568.

54463. CASSIA SIAMEA Linn. Cæsalpiniaceæ.

A medium-sized or sometimes a large tree, with gray, nearly smooth bark, papery, glabrous leaflets, and large, pyramidal, terminal panicles of small yellow flowers. The tree is probably native to Burma and is cultivated throughout India and many tropical countries for its hard heavy wood which is quite durable. The heartwood is dark brown to nearly black in stripes of dark and light; it is used for mallets, walking sticks, for building, and for fuel. (Adapted from *Rock, Leguminous Plants of Hawaii, p. 81.*)

For previous introduction, see S. P. I. No. 51813.

54464. ERYTHRINA VARIEGATA Stickm. Fabaceæ.

"Seeds from the University of Hawaii." (*Lyon.*)

54465 and 54466. GOSSYPIUM spp. Malvaceæ. **Cotton.**

From Ebolowa, Kamerun, Africa. Seeds presented by Fred Hope, superintendent, Frank James Industrial School. Received November 21, 1921.

"I took a trip some time ago and saw a lot of these plants and was surprised to learn that some of them were the size of young orange trees when commencing to bear. I should say the stalk was 4 inches in diameter. The branches in many cases had a spread of 10 feet. One tree was 8 years old, and the owner says he expects many more crops from the tree. Another that I saw, the largest, had a spread of 12 feet." (*Hope.*)

54465. Kidney cotton.

54466. Wild cotton.

54467. TRIFOLIUM PRATENSE L. Fabaceæ. **Red clover.**

From Salisbury, England. Seeds purchased from the Dunns Farm Seeds, Ltd., through Prof. R. G. Stapledon, Welsh Plant-Breeding Station, Aberystwith. Received December 9, 1921.

"*Dorsset Marl-Grass Double-Cut red clover.* This is the most genuine strain and possesses the strongest vitality of any of the red clovers grown in this country." (*Dunns Farm Seeds.*)