

may weigh over 100 pounds. These fruits, which are borne on the trunk and older branches, are usually irregularly oblong and are always green, with the rind consisting of somewhat hexagonal knobs. When ripe the fruits have a powerful odor, and the stronger the latter the better the quality of the fruit. With the exception of the rind and core, the entire fruit is eaten, the white or cream-colored, soft, flaky pulp being used either raw, or boiled and fried. The large seeds are roasted and used in curries.

The timber of this tree is excellent for cabinetwork; it is lemon yellow at first, turning darker with age. (Adapted from *Macmillan, Handbook of Tropical Gardening and Planting*, p. 127.)

For previous introduction, see S. P. I. No. 40825.

51013 to 51015.

From Guayaquil, Ecuador. Seeds presented by James Birch Rorer, Asociación de Agricultores del Ecuador. Received July 3, 1920. Quoted notes by Mr. Rorer.

51013. *ANNONA CHERIMOLA* Mill. Annonaceæ. Cherimoya.

"(No. 32.) *Cherimoya de la Sierra* is listed by Martinez in his Flora of the Province of Tunguragua as *Annona cherimola*, and he also states that this fruit is believed to be a native of the Province of Loja. It grows well at 5,000 to 7,000 feet altitude and ought to do well in Florida. The fruit is quite smooth on the outside, but is white within and has a flavor similar to the tropical sugar-apples."

For previous introduction, see S. P. I. No. 47318.

51014. *ANNONA RETICULATA* L. Annonaceæ. Custard-apple.

"(No. 33.) Cherimoya; a large and very rough-skinned form."

For previous introduction, see S. P. I. No. 49289.

51015. *ANNONA SQUAMOSA* L. Annonaceæ. Sugar-apple.

"(No. 34.) Cherimoya; this form has a somewhat smooth skin."

For previous introduction, see S. P. I. No. 49290.

51016 to 51021. *ELAEIS GUINEENSIS* Jacq. Phœnicaceæ. Oil palm.

From Buitenzorg, Java. Seeds presented by the director, Plant-Breeding Station. Received July 3, 1920.

The following varieties are selected forms of different origin.

For general description, see S. P. I. No. 47124.

51016. (No. 6.) Variety *Nsombe B*. From Belgian Kongo.

For previous introduction, see S. P. I. No. 47307.

51017. (No. 8.) Variety *Nsombe C*. From Belgian Kongo.

For previous introduction, see S. P. I. No. 47305.

51018. (No. 11.) Variety *Singapore A*. From Singapore.

51019. (No. 13.) Variety *Banga*. From Kamerun.

For previous introduction, see S. P. I. No. 47504.

51020. (No. 23.) Variety *Iassombe*. From Kamerun.

51021. (No. 30.) Variety *Bundi C*. From Belgian Kongo.

For previous introduction, see S. P. I. No. 47306.