

origin but grown in Chile from colonial days. Being acclimated to this climate and accustomed to grow semi-dry to dry, in poor arid soils, it is better suited for American introduction than direct from the rich soil and moisture conditions of the tropics." (Husbands.) For distribution later.

FICUS UTILIS. (Urticaceae.) 29359. Seeds from East Africa. Presented by Mr. O. W. Barrett, late Director of Agriculture, Lourenco Marques, Portuguese East Africa. "A medium sized tree of the open bush from Zululand to Somaliland; prefers sandy soil. Almost evergreen except in long droughts. Thick bark used, when beaten out, for bags, clothing, etc.; appears to wear well. Tree roots well from cuttings. Fruit worthless. Shironga name, M'Pam'ah." (Barrett.) The beaten bark resembles the Tapa of Pacific islanders. "A flat-topped or rounded tree, single-stemmed by nature, but often cultivated to the extent of being cut off at the ground so as to produce four to six clean young coppice branches without knots and of rapid growth, from which to obtain fiber, which after preparation is used as cloth. This preparation consists merely of beating and washing the fresh bark. The fiber is not spun or woven. This is the source of all the native cloth in the M'Chopes district. The manufacture of cloth from this tree is confined to M'Chopes, and these cloths are carried to neighboring districts and sold, where the tree itself is abundant, but only used for rough cordage or for caoutchouc. This latter product is yielded abundantly but is of low quality and value. The preference of M'Chopes cloth I can only account for by the local knowledge of the art of coppicing, and the suitable stems produced thereby." (Extract Sim: Forest Flora of Portuguese East Africa, p. 100.) For distribution later.

GARCINIA SP. (Clusiaceae.) 29362. Seeds of bitter kola from Ibadan, Southern Nigeria, West Africa. Presented by the Curator of the Agricultural Department. "Vernacular names: Efrie (Uwet, McLeod); Bitter Kola; False Kola; Male Kola; Orogbo Kola-nut. Tree grows 10 to 30 feet high. Leaves about 6 inches long, 3 inches broad, shining above, pale beneath. Mature fruit about 3 inches long and $2\frac{1}{2}$ inches across, with remains of the styles at the apex and of five imbricate sepals at the base. Rind apricot-colored, resiniferous, covering a juicy, orange, acid pulp. Mature seeds $1\frac{1}{2}$ inches long, $\frac{3}{4}$ inch across, obtuse at both ends, with a brown parchment-like coat. According to Milton (Journ. Bot. iv. 1875, p. 65), the newly dried nuts are esteemed by the natives as a remedy in cases of cough, and are said to improve the voice of the singer. The bitter principal is agreeable and free from the astringency of the common red and white Colas, and it imparts to water a pleasant sweet taste. The Bitter Kola is also said to be a