

**36979 to 36983—Continued.**

- 36979 and 36980.** *HOLCUS SORGHUM* L. Sorghum.  
(*Sorghum vulgare* Pers.)
- 36981.** *HOLCUS HALEPENSIS* L. Johnson grass.  
(*Sorghum halepensis* Pers.)
- 36982.** *HOLCUS SORGHUM* L. Sorghum.  
(*Sorghum vulgare* Pers.)
- 36983.** *PENNISETUM GLAUCUM* (L.) R. BROWN. Pearl millet.  
(*Pennisetum typhoideum* Rich.)

**36984.** *MUSA* sp. Banana.

Collected by Dr. H. L. Shantz, of the Bureau of Plant Industry, in 1913, on the plantation of Mr. E. Z. Blackman, Miami, Fla. Received January 13, 1914.

"The plant is about 10 feet high and the fruit about 5 feet from the ground. It is thought that these plants may be the result of early importations made by the United States Department of Agriculture from the Philippines." (*Shantz.*)

**36985 and 36986.**

From Hongkong, China. Presented by Mr. W. J. Tutcher, superintendent, Botanical and Forestry Department. Received January 15, 1914.

- 36985.** *FORTUNELLA HINDSII* (Champ.) Swingle. Hongkong kumquat.  
(*Atalantia hindsii* Oliver.)

"A shrub with compressed branchlets, ovate-elliptical, leathery leaves  $1\frac{1}{2}$  to 3 inches long, bearing small flowers in axillary clusters, followed by small orange-colored fruits." (*Tutcher.*)

*Distribution.*—Found on the wooded hills in the vicinity of Hongkong, China.

"The Hongkong kumquat (*Fortunella hindsii*) differs from the round kumquat (*F. japonica*), the oval kumquat (*F. margarita*), and the Meiwa kumquat (*F. crassifolia*) in a number of morphological characters, some of them of decided taxonomic significance in this group. It may be regarded as constituting a new subgenus.

"*Protocitrus* Swingle. Differs from *Eufortunella* (1) in having the ovary hypomerous (3 or 4 celled, not 5 celled); (2) in the ovary wall of the mature fruits having on the inside between the stalks of the pulp vesicles a number of minute wartlike pale-yellow, cellular masses; (3) in having the dissepiments of the fruit dry and the peel thin and not very fleshy; (4) in having shorter, broader, more brachytic flowers; (5) in having leaves with the veins more prominent on both faces, and less pallid below.

"The two most important characters distinguishing the subgenus *Protocitrus* from *Eufortunella* are the few-celled ovary and the dimorphic *emergencen* from the ovary wall of the fruit, viz, ordinary pulp vesicles and verruciform tufts of loosely aggregated more or less colored cells.

"The Hongkong kumquat, which, as already indicated, is the sole species of the subgenus *Protocitrus*, may be described as follows:

"A spiny shrub or small tree; twigs slender, angled when young; leaves oval-elliptical, tapering sharply at both ends, dark green above and faintly venose, paler and venose below; petioles winged, often merging into the lamina of the leaf without a separative joint. Flowers short,