

**51779 and 51780—Continued.**

heart-shaped, glossy green leaves 5 inches long, and small hard-shelled nuts inclosed in fleshy, hairy, green involucre. (Adapted from *Gardeners' Chronicle, third series, vol. 40, p. 256.*)

For previous introduction, see S. P. I. No. 49194.

**51780.** Variety *pyramidalis*. A form of more compact, conelike habit.

**51781 to 51785.**

From Coban, Guatemala. Seeds presented by Gustav Helmrich. Received November 2, 1920.

**51781.** *PANICUM GLUTINOSUM* Swartz. Poaceæ. Grass.

"A grass growing in woods from Cuba and Mexico to southern Brazil, originally described from Jamaica. In Brazil called 'graminha do matte' and considered the best of shade grasses. In the West Indies known as 'ginger grass' and 'burr.'" (C. V. Piper.)

For previous introduction, see S. P. I. No. 49450.

**51782.** *PANICUM LAXUM* Swartz. Poaceæ. Grass.

A more or less spreading grass with simple or sparingly branched culms 40 to 100 centimeters high. Native to the savannas and open woods of Mexico, the West Indies, and south to Paraguay. (Adapted from *Contributions from the National Herbarium, vol. 15, p. 115.*)

For previous introduction, see S. P. I. No. 38041.

**51783.** *PASPALUM HUMBOLDTIANUM* Fluegge. Poaceæ. Grass.

"A handsome perennial grass producing strong scaly rootstocks, with tufted culms, 40 to 80 centimeters high, erect from a woody, decumbent base. The nodes are densely bearded with upwardly appressed white hairs; the flat, spreading blades, 8 to 18 centimeters long and 8 to 15 millimeters wide, are slightly narrowed toward the base into a stiff point. The margins are usually stiffly fringed with hairs, and the panicles, 10 to 15 centimeters long, are of pale, lax, spreading spikelets, beautifully fringed with long white glistening hairs. Native to rocky ground on the highlands from central Mexico to Argentina." (Agnes Chase.)

For previous introduction, see S. P. I. No. 51096.

**51784.** *PENNISETUM DURUM* Beal. Poaceæ. Grass.

"*Kul-aj* (reed of cow). Very good fodder, native to Guatemala." (Helmrich.)

**51785.** *RHYNCHOSPORA* sp. Cyperaceæ. Sedge.

"*Cok-see* (little cutting grass)." (Helmrich.)

**51786 to 51791.**

From Bogota, Colombia. Seeds collected by Wilson Popenoe, Agricultural Explorer of the United States Department of Agriculture. Received November 10, 1920. Quoted notes by Mr. Popenoe.

**51786.** *BEFARIA PHILLYREAEFOLIA* Benth. Ericaceæ.

"(No. 488a. October 14, 1920. Herb. No. 1152.) From the mountains near Sibate, Cundinamarca, at an altitude of about 9,000 feet. A bushy shrub about 5 feet high, with handsome tubular flowers, deep rose-pink in color and about 1 inch in length."

**51787.** *BERBERIS RIGIDIFOLIA* H. B. K. Berberidaceæ. Barberry.

"(No. 492a. October 14, 1920. Herb. No. 1118.) From the mountains near Sibate, Cundinamarca, at an altitude of about 9,000 feet. A thorny shrub about 6 feet high, with small leaves, small deep-yellow flowers, and oval black fruits about one-fourth of an inch long. An attractive ornamental shrub, recommended for trial in the South and on the Pacific coast."

**51788.** *ILEX* sp. Aquifoliaceæ.

"(No. 494a. October 14, 1920. Herb. No. 1151.) From Sibate, Cundinamarca, altitude about 8,600 feet. A small tree wild in this region and considered worthy of trial as an ornamental plant. It has oval leaves