

## 49443 to 49456—Continued.

49443. *ALPINIA* sp. Zinziberaceæ.

"(No. 282a. Tucuru, Alta Vera Paz. January 19, 1920.) From Chama, Alta Vera Paz. A plant which resembles *Alpinia nutans* in foliage and produces close to the ground large numbers of bright-red fruits about an inch long, containing small hard seeds surrounded by a mucilaginous pulp, much used by the Kekchi Indians as an ingredient of soups and stews. Kekchi name *tzih*."

49444. *AMARANTHUS* sp. Amaranthaceæ.

"(No. 283a. Tucuru, Alta Vera Paz. January 19, 1920.) From the Finca Mocca; altitude 3,500 feet. An annual cultivated in Alta Vera Paz for its small black seeds, which are toasted and ground and used to make sweetmeats. The plant grows about 3 feet high and bears crimson flower heads."

49445. *GYNANDROPSIS SPECIOSA* (H. B. K.) DC. Cappariaceæ.

"(No. 281a. Tucuru, Alta Vera Paz. January 19, 1920.) Presented by Harry Johnson. An annual about 3 feet high with red flowers."

49446. *HOMOLEPIS ATURENSIS* (H. B. K.) Chase. Poaceæ. Grass.  
(*Panicum aturense* H. B. K.)

"(No. 273a. Tucuru, Alta Vera Paz. January 19, 1920.) A good pasture grass from the Finca Los Alpes; altitude 3,000 feet. It grows about 15 inches high and is said to be very nourishing."

49447. *ISACHNE ABUNDINACEA* (Swartz) Griseb. Poaceæ. Grass.

"(No. 274a. Tucuru, Alta Vera Paz. January 19, 1920.) A pasture grass from Finca Mocca; altitude about 3,500 feet. Perhaps too tough to be of great value. It grows about 2 feet high."

49448. *LASIACIS OAXACENSIS* (Steud.) Hitchc. Poaceæ. Grass.  
(*Panicum oaxacense* Steud.)

"(No. 277a. Tucuru, Alta Vera Paz. January 19, 1920.) A tall grass (about 4 feet) from the Finca Mocca. It makes abundant foliage and loose heads of large seeds."

49449. *MANDEVILLA AURICULATA* (Pohl.) Schum. Apocynaceæ.

"(No. 279a. Tucuru, Alta Vera Paz. January 19, 1920.) Presented by Harry Johnson. A climbing plant from Chama, Alta Vera Paz, reaching a height of 30 feet. Its flowers are funnel shaped, 2 inches across the top, and creamy white with a strawberry-red throat."

49450. *PANICUM GLUTINOSUM* Swartz. Poaceæ. Grass.

"(No. 276a. Tucuru, Alta Vera Paz. January 19, 1920.) A grass found in the edges of the coffee plantation at Finca Mocca. It grows about 4 feet high."

49451. *PASPALUM VIRGATUM* L. Poaceæ. Grass.

"(No. 275a. Tucuru, Alta Vera Paz. January 19, 1920.) A tall grass from Finca Los Alpes. It makes coarse leaves and produces large heads of seed. It is not considered as good as some other grasses in this region."

For previous introduction, see S. P. I. No. 47050.

49452. *PASSIFLORA SERRATIFOLIA* L. Passifloraceæ.

"(No. 278a. Tucuru, Alta Vera Paz. January 19, 1920.) A vigorous climber from the hot country (low altitudes), producing round fruits