

21961. PANICUM PLANTAGINEUM Link.

From Biloxi, Miss. Grown by Prof. S. M. Tracy, season of 1907. Received January, 1908.

"Seed from a single plant growing with No. 19158, Natal grass, at Biloxi, Miss. A very promising grass for that locality." (*Piper*.)

21962. MEDICAGO SATIVA L.**Alfalfa.**

From Mecca, Cal. Presented by Mr. E. Brauckman, through Mr. J. M. Westgate. Received February 20, 1908.

"Seed from Arabian alfalfa, No. 12992, supposedly crossed with ordinary alfalfa which was grown alongside of it." (*Westgate*.)

21963 and 21964.

From Guatemala. Collected by Prof. W. A. Kellerman, Ohio State University, Columbus, Ohio. Presented through Dr. J. N. Rose, of the United States National Museum, Washington, D. C. Received February 20, 1908.

21963. DAHLIA IMPERIALIS Roehl.

"(Kellerman's No. 7072; Rose's No. 08/17.) Plants of this species found growing 18 feet high." (*Kellerman*.)

21964. BEAUCARNEA GUATEMALENSIS Rose.

"(Kellerman's No. 7029; Rose's No. 08/16.) Tree 6 to 12 meters high, with a thickened bulbous base abruptly tapering into a slender stem 5 to 8 centimeters in diameter; the swollen base covered with corky bark 6 centimeters thick; upper part of stem smooth, with very thin bark; leaves numerous, slightly roughened on both surfaces, clustered at the top as in the common cultivated *Beaucarnea*, erect (?), broad at base (40 to 50 millimeters), 10 to 15 millimeters broad above the base and gradually tapering upward into a long filiform top 60 to 80 centimeters long, the margin entire; the male inflorescence an open panicle, 60 to 90 centimeters long; female inflorescence not seen; fruit 15 millimeters long, strongly three winged; wings thin, 4 to 5 millimeters broad.

"Collected halfway up the side of the Sierra de las Minas, opposite El Rancho, Guatemala, April 10, 1905 (Kellerman's No. 4320).

"This species belongs with *B. incrimis* and *B. plibilis*, but the fruit is broader winged than the former and the leaves are broader than in the latter." (*Rose*.)

21965. TRICHILIA EMETICA Vahl.

From Pretoria, Transvaal, South Africa. Presented by Prof. J. Burt Davy, government agrostologist and botanist, Transvaal Department of Agriculture. Received February 24, 1908.

"This is one of our most ornamental evergreen shade trees, yielding an oil known as 'Maawa,' of which I understand there is some export from Portuguese East Africa to Marseille." (*Davy*.)

21966. CHAYOTA EDULIS Jacq.**Chayote.**

From St. Rose, La. Presented by Mr. Henry McCall. Received February 24, 1908.

"A large, smooth, light green and very prolific variety raised in Louisiana, but original source unknown. To be distributed to growers in the South with the object of encouraging its culture for the market." (*Fischer*.)

21967 to 22023.

From Peking, Chihli, China. Received through Mr. F. N. Meyer, agricultural explorer for this Department, at the Plant Introduction Garden, Chico, Cal., February 12, 1908.