

48802 to 48833—Continued.

48811. COMBRETUM ZEYHERI Sond. Combretaceæ.

"(No. 156. West of Pretoria. October 14, 1919.) Seed of large-fruited *Combretum zeyheri*. Probably the largest fruited species of the genus found in the bush veld of this region. It forms an attractive tree."

48812. COMBRETUM sp. Combretaceæ.

"(No. 135. Wonderboom, Pretoria. October 12, 1919.) Grows on dry land away from the river. Not as interesting as No. 134 [S. P. I. No. 48809]."

48813. CUCURBITA MAXIMA Duchesne. Cucurbitaceæ. **Pumpkin.**

"(No. 169. Johannesburg, Transvaal. October 17, 1919.) Seeds of the Boer pumpkin purchased in the market. For stock and table use."

48814. CUCURBITA PEPO L. Cucurbitaceæ. **Squash.**

"(No. 170. Johannesburg, Transvaal. October 17, 1919.) Vegetable marrow. *Long White* bush. Seeds purchased in the market. For table use, like a summer squash; may be fried also."

48815. ERAGROSTIS ABYSSINICA (Jacq.) Schrad. Poaceæ. **Teff.**
(*Poa abyssinica* Jacq.)

"(No. 166. Teff seed from The Colonial Seed Supply Co., Newton, Johannesburg. October 17, 1919.) Staple hay crop of the high veld. From what I have seen of teff I could almost write a book. It should be tried on the high Plains as far north as Montana. It is the most important plant next to corn in the Transvaal. It grows where there is summer rain; would probably be no good for the Southwest, except the high grasslands of the boundary region of Arizona and New Mexico, where it might do on the high mesas. But it should grow from Amarillo, Tex., to Judith Basin, Mont. When it does well it makes a wonderful hay crop."

48816. LINUM USITATISSIMUM L. Linaceæ. **Flax.**

"(No. 167. Johannesburg, Transvaal. October 17, 1919.) Seed purchased in the market. Standard flax of the high veld."

48817. OSYRIS ABYSSINICA Hochst. Santalaceæ.

"(No. 143. Wonderboom, Pretoria. October 12, 1919.) A most prized tannin plant. Try in summer-rain region, say Brownsville or San Antonio, Tex.; also Chico, Calif. It produces a leather of an especially desirable color, and if it could be produced would be in great demand as soon as its value became known to tanners. It would be especially valuable for fancy leathers."

48818. PENNISETUM CLANDESTINUM Hochst. Poaceæ. **Kikuyu grass.**

"(No. 174. Nelspruit, Transvaal. October 21, 1919.) Roots of kikuyu grass."

A perennial running grass which grows well on any soil and adapts itself to the varying climatic conditions of South Africa. It is a summer grass, but withstands a considerable degree of cold. In a wet winter it keeps green all the time, in spite of heavy frosts, and even makes some growth. In the spring it starts growing before the veld grasses. For drought-resistance kikuyu is great and has no rival. When the surrounding veld is dry and withered it remains green, giving one the impression of an irrigated field of forage. All kinds of stock