

15478. LILIUM LONGIFLORUM EXIMEUM. Easter lily.

Seed grown in the Department greenhouse by Mr. G. W. Oliver. Numbered September 2, 1905.

15479. LILIUM LONGIFLORUM EXIMEUM GIGANTEUM. Lily.

Seed grown in the Department greenhouse by Mr. G. W. Oliver. Numbered September 2, 1905.

15480 to 15583. ORYZA SATIVA. Rice.

From Tanga, German East Africa. Presented by Prof. Dr. A. Zimmermann, of the Kaiserliche Biologische Landwirtschaftliche Institut, Amani, in the spring of 1905.

A collection of native rice varieties. The notes are those given by Doctor Zimmermann.

15480.

From Pangani, in the hills, 700 meters high.

15481.

Plant from January to March. Grown in Pangani, Mgera, northerly; 1,000 meters high; river valley of the Luhigura (?).

15482.

From Pangani, Mohomorra, northward of Useguha Mountains; 400 meters high.

15483.

From Pangani Buguru, west of Useguha; altitude 600 meters; river valley of Msangazi.

15484.

From Pangani Bondei; altitude 300 meters.

15485. Busanga mixt with Kwindimba.

Glumes of *Busanga* are brown yellow; of *Kwindimba*, gray white. Kernel of *Busanga* is white; of *Kwindimba*, brown. From Lindi.

15486. Kwindimba.

From Lindi.

15487. Namaria.

From Lindi. Mixt with *Kwindimba*. Glumes brown; strong thick awn; kernel white with a reddish tinge.

15488. Mkemzuri.

From Lindi. Slender awn, white kernel. Glumes yellow gold.

15489. Mpingarra.

From Lindi. Glumes lighter than *Namaria* and *Mkemzuri*. Kernel white and large. Nos. 15485 to 15489 can be distinguished in cooking by specific odors. No one variety of soil is suitable for all conditions. In the valleys they are planted on moist or on sandy soils. In the high altitudes they are sown upon newly cleared land, but are uncertain and are dependent upon the rainfall.

15490. Nondo.

From Tanga district. Likes water.

15491. Sifala.

From Tanga district. Requires much water.

15492. Nzuruvendo.

From Tanga district. Requires much water.

15493. Sona.

From Tanga district. Requires much water.