

40352 to 40367—Continued. (Quoted notes by Mr. L. J. Keena.)

- 40362.** "Taken from a 25-ton shipment from the station of La Pereira, on the Central Argentina Railway."
40363. "Taken from a shipment of 50 tons from the station of Cayugueo, on the Central Argentina Railway."
40364. "Taken from a shipment of 50 tons from the station of Wildermuth, on the Central Argentina Railway."
40365. "Taken from a shipment of 200 tons from the station of Irigoyen, on the Central Cordoba Railway."
40366. "Taken from a 300-ton shipment from the stations of Pilar and Moisesville, on the Santa Fe Railway."
40367. "Taken from a 90-ton shipment from the station of Cruz, on the Central Argentina Railway."

40368. *ROSA SERTATA* Rolfe. Rosaceæ.**Rose.**

From Kew, England. Presented by Mr. Arthur W. Hill, assistant director, Royal Botanic Gardens. Received March 29, 1915.

For previous introduction and description, see S. P. I. No. 40193.

40369. *ZEA MAYS* L. Poaceæ.**Corn.**

From Santa Rosita, Guatemala. Presented by Mr. John J. Gruchy. Received March 31, 1915.

"In regard to weevil-proof corn, I regret to say that further experience shows the corn to which you refer to be not entirely weevil proof, although it is more resistant to the weevil than the ordinary flint corns here, probably owing to the fact that it has a much thicker skin. It is a native sweet corn discovered by me when endeavoring to improve a yellow flint corn cultivated here. It was of extremely mixed type, so that a single ear would often contain grains of four or five quite distinct types. As a starter, I separated my seed into lots belonging more or less to the different types represented, and planted them separately for comparison. For several seasons after the segregation new types kept appearing, many of them quite different from the original planting, and finally I observed in some ears scattering grains which looked like sweet corn. I secured two distinct ears of sweet corn, one yellow and the other of a reddish brown color. At this altitude, 4,800 feet, I believe it takes between four and five months to mature. The reddish strain has been lost and I doubt if it reappears. As a roasting ear it is quite sweet, but the skins are so thick that I spit them out. This characteristic is quite undesirable in a sweet corn, but possibly if it could be transferred by crossing to a dent corn, it might help to increase its resistance to weevil while still green in the field." (*Gruchy.*)

40370 to 40376. *SOJA MAX* (L.) Piper. Fabaceæ.**Soy bean.**

(*Glycine hispida* Maxim.)

From Wakamatsu, Iwashiro, Japan. Presented by Rev. Christopher Noss. Received March 27, 1915. Quoted notes by Mr. Noss.

- 40370.** "No. 33. *Hikagedaizu* (shade), produces in shady places; used for *miso*."
40371. "No. 34. *Dekisugidaizu* (excessive yield); used for *miso*."
40372. "No. 35. *Kurodaizu* (black); eaten boiled and sugared."
40373. "No. 36. *Nakatedaizu* (medium early); used for *miso*."