

## 53997 to 54016—Continued.

53998. "No. 1507 POJ (crossing of *Chunnee* seedlings)=213 POJ×369 POJ=(*Black Cheribon*×*Chunnee*)×(*Black Borneo*×*Chunnee*) made at the station in 1907."
53999. "No. 2631 POJ (direct *Chunnee* seedling)=*Kocsoemo*×*Chunnee*, made at the station in 1914."
54000. "No. 1410 POJ (direct *Chunnee* seedling)=*Black Cheribon*×*Chunnee*, made at the station in 1907."
54001. "No. 920 POJ (direct *Chunnee* seedling)=*Black Cheribon*×*Chunnee*, made at the station in 1905."
54002. "*Chunnee*, British India, imported in 1895."
54003. "*Zwinga*, Florida, imported in 1918."
54004. "No. 2690 POJ (cross between *Kassoer*,<sup>2</sup> and *Chunnee* seedlings)=2366×2011=(100×*Kassoer*)×(213 POJ×369 POJ), obtained in 1916."
54005. "No. 2655 POJ (diluted *Kassoer* seedlings)=2221 POJ×EK 28=(*Cheribon*×*Kassoer*)×EK 28. These seedlings are to a slight degree attacked by the yellow-stripe disease, but are of vigorous growth and are planted with good results in the factory fields."
54006. "*Yontanazan*, Formosa, imported in 1915. The adult canes and also the seedlings are tolerant to the mosaic disease."
- 54007 to 54009. "(Direct crossing with *Kassoer* type) *Black Cheribon* × *Kassoer*, obtained in 1911. Resistant to the yellow-stripe disease, but too slender for cane culture."
54007. "No. 2182 POJ."                      54009. "No. 2210 POJ."
54008. "No. 2206 POJ."
54010. "No. 1499 POJ (crossing of *Chunnee* seedlings)=385 POJ×181 POJ=(100 POJ×*Chunnee*)×(*Black Cheribon*×*Chunnee*) made at the station in 1907. The adult canes and also the seedlings are tolerant to the mosaic disease."
54011. "No. 1984 POJ (crossing of *Chunnee* seedlings)=213 POJ ×369 POJ=(*Black Cheribon*×*Chunnee*)×(*Black Borneo*×*Chunnee*). Made at the station in 1909. The adult canes and also the seedlings are tolerant to the mosaic disease."
- 54012 and 54013. (Direct crossing with the *Kassoer* type) 100 POJ ×*Kassoer*, obtained in 1911. Resistant to the yellow-stripe disease, but too slender for cane culture."
54012. "No. 2336 POJ."                      54013. "No. 2366 POJ."
54014. "No. 2688 POJ (crossing between *Kassoer* and *Chunnee* seedlings)=2366×2011=(100×*Kassoer*)×(213 POJ×369 POJ), obtained in 1916. This type shows immunity to the yellow-stripe disease, but is too slender for cane culture."
54015. "No. 2367 POJ (direct crossing with *Kassoer* type)=100 POJ×*Kassoer*, obtained in 1911. Resistant to the yellow-stripe disease, but too slender for cane culture."
54016. "No. 2233 POJ (direct crossing with the *Kassoer* type)=*Black Cheribon*×*Kassoer*, obtained in 1911. Resistant to the yellow-stripe disease, but too slender for cane culture."

<sup>2</sup>"*Kassoer* is a cane found by Doctor Kruger in a wild state on Mount Tjerimai in Java. This type is a spontaneous crossing of the wild *Saccharum spontaneum*; *S. officinarum* seedlings, obtained at our station by crossing the two botanical species, are of the same particular habit. All the types obtained are immune against the yellow-stripe disease. All seedlings got from *S. officinarum* are tolerant to the yellow-stripe disease."