

107192 to 107194. Gossypium spp. Malvaceae. Cotton.

From British Guiana. Seeds collected by W. A. Archer, Bureau of Plant Industry. Received in October and November 1934. Introduced for Department specialists.

107192. Gossypium sp.

No. 2504. September 8, 1934, from Koriabo, on the Barima River. Cultivated plants found growing in the dooryard of a deserted dwelling. A tree cotton with pale-yellow flowers, which grows from 6 to 20 feet high. It is probably a hybrid of *Gossypium peruvianum*.

107193. Gossypium sp.

No. 2618. October 15, 1934. Near Georgetown. A slender tree-like shrub 15 feet high, with green foliage and pale greenish-yellow flowers, each petal with a slight marking of purple near the inner base. Probably a hybrid of *Gossypium hirsutum* and *G. peruvianum*.

107194. Gossypium sp.

No. 2624. October 15, 1934. Near Georgetown. A hybrid of *Gossypium peruvianum*, which is a slender tree-like shrub about 20 feet high. The petals of the pale-yellow flowers are mottled with faint brown spots. The outside of the calyx is dark red, as are the veins on the lower side of the leaf, the petioles, and the stems.

107195 to 107255. Malus sylvestris Mill. Malaceae. Apple.

From the Union of Soviet Socialist Republics. Scions presented by the Michurin Research Institute of Fruit Production, through the Institute of Plant Industry, Leningrad. Received November 15, 1934.

Received under the following varietal names for Department specialists.

107195. *Antonovka Monastirskaia*.

107196. *Antonovka* 1½ pounds.

107197. *Antonovka Shafra*n.

107198. *Antonovka Zheltaia* (yellow).

107199. *Arkad Zimmii* (winter).

107200. *Belfer kitaika* (Chinese bell-flower).

107201. *Bellflower Phoenix*.

107202. *Bessemianka* (seedless).

107203. *Borsdorf Kitaika*.

107204. *Cecmpa Belfer Kitaika* (sister of Chinese bellflower).

107205. *Chelbi Kitaika*.

107206. *Chinese Shamparen*.

107207. *Danzigskoe Rebristoe* (ribbed Danzig).

107208. *Diana*.

107209. *Dushistii Ledenetz*.

107210. *Dvurogoe*.

107211. *Filia*.

107212. *Flava*.

107213. *Iamnoie*.

107214. *Izumrudnoie*.

107215. *Kalvil Anis*.

107216. *Kalvil Record*.

107195 to 107255—Continued.

107217. *Kandil Kitaika*.

107218. *Kistevoe*.

107219. *Kitaika Anisovaia*.

107220. *Kitaika Arkadovaia*.

107221. *Kitaika Dessertnaia*.

107222. *Kitaika Dessertnaia*.

107223. *Kitaika Zolotaia* (Chinese golden).

107224. *Komsomoletz*.

107225. *Korichnevoie* (brown).

107226. *Krasnii Shtandart* (Red standard).

107227. *Krasnoznamennoe*.

107228. *Kren Kitaika* (Chinese cream).

107229. *Kulon Kitaika*.

107230. *Oleg*.

107231. *Paradox*.

107232. *Phoenix*.

107233. *Pippin Chernenko*.

107234. *Pippin Chetvertii*.

107235. *Pippin Kitaika* (Chinese pippin).

107236. *Pippin Shafra*n.

107237. *Pomon Kitaika*.

107238. *Rebristoe*.

107239. *Renet Bergamotnii*.

107240. *Renet Reshatnikov*.

107241. *Renet Sakharnii*.

107242. *Repa Iubileinaia*.

107243. *Rosmarin Ukrainskii*.

107244. *Rubinovoi*.

107245. *Severnii Bujon*.

107246. *Severnii Bujon*.

107247. *Shamparen Kitaika* (Chinese Shafran).

107248. *Shafra*n Osennii.

107249. *Sinap Michurina*.

107250. *Sinap Michurina*.

107251. *Slovianka*.

107252. *Sovetskoie*.

107253. *Tayeshnoe*.

107254. *Titf*ler.

107255. *Zimnee Sladkoe* (winter sweet).

107256 and 107257.

From Arizona. Seeds presented by the Boyce Thompson Southwestern Arboretum, Superior, through F. J. Crider. Received April 9, 1932. Numbered in November 1934.

107256. ECHINOCEREUS RIGIDISSIMUS (Engelm.) Rose. Cactaceae.

A short stout cylindrical cactus, with 16 to 20 coarse stiff straight white to brown spines in each interlocking cluster. The spines form broad bands of brown and white around the surface of the plant. The large purple flowers are 3 inches long and as wide when fully expanded. Native to Arizona and New Mexico.