

62397 to 62509—Continued.

62493 to 62495. TRITICUM AESTIVUM L.
(*T. vulgare* Vill.). Poaceae.
Common wheat.

62493. No. 1177. Fzuchiawu. November 4, 1924. A winter wheat secured from the temple of Neptune.

62494. No. 1469. Peking. November 25, 1924. A winter wheat secured from Yung Ho Hseu.

62495. No. 1470. Peking. November 25, 1924. A spring wheat secured from Yung Ho Hseu.

62496 to 62504. VIGNA SINENSIS (Tornei)
Savi. Fabaceae. Cowpea.

62496. No. 1180. Fzuchiawu. November 4, 1924. A red or pink cowpea secured from the Neptune temple.

62497. No. 1239. Chihyukou. November 6, 1924. A red or pink cowpea growing at an altitude of 3,000 to 4,000 feet in rather heavy clay.

62498. No. 1263. Shihchiaying. November 7, 1924. A brown-eyed cowpea growing in rather heavy gravelly loam.

62499. No. 1298. Huangan. November 8, 1924. A brown-eyed cowpea.

62500. No. 1305. Huangan. November 8, 1924. This cowpea is mottled a light pink.

62501. No. 1368. Hsiamaling. November 10, 1924. A purple-eyed cowpea growing in friable soil.

62502. No. 1369. Hsiamaling. November 10, 1924. A pink cowpea growing in friable loam.

62503. No. 1459. Peking. November 25, 1924. A pink and white blotched cowpea secured from Yung Ho Hseu.

62504. No. 1462. Peking. November 25, 1924. A creamy brown cowpea mottled a darker brown.

62505 to 62509. ZEA MAYS L. Poaceae.
Corn.

62505. No. 1183. Fzuchiawu. November 4, 1924. A small, white flint corn showing a few grains of yellow; growing in a rather stiff clay loam.

62506. No. 1231. Chihyukou. November 6, 1924. A white flint corn growing in a rather heavy clay, at an altitude of 3,000 to 4,000 feet.

62507. No. 1232. Chihyukou. November 6, 1924. A heavy flint corn growing in a rather heavy clay, at an altitude of 3,000 to 4,000 feet.

62508. No. 1310. Huangan. November 8, 1924. A yellow flint corn growing in a friable loam.

62509. No. 1311. Huangan. November 8, 1924. A red flint corn. Three types, yellow, red, and white, are grown in this village.

62510 to 62512.

From Canton, China. Seeds collected by F. A. McClure, agricultural explorer, Bureau of Plant Industry. Received January 13, 1925. Notes by Mr. McClure.

62510. ALEURITES MONTANA (Lour.) Wilson. Euphorbiaceae. Mu-oil tree.

No. 3. October 25, 1924. *Tung Yau Shue* and *Muk Yau Shue*. Seeds col-

62510 to 62512—Continued.

lected from a tree growing in a public burying ground (Kung Yik Shan Chong), about 1½ miles from Wuchow, Kwangsi. There is said to be only one species of wood-oil tree grown in this region. The fruits of this species are obovate in form, with usually three ridges extending from the base, gaining in prominence as they approach the apex, where they join in a sharp point. The fruits are usually gathered in November and, after being husked and dried, are crushed in a crude ox-power grinder, consisting of a deep, circular stone gutter in which an iron wheel runs. The crushed nuts are then placed in a press, crudely fashioned from a log, and the oil expressed by means of wedges driven into place with a battering ram. The tree seems to grow equally well on all soils, from limestone to red sandy soil.

62511. PYRUS sp. Malaceae. Pear.

No. 21. Wuchow, Kwangsi. October 25, 1924. *Ka Sha Lei*, *Tong Lei Tsz*, and *Shan Cha Tsz*. Seeds from fruits brought to the market by natives who collected them in the wild. These rusty brown fruits, about the shape of a round apple and up to 3 centimeters in diameter, are pickled or eaten whole by the natives.

62512. THEA OLEIFERA (Abel) Rehd. and Wils. Theaceae.

No. 22. Tungon, Kwangtung. November 15, 1924. *Cha Tsai* and *Yau Cha*. Seeds secured by the assistance of Chan Hung On, who gives the following information: A tree 3 to 4 meters high, growing in the hills. It bears flowers and fruits all the year round, fruiting most abundantly in August. The flowers are white and fragrant. The oil, expressed from the seeds by the same process used to express the wood oil [see S. P. I. No. 62510], is used in cooking and by the women as a hair dressing, in which case perfume is often added.

62513 to 62518. ALEURITES MONTANA (Lour.) Wilson. Euphorbiaceae.

Mu-oil tree.

From Canton, China. Seeds collected by F. A. McClure, agricultural explorer, Bureau of Plant Industry. Received January 24, 1925. Notes by Mr. McClure.

62513. No. 4. October 25, 1924. *Tung Yau Shue* and *Muk Yau Shue*. Seeds from a tree found growing in a public burying ground (Kung Yik Shan Chong) about 1½ miles from Wuchow, Kwangsi. The same as No. 3 [S. P. I. No. 62510] in every respect except that the fruits were uniformly more pointed at the apex and the three ridges were sharper.

62514. No. 5. October 25, 1924. *Tung Yau Shue* and *Muk Yau Shue*. Seeds collected from a tree growing in a public burying ground (Kung Yik Shan Chong) about 1½ miles from Wuchow, Kwangsi. This tree was young, perhaps 4 years old, but was bearing very prolifically.

62515. No. 6. October 25, 1924. *Tung Yau Shue* and *Muk Yau Shue*. Seeds from a tree growing in the Christian Missionary Alliance compound across the river from Wuchow, Kwangsi. No record has ever been kept of the yield, but an estimate of 4 to 5 piculs (133 pounds) seems conservative.