

## 45263 to 45320—Continued.

**45309.** INDIGOFERA TINCTORIA L. Fabaceæ. **Indigo.**

“(No. 2442a. Hankow, Hupeh Province. June 14, 1917.) *Huai lan* (blue legume). A plant from which a blue dye is obtained; said to be grown on well-drained land. The seed is sown in April, and the twigs with leaves are harvested in August.”

**45310.** BRASSICA sp. Brassicaceæ. **Mustard.**

“(No. 2444a. Ichang, Hupeh Province. March 26, 1917.) *Chieh tzú*. A mustard said to be cultivated in the mountains of Szechwan, possibly as a summer crop, but perhaps also as a winter crop. See notes under No. 2393a [S. P. I. No. 45263] for suggestions.”

**45311.** CITRUS sp. Rutaceæ.

“(Ichang, Hupeh Province. March 22, 1917.) *P'ing t'ou kan* (flat-head mandarin). A peculiar variety of mandarin orange, of dark orange color and medium size, with heavy, loose, warty, and corrugated rind. Segments closely adhering to each other. Bitter-sweet taste; of tonic properties apparently. Some specimens contain far more seeds than others. Said to grow around Itu, on the Yangtze River, south of Ichang.”

**45312.** CITRUS sp. Rutaceæ.

“(Ichang, Hupeh Province. March 27, 1917.) *P'ao kan* (spongy mandarin). A large variety of mandarin orange, often over 4 inches in diameter; skin of bright orange color, somewhat wrinkled, but not very rough. Segments small, easily separated; seeds large and many. Taste sour and bitter. The fruits keep a very long time and are used as ornaments in rooms; the heavy rind is used in flavoring spirits. Said to be grown around Peisha, southwest of Ichang, and is considered one of the hardiest of all local varieties.”

**45313 and 45314.** CITRUS GRANDIS (L.) Osbeck. Rutaceæ. **Pummelo.**  
(*C. decumana* Murray.)

**45313.** “(Ichang, Hupeh Province. March 27, 1917.) A large pummelo of somewhat conical shape.”

**45314.** “(Ichang, Hupeh Province. March 27, 1917.) A pummelo of medium size; shape flattened, flesh juicy, sweet, and of good flavor; contains few seeds.”

**45315.** CITRUS sp. Rutaceæ.

“(Ichang, Hupeh Province. March 21, 1917.) *Shih t'ou kan* (lion's head mandarin) or *Nai t'ou kan* (nipple-head mandarin). A large and heavy mandarin orange, of round-oblong shape, often with a neck close to the peduncle. Skin very warty and rough, deep orange in color; it separates very easily from the segments, which are also easily separated; seeds large, not many. Taste bitter and sour; used only medicinally by the Chinese. Said to be cultivated around Yitoo (or Itu) on the Yangtze River. About 40 different varieties of citrus fruits are said to be in cultivation in the region around Ichang; many of these are quite local products, and it seems that extensive hybridization has taken place between many species of citrus and crossing between various varieties.”

**45316.** ORYZA SATIVA L. Poaceæ. **Rice**

“(No. 2398a. Hankow, Hupeh Province. June 7, 1917.) *No mi ku* (sticky rice grain). A glutinous variety of rice, said to ripen early