

## 105584 to 105645—Continued.

105643. *VIBURNUM* sp.

No. F. 100. Collected September 17, 1933, at 6,500 feet altitude near Ling Wang Shan, San Kiang Hsien. A tree about 10 feet high, with small globose red edible fruits.

105644. *VITIS* sp. Vitaceae.

*Pu Tao*. No. F. 91. Collected October 23, 1933, at Ch'ang An, Yung Hsien. A vine with black globose fruits.

105645. *WISTARIA* sp. Fabaceae.

No. F. 102. Collected October 20, 1933, in a valley at 1,100 feet altitude near Ta Tseh Tsuen, Yung Hsien. A vine with pods over 5 inches long and less than half an inch wide.

## 105646 to 105652.

From China. Seeds presented by H. H. Chung, Wu-Han University, Wuchang, Hupeh. Received May 9, 1934.

Nos. 105646 to 105648 were collected in the Lushan Mountains, Kiangsi Province, by H. H. Chung and S. C. Sun.

105646. *ACER* sp. Aceraceae. Maple.105647. *CEPHALOTAXUS FORTUNEI* Hook. Taxaceae. Chinese plum-yew.

A small tree up to 30 feet high, native to central China. The linear leaves, 2 to 3 inches long, spread nearly horizontally and are glossy green above with two pale bands beneath, and the ovoid purple fruits are 1 inch long.

For previous introduction see 100521.

105648. *CORNUS* sp. Cornaceae.105649. *EUCOMMIA ULMOIDES* Oliver. Trochodendraceae. Tu-chung.

*Shih mien shu*. Collected in Hupeh Province by S. C. Sun. A tree which reaches a height of 80 feet and seems to grow best when sheltered by other trees. It is native to the southwestern part of China. The native name means stone cotton tree, in reference to the rubber-like threads of shining whitish color which appear when the pieces of bark or leaf are snapped across.

For previous introduction see 98370.

Nos. 105650 to 105652 were collected in the Lushan Mountains, Kiangsi Province, by H. H. Chung and S. C. Sun.

105650. *LIRIODENDRON CHINENSE* (Hemsl.) Sargent. Magnoliaceae. Chinese tuliptree.

An ornamental deciduous tree up to 50 feet high, native to central China. The leaves, 5 to 6 inches long, have four acute or acuminate lobes, rounded or slightly cordate at the base; the lilylike flower is about 2 inches long. This variety is somewhat more tender than our native species, *Liriodendron tulipifera*.

For previous introduction see 104206.

105651. *NYSSA SINENSIS* Oliv. Cornaceae.

A deciduous shrub or small tree about 20 feet high, with oblong-elliptic, membranous leaves 4 to 6 inches long, inconspicuous flowers, and ovoid blue fruits about one-half inch long. The leaves become brilliant red in autumn. It is native to western China.

## 105646 to 105652—Continued.

105652. *SASSAFRAS TZUMU* Hemsl. Lauraceae.

The Chinese sassafras is common in moist woods in western Hupeh, China, where it becomes a handsome tree sometimes 100 feet tall with horizontal branches. The yellow flowers are produced in great quantity in early spring before the leaves unfold; the globose fruits are black with a glaucous bloom.

## 105653 to 105660.

From the Belgian Congo, Africa. Seeds presented by J. B. H. Lejeune, Director, Government Agronomic Station, Kisozi, Territories of Ruanda-Urundi, Received May 11, 1934.

105653 to 105655. *CROTALARIA* spp. Fabaceae.105653. *CROTALARIA INCANA* L.

A tropical American plant about 3 feet high, somewhat shrubby, and softly pubescent. The yellow flowers are in dense racemes 2 to 8 inches long.

105654. *CROTALARIA SPINOSA* Hochst.

A spiny perennial with an annual stem 6 to 18 inches long, oblanceolate leaflets one-third of an inch long, and scattered yellow flowers. Native to tropical Africa.

105655. *CROTALARIA* sp.105656. *ERYTHRINA* sp. Fabaceae.105657. *LUPINUS* sp. Fabaceae.105658. *PSEUDARTHRA HOOKERI* Wight and Arn. Fabaceae.

A tall herbaceous leguminous plant which, at a distance, looks like a pink spirea. It is abundant in the tree savanna country and may be useful as a green manure or even as an ornamental.

For previous introduction see 50052.

105659. *VICIA* sp. Fabaceae. Vetch.

## 105660. (Undetermined.)

## 105661 to 105675.

From southwestern China. Seeds presented by Lord Aberconway, Bodnant Gardens, Tal-Y-Cafn, North Wales. Received May 10, 1934.

105661. *ACER CAPPADOCICUM SINICUM* Rehd. Aceraceae. Maple.

MCL. no. 16. A Chinese maple, sometimes 50 feet high, with bright-green, five-lobed leaves about 3 inches long and small pale-yellow flowers. This variety differs from the typical form chiefly in having smaller leaves.

105662. *ANEMONE DEMISSA* Hook. f. and Thoms. Ranunculaceae.

MCL. no. 60. A lovely alpine plant, common in limestone soil in mountain meadows at altitudes between 11,000 and 13,000 feet in Yunnan. The leaves form a basal rosette, and the large white flowers are in umbels.

Received as variety *villosa*, for which a place of publication has not been found.

For previous introduction see 100148.