

43642 to 43671—Continued.

favorable circumstances; long exposure to dampness or rain darkens the gum, and gnarled or diseased stems produce only the inferior darker gum. This gum is used in calico printing and in all other industries where a mucilage is necessary. The bark of this tree as well as the pods is extensively used in India as a tanning material, and the wood is much valued on account of its hardness and durability. It may be raised from seeds. (Adapted from *Watt, Commercial Products of India*, pp. 2-8, and from *Bailey, Standard Cyclopedia of Horticulture*, vol. 1, pp. 188-189.)

- 43643.** CAESALPINIA PECTINATA Cav. Cæsalpiniaceæ. **Tara.**
(*C. tinctoria* Domb.)

An erect shrub or small tree, native of Peru, where it grows at altitudes from 8,000 to 10,000 feet. In the vicinity of Lima, Peru, the pods are used as a tanning material.

See also S. P. I. No. 41323.

- 43644.** CAESALPINIA SEPIARIA Roxb. Cæsalpiniaceæ.

A tree found ascending to 4,000 feet in the Himalayas, distributed throughout tropical Asia, and also introduced into tropical America. It is covered with numerous small pale-brown prickles and has rather narrow glabrous leaves about a foot long. The bright-yellow flowers occur in simple, lax racemes from 1 to 2 feet long, and the pods are less than 2 inches long, are hard, and clothed with very small deciduous bristles. (Adapted from *Hooker, Flora of British India*, vol. 2, p. 256.)

- 43645.** CAILLIEA NUTANS (Pers.) Skeels. Mimosaceæ.
(*Dichrostachys nutans* Benth.)

A spiny much-contorted shrub or small tree, native of central Africa. The Acacialike leaves are composed of 5 to 10 pairs of pinnæ, each with 10 to 20 pairs of leaflets. The flowers occur in dense axillary spikes, the upper ones sulphur yellow and the lower ones rosy lilac. The pod is twisted and is about a third of an inch wide. This shrub has been introduced into southern California. (Adapted from *Bailey, Standard Cyclopedia of Horticulture*, vol. 2, p. 1003.)

- 43646.** CAJAN INDICUM Spreng. Fabaceæ. **Pigeon pea.**

A shrub 3 to 10 feet high, cultivated in the Tropics for the nutritious peas. The flowers are yellow and maroon, and the pods are hairy and pealike. (Adapted from *Bailey, Standard Cyclopedia of Horticulture*, vol. 2, p. 613.)

See S. P. I. No. 41646 for previous introduction.

- 43647.** CALLISTEMON SPECIOSUS (Sims) DC. Myrtaceæ. **Bottle-brush.**
(*Metrosideros speciosus* Sims.)

A large shrub, native of New South Wales, Australia, but cultivated in the British Isles and in the United States. The leaves are lance shaped, with prominent midribs, and the bright red flowers occur in terminal spikes from 2 to 6 inches long. The golden yellow of the anthers contrasting with the dark red filaments makes this a beautiful ornamental. It may be grown anywhere, except in places subject to frosts. (Adapted from *Curtis's Botanical Magazine*, pl. 1761, and from *Bailey, Standard Cyclopedia of Horticulture*, vol. 2, p. 630.)