

57079. AGATI GRANDIFLORA (L.) Desv.
(*Sesbania grandiflora* Poir.) Fabaceæ.

From Honolulu, Hawaii. Seeds presented by Dr. H. L. Lyon, in charge, department of botany and forestry, experiment station of the Sugar Planters' Association. Received May 22, 1923.

A small, rapid-growing, soft-wooded tree 15 to 20 feet in height, with pinnate leaves and large pendulous white flowers, followed by long sickle-shaped pods. The fleshy petals are used in curries and soups in the Indian Archipelago, where this tree is native. The leaves and young shoots are sometimes used as fodder. (Adapted from *Watt, Dictionary of the Economic Products of India, vol. 6, pt. 2, p. 544.*)

For previous introduction, see S. P. I. No. 54928.

57080. JUNIPERUS CEDRUS Webb. Pin-
juncæ. **Juniper.**

From Kew, England. Seeds presented by Dr. A. W. Hill, director, Royal Botanic Gardens. Received May 22, 1923.

A Canary Island relative of the common juniper, differing only in minor botanical characters and also in being less hardy. Dr. Georges Perez, of Drotava, Canary Islands, reports trees of this species with trunks a yard or more in diameter. The leaves are uniformly awl shaped and in whorls of threes. The wood is very pleasantly perfumed. Adapted from *Bean, Trees and Shrubs Hardy in the British Isles, vol. 1, p. 689.*

57081 to 57088.

From Ichang, China. Seeds presented by Albert S. Cooper, American Church Mission. Received May 22, 1923. Quoted notes by Mr. Cooper except as otherwise stated.

"Collected on the mountains back of Patung, Lupeh, at altitudes of 6,000 to 8,000 feet."

57081. BERBERIS sp. Berberidaceæ. **Barberry.**

57082. CELASTRUS sp. Celastraceæ.

57083. COTONEASTER sp. Malaceæ.
"An evergreen growing prostrate on rocky surfaces."

57084. DELPHINIUM sp. Ranunculaceæ. **Larkspur.**

57085. ILEX sp.
"A small-leaved holly."

57086. ILEX sp.
"This bore an especially abundant lot of berries."

57087. PRINSEPIA SINENSIS Oliver. Amygdalaceæ.

"*Prinsepia sinensis* is a species which has been comparatively unknown to horticulturists until recent times. It is quite distinct from *P. utilis*, which yields a cooking oil common in India, but is closely similar to *P. uniflora*, which has been introduced by this office several times. Like *P. uniflora*, it is a Chinese ornamental shrub with gray or whitish bark and small gray spines. But while *P. uniflora* has white flowers, dark-purple fruits, and thick linear-lanceolate leaves, *P. sinensis* is distinguished by yellow flowers, deep-red fruits, and thin ovate-lanceolate leaves. The shrub is said to be somewhat harder than *P. uniflora*. The plant is of striking habit, and the clusters of large bright-yellow flowers must make it a brilliant sight on its native Mongolian hills from Mukden to the Yaboo. It is early blooming, but at the Arnold Arboretum it bears only a few fruits." (*D. C. Peattie.*)

For previous introduction, see S. P. I. No. 55711.

57081 to 57088—Continued.

57088. THEA SASANQUA (Thunb.) Nois.
(*Camellia sasanqua* Thunb.) Theaceæ.

A large, wide-spreading ornamental shrub or small tree common throughout the warmer parts of Japan. The branches are very slender, and in the wild plant the flowers are always white. It is a popular garden shrub; and, under cultivation, forms with pink and rose-colored flowers are common. The seeds contain an inferior sort of oil used by the Japanese women for dressing their hair. (Adapted from *Sargent, Plantae Wilsonianae, vol. 2, p. 394.*)

For previous introduction, see S. P. I. No. 50646.

57089 to 57091.

From Hankow, China. Seeds presented by Rev. William Ruhl, Minhsien, Kansu, through P. S. Heintzleman, consul general. Received May 23, 1923. Quoted notes by Mr. Heintzleman.

57089. HORDEUM VULGARE COELESTE L. Poaceæ. **Barley.**

"This is planted about the middle of April and harvested the first week in August."

57090. PISUM SATIVUM L. Fabaceæ. **Pea.**

"These are planted about the end of April and harvested the latter part of September."

57091. VICIA FABA L. Fabaceæ. **Broad bean.**

"These are planted about the end of April and harvested the latter part of September."

57092. TRIPLARIS CUMINGIANA Fisch.
and Mey. Polygonaceæ.

From Balboa Heights, Canal Zone. Seeds presented by Holger Johansen, agronomist. Received May 24, 1923.

"A native tree about 20 feet in height, generally of pyramidal habit, which prefers moist situations, such as the borders of lakes and streams. From February until the middle of April it is ablaze with red, produced by the bracts surrounding the capsules, and forms an exceedingly striking object in the landscape. As a beautiful ornamental this tree is well worthy of further distribution." (*Johansen.*)

57093. TITHONIA DIVERSIFOLIA
(Hemsl.) A. Gray. Asteraceæ.

From Manila, Philippine Islands. Seeds presented by P. J. Wester, Bureau of Agriculture. Received May 24, 1923.

"A perennial composite with large yellow flowers which are produced in great abundance during the autumn and early winter months. It should therefore be a good ornamental for southern Florida during the tourist season." (*Wester.*)

For previous introduction, see S. P. I. No. 54461.

57094 to 57210.

From Tiflis, Transcaucasia. Seeds presented by L. Dekapreleritch, director, Plant-Breeding Department, Botanic Garden. Received May, 1923. Quoted notes by Mr. Dekapreleritch.

Local varieties of cereals introduced for department specialists.

57094 to 57114. HORDEUM spp. Poaceæ. **Barley.**

57094 and 57095. HORDEUM DISTICHON
PALMELLA Harlan.

57094. No. 1. 57095. No. 2.