

56183 to 56191—Continued.

56191. *FLINDERSIA OXLEYANA* F. Muell.
Meliaceæ.

A tall, much-branched tree, often becoming 100 feet in height, with opposite compound leaves which are crowded under the loose, many-flowered panicles. The bright-yellow, strong and fibrous wood is used in cabinet work; it is not readily attacked by white ants. (Adapted from *Bailey, Queensland Flora, pt. 1, p. 239.*)

56192. *RAPHANUS SATIVUS* L. Brassicaceæ. **Radish.**

From Algiers, Algeria, North Africa. Seeds presented by Dr. L. Trabut, Government botanist. Received January 5, 1923.

"Variety *campestris*. An improved giant radish, with large roots, used as cattle feed. The seeds are sown at the beginning of the rainy season, from August to October." (*Trabut.*)

56193 to 56195. *COIX LACRYMA-JOBI MA-YUEN* (Rom.) Stapf. Poaceæ. **Ma-yuen.**

From Buitenzorg, Java. Seeds presented by H. de Veer, chief of the plant-breeding station for annual crops, Java Department of Agriculture. Received January 8, 1923. Quoted notes by Mr. de Veer.

The *ma-yuen* is an edible soft-hulled variety of Job's-tears (*Coix lacryma-jobi*) quite different from the ordinary form, with hard beadlike seeds. It is grown in India, China, the East Indies, and also in the Philippines, where it is known as "adlay." For an account of the uses of adlay as a cereal and for analytical data, see *The Philippine Agricultural Review*, vol. 14, pp. 159-177.

56193. "*Djali ketan*. A glutinous form."

56194. "*Witte djali bras*. A form with white seeds."

56195. "*Zwarte djali bras*. A form with black seeds."

For illustrations of the *ma-yuen*, see Plates I and II.

56196 and 56197. *NAGEIA* spp. Taxaceæ.

From Hogsback, via Lovedale, Cape Province, South Africa. Seeds presented by David A. Hunter. Received January 8, 1923.

"These trees grow slowly but finally become very large. The timber is fine grained and is largely used in our shops for furniture." (*Hunter.*)

56196. *NAGEIA ELONGATA* (Ait.) Kuntze.
(*Podocarpus elongata* L'Herit.)

This is known in South Africa as the "common yellow-wood," and it is the largest, most plentiful, and one of the most useful trees of Cape Province. The narrow evergreen leaves are quite short, being little more than an inch long. The tree becomes 80 to 120 feet in height, with a trunk usually 3 to 4 feet in diameter, occasionally 10 feet. The wood is light, soft, moderately strong and elastic, and of a pale yellow brown. When exposed to the weather the wood is quite durable.

56197. *NAGEIA THUNBERGH* (Hook.) F. Muell. (*Podocarpus thunbergii* Hook.)

A fine evergreen timber tree, up to 100 feet tall and with a trunk 4 feet in diameter, which occurs throughout all the timber forests from the Cape of Good Hope to Natal. The quality of the wood of this species is very similar to that of the preceding [S. P. I. No. 56196], and for most purposes they are used indiscriminately.

56198. *CYRTANTHUS CONTRACTUS* N. E. Brown. Amaryllidaceæ.

From Pretoria, Transvaal, Union of South Africa. Bulbs presented by I. B. Pole Evans, Chief, Division of Botany, Department of Agriculture. Received January 10, 1923.

A handsome member of the amaryllis family from the Transvaal, where its conspicuous beauty as it flowers on the burnt-over fields has earned it the name of "fire lily." The narrow bluish green leaves are over a foot in length, and the Van Dyke red peduncle, 7 inches or over long, bears a pendulous cluster of faintly scented scarlet or carmine flowers with strawberry-red pedicels. (Adapted from *Flowering Plants of South Africa, vol. 1, pl. 4.*)

56199 to 56265. *TRITICUM* spp. Poaceæ.

From Lisbon, Portugal. Seeds presented by Prof. D. A. Tavares da Silva, Instituto Superior de Agronomia. Received January 10, 1923. Quoted notes by Professor Tavares da Silva.

A collection of the wheat varieties of Portugal, obtained from the Instituto Superior de Agronomia, Lisbon. Secured for department cerealists.

56199 to 56231. *TRITICUM AESTIVUM* L.

(*T. vulgare* Vill.)

Common wheat.

56199 and 56200. "Hard white-bearded wheat."

56199. "No. 5. *Barbella*."

56200. "No. 11. *Rieti*."

56201 to 56208. "Soft wheat."

56201. "No. 30. *Barbella*."

56202. "No. 31. *Beirão*."

56203. "No. 33. *Galêgo barbado*."

56204. "No. 34. *Portuguez*."

56205. "No. 35. *Precoce italiano*."

56206. "No. 36. *Ribeiro*."

56207. "No. 37. *Rieti*."

56208. "No. 38. *Temporão de Coruche*."

56209 to 56217. "Beardless wheat."

56209. "No. 42. *Aurora*."

56210. "No. 43. *Galêgo rapado*."

56211. "No. 44. *Gentil rosso*."

56212. "No. 45. *Manitoba*."

56213. "No. 46. *Môcho de espiga quadrada*."

56214. "No. 48. *Galêgo rapado* × *Vermeljoilo*."

56215. "No. 49. *Fucense* × *Môcho de espiga branca*."

56216. "No. 50. *Rieti* × *Galêgo rapado*."

56217. "No. 51. *Rieti* × *Môcho de espiga branca*."

56218 to 56231. "Bearded wheat."

56218. "No. 52. *Amarelo de barba branca* × *Ribeiro*."

56219. "No. 53. *Amarelo de barba preta* × *Ribeiro*."

56220. "No. 54. *Amarelo de barba preta* × *Ribeiro* (*Sado*)."

56221. "No. 55. *Anafil* × *Galego barbado* (*Belém*)."

56222. "No. 56. *Barbella* × *Santa Martha*."