

## 99772 to 99789—Continued.

99782. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.

No. 233. *Tomaté*. Purchased in the market at Tarma, April 23, 1932. A small round red local variety, cultivated by the Indians at 10,000 feet altitude.

99783. *PASSIFLOA MOLLISSIMA* (H. B. K.) Bailey. Passifloraceae. Softleaf passionflower.

No. 264. *Tumbo*. Purchased in the market at Huancayo, Peru, April 24, 1932, but said to have been grown at 10,800 feet altitude. An edible variety with yellow elliptical pointed fruits.

99784. *ROLLINIA* sp. Annonaceae.

No. 206. From Rio Colorado, near Merced, in a tropical rain forest at 2,800 feet altitude, April 16, 1932. A native tree 40 to 50 feet high, with fruits 6 inches in diameter.

99785. *SOLANUM* sp. Solanaceae.

No. 196. Between Lima and Oroya, at 7,800 feet altitude, April 12, 1932. An herb 3 feet high, growing in open sandy soil. The lavender flowers are followed by berries on reflected peduncles.

99786. *COSMOS SULPHEREUS* Cav. Asteraceae. Yellow cosmos.

No. 207. From Rio Colorado, near Merced, in a tropical rain forest, at 2,800 feet altitude, April 16, 1932. An herb 3 feet high with showy yellow flowers.

For previous introduction see 61925.

99787. *ALONSOA ACUTIFOLIA* Ruiz and Pav. Scrophulariaceae.

No. 217. *Shohompay*. From the Hacienda Makko, near Tarma, at 11,500 feet altitude, in open alpine meadow, April 20, 1932. An ornamental herb, 2 feet high, with orange flowers; common at this altitude.

99788. (Undetermined.)

No. 214. From the Hacienda Makko, near Tarma, at 12,000 feet altitude, in alpine meadow, April 19, 1932. An herb 3 feet high, covered with bristles, which irritate the skin, as does the nettle. The drooping yellow flowers are very ornamental.

99789. (Undetermined.)

No. 220. From Rio Colorado, near Merced, on a wooded shady slope at 2,800 feet altitude, April 19, 1932. An ornamental herb with ultramarine blue berries.

99790 to 99792. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.

From Cuba. Seeds presented by Mrs. F. S. Earle, Herradura. Received April 19, 1932.

Introduced for comparison with the varieties now being grown on the Pacific coast.

99790. A perennial bean with small white seeds.

99791. The commercial bean of this region.

99792. A locally grown speckled perennial lima bean.

99793 to 99801. *MANGIFERA INDICA* L. Anacardiaceae. Mango.

From Puerto Rico. Bud sticks presented by Edmund H. Twig, specialist in fruits, Insular Experiment Station, Rio Piedras. Received June 8, 1932.

A collection of mangoes introduced for the use of Department specialists working with fruit breeding. Except *Colombo Kidney*, all of the following are local selections. Most of them came from the island of Vieques and were probably originally from Martinique.

## 99793 to 99801—Continued.

99793. *Bayamon*.

99798. *Playa Grande*.

99794. *Colombo Kidney*.

99799. *Reine Amelie*.

99795. *Del Valle*.

99800. *Sorce*, No. 2.

99796. *Julie*.

99801. *Teté Nene*.

99797. *Leguillo*.

## 99802 to 99805.

From the Society Islands. Plants presented by Harrison W. Smith, Papeari, Tahiti. Received June 9, 1932.

99802 to 99804. *MANGIFERA INDICA* L. Anacardiaceae. Mango.

99802. *Brander* mango. A dwarf fruit with very small seed. This variety was previously called the *Rougier* mango.

99803. *Mission* mango. A beautiful, very sweet fruit. Its name is due to the fact that one of the Brothers at the mission has chiefly propagated it, and perhaps the original tree is in the mission grounds.

99804. *Tuehau* mango. This is considered, by some, the best and richest flavored mango of the islands, and it is said to come true from seed.

99805. *PERSEA AMERICANA* Mill. Lauraceae. Avocado.

*Arue* avocado.

99806. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.

From Cuba. Seeds presented by Mrs. F. S. Earle, Herradura. Received June 6, 1932.

A white lima bean, grown in Cuba for export. Introduced for comparison with the varieties now being grown on the Pacific coast.

## 99807 and 99808.

From British Guiana. Seeds presented by Mr. Martyn, botanist, Georgetown Botanic Garden, through David Fairchild, agricultural explorer, Bureau of Plant Industry. Received June 6, 1932.

99807. *BRADBURYA PLUMIERI* (Turp.) Kuntze (*Centrosema plumieri* Turp.). Fabaceae.

A tropical ornamental vine, native to Brazil, with white and red flowers. It is of value as green manure.

For previous introduction see 91467.

99808. *NAUCLEA ESCULENTA* (Afzel.) Merr. (*Sarcocephalus esculentus* Afzel.). Rubiaceae.

A scandent shrub or a tree up to 25 feet high, native to tropical Africa. The sharp-pointed elliptical leaves are 2 to 8 inches long, and the white, yellowish, or pale-pink fragrant flowers are in dense heads. The fruiting head, 2 to 4 inches in diameter, is deep red with a brown granulated surface and a solid edible core which occupies about a quarter of the diameter.

99809. *MEIBOMIA* sp. Fabaceae.

From the Seychelles Islands. Seeds presented by P. R. Dupont, director, Department of Agriculture. Received June 6, 1932.

Introduced for the use of Department forage-crop specialists.

99810 to 99818. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.

From the Canal Zone. Seeds presented by J. E. Higgins, director, Canal Zone Experiment Gardens, Summit. Received June 6, 1932.

A collection of lima-bean types grown in Panama, introduced for comparison with the types now being grown on the Pacific coast.