

102752 to 102787—Continued.

102785. *VACCINIUM NUMMULARIA* Hook. f. and Thoms.

A small rigid epiphytic shrub with densely hirsute pendent branches, native to the Himalayas at altitudes between 8,000 and 10,000 feet. The leathery glabrous broadly elliptic leaves, one-half inch long, have recurved margins, and the small tubular rosy flowers are borne in clustered racemes.

102786. *ZANTHOXYLUM ACANTHOPODIUM* DC. Rutaceae. Prickly-ash.

A shrub or small tree with vertically flattened prickles on the trunk and branches and dense foliage with a pungent aromatic odor. The small pale-red fruits are in loose panicles. Native to the warm valleys in the subtropical Himalayas at altitudes between 4,000 and 7,000 feet.

102787. *ZANTHOXYLUM ALATUM* Roxb. Rutaceae. Prickly-ash.

A shrub or small tree native to the subtropical Himalayas ascending to 6,000 feet. The compound leaves are made up of 5 to 11 lanceolate to ovate finely serrulate leaflets 1 to 5 inches long on a winged prickly rachis, and yellow-green flowers in small panicles are followed by warty red fruits which open and show the lustrous black seeds.

102788. *ZEA MAYS* L. Poaceae. Corn.

From Huancayo, Peru. Seeds presented by Paul G. Ledig, Huancayo Magnetic Observatory, Carnegie Institution of Washington, D. C. Received May 1, 1933.

Morada. A form with purple seeds.

102789 to 102814.

From the Union of South Africa. Seeds presented by Dr. R. H. Compton, director, National Botanic Gardens, Kirstenbosch, Newlands, Capetown. Received May 6, 1933.

102789. *ALOE HERBEROENSIS* Engler. Liliaceae.

A nearly stemless perennial, native to southern Africa, with fleshy ovate-lanceolate leaves, 10 to 14 inches long, whitish green with purple tips and spiny margins. The tubular red flowers, an inch long, are borne in a dense corymb on pendulous pedicels, at the top of a purple scape about 3 feet high. The variety *orpeniae*, the name under which these seeds were received, is said to be a more slender form.

102790. *GLORIOSA SIMPLEX* L. Melanthiaceae. Glorylily.

A vinelike perennial, native to Africa, which supports itself by the tendrill-bearing tips of the oblong-lanceolate leaves, 3 to 6 inches long. The yellow and red flowers, 1 to 3 inches across and borne in a lax terminal corymb, are on recurved pedicels, and the segments are reflexed and slightly undulate.

102791 to 102793. *INDIGOFERA* spp. Fabaceae.

102791. *INDIGOFERA CYLINDRICA* DC.

A bushy perennial with slender angular stems, native to southern Africa. The compound leaves are made up of 4 to 5 pairs of obovate emarginate leaflets one-half inch long, and the small

102789 to 102814—Continued.

pink-purple flowers are borne in dense many-flowered racemes.

102792. *INDIGOFERA FILIFOLIA* Thunb.

A bushy perennial with stems 3 to 6 feet high, native to southern Africa. Only young plants bear ordinary compound leaves, those on mature plants being reduced to filiform petioles 3 to 5 inches long. The purple flowers are borne in racemes longer than the petioles.

102793. *INDIGOFERA LANGEBERGENSIS* Bolus.

A small shrub, closely allied to *Indigofera frutescens*, and perhaps only a stunted form of that species. It is about 10 inches high, with leathery oval-obovate leaflets and lax many-flowered racemes of purple flowers. Native to Cape Province.

102794. *JASMINUM TORTUOSUM* Willd. Oleaceae. Jasmine.

A woody vine with angular twigs, native to southern Africa. The trifoliolate leaves have glabrous lanceolate leaflets, and the salver-shaped white flowers, 1 inch long, are borne in terminal clusters of 3 to 5.

102795 to 102813. *PROTEA* spp. Proteaceae.

Introduced for the use of Department specialists.

102795. *PROTEA MELLIFERA* Thunb.

102796. *PROTEA ACEROSA* R. Br.

102797. *PROTEA AMPLEXICAULIS* (Salisb.) R. Br.

102798. *PROTEA CEDROMONTANA* Schlechter.

102799. *PROTEA COMPACTA* R. Br.

102800. *PROTEA CYNAROIDES* L.

102801. *PROTEA GRANDICEPS* Tratt.

102802. *PROTEA HUMIFLORA* Andrews.

102803. *PROTEA LATIFOLIA* R. Br.

102804. *PROTEA LONGIFLORA* Lam.

102805. *PROTEA LONGIFOLIA* Andrews.

102806. *PROTEA MARGINATA* Thunb.

102807. *PROTEA MUNDI* Klotzsch.

102808. *PROTEA NERIIFOLIA* R. Br.

102809. *PROTEA OBTUSIFOLIA* Buek.

102810. *PROTEA PULCHELLA* Andrews.

102811. *PROTEA ROUPELLIAE* Meisn.

102812. *PROTEA SCOLYMOCEPHALA* (L.) Reichard.

102813. *PROTEA SUSANNAE* Phillips.

102814. *SESAMUM CAPENSE* Burm. f. Pedaliaceae.

An erect simple or branched herbaceous plant up to 6 feet high, native to southern Africa. The leaves are palmately divided into 3 to 5 ovate to linear leaflets 1 to 3 inches long, and the tubular violet flowers are 1 inch long with spreading lobes about 1 inch wide. The plant can thrive in very dry situations where the annual rainfall is only 4 inches.