

86279 to 86400—Continued.

86388. *PRUNUS CERASIFERA DIVARICATA* (Ledeb.) C. Schneid. Plum.

No. 106. Turkestan, August 11, 1929. A wild plum collected at a railway station.

86389. *PRUNUS CERASUS* L. Sour cherry.

No. 142. Chimron, Persia, November 4, 1929. From trees growing in local gardens.

86390. *PRUNUS DOMESTICA* L. Common plum.

No. 47. Tehran, Persia, September 28, 1929. A medium-sized yellow-green plum, somewhat like the green gage in appearance.

86391 and 86392. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.

Seeds grown locally.

86391. No. 132. Tehran, Persia, November 2, 1929.

86392. No. 319. Tashkent, Turkestan, August, 1929.

86393. *SATUREJA HORTENSIS* L. Mentha-ceae. Summer savory.

No. 116. *Marzeh*. Tehran, Persia, November 2, 1929. Grown locally in gardens.

86394. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.

No. 119. Tehran, Persia, November 2, 1929. A long and narrow variety which is grown locally and eaten with rice.

86395. *SPINACIA OLERACEA* L. Chenopodiaceae. Common spinach.

No. 127. Tehran, Persia, November 2, 1929.

86396 and 86397. *TRIFOLIUM RESUPINATUM* L. Fabaceae. Persian clover.

Seed grown locally.

86396. No. 107. Tehran, Persia, October 28, 1929.

86397. No. 156. Semnan, Persia, November 9, 1929.

86398. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.

No. 138. *Shamballieh*. Tehran, Persia, November 2, 1929. A leafy vegetable used by the natives as food.

86399. *ZEA MAYS* L. Poaceae. Corn.

No. 123. Tehran, Persia, November 2, 1929.

86400. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

From Arpachi, Turkestan.

86401. *LUPINUS PILOSUS* Murray. Fabaceae. Lupine.

From Perth, Western Australia. Seeds presented by C. A. Gardner, Government Botanist, Department of Agriculture, March 24, 1930.

In Western Australia the naturalized blue lupines have proved to be of inestimable value to the pastoralist, particularly the sheep farmer. Stock should not be permitted access to lupines during the young stages of growth, since grazing is fatal to the young plants. If there is an abun-

86401—Continued.

dance of other green food, stock will not eat the lupine in a green condition. In the summer when the seeds have fallen, it is estimated that a lupine paddock will carry up to four sheep per acre and fatten them.

Not only is the lupine valuable as a fodder plant but also as a soil renovator and fertilizer. Lupines succeed best in light sandy soils, provided the bacteria are present.

For previous introduction see No. 39198.

86402. *EUCALYPTUS MARGINATA* J. E. Smith. Myrtaceae.

From Perth, Western Australia. Seeds presented by S. L. Kessell, Conservator of Forests. Received March 25, 1930.

The best form of *Jarrah*, from gravelly ironstone ridges in the Darling Range, about 25 miles from the coast. An Australian shrub or small tree often clear of branches for two-thirds of its height. The hard, durable wood is used for timber, piles, and railway ties. The tree will grow in a great variety of soils, but prefers moist, well-drained situations.

For previous introduction see No. 75636.

86403 to 86519.

From Japan. Seeds collected by P. H. Dorsett and W. J. Morse, agricultural explorers, Bureau of Plant Industry. Received March 17, 1930.

86403. *DAUCUS CAROTA* L. Apiaceae. Carrot.

No. 3976. Kyoto. *Hon beni*. *Kintoki ninjin*. A large, long, red carrot.

86404 to 86519. *SOJA MAX* (L.) Piper (*Glycine hispida* Maxim.). Fabaceae. Soybean.

Nos. 86404 to 86409 were obtained from the seed and nursery farm, near Keijo, Chosen, January 31, 1930.

86404. No. 3772. *Chantan Shirome*. Medium sized, oval, glossy light yellow, with pale hilum. Used for bean curd, miso, and natto.

86405. No. 3773. *Chantan Chame*. Medium sized, oval, glossy yellow, with large-brown hilum. Used for bean curd, miso, soy sauce, and natto.

86406. No. 3774. *Etkizan*. Medium sized, oval, glossy yellow, with pale hilum. Used for bean curd, miso, and natto.

86407. No. 3775. *Kozu*. Medium sized, oval, glossy light yellow, with pale hilum. Used for bean curd, miso, and natto.

86408. No. 3776. *Kongo*. Medium-large, oval, glossy yellow, with pale hilum. Used for bean curd, miso, and natto.

86409. No. 3777. *Kensen Chame*. Medium sized, oval, glossy yellow, with light-brown hilum. Used for bean curd, miso, and natto.

86410. No. 3794. *Sodefuri*. Purchased from a small store in Nakano, Tokyo Prefecture, February 7, 1930. Medium sized, oval, greenish yellow, with black hilum. Used to a very considerable extent in the Tokyo Prefecture trucking sections as a green vegetable bean.