

"These seeds grow very rapidly in any place which is not touched by frost. The pod containing the seeds is about a foot in diameter when ripe. The vine climbs over neighboring trees and requires no care." (*Eells.*)

52451 to 52460.

From Paris, France. Seeds presented by Vilmorin-Andrieux & Co. Received February 21, 1921.

52451 and 52452. CARAGANA spp. Fabaceæ.

52451. CARAGANA ARBORESCENS Lam.

Siberian pea tree.

Variety *sophoraefolia*. A form of *Caragana arborescens* with extremely small leaflets. (Adapted from *Schneider, Illustriertes Handbuch der Laubholzkunde, vol. 2, p. 95.*)

52452. CARAGANA BOISI C. Schneid.

A vigorous species distinguished by its strong spines, the stipules lignified from the base of the rachis, and by its beautiful thick glabrous foliage which is notably persistent. (Adapted from *Vilmorin and Bois, Fruticetum Vilmorianum, Catalogue 1, p. 57.*)

52453 and 52454. BERBERIS spp. Berberidaceæ.

Barberry.

52453. BERBERIS BRACHYPODA Maxim.

A bush from western China 4 to 7 feet high, with 3-parted spines, oval serrate leaves, yellow flowers in long slender panicles, and scarlet fruits which are up to half an inch in diameter. In its native country this barberry grows at altitudes of 5,200 to 11,700 feet. (Adapted from *Sargent, Plantae Wilsonianae, vol. 1, p. 375,* and *Schneider, Illustriertes Handbuch der Laubholzkunde, vol. 2, p. 922.*)

For previous introduction, see S. P. I. No. 43818.

52454. BERBERIS AGGREGATA C. Schneid.

A shrub from thickets in the Min Valley, western Szechwan, at altitudes of 4,265 to 7,546 feet. It reaches a height of 5 feet and has yellowish brown spines in clusters of three. The oval-oblong leaves are rather small, with a few distant serrations. The yellow flowers, about one-fourth of an inch wide and almost sessile, are in dense racemes; the fruits are salmon red. (Adapted from *Bulletin l'Herbier Boissier, 2d ser., vol. 8, p. 203,* and from *Sargent, Plantae Wilsonianae, vol. 1, p. 375.*)

For previous introduction, see S. P. I. No. 43817.

52455. DEUTZIA sp. Hydrangeaceæ.

Apparently a new species of Deutzia.

52456 and 52457. PHILADELPHUS spp. Hydrangeaceæ.

52456. PHILADELPHUS GRANDIFLORUS Willd. Common mock orange.

A scentless species (though not entirely inodorous) far superior in its display of flowers to any of the fragrant sorts. It makes strong growth up to 10 feet or more in height. When pruned after flowering it makes straight, long shoots of 5 feet or more, which are covered with lovely white flowers along their whole length in the flowering season. The long branches are of great beauty and are in demand for cut-flower decorating, as well as for lawn display. This is a southern species, growing from Virginia southward, but it is quite hardy in the Middle States, and its merit as a hand-