

S. P. I. No. 42691 is the new Chinese *Deutzia longifolia veitchii*, one of the most interesting new flowering shrubs introduced from China, with large beautiful rose-colored flowers, making it especially suitable for parks.

Rose growers will take a particular interest in the remarkable collection of rose species (Nos. 42974 to 42982) from the Arnold Arboretum, which has gathered them from China and Chosen (Korea). This collection represents material of the greatest value for hybridizers and can hardly fail to lead to the origination of many new and lovely hardy roses for America.

Perhaps the most remarkable plant listed, from the botanist's point of view, is the Javanese shrub *Pavetta zimmermanniana* (No. 42767). Its leaves are inhabited by bacterial colonies which induce knots analogous to those formed by *Bacillus radicicola* in the roots of leguminous plants. These knots are apparently essential to the healthy growth of the plant, and the bacterium is universally present in the young seed. This represents a new class of plants whose rôle in our agriculture remains to be further studied.

The botanical determinations of seeds introduced have been made and the nomenclature determined by Mr. H. C. Skeels, while the descriptive and botanical notes have been arranged by Mr. G. P. Van Eseltine, who has had general supervision of this inventory. The manuscript has been prepared by Mrs. Ethel H. Kelley.

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