

## 38142 to 38168—Continued.

38159 to 38166. *ROSA* spp. Rosaceæ.

Rose.

38159. *ROSA SOULIEANA* Crep.

See S. P. I. Nos. 21747 and 32962 for previous introductions.

38160. *ROSA XANTHINA* × (?).

Hybrid.

38161. *ROSA RUBUS* Léveillé and Vant.

"Wilson No. 431. From Patung, western Hupeh, at an altitude of 600 to 1,300 meters."

"This is a common species everywhere in western Hupeh and eastern Szechwan from river level to 1,300 meters. The densely hairy shoots and leaves readily distinguish it from its near relatives. The leaflets are often large and coarsely toothed, and the leaves though variable in shape resemble those of certain species of *Rubus*. The fruit is globose, and the pedicels are relatively long and stout." (*Sargent, Plantae Wilsonianae, vol. 2, p. 309, 1915.*)

38162. *ROSA BANKSIAE NORMALIS* Regel.

"(No. 619. Near Ichang, Hupeh, China. October, 1907.) A scandent bush 6 meters and more tall and as much in diameter, flowers pure white, fragrant, fruit dull red, abundant. This rose is very abundant in western Hupeh and eastern Szechwan from river level to 1,000 meters altitude, and is fairly common in western Szechwan in the valleys of the Tung and Min Rivers and neighboring regions up to 1,500 meters altitude. It delights in glens, ravines, and rocky places generally, where it forms tangled masses 6 meters and more high and as much in diameter; commonly it rambles over trees, and Wilson has seen trees 15 meters and more tall completely festooned with this rose. The flowers are always pure white, and we have never observed any tendency toward double flowers in the wild plant; nor did Wilson see it or any of its forms cultivated in gardens in central or western China. The umbellate inflorescence well distinguishes this species from its nearest relation *Rosa microcarpa* Lindley. The root bark is used locally for strengthening and dyeing fishing nets brown. This variety appears to be confined to central and western China, and we have seen no specimens of the wild plant from regions east of the 112th meridian of longitude." (*Sargent, Plantae Wilsonianae, vol. 2, p. 317, 1915.*)

38163. *ROSA HELENÆ* Rehder and Wilson.

"Wilson No. 666. From Wushan, eastern Szechwan, at an altitude of 1,000 to 1,500 meters."

"*Rosa helenae* is very abundant in rocky places from river level to 1,500 meters everywhere in western Hupeh and eastern Szechwan, but has not yet been reported from farther west. It forms in wayside thickets and by the banks of streams tangled masses often 6 meters tall and as much through, and in the margins of woods it rambles over small trees. When covered with masses of its white fragrant flowers this rose is very beautiful. It has proved quite hardy and flowered profusely at the Arnold Arboretum." (*Sargent, Plantae Wilsonianae, vol. 2, p. 311, 1915.*)