

Wilson has not seen it in Japanese gardens. It is a broad, round-topped, treelike shrub sometimes twenty-five feet tall with stout branches and slender arching and pendent branchlets. The clustered flowers are white when fully expanded, rose-red in the bud, and as they open in succession the two colors make a beautiful contrast. The fruit is about the size of a pea, yellowish or yellowish brown; from some plants it falls in the early autumn, on others it remains on the branches during the winter or until devoured by birds who are particularly fond of it. Several plants with persistent fruit are growing close to the Administration Building in the Arboretum, and during the winter are filled with numerous species of birds, including pheasants who are fond of these Crabapples. A hybrid between *M. floribunda* and perhaps *M. cerasifera* appeared in the Arboretum among a lot of seedlings of *M. floribunda* in 1883 and has been named *M. Arnoldiana*. It has the habit and abundant flowers of *M. floribunda*, but the flowers and fruit are nearly twice as large. It is a handsomer plant than *M. floribunda* and one of the most beautiful of the Crabapples in the Arboretum.

Malus Sieboldii is another of the species introduced from the gardens of Japan into Europe by Von Siebold in 1853. It is a low, dense shrub of spreading habit with the leaves on vigorous branchlets three-lobed, small flowers white tinged with rose in color, and small yellow fruits. A good specimen may be seen on the left hand side of the Forest Hills Road. Von Siebold's Crab is really a dwarf form of a species common on the Korean Island of Quelpaert, and on the mountains of central Japan and Hokkaido, to which the name var. *arborescens* has been given. This is a tree often thirty feet or more tall, with ascending, wide-spreading branches, twiggy branchlets and minute fruit yellow on some and red on other individuals. Although the flowers are small, they are produced in immense quantities, and this species has the advantage of flowering later than the other Asiatic Crabapples. Another variety of Von Siebold's Crab (var. *calocarpa*), raised in the Arboretum from seed sent in 1890 from the Nikko mountains of Japan by Dr. W. Sturgis Bigelow of Boston, has bright red fruits each half an inch in diameter. When in fruit this is the handsomest of the Japanese Crabapples.

Malus Sargentii from salt marshes in the neighborhood of Muroran in northern Japan, where it was discovered by Professor Sargent in 1892, has qualities which give it a field of usefulness peculiarly its own. This species is a dwarf with rigid and spreading branches, the lower branches flat on the ground; it is well suited for covering slopes and banks. The flowers are in umbel-like clusters, saucer-shaped, round and of the purest white, and are followed by masses of wine-colored fruit which is covered by a slight bloom and unless eaten by birds remains on the plants well into the spring.

Malus spectabilis, cultivated by the Chinese from time immemorial and introduced from Canton in 1780, was the first of the Asiatic Crabapples cultivated in Europe. Like several other species it is not yet known in a wild state but is probably of hybrid origin. It is a tree



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