

## 40139 to 40201—Continued.

1900. It flowers in June, and the fruit is in full color in September and October; it is then one of the most effective of cotoneasters. The habit is singularly graceful, the long whiplike shoots spreading outward and downward in every direction. The name *applanata* refers to the distichous arrangement of the branches of young plants, which gives them the appearance of a well-trained tree." (*W. J. Bean, Trees and Shrubs Hardy in the British Isles, vol. 1, p. 408, under C. applanata.*)

## 40172. COTONEASTER ACUTIFOLIA VILLOSULA Rehd. and Wilson.

"A deciduous shrub of bushy habit, 5 to 7 feet high, branches often pendulous; young twigs downy. Leaves pointed, ovate-lanceolate to oval, 1 to 2½ inches long, half as wide; dull green, and with scattered hairs above, paler and hairy beneath, especially when young; veins in five or six pairs; stalk one-twelfth to one-eighth inch long. Flowers white, three or more together in corymbs; stalks and calyx woolly, lobes of calyx triangular. Fruit reddish at first, finally black, one-third inch in diameter, smooth. Native of northern and western China. This is not one of the handsomest of cotoneasters and is, perhaps, a poor form of *C. lucida*. There has been much confusion between the two, owing to *C. lucida* also having been called *C. acutifolia*, but from that species the present one is distinguished by its dull green, not shining, more hairy leaves, and its woolly calyx and flower stalks. Var. *villosula* has young shoots clothed with yellowish gray loose hairs, becoming smooth and purplish brown the second year. Leaves 1½ to 4½ inches long, one-half to 2¼ inches wide, larger and more drawn out at the apex than in the type. Petals rose-tinted white. Fruit roundish pear shaped, two-fifths inch long, woolly, ultimately shining black. Native of western Hupeh; introduced by Wilson in 1900. A very vigorous shrub." (*W. J. Bean, Trees and Shrubs Hardy in the British Isles, vol. 1, p. 405.*)

## 40173. COTONEASTER AFFINIS Lindley.

"The identity of this species is somewhat confused, but what is usually grown under the name is an ally of *C. bacillaris* and *C. frigida*. It has the woolly young leaves, young wood, and flower stalks of the latter, but the purplish brown fruit of *C. bacillaris*. It is a shrub 10 to 15 feet high and deciduous. Leaves oval, acute, or bluntish at the apex, up to 3½ inches long. Native of the Himalayas; introduced in 1828." (*W. J. Bean, Trees and Shrubs Hardy in the British Isles, vol. 1, p. 406.*)

## 40174. COTONEASTER AMOENA Wilson.

"A densely branched, stiff-habited evergreen bush of spreading habit, 3 to 5 feet high; young shoots slender but rigid, felted with gray wool. Leaves oval or ovate, tapered about equally to both ends, terminated by a fine point; one-third to three-fourths inch long, one-fourth to two-fifths inch wide; glossy green and with loose hairs above, clothed beneath with a thick, grayish wool; veins in 2 to 4 pairs; stalks one-twelfth to one-eighth inch long. Flowers white, one-fifth inch wide, borne in 6 to 10 flowered corymbs; petals roundish; stamens 20; calyx woolly, with triangular-ovate teeth. Fruit bright red, roundish obovoid, broadest above the middle, one-fourth inch long, packed in umbellike clusters at the end of