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Hawthorns handsome in the autumn. Some of the American Hawthorns are more beautiful when their fruits ripen in the autumn than they are when the white flowers cover the branches in the spring and early summer, and there are great horticultural possibilities in these plants which are particularly valuable in those parts of the country where the soil is impregnated with lime. Indeed American Hawthorns, although they do not require lime, are lime-loving plants, and the largest number of species and the handsomest plants are found where lime abounds. In the parks of cities like Chicago, St. Louis and Pittsburg, where the smoke of bituminous coal is fatal to many plants, it has been found that American Hawthorns grow better than most trees and shrubs. It is impossible in one of these Bulletins to do more than mention briefly a few species which are exceptionally beautiful at this season and have shown themselves well suited for general cultivation.

Crataegus arkansana. This tree is a native of the valley of the White River in central Arkansas and was first raised in the Arboretum in 1880. It belongs to the Molles Group of the genus which is distinguished by its large usually tomentose leaves, large flowers and large scarlet, or rarely yellow, edible fruit. Like the other species of the group, *C. arkansana* is a tree which in the deep rich soil of Arkansas bottom-lands sometimes grows to the height of forty feet. The fruit of many of the species of this group, like *C. Arnoldiana* and *C. mollis*, ripens in August and September and soon falls; that of *C. arkansana* does not ripen until the middle of October when the leaves are still green

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