Arboretum. The two old world species are geographically interesting but have less value as garden plants than most of the American Shad Bushes.

Hawthorns. There have not before been as many species of Hawthorns in bloom in the Arboretum as there are this week as many of the plants which have been raised here from seed since 1900 and planted on the eastern slopes of Peters Hill are flowering this year for the first time. Many of these trees are covered with flowers and the older and larger plants are all flowering while many of the Crabapples and Lilacs this year have flowered sparingly or not at all. Judging by the appearance of the Hawthorns this year it looks as if at the end of four or five years more the flowering of these plants would be the great flower event of the Arboretum year. That many of these plants can be improved at least in habit by good cultivation and skilful pruning appears this year in some of the *Tenuifoliae* species which grow naturally as small shrubs with numerous stems but have become here small, symmetrical, single-stemmed trees. Two good examples of this change of habit can be seen in *Crataegus Forbesæ* and *C. pastorum*, two species from Worcester County, Massachusetts, now in flower on Peters Hill. Judging by these two plants it is possible that nearly all the shrubby species can be grown, with the exception of some of the species of the *Intricatae* Group, in good soil into small trees. As usual *Crataegus nigra* was the first Hawthorn in the collection to open its flowers. This native of western Europe is a shapely tree with pale bark and large deeply lobed leaves. The flowers, which are arranged in compact clusters, have twenty stamens with anthers faintly tinged with pink, and are followed by handsome black lustrous fruits, which ripen in summer and give greater value to this tree than the flowers which are less beautiful than those of many of the American Hawthorns. The flowers of *Crataegus nigra* have soon been followed by those of several trees of the *Molles* Group like *C. arnoldiana*, *C. mollis*, *C. submollis*, *C. Ellwangeriana*, *C. champlainensis*, and *C. Treleasei*; these have been soon followed by *C. pedicellata*, *C. Pringlei*, *C. lobulata*, *C. dilatata*, *C. pruinosa*, and *C. sertata*. During the next two weeks lovers of Hawthorns will be able to see the flowers of more than two hundred species, and there will be Hawthorns flowering in the Arboretum now continually until July; by the middle or end of August the fruit of a few of the species will be ripe.

Daphne genkwa is a shrub with slender stems sometimes three or four feet high, and in its native country sometimes spreading by root-suckers; the leaves are pointed, from one to two inches long, and covered below with pale, silky hairs; the lilac-blue flowers are produced in April and May in stalked clusters from the joints of the naked wood of previous years. The long, slender wands of bloom and the unusual color of the flowers among early flowering shrubs make this *Daphne* an exceptionally attractive garden plant. A native of central China it appears to have been early carried to Japan where it was first found by Von Siebold. It was introduced into England in 1842 by Fortune, probably from a Shanghai garden. Twenty years later plants were sent from Japan by Thomas Hogg to the Parsons Nursery at Flushing, Long

Island. One of these Japanese plants flowered in the Arboretum in 1880, but generally they have never grown well in this country and it is doubtful if any of them are now in existence. In 1900 Wilson found this *Daphne* growing wild near Ichang in Hupeh and plants from his seeds were grown at the Arboretum. Some of these were killed by the severe winter of three or four years ago but the remnant of one of them has been flowering this year on Hickory Path near Centre Street. It is, however, probable that this beautiful shrub will never be a permanent success in eastern Massachusetts. A few plants have been sent by the Arboretum to more southern gardens where they are growing well and have given great satisfaction. *Daphne genkwa* is now extremely rare in the United States and every one with a plant should save all the seeds it produces, for *Daphnes* can only be successfully obtained from seeds, as it is practically impossible to increase them from cuttings.

Berberis Dielsiana is now in flower with the new Chinese Barberries on Bussey Hill. It is a magnificent plant already nearly ten feet high and from eight to ten feet in diameter with wide spreading slightly pendulous branches. The flowers are in drooping racemes like those of the common Barberry and are equally fragrant. *Berberis Dielsiana* is one of Purdom's discoveries, who found it in Shensi and among the new Barberries is only surpassed here as an ornamental plant by *B. Vernae* another of Purdom's discoveries which will not be in bloom yet for two or three weeks. Two years ago *Berberis Dielsiana* opened its flowers as early as the middle of April, but the middle of May seems to be the normal time for it to flower here, and that is before any of the other species of this group are in bloom.

1923. "Daphne genkwa." *Bulletin of popular information - Arnold Arboretum, Harvard University* 9(6), 23–24. <https://doi.org/10.5962/p.321349>.

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