than of any other Elm. The well-known Camperdown Elm is a form of this tree with regularly pendulous branches which is often planted in suburban gardens to make natural arbors; another form (var. *pendula*) has horizontally spreading pendulous branches which form an unsymmetrical, flat-topped head. There is a form with erect branches forming a narrow pyramidal head and others with leaves more coarsely toothed than those of the ordinary form and with purple and other abnormal leaves. This is perhaps the least beautiful of all the species of Elms. The abundant seeds are blown great distances and germinate so readily that seedlings are often troublesome weeds which if neglected for a few years become difficult to eradicate. For several years the leaves of this tree in the neighborhood of Boston have been turned brown and often killed by a leaf-mining insect which attacks this species but no other Elm-tree.

Ulmus minor, sometimes called *U. sativa*, is a small-leaved Elm-tree of large size which is rather closely related to *U. foliacea*. Although common in the eastern counties of England, it is possible that this tree cannot be seen in the United States outside of the Arboretum.

Ulmus hollandica. This general name has been given to a race of natural hybrids between *U. foliacea* and *U. glabra*, among which are some of the handsomest and most valuable of the European Elms. To the best known in this country of these hybrids the name *Ulmus hollandica vegeta* has been given. This tree was raised in a nursery at Huntingdon about the middle of the eighteenth century and is usually called the Huntingdon Elm. This tree often grows one hundred feet high with a massive trunk and spreading and ascending branches which make a vase-shaped head which readily distinguishes this tree from other Elms. It can be seen to good advantage in Cambridgeshire, England, especially in Cambridge, where there is a noble avenue of the Huntingdon Elm. A tree of this hybrid which grew in the grounds of Magdalen College at Oxford was believed to be the largest tree in Great Britain. In April, 1911, this tree was blown down and was found to be one hundred and forty-two feet high with a trunk twenty-seven feet in circumference at five feet above the ground. In this country this hybrid Elm grows more rapidly than other Elm-trees, and as it produces suckers it can be easily multiplied. It is not common here, however, although in the neighborhood of Boston specimens not more than sixty years old have already grown to a large size. The var. *belgica* of this hybrid is the Elm which has been most often planted as a street and roadside tree in Belgium and Holland. It is a tall tree with a straight, rough-barked trunk, a broad head of rather erect branches, and dark green leaves slightly roughened above and covered below with soft down. As this tree grows in Holland it is one of the handsomest and most desirable trees for shading city streets. This Elm appears to be little known in the United States; it is growing well in the Arboretum, but it has not been here long enough yet to show if it will be of permanent value in New England. The so-called Dutch Elm, *Ulmus major* of many English dendrologists and a common tree in English parks, is probably another hybrid of the same parentage (*U. hollandica* var. *major*). This is a very large tree with

a short trunk covered with rough bark, wide-spreading branches furnished with corky wings, and dark green leaves lustrous and nearly smooth on the upper surface and slightly downy below. As this tree produces many suckers it can be easily multiplied.

Ulmus laevis. This is a common Elm in northern Russia and in some parts of Scandinavia, and occurs occasionally in Denmark and the Balkan countries. It has been growing in the Arboretum since 1888, and is now fifty-five feet tall with a short trunk, a broad pyramidal head and dark green foliage. Botanically this Elm is closely related to the American White Elm (*Ulmus americana*) but differs from it in the thicker coat of down on the lower surface of the leaves and in its larger and sharper-pointed buds. The leaves of this tree unfold here earlier than those of any other Elm. It is probably extremely rare in the United States, but American tree lovers can wisely learn more about it.

The Arboretum Collection now contains sixty-two different Elms and includes all the known species with the exception of the four Himalayan Elms and the Mexican Elm which are not in cultivation and two species from the southern United States which are not hardy here. With few exceptions the important and interesting varieties and hybrids are represented in the collection. Many of the plants are still too small to produce fruit or to show the habit of mature trees, but as a whole the collection offers a good opportunity for the study of the leaves and branchlets of Elm-trees.

A good Rhododendron. To a Rhododendron which is growing in Mr. Hunnewell's garden at Wellesley the name of Glennyi has been given. This name is probably not correct, at least it is not found in the catalogues of garden Rhododendrons. There was once, however, in England a Mr. Glenny who raised hybrid Rhododendrons, for on the 5th of February, 1838, at a meeting of the Royal Horticultural Society in London, "Mr. George Glenny exhibited a Rhododendron said to have been raised by himself from seed. It did not appear different from a variety raised some years since by Mr. Waterer, of Knaphill, and called in the gardens *R. pulcherrimum*. It is said to have been a hybrid between *R. arboreum* and *R. caucasicum*, and was raised at Knaphill in 1832; it has pink flowers." The plant in Mr. Hunnewell's garden is evidently a hybrid of *R. caucasicum*, and has been growing there for fully fifty years. The original specimens were certainly imported from England and are now round-topped bushes about six feet high. For at least thirty years they have never suffered from heat or cold and have never failed to bloom freely. The leaves show the influence of *R. catawbiense* but the size of the flower-clusters and the size of the white flowers, which are a good deal like those of *R. Boule de Neige*, point to *R. caucasicum*. The early flowers, for this is one of the earliest of the hardy Rhododendrons to flower in this climate, show too the *caucasicum* influence. But whatever name it should bear and whatever its parentage this Rhododendron is a valuable plant, for it is certainly one of the hardiest hybrid Rhododendrons which have been planted in this country. There are only small plants in the Arboretum Collection where it has not yet flowered.

1918. "Ulmus hollandica." *Bulletin of popular information - Arnold Arboretum, Harvard University* 4(10), 39–40. <https://doi.org/10.5962/p.320850>.

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