



## **Annual Report 1874-1875**

To the President of the University:

Sir,

I have the honor to submit the following report of the present condition of the Arnold Arboretum, and of its progress during the 9 months that have elapsed since the date of my last report, December 1<sup>st</sup>, 1874.

The greenhouse of the [Bussey Institution](#) having been placed at my disposal for the uses of the Arboretum, they have been devoted to the raising of forest and ornamental trees and shrubs for future plantations. 165 species have been added to the collection, while many of the plants of the last catalogue, which were then represented by only a few specimens, have now been raised insufficient quantities. Probably over 100,000 Ligneous plants have been raised during the nine months.

The operation of thinning out the old trees with a view to their future improvement has been continued during the year, and the woods in the various portions of the grounds are now in such a condition that their further thinning is not, for the present, desirable.

Some two acres on the hill-side which forms the south-eastern boundary of the Arboretum, lying directly in the rear of the Stone Building of the Bussey Institution, have been planted with alternate Larch, Spruce, and Box Elder to supply a needed shelter to the Plainfield from the north-west winds, and to define the boundary of the Arboretum in that direction.

5,542 trees and shrubs have been presented during the nine months to various establishments and individuals throughout the United States interested in Arboriculture, and 69 have been sent to the Royal Gardens, Kew, England.

The largest recipients have been the new Botanic establishment at Chicago, the Massachusetts Agricultural College at Amherst, and the University of Vermont. The department of propagation of the Botanic Garden has been transferred to the Arboretum with excellent results in every way. The greenhouses are better suited for such operations than those at Cambridge, and the whole attention of the assistants being directed to the raising of seedlings, they are enabled to produce plants more surely and with much greater economy.

Of plants so propagated, 1,643 have been placed in the Botanic Garden during the nine months, and 5,520 have been distributed in the name of, and for the benefit of, that establishment.

The many contributions to the Arboretum having, for greater convenience, been mentioned in my Report of the condition of the Botanic Garden, it is unnecessary to acknowledge them here.

C. S. SARGENT, Director.