



Annual Report 1893-1894

TO THE PRESIDENT OF THE UNIVERSITY:

DEAR SIR:

I have the honor to submit the following report on the condition and progress of the Arnold Arboretum during the year ending July 31st, 1894:

Two courses of instruction in dendrology were given by [Mr. J. G. Jack](#) whose lectures were supplemented by excursions of three or four hours in the woods, plantations and nurseries. The first course was given in September and November, with an average attendance of twenty-four, and the second in May and June, with an average attendance of forty. These classes are composed largely of teachers who often follow them from year to year. One special student studied in the Arboretum during the winter and spring months with a view of fitting himself to become a practical forester.

The number of people who visit the Arboretum from curiosity, to enjoy its silvan beauties, or to avail themselves of the opportunity to study its collections, appears to be increasing rapidly and its educational value as a great object lesson must already be considerable. The most important work begun during the year has been the rearrangement of the shrub collection. This was first brought together ten years ago, when it was planted provisionally for purposes of study in thirty-seven beds, each seven feet wide, with a total length of 8,325 feet; the collection has increased rapidly and had long ago outgrown its quarters. The construction of the parkway by the city of Boston along the eastern boundary of the Arboretum and the Forest Hills entrance into the Arboretum from the parkway has made it possible to extend and rearrange this collection, which will now occupy fifteen beds, each eleven feet wide, with a total length of 8,330 feet, and an area of 33,320 square feet more than the others. This change necessitates lifting every plant and regarding the beds. Two beds and three half-beds were made in the autumn and planted in the spring, and the remaining beds will be made and planted during the coming year.

Trees in the Magnolia, Rue, Linden, Melia, Sumach and Rose families have been planted in the systematically arranged tree-collection and the space devoted to these groups is now practically filled. The ground surrounding the Museum has been graded and converted into a shrubbery, about 25,000 plants having been used during the year for this purpose and to extend the shrubberies bordering the drives.

The collections and the trees in the natural woods are in a healthy condition and, on the whole, have made satisfactory progress during the year in spite of the extraordinary drought of the spring and summer.

The interchange of plants and seeds with other botanical and horticultural establishments has been continued during the year. There have been 12,555 plants (including cuttings and grafts) and 1,080 packets of seeds distributed as follows: To the United States and Canada, 11,601 plants and 245 packets of seeds; to Great Britain, 787 plants and 271 packets of seeds; to the continent of Europe, 167 plants and 381 packets of seeds; to Japan, 183 packets of seeds. There have been received during the year 5,243 plants (including cuttings and grafts) and 431 packets of seeds from 51 donors.

There have been added to the Herbarium 1,301 sheets of dried woody plants during the year, including a collection of Bolivian plants from Professor H. H. Rusby of the College of Pharmacy, New York; Arizona plants from Professor J. W. Toumey of the University of Arizona; plants of Lower California from Mr. T. S. Brandegee of San Diego; Apalachian plants from Mr. J. K. Small of New York; California plants from the California Academy of Natural Science, and a set of plants from the valley of the Amour River, communicated by the director of the Imperial Botanic Garden of St. Petersburg.

The Library has received by gift 350 bound volumes and a number of pamphlets. During the year the fifth and sixth volumes of *The Silva of North America*, prepared in the Arboretum, and fifty-two numbers of *Garden and Forest*, have been published.

C. S. SARGENT, Director.