



## Annual Report 1888-1889

TO THE PRESIDENT OF THE UNIVERSITY:

SIR,

I have the honor to submit the following report of the condition and progress of the Arnold Arboretum during the years ending August 31, 1889:

The operations of the year have been of a purely routine character. [The Park Commissioners of the city of Boston](#) did no work whatever on the extension of their roads through the Arboretum; and as it is impossible to plant the ground near the location of the proposed roads until the slopes are graded, all work of this character came to a standstill two years ago. The Commissioners now propose to carry on again their plans for the development of the Arboretum, and to build during the coming year a road connecting the present completed driveway with Bussey Street. This new section of road will, when finished, open the most picturesque and attractive part of the Arboretum; and will enable me to complete the arrangement of the collection of coniferous trees commenced several years ago. The building of this road, and the preparation of the ground it will open, will finish the western part of the Arboretum, in which will be found most of the large and important forest-trees requiring the longest period for the display of their true character. The various groups of trees already planted, forming part of the general collection, and the special shrub collection, have grown well during the past summer, and are in a satisfactory condition. The collection of shrubs, now very large and fairly well named, is not, I believe, surpassed by that in any other garden. The work of pruning and renovating the old and decaying trees in the natural wood goes on regularly; and the good results obtained by the system in use are now apparent in the trees first operated on bordering portions of the drive between Centre and South streets.

### INTERCHANGE OF PLANTS AND SEEDS

The interchange of plants and seeds with other Botanical and Horticultural establishments has been continued throughout the year. 16,146 plants (including grafts and cuttings) and 537 packets of seeds were distributed as follows: To all parts of the United States, 15,703 plants and 257 packets of seeds; to Great Britain, 215 plants and 108 packets of seeds; to the continent of Europe, 228 plants and 172 packets of seeds. There have been received during the year 2,809 plants and 349 packets of seeds.

## HERBARIUM AND MUSEUM

The ordinary work of the Herbarium and Museum has been continued during the year. 1,175 sheets of dry plants have been added to the collection. The most important of these are a duplicate set of the Leife Herbarium of Salix, and Hymalayan and West China plants from the Herbarium of the Royal Gardens, Kew; North Mexican plants from C. G. Pringle; a set of the woody plants found on the island of Santa Cruz, off the California coast, from T. S. Brandegee; and plants of Asia Minor from Max Leichtlin. The principal addition to the Museum has been a set of 165 specimens of woods from almost every part of the world, and 20 bags of tree-fruits, presented by the Director of the Royal Gardens, Kew. Duplicate wood specimens to the number of 191 have been distributed, principally among European investigators.

A small collection of woods cut from young trees grown in the Arboretum, illustrating the rate of growth of different species under different conditions, and a plan of the Arboretum, showing the scheme of its arrangement, prepared for the purpose by Messrs. F. L. & J. C. Olmsted of Brookline, were sent, at the request of the Secretary of Agriculture of the United States, to the Paris Exposition. They formed part of the exhibit made by the Forestry Division of the Department of Agriculture of the United States and have been awarded silver medal.

C. S. SARGENT, Director.