



## Annual Report 1912-1913

TO THE PRESIDENT OF THE UNIVERSITY:

SIR,

I have the honor to submit the following report on the progress and condition of the Arnold Arboretum during the year ending June 30, 1913.

The principal work carried on during the year has been, in the herbarium, the study of the large collection of plants obtained through the Arboretum expeditions in western China, and the permanent arrangement and distribution of the living plants secured through these expeditions. Insufficient space makes it difficult and sometimes impossible properly to display the large number of new plants raised here during the last few years. When the plans of the Arboretum were first made no one could have imagined the enormous additions to the number of species of woody plants, then unknown, which thirty years were to add, largely through the efforts of the Arboretum itself, to the list of trees and shrubs which can be successfully cultivated in this climate. That this number will be still further increased in the next few years both by exploration and by the art of the hybridizer is certain, and, unless additional land can be obtained, the Director of the Arboretum will find it impossible to carry out the provisions of the agreement made by the President and Fellows with the Trustees under [Mr. Arnold's](#) will, by which it is provided that every tree and shrub hardy in New England must find a place in the Arboretum.

At the present time the Arboretum holds an important and commanding position among institutions of its kind, but without more land it cannot be long maintained as a scientific station for dendrological research or as a museum for the display of living plants of the first class, and its usefulness and influence must suffer.

The library now contains 28,504 bound volumes and 6748 unbound pamphlets, 1798 volumes and 108 pamphlets having been added during the year. The printing of the catalogue of the library has been begun during the year and nearly one-half of the first volume, the authors' catalogue, is already in type.

During the year 4,793 sheets have been inserted in the herbarium. The interchange of plants and seeds with other horticultural and botanical establishments has been continued during the year. Sixteen thousand, two hundred and ninety-one plants, including grafts and

cuttings, and 703 packets of seeds have been distributed as follows: To the United States, 14,182 plants and 412 packets of seeds; to the Dominion of Canada, 270 plants and 27 packets of seeds; to Great Britain, 975 plants and 131 packets of seeds; to the continent of Europe, 864 plants and 74 packets of seeds; to the Hawaiian Islands, 13 packets of seeds; to Japan, 46 packets of seeds. There have been received 4871 plants and 541 packets of seeds; of these, 4595 plants and 225 packets of seeds came from the United States; 104 plants and 66 packets of seeds from Great Britain; from the continent of Europe, 172 plants and 73 packets of seeds; from China, 171 packets of seeds; and from India, 6 packets of seeds.

During the year instruction in dendrology has been given by [Assistant Professor Jack](#) to students in forestry and to a class of twenty-eight special students, principally teachers. The third part of the [Plantae Wilsonianae](#), of 298 pages, has been published during the year. In the preparation of this work the staff of the Arboretum has received assistance from Dr. Camillo Schneider, of Vienna, who has elaborated the *Berberidaceae*, and from Dr. E. Koehne, of Berlin, who has elaborated *Sorbus*.

During the year the second volume of the [Bradley Bibliography](#) has appeared, and more than one-half of another volume is in type.

During the year 16 numbers of the *Bulletin of Popular Information* described in my last report have been issued.

I take this opportunity to express my thanks to the members of the Visiting Committee, through whose industry, enthusiasm and influence the income of the Arboretum for the year has been substantially increased. The thanks of the Arboretum, too, are due to the Trustees of the Massachusetts Society for Promoting Agriculture, who have continued their generous grant to the Arboretum to increase the knowledge of trees.

C. S. SARGENT, Director.