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NATIONAL ACADEMY OF SCIENCES

OF THE UNITED STATES OF AMERICA  
BIOGRAPHICAL MEMOIRS  
VOLUME XIX—FIFTH MEMOIR

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BIOGRAPHICAL MEMOIR

OF

NATHANIEL LORD BRITTON

1859-1934

BY

E. D. MERRILL

*With bibliography by*  
JOHN HENDLEY BARNHART

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PRESENTED TO THE ACADEMY AT THE ANNUAL MEETING, 1938

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*N. C. Britton*

## NATHANIEL LORD BRITTON

1859-1934

BY E. D. MERRILL

To establish one's self as one of the outstanding productive botanists of his time is an achievement in itself, but it is quite another thing at the same time to develop in connection with one's active scientific work, an outstanding scientific institution planned to perpetuate and increase research in the field in which the individual was interested. Yet this is the record of accomplishment of the subject of this biographical memoir. As ably expressed by Doctor Marshall A. Howe:

"Opportunity and the man conjoined to make the career of Nathaniel Lord Britton a notable one. The City of New York, spacious and wealthy, was a fitting site for an institution to be devoted to the study of plant sciences and to the public display of plants and plant products of scientific, economic, and horticultural interest. Doctor Britton was the man of vision, energy, and resource, who, above all others, made the dream of a few a living reality. In a very large measure, it was his driving, vitalizing force that, within less than thirty-five years, converted raw materials into the New York Botanical Garden, one of the leading institutions of the kind in the world."

Born at New Dorp, Staten Island, now the Borough of Richmond of New York City, on January 15, 1859, Doctor Britton died at his home, 2965 Decatur Avenue, New York, June 25, 1934, in the seventy-sixth year of his age. He was the son of [Jasper] Alexander Hamilton Britton and Harriet Lord Turner, and it has been said that his parents hoped that he might follow a clerical career. The interest of a neighbor, John J. Croke, an individual of considerable scientific attainments himself, led to young Britton's being sent to the School of Mines in Columbia College, where he was prepared for his future scientific career. Doubtless his early close association with the late Doctor Arthur Hollick, a classmate in the School of Mines, and the influence of Professor John Strong Newberry, Professor of Geology and Mineralogy, and an "old school" naturalist, had their effect on the shaping of Doctor Britton's future career.

It is probable that Doctor Britton was a descendant of James Britton who came to the American colonies from London in 1635, although it seems likely that the name was of French rather than of English origin. The name is not an uncommon one in the early records of New Jersey and New York. In any case William Britton settled on Staten Island about 1664. In 1695 Nathaniel Britton acquired title to the Obadiah Holmes property in New Dorp, Staten Island, and in 1925 Nathaniel Lord Britton and his wife Elizabeth Gertrude, deeded a part of this land, with the old Britton cottage, to the Staten Island Institute of Arts and Sciences to ensure its preservation as long as possible as an example of early colonial construction.

It is apparent that Doctor Britton's interest in botany developed at an early age, long before he entered college, for it is recorded that even as a child he knew the names of local plants in a way that seemed very mysterious to his parents. In any case, in spite of his collegiate training in geology and mining, the study of plants soon became his dominant interest.

In 1879, before he had reached his twenty-first birthday, he was graduated from the School of Mines of Columbia College with the degree of Engineer of Mines. At that time there was little formal instruction in botany in Columbia College, Professor Newberry giving lectures in both geology and botany. He had published numerous papers on fossil plants and a few on living ones, and naturally encouraged young Britton's botanical interests. Like many others who made their mark in botanical science in the days before the great development of laboratory technique so characteristic of modern botanical training, Dr. Britton's interest was a personal one because of his abiding interest in plants and in plant life. He was to a very considerable degree self-trained in his chosen career. He joined the Torrey Botanical Club in October, 1877, and in the year of his graduation his first extensive botanical paper appeared, this being "The flora of Richmond County, New York," in joint authorship with Arthur Hollick, although he had published shorter botanical notes in 1877 and 1878.

Following his graduation from the School of Mines he was appointed Assistant in Geology under Professor Newberry and

for the five succeeding years he also served as Botanist and Assistant Geologist on the Geological Survey of New Jersey. In 1881 his "Preliminary Catalogue of the Flora of New Jersey" appeared, this apparently serving as his thesis for the degree of Doctor of Philosophy which he received that year from Columbia College. In 1887 he received an appointment as Instructor in Botany and Geology, at Columbia. He even gave courses in zoology in 1887-88. At this time he largely took over Professor Newberry's botanical instruction. In 1890 he was appointed Adjunct Professor of Botany, and in 1891 Professor of Botany. On his appointment as Director-in-Chief of the newly established but as yet unorganized New York Botanical Garden in 1896 he became Professor of Botany Emeritus at the early age of thirty-seven years. Under arrangements perfected between the Garden and Columbia University, the Director of the Garden became, ex-officio, a Professor of Botany in the University.

Doctor Britton was married on August 27, 1885 to Elizabeth Gertrude Knight who materially assisted him in his botanical efforts because of her own abiding interest in botany. Starting with a keen interest in the local flora he gradually extended his field assembling data, perhaps unconsciously at first, but later with the definite motive of preparing the famous Britton and Brown "Illustrated Flora of the Northern United States and Canada" which appeared in three volumes 1896-98; there was a second edition in 1913, and this, forty years after its first publication, is still standard although, of course, revision is now needed. It was the first fully illustrated "Flora" on any part of North America. The preparation of such a work, an enormous task in itself, did not restrict the author's output of other papers, and during much of the period devoted to its preparation Doctor Britton served as editor of the Bulletin of the Torrey Botanical Club (1889-97), the pioneer American botanical periodical.

The illustrated flora project was the joint idea of Doctor Britton and Judge Addison Brown. Its preparation was made possible through funds provided by Judge Brown, but there is every reason to believe that the initial outlay was repaid by royalties from its sale. This reference work, although of course

more or less out of date, is still in demand, with steady annual sales of several hundred copies each year. While Doctor Britton devoted an enormous amount of time to its preparation, Judge Brown worked with him throughout the period of its preparation and publication.

Other outstanding major works include his "Manual of the Flora of the Northern States and Canada" (1901, ed. 2, 1905, ed. 3, 1907), "North American Trees" (1908, with J. A. Shafer), the "Flora of Bermuda" (1918), the "Bahama Flora" (1920, with C. F. Millspaugh), and "The Botany of Porto Rico and the Virgin Islands" (1923-30, with P. Wilson). His *magnum opus*, prepared in association with J. N. Rose, is "The Cactaceae", a four volume, copiously illustrated monograph of this most difficult plant family, published by the Carnegie Institution of Washington, 1919-23. In this work 124 genera and about 1,237 species of this perplexing family are described. No matter what future botanists may attempt or achieve in their consideration of this great family of plants, this Britton and Rose monograph forms a datum plane from which all future work must proceed.

Doctor Britton became interested in the flora of the West Indies at an early date, the first expedition being sent by the Garden in 1898, his own first field trip being in 1901. He participated personally in at least thirty botanical expeditions in the islands, for he was convinced that exploration of this region would be most fruitful. Most of this West Indian work was financed by him personally. In connection with the problem of financing field work he was most successful in developing cooperative expeditions whereby several institutions contributed to the expenses of field parties, the resulting collections being equitably divided among the cooperating units.

Throughout his productive life, Doctor Britton was a voluminous writer. In his earlier career, teaching duties, while of course taking time, were not allowed to restrict his productive activity, for it should be remembered that it was Britton who established and organized the Department of Botany in Columbia University. When he took charge he found very inadequate literary facilities, comprising not more than 1000 volumes. The

valuable herbarium established by Doctor John Torrey, rich in types and historical material, was in the greatest disorder, suffering from neglect, and in utterly inadequate quarters. He undertook, with the greatest zeal and energy, the task of correlating the scattered elements into one series of botanical specimens and the building up of a botanical library worthy of the University. Within a few years the herbarium was more than tripled in size and the botanical library was vastly increased. Later, when charged with very heavy organization and administrative duties at the New York Botanical Garden, we find the same situation to prevail; nothing was permitted unduly to interfere with his productive output in botany. One marvels at his energy, his ceaseless mental activity, and at the diverse productive results.

In view of the comprehensive bibliography appended to this paper there is little need to go into detail regarding Doctor Britton's publishing activities. The long list speaks for itself. Others unhampered by exacting demands on their time by social duties, political contacts, appeals for funds, dealings with architects, engineers, city and corporation officials, and a thousand and one details appertaining to the establishment, financing, and development of a great institution may look with equanimity on their productive output in publication. Yet one wonders how many of them could have continued to be productive had they been faced with the multitudinal problems, large and small, that Doctor Britton met day after day, week after week, month after month, year in and year out, and still find time to produce technical paper after technical paper. It takes a rare combination of qualities, and above all persistence, abiding faith in one's work, and deep and unfaltering interest in the daily task to produce results under such circumstances, and these qualities were Doctor Britton's to an eminent degree. He worked unceasingly himself and he expected his associates to do likewise. Above all he provided the opportunities for his associates to accomplish that in which they were individually interested through his organizing and administrative ability.

After all is said and done, in spite of Doctor Britton's notable contributions to botanical science, his greatest achievement was

undoubtedly the establishment and development of the New York Botanical Garden, a living monument to his memory. The institution was his in a very real sense, and to it he devoted his best efforts through much of his productive life.

Doctor Britton himself is the authority for the statement that the idea of establishing such an institution was due to a remark made by Mrs. Britton in 1888, when they were visiting the Royal Botanic Gardens at Kew, to the effect "Why couldn't we have something like this in New York?" On October 24, 1888, Mrs. Britton gave a description of Kew at a meeting of the Torrey Botanical Club, and at the next meeting of the Club a special committee was appointed, of which Doctor Britton was a member, to consider what might be done in reference to the establishment of a botanical garden in New York. On January 8, 1889, an appeal for such a garden, prepared by the committee, was adopted and ordered printed. How many potentially great projects stop here. The situation has been ably presented by Doctor H. H. Rusby.\*

"Doctor Britton's accomplishment in the establishment of our Botanical Garden is not likely to fail of appreciation by future generations, but they might easily fail to appreciate the difficulties attending such a vast work on such insufficient resources. Looking back on the conditions that confronted the enterprise, they seem appalling, and the undertaking hopeless—yet—here is the garden, just pride of a nation! None of the enthusiastic botanical band, with the exception of Judge Brown, possessed enough means to justify even the starting of a subscription list, and but a very few of them had wealthy associates who might become interested. Again it was Doctor Britton who succeeded in inducing those few to initiate a campaign for funds. For years, the attempt persisted, but the work lagged and it was not until a determined group of women, led by Mrs. Britton, took to the warpath, that the minimum endowment of \$250,000 was secured, and of this only the income might be used. Money for grading, road, path and bridge building, the location of lakes and the erection of buildings and conservatories, had still to be secured from the city administration."

Following the adoption of the committee report by the Torrey Botanical Club January 8, 1889, the consent of the Department

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\* Science n. s. 80: 108-111. 1934.



of Parks was secured providing for the establishment of the proposed garden could means for its maintenance be procured. The corporation known as "The New York Botanical Garden" was chartered by special enactment of the New York Legislature effective April 28, 1891. The list of incorporators included the names of forty-eight distinguished citizens of New York. The Act authorized and directed the Park Commissioners to set aside for the proposed garden an area not exceeding 250 acres in some park north of the Harlem River, if, within seven years, the corporation should procure by subscription an initial endowment of not less than \$250,000.

About four years later, when the required amount had been subscribed, the Park Commission was requested to set aside 250 acres in Bronx Park as a garden site, and the Board of Estimate was requested to appropriate \$500,000 for the erection of suitable buildings, as had been made mandatory by the Act of the state legislature. The officers of the first Board of Managers consisted of Cornelius Vanderbilt, President; Andrew Carnegie, Vice-president; J. Pierpont Morgan, Treasurer; and N. L. Britton, Secretary.

In New York City there are several quasi-city units of great cultural value to the community. They are in part supported by direct city appropriations, in part by income from their endowments, and by gifts from philanthropically minded citizens; all are under the control of their own governing boards. Already established and in operation on this principle were the Metropolitan Museum of Art, the American Museum of Natural History, the New York Public Library, and the Brooklyn Institute of Arts and Sciences. To this category was now added the New York Botanical Garden, another orphan, adopted by and in part supported by the City; and soon after this (in 1895) the New York Zoological Park.

Late in 1895 or early in 1896 an agreement was made with Columbia College whereby the herbarium and botanical library of that institution were to be deposited at the Garden, the facilities of the Garden to be made available to the faculty and advanced students of Columbia College. On June 17, 1896, Doctor Britton was formally appointed Director-in-Chief of the new

institution. The garden site, 250 acres, in Bronx Park had been set aside in July 1895, to be increased in 1915 to an area of nearly 400 acres.

The challenge that Doctor Britton met was 250 acres of raw undeveloped land, no roads, bridges, fences, or buildings, an assured endowment of \$250,000 of which the income only could be used, no laboratories, library, or herbarium, no staff, but with the hope of some financial support from the city and the potential hope that citizens of means would by gift or bequest, help support the infant institution. How well he met the challenge may be briefly indicated by the statement that in the thirty-three years of his directorate he saw the Garden develop from an idea to a well developed tract of 400 acres, a commodious administrative building and museum, ample greenhouse and conservatory facilities, a great collection of books containing 43,500 bound volumes, one of the great botanical libraries of the world, a reference herbarium in excess of 1,700,000 specimens from all parts of the world, well equipped laboratories, an active and productive staff, a publishing institution sending its product to the ends of the world, its initial endowment of \$250,000 increased to approximately \$2,500,000, an auxiliary membership (annual, supporting, and life) of nearly 2000 individuals, and its annual city appropriation greatly increased. The end attained justified the faith of the moving spirit in the enterprise, but how many men, situated as Doctor Britton was in 1895, would have had the courage to accept the challenge, and had the faith that the desired end could be accomplished?

One marvels at the early and rapid expansion of this new institution, particularly when one considers the paucity of financial support in the early critical years. As expressed by Doctor Rusby, who also quotes the expression that in those early years every dollar of the Garden's funds was made to do the work of four: "This success, in carrying the garden through its lean early decades, could never have been accomplished but for the generous and self-denying support of as loyal a staff as has ever blessed any similar institution, and this devotion was in no small degree attributable to the director's personality." Explorations were initiated in various parts of North America, in the Philip-

pinus, in the West Indies, and in South America. A well-rounded research program, not confined to the taxonomy of the flowering plants and cellular cryptogams was rapidly developed, including plant physiology, plant pathology, palaeobotany, and popular education. Manuals were prepared covering the floras of the northeastern United States, the southeastern States, and the Rocky Mountain region. Soon there appeared in the periodical field the "Journal" and the "Bulletin" of the New York Botanical Garden, a series of "Contributions," and the "Memoirs," somewhat later to be followed by the establishment of "Mycologia" and "Addisonia." As early as 1901 work on the preparation of the "North American Flora" was initiated, originally planned to be completed in thirty volumes. Intended as a descriptive flora to cover all known North American species of plants in all groups from Alaska and Greenland to the West Indies and Panama, seventy-four parts were published in Doctor Britton's lifetime. This extensive undertaking was due in large part to Doctor Britton's initiative, the work being done by members of the staff of the New York Botanical Garden, with important contributions from botanists in other institutions. As another indication of his keen insight into what is necessary in a publishing botanical institution he pioneered again in creating the position of bibliographer on the staff, the first position of the kind, it is believed, in any botanical institution.

Doctor Britton's personal interests in the development of the work of the Botanical Garden were particularly strong in the building up of the very comprehensive botanical library and the great reference herbarium. He did not limit the accessions to publications and material appertaining particularly to the problems or to the areas in which he was personally interested. He took an exceedingly catholic viewpoint, in his desire to make the conditions as to material and literature of equal value to all staff members regardless of their fields of special interest. To the library he presented all published material that was personally sent to him by correspondents from all over the world, and freely used his own personal funds and secured funds from various other sources to acquire important sets of plants and private

herbaria as they became available to enrich the reference collections, and books to enrich the library.

His breadth of view is illustrated by the plan originated and consummated by him of bringing together in one place the scattered herbaria and botanical literature in New York, at the Garden, including the historical Torrey herbarium and the general herbarium of Columbia University, that of Barnard College, and the herbarium of the American Museum of Natural History. His interest was not limited to the higher plants as witnessed by his fortunately consummated plans of acquiring for the Garden the very important Ellis and Everhart collection of fungi, and the magnificent Mitten collection of mosses, both collections being exceedingly rich in historical material and containing many thousands of types. In the library field he planned and consummated the purchase of all the botanical works in the library of the Conservatoire et Jardin botaniques de Genève that were duplicated when the very important DeCandolle library was presented to the latter institution, thus vastly increasing the library resources of the New York Botanical Garden.

Outside of the library and herbarium interests of Doctor Britton was the field of palaeobotany. He took advantage of the opportunity of broadening the field of the New York Botanical Garden by establishing palaeobotanical work at the Garden, fully realizing, as apparently others have not done, that palaeobotanical research can best be done in close association with a great reference herbarium. In developing this field he naturally turned to his early associate Doctor Arthur Hollick, giving him the opportunity of developing this special field of investigation at the Botanical Garden. In no other botanical institution in America, and in very few elsewhere, was the field of research so broadly planned and developed as under Doctor Britton's leadership at this, the youngest and yet one of the greatest, botanical gardens in the world.

Doctor Britton was naturally the recipient of many honors, but honors rested lightly on his shoulders. He was the recipient of the Sc.D. degree from Columbia University in 1904, and the LL.D. degree from the University of Pittsburgh in 1912. He was elected a Fellow of the American Academy of Arts and

Sciences in 1925, a member of the National Academy of Sciences in 1914, a member of the American Philosophical Society in 1928, and a foreign member of the Linnean Society of London in 1925. He served as Vice President of the American Association for the Advancement of Science in 1896, President of the Botanical Society of America in 1898 and in 1920, President of the New York Academy of Science in 1907, and was made honorary president of the International Desert Conservation League in 1930. He was chairman of the Scientific Survey of Porto Rico and the Virgin Islands from its organization, at his instigation, by the New York Academy of Sciences, until his death. In the latter part of 1934, a peak 3200 feet high in the Luquello National Park in Porto Rico was named Mount Britton in his honor, in appreciation of his many years of service in developing our biological and geological knowledge of Porto Rico.

Although slight in build and of frail physique, Doctor Britton was a man of tireless energy, quick to perceive and to execute what needed to be done, with a remarkably retentive memory, a highly developed faculty for order and dispatch, and with the gift of concise expression. He was an individual of pronounced ideas, and in the often acrid nomenclatural controversies of the last decade of the last century and the first decades of the present one, he was an outstanding champion of strict priority in publication and a strong exponent of the so-called "American" code of botanical nomenclature as contrasted to the international rules. As a result his own publications and most of those prepared by his associates in New York were issued under the "American" code. Many botanists frankly admit that certain provisions of the "American" code were superior to the original provisions of the International code. The two are now so measurably close, except on the two questions of conserved generic names and Latin diagnoses, that the acrid controversies of the productive years of Doctor Britton's botanical career are now but a memory. Differences of opinion could not be avoided between exponents of the conservative viewpoint in nomenclature and the progressive or liberal element, and Dr. Britton was a consistent liberal.

While Doctor Britton would be considered conservative in the

matter of delimiting species, in generic segregation he was extreme, rather than conservative, tending to separate genera on what many botanists consider to be slight characters. Essentially, genera and species being subjective concepts, rather than objective realities, no such thing as legislative authority, as to what shall constitute the limits of a genus or a species, is possible. Doctor Britton did not dictate to his associates and subordinates, but rather let each use his own judgment on the complex problem of what constitutes the limits of this or that major or minor group. Always an individual of strong convictions, never hesitating to express his own ideas, no matter whether others might be expected to agree with him or not, Doctor Britton continued his productive work regardless of some perhaps just, but some distinctly unjust criticism. He knew what he desired to accomplish and was eminently successful in devising ways and means of accomplishing his purpose. His great accomplishment in the establishment of the New York Botanical Garden in a great and essentially commercial city, was never more than a means to an end with him, for always first and foremost in his thoughts was botanical research, the means for making such research possible, and the publication of the results obtained.

As his own financial resources increased he liberally supported, by his own personal funds, those projects that appealed to him, particularly those associated with the New York Botanical Garden. On his death, indicating his abiding faith in the institutions he helped to organize and to develop through their years of struggle, he bequeathed one-half of his estate in varying amounts, to the New York Botanical Garden, the Torrey Botanical Club, the New York Academy of Sciences, the Staten Island Institute of Arts and Sciences, and Columbia University. Doctor Britton's wife, Elizabeth Gertrude Britton, herself a botanist of note, died four months before him, and from this shock of separation Doctor Britton never fully recovered. There were no children. He was survived by a sister, Harriet Louise Britton, and a brother, Richard H. Britton, both of Great Kills, Staten Island.

Sixty-nine species and varieties of living and fossil plants have been dedicated to Doctor Britton, and fifteen plants and

one animal have been named for Mrs. Britton. In addition two species of plants have been named in honor of the two conjointly. The generic names *Brittonamra*, *Brittonastrum*, *Brittonella*, *Brittonrosea*, *Bryobrittonia*, and *Neobrittonia* perpetuate his name among botanists. Further to perpetuate his name the periodical "Brittonia" was established as an official serial of the New York Botanical Garden in 1931, devoted to those fields of botanical research in which Doctor Britton was personally interested. In 1935 the great reference herbarium of the New York Botanical Garden was officially designated as the "Britton Herbarium."

The New York Botanical Garden is a constant reminder of the energy, wisdom, scientific attainments, and organization and administrative ability of Nathaniel Lord Britton. His name is indelibly associated with the annals of botany of North and South America and the West Indies. No monument is necessary to perpetuate his name for of him, in association with the great institution he established, it may truly be said: *Si monumentum requiris, circumspice.*

PUBLISHED BIOGRAPHICAL SKETCHES OF  
NATHANIEL LORD BRITTON

- Davis, W. T.** Nathaniel Lord Britton. Proc. Staten Island Inst. Arts Sci. 7: 101-108. 1934.
- Fernald, M. L.** Nathaniel Lord Britton (1859-1934). Proc. Am. Acad. Arts Sci. 70: 505-506. 1936.
- Hochreutiner, B. P. G.** Un grand naturaliste américain, Nathaniel Lord Britton (1859-1934). Rev. Gen. Sci. 46: 1-2. 1935.
- Howe, M. A.** Nathaniel Lord Britton. Jour. N. Y. Bot. Gard. 35: 169-180, *portr.*, 1934.
- Leon, Hermano.** Nathaniel Lord Britton, 1859-1934. Mem. Soc. Cub. Hist. Nat. 8: 345-349. 1935.
- Merrill, E. D.** Nathaniel Lord Britton. Proc. Linn. Soc. London, 161-165. 1935.
- . Nathaniel Lord Britton. Year Book Am. Philos. Soc. 341-343. 1937.
- Noble, W. D.** Dr. Nathaniel L. Britton, Biologist. Rev. Obras Publ. Puerto Rico 11: 669-670. 1934.
- Nolla, J. A. B.** El Doctor Nathaniel Lord Britton. Puerto Rico Illustr. 25: 14-15, 57-58, *illus.* 1934.
- Rusby, H. H.** Nathaniel Lord Britton. Science n.s. 80: 108-111. 1934.
- Sprague, T. A.** Nathaniel Lord Britton. Kew Bull. 275-279. 1934.

BIBLIOGRAPHY

*Contributed by John Hendley Barnhart*

1877

Staten Island plants. Bull. Torrey Club 6: 177-179. October, 1877.

1878

When the leaves fall. Bull. Torrey Club 6: 211-213. March, 1878.

When the leaves appear. Bull. Torrey Club 6: 235-237. June, 1878.

Staten Island plants. Bull. Torrey Club 6: 259, 260. September, 1878.

1879

The flora of Richmond County, New York. (With Charles Arthur Hollick.) 1-36. [March] 1879.

Notes on the relative age and dimensions of a number of different trees. Bull. Torrey Club 6: 309, 310. May, 1879.

Branched catkins of Salix. Bull. Torrey Club 6: 312. May, 1879.

White strawberry.—Staten Island plants.—Cyperus. Bull. Torrey Club 6: 323. June, 1879.

Notes on Cyperus L. Bull. Torrey Club 6: 339, 340. August, 1879.



1880

- Flora of Richmond County, N. Y. Additions and new localities, 1879.  
(With Charles Arthur Hollick.) Bull. Torrey Club 7: 11, 12.  
January, 1880.
- Juncus maritimus*. Bull. Torrey Club 7: 18. February, 1880.
- Monstrosity in *Carya alba*. Bull. Torrey Club 7: 21. February, 1880.
- Juncus setaceus*. Bull. Torrey Club 7: 36. March, 1880.
- Note on the difference between *Cyperus ovularis* Torr. and *C. cylindricus*  
N. L. Britton. Bull. Torrey Club 7: 48, *pl.* 3. April, 1880.
- Notes [on mineralogy]. Sch. Mines Quart. 1: 198, 199. May, 1880.
- On the northward extension of the N. J. pine barren flora on Long and  
Staten islands. Bull. Torrey Club 7: 81-83. July, 1880.
- Contributions toward a list of the state and local floras of the United  
States. [I. The eastern states.] (With William Ruggles Gerard.)  
Bull. Torrey Club 7: 108-111. October, 1880.

1881

- Notes on the Middlesex County, N. J., flora. Bull. Torrey Club 8: 7.  
January, 1881.
- Contributions toward a list of the state and local floras of the United  
States.—Addenda to Part I. (With William Ruggles Gerard.) Bull.  
Torrey Club 8: 7, 8. January, 1881.
- Contributions toward a list of the state and local floras of the United  
States. II. The middle states. (With William Ruggles Gerard.)  
Bull. Torrey Club 8: 16-18. February, 1881.
- The true geological age of the metamorphic rocks of New York Island  
and Westchester County. Sch. Mines Quart. 2: 141, 142. March,  
1881.
- The flora of Richmond County, N. Y.—Additions. (With Charles Arthur  
Hollick.) Bull. Torrey Club 8: 48. April, 1881.
- On the geology of Richmond County, N. Y. [Abstract.] Sch. Mines  
Quart. 2: 165-173. May, 1881.
- On the geology of Richmond County, N. Y. Ann. N. Y. Acad. 2: 161-  
182, *pl.* 15. May, 1881.
- Contributions toward a list of the state and local floras of the United  
States. The middle states. (Continued.) (With William Ruggles  
Gerard.) Bull. Torrey Club 8: 81-83. July, 1881.
- A preliminary catalogue of the flora of New Jersey. i-xiii, 1-233. [July]  
1881. (Geological Survey of New Jersey.)
- White-fruited *Mitchella repens*. Bull. Torrey Club 8: 111. October,  
1881.
- Symphoricarpus racemosus* Michx. var. *pauciflorus* Robbins in New York  
State. Bull. Torrey Club 8: 114. October, 1881.
- A large grape-vine. Bull. Torrey Club 8: 116. October, 1881.
- Peculiarly-lobed leaves in *Quercus alba* L. Bull. Torrey Club 8: 126,  
*f.* November, 1881.

1882

- Additional notes on the geology of Staten Island. Trans. N. Y. Acad. 1: 56, 57. 1882.
- On a hybrid oak near Keyport, N. J. Bull. Torrey Club 9: 13-15, *pl.* 10-12. February, 1882.
- Contributions toward a list of the state and local floras of the United States. III. The south-eastern states. (With William Ruggles Gerard.) Bull. Torrey Club 9: 80-82. June, 1882.
- Helonias bullata* on Staten Island. Bull. Torrey Club 9: 101. August, 1882.
- On some large pot-holes, near Williamsbridge, N. Y. Trans. N. Y. Acad. 1: 181-183. 1882.
- Flora of Richmond Co., N. Y. Additions and new localities. (With Charles Arthur Hollick.) Bull. Torrey Club 9: 149-151. December, 1882.
- Notes on the autumn flora of southern Wyoming and eastern Colorado. Bull. Torrey Club 9: 156. December, 1882.

1883

- [The structure and functions of pollen-grains. Abstract.] Am. Mo. Micr. Jour. 4: 99, 100. May, 1883.
- Contributions toward a list of the state and local floras of the United States. IV. The southern states. (With William Ruggles Gerard.) Bull. Torrey Club 10: 67-69. June, 1883.
- Pinus Banksiana*, Lamb. Bull. Torrey Club 10: 82. July, 1883.
- Contributions toward a list of the state and local floras of the United States. V. The western states. (With William Ruggles Gerard.) Bull. Torrey Club 10: 103-105. September, 1883.
- Notes on a botanical excursion to Sam's Point, Ulster Co., N. Y. Bull. Torrey Club 10: 105, 106. September, 1883.
- On a Post-Tertiary deposit, containing impressions of leaves, in Cumberland County, New Jersey. Proc. Am. Assoc. Adv. Sci. 31: 357-359. [September] 1883.
- Notes on the cretaceous marl-belt of New Jersey. [Abstract.] Trans. N. Y. Acad. 2: 9-13. 1883.
- On the finding of prehistoric Indian skeletons at Far Rockaway, Long Island. Trans. N. Y. Acad. 2: 140, 141. 1883.
- Contributions toward a list of the state and local floras of the United States. The western states. (Continued.) (With William Ruggles Gerard.) Bull. Torrey Club 10: 129-131. December, 1883.
- Melanthium latifolium* [in New Jersey]. Bull. Torrey Club 10: 133. December, 1883.
- [Fossiliferous sandstones on the beach near Glen Cove, Long Island.] Proc. Nat. Sci. Assoc. Staten Isl. 1: [2]. December, 1883. Also in Science 3: 25. January 4, 1884.

1884

- Contributions toward a list of the state and local floras of the United States. The western states. (Continued.) (With William Ruggles Gerard.) Bull. Torrey Club 11: 9. January, 1884.
- Note on *Juncus trifidus* L. Bull. Torrey Club 11: 20. February, 1884.
- A new species of *Cyperus*. Bull. Torrey Club 11: 29. March, 1884.
- A list of plants collected by Mr. J. Albert Rudkin during a trip from Juno, on the coast, to Mt. St. Elias, Alaska, in the summer of 1883. Bull. Torrey Club 11: 36. March, 1884.
- Contributions toward a list of the state and local floras of the United States. (Continued.) (With William Ruggles Gerard.) Bull. Torrey Club 11: 43, 44. April, 1884.
- Mertensia virginica*. Bull. Torrey Club 11: 45. April, 1884.
- Dicentra* punctured by humble-bees. Bull. Torrey Club 11: 66, 67. June, 1884.
- The range of *Phoradendron*. Bull. Torrey Club 11: 76. July, 1884.
- A list of *Cyperaceae* collected by the late Mr. S. B. Buckley from 1878 to 1883 in the valley of the lower Rio Grande, in Texas and northern Mexico. Bull. Torrey Club 11: 85-87. August, 1884.
- [*Corema Conradii*.] Bull. Torrey Club 11: 117. October, 1884.
- Notes on the moraine at Prince's Bay. [Abstract.] Proc. Nat. Sci. Assoc. Staten Isl. 1: [14]. November, 1884.
- On the existence of a peculiar flora on the Kittatinny Mountains of north-western New Jersey. Bull. Torrey Club 11: 126-128. December, 1884.
- The northward range of *Penstemon Digitalis* Nutt. Bull. Torrey Club 11: 140. December, 1884.

1885

- Criticisms on J. Kruttschnitt's papers and preparations relating to pollen-tubes. Jour. N. Y. Micr. Soc. 1: 7-16. January, 1885.
- A new *Cyperus*. Bull. Torrey Club 12: 7, 8. January, 1885.
- Contributions toward a list of the state and local floras of the United States. (Continued.) (With William Ruggles Gerard.) Bull. Torrey Club 12: 26-28. March, 1885.
- Fossil leaf of *Hausmannia*. Jour. N. Y. Micr. Soc. 1: 100. April, 1885.
- Contributions toward a list of the state and local floras of the United States. (Continued.) (With William Ruggles Gerard.) Bull. Torrey Club 12: 36. April, 1885.
- Flora of Richmond Co., N. Y.—Additions, corrections and new localities, 1883-1884. (With Charles Arthur Hollick.) Bull. Torrey Club 12: 38-40. April, 1885.
- [The relative progress of this and previous seasons, as indicated by the development of vegetation.] Proc. Nat. Sci. Assoc. Staten Isl. 1: [21]. May, 1885.

- Note on *Veronica Anagallis* L. Bull. Torrey Club **12**: 48, 49. May, 1885.
- Notes on the copper mining region of Lake Superior. [Abstract.] Trans. N. Y. Acad. **3**: 13. 1885.
- Leaf-bearing sandstones on Staten Island, New York. Trans. N. Y. Acad. **3**: 30, 31. 1885.
- Notes and criticisms on Mr. Grant Allen's theory of the origin of leaf-forms. Trans. N. Y. Acad. **3**: 38-44. 1885.
- A revision of the North American species of the genus *Scleria*. Ann. N. Y. Acad. **3**: 228-237. [August] 1885.
- Contributions toward a list of the state and local floras of the United States. (Continued.) (With William Ruggles Gerard.) Bull. Torrey Club **12**: 98-100. October, 1885.
- [Remarks on a specimen of labradorite.] Proc. Nat. Sci. Assoc. Staten Isl. **1**: [25]. October, 1885.

1886

- Southern range of *Juncus Greenii* Oakes and Tuck. Bull. Torrey Club **13**: 5, 6. January, 1886.
- Note on *Quercus Muhlenbergii* Engelm. Bull. Torrey Club **13**: 40, 41. March, 1886.
- [Upon the drift at the south end of the Rapid Transit Railway Tunnel at Tompkinsville.] Proc. Nat. Sci. Assoc. Staten Isl. **1**: [33]. April, 1886.
- Flora of Richmond County, N. Y. Additions and new localities, 1885. (With Charles Arthur Hollick.) Bull. Torrey Club **13**: 83, 84. May, 1886.
- Leaf-forms of *Populus grandidentata*. Bull. Torrey Club **13**: 89-91, *pl.* 57. June, 1886.
- [The floor of the Triassic trough. Abstract.] Trans. N. Y. Acad. **5**: 19. 1886.
- [The age and nature of the tide-water gneisses. Abstract.] Trans. N. Y. Acad. **5**: 20. 1886.
- [Fossil leaves in the Cretaceous clays at Kreisherville, Staten Island. Abstract.] N. Y. Acad. **5**: 28, 29. 1886.
- [On the occurrence of a schistose series of crystalline rocks in the Adirondacks. Abstract.] Trans. N. Y. Acad. **5**: 72. 1886.
- Geological notes in West Virginia, North Carolina, and eastern Tennessee. Trans. N. Y. Acad. **5**: 215-223. 1886.
- Archaeal rocks. Geol. Surv. N. J. Ann. Rep. **1885**: 36-55. "1885" [1886].
- [The results of a cruise along the shores of Staten Island and New Jersey.] Proc. Nat. Sci. Assoc. Staten Isl. **1**: [38, 39]. September, 1886.
- [Additional notes on the geology of Staten Island.] Proc. Nat. Sci. Assoc. Staten Isl. **1**: [40, 41]. October, 1886.

- On the species of the genus *Anychia* Richard. Bull. Torrey Club 13: 185-187. October, 1886.
- A preliminary list of North American species of *Cyperus*, with descriptions of new forms. Bull. Torrey Club 13: 205-216. November, 1886. Also as Contr. Herb. Columbia Coll. no. 1.

1887

- Columbia College herbaria. Bot. Gaz. 12: 9-11. January, 1887.
- Cerastium arvense* L. and its North American varieties. (With Charles Arthur Hollick.) Bull. Torrey Club 14: 45-51, *pl.* 63-65. March, 1887. Also as Contr. Herb. Columbia Coll. no. 2.
- [Specimens of fungi collected by members of the Association during the past two years.] Proc. Nat. Sci. Assoc. Staten Isl. 1: [53]. April, 1887.
- [Notes upon the relative times of flowering of several shrubs and trees.] Proc. Nat. Sci. Assoc. Staten Isl. 1: [54, 55]. May, 1887.
- [*Clematis ochroleuca*.] Proc. Nat. Sci. Assoc. Staten Isl. 1: [56]. June, 1887.
- Note on the flowers of *Populus heterophylla* L. Bull. Torrey Club 14: 114, 115. June, 1887.
- A supposed new genus of Anacardiaceae from Bolivia. Bull. Torrey Club 14: 143. July, 1887.
- Notes on the glacial and pre-glacial drifts of New Jersey and Staten Island. Trans. N. Y. Acad. 4: 26-33. 1887.
- [The serpentines of the vicinity of New York. Abstract.] Trans. N. Y. Acad. 4: 79. 1887.
- Report for 1886 [on Archaean or Primitive rocks]. Geol. Surv. N. J. Ann. Rep. 1886: 74-112, *f.* 3-22, 2 *maps.* 1887.
- Note on the flora of the Kittatinny Mountains. Bull. Torrey Club 14: 187-189. September, 1887.
- On recent field work in the Archaean areas of northern New Jersey and southeastern New York. Sch. Mines Quart. 9: 33-39. October, 1887.

1888

- [Notes on the modified drift.] Proc. Nat. Sci. Assoc. Staten Isl. 1: [61]. January, 1888.
- New or noteworthy North American phanerogams.—I. Bull. Torrey Club 15: 97-105, *pl.* 80. April 2, 1888. Also as Contr. Herb. Columbia Coll. no. 5.
- Preliminary catalogue of Anthophyta and Pteridophyta reported as growing spontaneously within one hundred miles of New York City. (With Justus Ferdinand Poggenburg, Emerson Ellick Sterns, Addison Brown, Thomas Conrad Porter, and Charles Arthur Hollick.) 1-xviii, 1-90, *maps.* April 25, 1888.

- On an Archaean plant from the white crystalline limestone of Sussex County, N. J. *Ann. N. Y. Acad.* **4**: 123, 124, *pl.* 7. 1888. Also in *Can. Rec. Sci.* **3**: 184. July, 1888.
- The genus *Disporum* Salisb. *Bull. Torrey Club* **15**: 187, 188. July 2, 1888.
- Additional notes on the geology of Staten Island. *Trans. N. Y. Acad.* **6**: 12-18. 1888.
- Note on the growth of a vinegar plant in fermented grape juice. *Trans. N. Y. Acad.* **6**: 66-70. 1888.
- A list of plants collected by Miss Mary B. Croft, 1884-'85, at San Diego, Texas, near the headwaters of the Rio Dulce. (With Henry Hurd Rusby.) *Trans. N. Y. Acad.* **7**: 7-14. 1888. Also as *Contr. Herb. Columbia Coll.* no. 4.
- [A recent boring on Staten Island. Abstract.] *Trans. N. Y. Acad.* **7**: 39. 1888.
- [Survey of a portion of Sussex County.] *Geol. Surv. N. J. Ann. Rep.* **1887**: 22. "1887" [1888].
- Our native pines. *Staten Island Mag.* **1**: 14-16. August, 1888.
- [Botanical nomenclature.] *Jour. Bot.* **26**: 292-294. October, 1888.
- The genus *Hicoria* of Rafinesque. *Bull. Torrey Club* **15**: 277-285. November 2, 1888. Also as *Contr. Herb. Columbia Coll.* no. 7.

1889

- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—IV. Anthophyta. *Bull. Torrey Club* **16**: 13-20. January 12, 1889. Also in *Contr. Herb. Columbia Coll.* no. 6.
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—V. *Bull. Torrey Club* **16**: 61-64. March 8, 1889. Also in *Contr. Herb. Columbia Coll.* no. 6.
- [Recent discovery of another exposure of Cretaceous strata.] *Proc. Nat. Sci. Assoc. Staten Isl.* **2**: [8]. March, 1889. Also in *Am. Nat.* **23**: 553. June, 1889.
- [Remarks on the yellow gravel or pre-glacial drift.] *Proc. Nat. Sci. Assoc. Staten Isl.* **2**: [9]. April, 1889. Also in *Am. Nat.* **23**: 1032, 1033. November, 1889.
- Preliminary note on the North American species of the genus *Tissa* Adans. *Bull. Torrey Club* **16**: 125-129. May 8, 1889. Also as *Contr. Herb. Columbia Coll.* no. 11.
- Flora of Richmond Co., N. Y.—Additions and new localities, 1886-1889. Appendix no. 5. (With Charles Arthur Hollick.) *Bull. Torrey Club* **16**: 132-134. May 8, 1889.
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—VI. *Bull. Torrey Club* **16**: 153-160. June 8, 1889. Also in *Contr. Herb. Columbia Coll.* no. 6.

- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—VII. Bull. Torrey Club **16**: 189-192. July 6, 1889. Also in Contr. Herb. Columbia Coll. no. 6.
- Botanical notes. Bull. Torrey Club **16**: 196. July 6, 1889.
- [Metamorphic rocks in the vicinity of New York. Abstract.] Trans. N. Y. Acad. **8**: 52, 53. 1889.
- A list of plants collected at Fort Verde and vicinity and in the Mogollon and San Francisco mountains, Arizona, 1884-1888, by Dr. E. A. Mearns, U. S. A. Trans. N. Y. Acad. **8**: 61-76. 1889. Also in Contr. Herb. Columbia Coll. no. 9.
- Remarks on recent discoveries in local Cretaceous and Quaternary geology. Trans. N. Y. Acad. **8**: 177-181. 1889.
- New or noteworthy North American phanerogams, II. Trans. N. Y. Acad. **9**: 6-15. 1889. Also (repaged, 5-14) as Contr. Herb. Columbia Coll. no. 13.
- Ferns and their allies, present and past. [Abstract.] Trans. N. Y. Acad. **9**: 26. 1889.
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—VIII. Bull. Torrey Club **16**: 259-262. October 5, 1889. Also in Contr. Herb. Columbia Coll. no. 6.
- Remarks on the preceding paper. [Cockerell, Theodore Dru Alison. The classification of slight varieties.] Bull. Torrey Club **16**: 272, 273. October 5, 1889.
- The genus *Eleocharis* in North America. Jour. N. Y. Micr. Soc. **5**: 95-111. October, 1889. Also as Contr. Herb. Columbia Coll. no. 12.
- [An outcrop of Cretaceous clay at the foot of Eltingville road.] Proc. Nat. Sci. Assoc. Staten Isl. **2**: [17]. October, 1889. Also in Am. Nat. **23**: 1037. November, 1889.
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—IX. Bull. Torrey Club **16**: 324-327. December 10, 1889. Also in Contr. Herb. Columbia Coll. no. 6.
- In the hickory matter. Gard. & For. **2**: 621, 622. December 25, 1889.

## 1890

- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—X. Bull. Torrey Club **17**: 9-12. January 15, 1890. Also in Contr. Herb. Columbia Coll. no. 6.
- A new species of *Rhexia*. Bull. Torrey Club **17**: 14, 15, *pl.* 99. January 15, 1890.
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XI. Bull. Torrey Club **17**: 53-60. March 10, 1890. Also in Contr. Herb. Columbia Coll. no. 6.
- Charles Christopher Parry. Bull. Torrey Club **17**: 74, 75. March 10, 1890.

- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XII. Bull. Torrey Club **17**: 91-94. April 10, 1890. Also in Contr. Herb. Columbia Coll. no. 6.
- A list of state and local floras of the United States and British America. Ann. N. Y. Acad. **5**: 237-262. April, 1890; 263-294. June, 1890; 295-300. July, 1890. Also as Contr. Herb. Columbia Coll. no. 14.
- On the naming of "forms," in the New Jersey Catalogue. Bull. Torrey Club **17**: 121-126. May 9, 1890.
- Catalogue of plants found in New Jersey. Geol. Surv. N. J., Final Rep. State Geol. **2**: 25-642. "1889" [May, 1890].
- Tissa vs. Buda. Bot. Gaz. **15**: 184. July, 1890. Repr. in Jour. Bot. **28**: 295, 296. October, 1890.
- The plea of expediency. Bot. Gaz. **17**: 252-254. August, 1890.
- List of Staten Island fungi in the collection of the Association. [Determined by Job Bicknell Ellis.] (With Charles Arthur Hollick.) Proc. Nat. Sci. Assoc. Staten Isl. **2**: [58, 59]. August, 1890.
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XIII. Bull. Torrey Club **17**: 211-214. August 12, 1890. Also in Contr. Herb. Columbia Coll. no. 6.
- Introductory note. In: Newhall, Charles Stedman. The trees of north-eastern America. xiv. 1890.
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XIV. Bull. Torrey Club **17**: 281-284. November 9, 1890. Also in Contr. Herb. Columbia Coll. no. 6.
- [Use of the term "forms."] Proc. Nat. Sci. Assoc. Staten Isl. **2**: 63. November, 1890.
- Contributions to Texan botany. Trans. N. Y. Acad. **9**: 181-185. 1890. (Additions to the list of plants collected by Miss Mary B. Croft at San Diego, Texas, 181-183; Note on some plants collected by Mr. Frank Twcedy in Tom Greene Co., Texas, in 1879. 183-185.)
- Priority of place in botanical nomenclature. Jour. Bot. **28**: 371, 372. December, 1890.
- New or noteworthy North American phanerogams.—III. Bull. Torrey Club **17**: 310-316. December 9, 1890. Also as Contr. Herb. Columbia Coll. no. 16.
- Appointment of Dr. Thos. Morong to the curatorship of the Columbia College herbarium. Bull. Torrey Club **17**: 319. December 9, 1890.
- On priority of place in biological nomenclature. Bot. Gaz. **15**: 339, 340. December, 1890.

1891

- Monographie der Gattung Stylosanthes. Bull. Torrey Club **18**: 25. January 20, 1891. (Review.)
- Notes on the leaves of Liriodendron. Bull. Torrey Club **18**: 29, 30. January 20, 1891. (Review.)



- Symbolae ad floram Brasiliae centralis cognoscendam. Bull. Torrey Club **18**: 32. January 20, 1891. (Review.)
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XV. Bull. Torrey Club **18**: 35-38. February 12, 1891. Also in Contr. Herb. Columbia Coll. no. 6.
- Second systematic census of Australian plants. Bull. Torrey Club **18**: 65. February 12, 1891. (Review.)
- Remarks on the genus Actaea. Bull. Torrey Club **18**: 66. February 12, 1891. (Review.)
- Reprint of Fraser's Catalogue. Bull. Torrey Club **18**: 71. February 12, 1891. (Review.)
- Biographical index to British and Irish botanists. Bull. Torrey Club **18**: 90, 91. March 10, 1891. (Review.)
- Catalogue of the Anthophyta and Pteridophyta of Ames, Iowa. Bull. Torrey Club **18**: 91, 92. March 10, 1891. (Review.)
- Catalogue of Canadian plants.—Part V. Acrogens. Bull. Torrey Club **18**: 92, 93. March 10, 1891. (Review.)
- Ranunculaceae aus dem westlichen Nord Amerika, gesammelt in Auftrage Dr. Dieck's-Zoschen. Bull. Torrey Club **18**: 98, 99. March 10, 1891. (Review.)
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XVI. Bull. Torrey Club **18**: 107-110. April 4, 1891. Also in Contr. Herb. Columbia Coll. no. 6.
- Botanical nomenclature. Gard & For. **4**: 202. April 29, 1891.
- Flora franciscana. An attempt to classify and describe the vascular plants of middle California. Bull. Torrey Club **18**: 158-160. May 1, 1891. (Review.)
- Fungous diseases of the grape and other plants and their treatment. Bull. Torrey Club **18**: 161, 162. May 1, 1891. (Review.)
- Notes on North American trees.—XXV. Bull. Torrey Club **18**: 162, 163. May 1, 1891. (Review.)
- Report of the botanist of the California State Board of Forestry. Bull. Torrey Club **18**: 164. May 1, 1891. (Review.)
- Nebraska flowering plants. Bull. Torrey Club **18**: 195, 196. June 1, 1891. (Review.)
- Flora of Richmond Co., N. Y.—Additions and new localities, 1890. Appendix no. 6. (With Charles Arthur Hollick.) Bull. Torrey Club **18**: 213, 214. July 1, 1891.
- Revision of the American species of Epilobium occurring north of Mexico. Bull. Torrey Club **18**: 226, 227. July 1, 1891. (Review.)
- Beitraege zur Kenntniss der Sapotaceae. Bull. Torrey Club **18**: 227. July 1, 1891. (Review.)
- On the general geographical distribution of North American plants. Proc. Am. Assoc. Adv. Sci. **39**: 322-327. July, 1891.

- Plantae Europaeae. Enumeratio systematica plantarum phanerogamicarum in Europa sponte crescentium vel mere inquilinarum. Bull. Torrey Club **18**: 258, 259. August 8, 1891. (Review.)
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XVII. Bull. Torrey Club **18**: 261-264. September 21, 1891. Also in Contr. Herb. Columbia Coll. no. 6.
- New or noteworthy North American phanerogams.—IV. Bull. Torrey Club **18**: 265-272. September 21, 1891. Also as Contr. Herb. Columbia Coll. no. 20.
- Notes on the botany of Fernando Noronha. Bull. Torrey Club **18**: 278, 279. September 21, 1891. (Review.)
- The genus *Corion* of Mitchell. Jour. Bot. **29**: 303. October, 1891.
- Monographie du genre *Chrysosplenium*. Bull. Torrey Club **18**: 307. October 8, 1891. (Review.)
- Contributions to American botany.—XVIII. Bull. Torrey Club **18**: 310, 311. October 8, 1891. (Review.)
- Descriptions of new plants, chiefly Gamopetalae, collected in Mexico by C. G. Pringle. Bull. Torrey Club **18**: 311. October 8, 1891. (Review.)
- On the citing of ancient botanical authors. Bull. Torrey Club **18**: 327-330. November 15, 1891.
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XVIII. Bull. Torrey Club **18**: 331-334. November 15, 1891. Also in Contr. Herb. Columbia Coll. no. 6.
- Iconographia florum japonicarum, or Descriptions with figures of plants indigenous to Japan. Bull. Torrey Club **18**: 344. November 15, 1891. (Review.)
- [Presidential address.] Proc. Nat. Sci. Assoc. Staten Isl. **3**: [3, 4]. November, 1891.
- New or noteworthy North American phanerogams.—V. Bull. Torrey Club **18**: 363-370. December 9, 1891. Also as Contr. Herb. Columbia Coll. no. 22.
- List of the plants of Arkansas. Bull. Torrey Club **18**: 377, 378. December 9, 1891. (Review.)

1892

- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XIX. Bull. Torrey Club **19**: 1-4. January 15, 1892. Also in Contr. Herb. Columbia Coll. no. 6.
- Monographiae phanerogamarum. Vol. vii. Melastomaceae. Bull. Torrey Club **19**: 23. January 15, 1892. (Review.)
- Catalogue of the phaenogamous and vascular cryptogamous plants in the vicinity of St. Louis, Mo. Bull. Torrey Club **19**: 66, 67. February 10, 1892. (Review.)
- Flora franciscana, Part II. Bull. Torrey Club **19**: 68, 69. February 10, 1892. (Review.)

- [The publication of a name as a synonym.] Bull. Torrey Club **19**: 81. March 5, 1892.
- Patterson's numbered check-list of North American plants, north of Mexico. Bull. Torrey Club **19**: 101. March 5, 1892. (Review.)
- Dictionnaire de botanique. Bull. Torrey Club **19**: 132. April 5, 1892. (Review.)
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XX. Bull. Torrey Club **19**: 148-151. May 5, 1892. Also in Contr. Herb. Columbia Coll. no. 6.
- Monographie der Gattung *Caltha*. Bull. Torrey Club **19**: 156, 157. May 5, 1892. (Review.)
- Monograph of the grasses of the United States and British America. Bull. Torrey Club **19**: 163, 164. May 5, 1892. (Review.)
- The American species of the genus *Anemone* and the genera which have been referred to it. Ann. N. Y. Acad. **6**: 215-238. May, 1892. Also as Contr. Herb. Columbia Coll. no. 23.
- A list of species of the genera *Scirpus* and *Rynchospora* occurring in North America. Trans. N. Y. Acad. **11**: 74-93. 1892. Also (re-paged, 1-19) as Contr. Herb. Columbia Coll. no. 26.
- New or noteworthy North American phanerogams.—VI. Bull. Torrey Club **19**: 219-226, *pl.* 131. July 13, 1892. Also as Contr. Herb. Columbia Coll. no. 29.
- Revision of the American species of *Rumex* occurring north of Mexico. Bull. Torrey Club **19**: 236. July 13, 1892. (Review.)
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XXI. Bull. Torrey Club **19**: 263-266. September 10, 1892. Also in Contr. Herb. Columbia Coll. no. 6.
- Cultivated native plums and cherries. Bull. Torrey Club **19**: 276, 277. September 10, 1892. (Review.)
- Portland catalogue of Maine plants—second edition. Bull. Torrey Club **19**: 279. September 10, 1892. (Review.)
- Second edition of Webber's appendix to the catalogue of the flora of Nebraska, with a supplementary list of recently reported species. Bull. Torrey Club **19**: 280. September 10, 1892. (Review.)
- Silva of North America, Volume IV—Rosaceae-Saxifragaceae. Bull. Torrey Club **19**: 280, 281. September 10, 1892. (Review.)
- Dictionary of botanical terms. Bull. Torrey Club **19**: 319, 320. October 10, 1892. (Review.)
- Michigan flora. Bull. Torrey Club **19**: 320, 321. October 10, 1892. (Review.)
- The ash trees of Staten Island. Proc. Nat. Sci. Assoc. Staten Isl. **3**: [21, 22]. October, 1892.
- Some results of a year's work. Bull. Torrey Club **19**: 323. November 15, 1892. (Review.)
- Monographie des espèces du genre *Fraxinus*. Bull. Torrey Club **19**: 342. November 15, 1892. (Review.)

- Revision of the North American species of Hoffmanseggia. Bull. Torrey Club **19**: 345. November 15, 1892. (Review.)
- Teratological notes. Bull. Torrey Club **19**: 348, 349. November 15, 1892. (Review.)
- Ranunculus repens and its eastern North American allies. Trans. N. Y. Acad. **12**: 2-6. November 22, 1892. Also (repaged 1-4) as Contr. Herb. Columbia Coll. no. 30.
- An enumeration of the plants collected by Dr. Thomas Morong in Paraguay, 1888-1890. (With Thomas Morong.) Ann. N. Y. Acad. **7**: 45-96. December, 1892; 97-144. January, 1893; 145-192. February, 1893; 193-256. March, 1893; 257-280. April, 1893. Also as Contr. Herb. Columbia Coll. no. 35.
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XXII. Bull. Torrey Club **19**: 371-374. December 15, 1892. Also in Contr. Herb. Columbia Coll. no. 6.
- Flora of West Virginia. Bull. Torrey Club **19**: 385, 386. December 15, 1892. (Review.)
- Trees of the northern United States, their study, description, and determination, for the use of schools and private students. Bull. Torrey Club **19**: 390, 391. December 15, 1892. (Review.)

1893

- On Rusbya, a new genus of Vacciniaceae from Bolivia. Bull. Torrey Club **20**: 67, 68. February 15, 1893.
- Contributions from the Botanical Laboratory of the University of Pennsylvania. Bull. Torrey Club **20**: 83, 84. February 15, 1893. (Review.)
- Erythea, a journal of botany, West American and general. Bull. Torrey Club **20**: 84, 85. February 15, 1893. (Review.)
- [Staten Island trees.] Proc. Nat. Sci. Assoc. Staten Isl. **3**: 34. February, 1893.
- The North American species of the genus Lespedeza. Trans. N. Y. Acad. **12**: 57-64. March 10, 1893; 65-68. March 16, 1893. Also as Contr. Herb. Columbia Coll. no. 34.
- John Strong Newberry. Bull. Torrey Club **20**: 89-98, *portr.*, *pl.* 142. March 15, 1893.
- A neglected species of Hieracium. Bull. Torrey Club **20**: 120, 121, *pl.* 145. March 15, 1893.
- Characeae of America. [Part II. Fascicle 1.] Bull. Torrey Club **20**: 130, 131. March 15, 1893. (Review.)
- A rearrangement of American Portulacaceae. Bull. Torrey Club **20**: 135. March 15, 1893. (Review.)
- An enumeration of the plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XXIII. Bull. Torrey Club **20**: 137-140. April 10, 1893. Also in Contr. Herb. Columbia Coll. no. 6.

- Enumeration of the plants collected in Bolivia by Miguel Bang, with descriptions of new genera and species. *Bull. Torrey Club* **20**: 266, 267. June 17, 1893. (Review.)
- Note on a collection of Tertiary fossil plants from Potosí, Bolivia. *Trans. Am. Inst. Mining Eng.* **21**: 250-259, *f.* 1-79. June, 1893. Also (re-paged 1-10) as *Contr. Herb. Columbia Coll.* no. 27.
- New or noteworthy North American phanerogams.—VII. *Bull. Torrey Club* **20**: 277-282, *pl.* 158. July 15, 1893. Also as *Contr. Herb. Columbia Coll.* no. 38.
- Analytical keys to the genera and species of fresh water algae and the *Desmidiæ* of the United States. *Bull. Torrey Club* **20**: 300. July 15, 1893. (Review.)
- A synopsis of the genera and species of Museae. *Bull. Torrey Club* **20**: 343. August 10, 1893. (Review.)
- The North American Sileneae and Polycarpae. *Bull. Torrey Club* **20**: 343, 344. August 10, 1893. (Review.)
- Preliminary contribution to our knowledge of the cretaceous formation on Long Island and eastwards. *Bull. Torrey Club* **20**: 345. August 10, 1893. (Review.)
- Plant distribution as a factor in the interpretation of geological phenomena, with special reference to Long Island and vicinity. *Bull. Torrey Club* **20**: 345. August 10, 1893. (Review.)
- The genus *Trematocarpus*. *Bull. Torrey Club* **20**: 347. August 10, 1893. (Review.)
- Organization of a society of American botanists. *Erythea* **1**: 219, 220. October 2, 1893.
- The use of the generic name *Halesia*. *Gard. & For.* **6**: 433, 434. October 18, 1893.
- The generic name of the silver-bell trees. *Gard. & For.* **6**: 463. November 8, 1893.
- Duplicate binomials. *Bull. Torrey Club* **20**: 443. November 15, 1893.
- Gymnospermae [of northeastern North America]. *Mem. Torrey Club* **5**: 17-19. December 4, 1893.
- Halesia* vs. *Mohria* vel *Mohrodendron*. *Gard. & For.* **6**: 518. December 13, 1893.

1894

- New or noteworthy North American phanerogams.—VIII. *Bull. Torrey Club* **21**: 27-34, *pl.* 173. January 25, 1894. Also as *Contr. Herb. Columbia Coll.* no. 47.
- Botany of the Death Valley Expedition. *Bull. Torrey Club* **21**: 45, 46. January 25, 1894. (Review.)
- Enumeratio *Myrtacearum brasiliensium*. *Bull. Torrey Club* **21**: 47. January 25, 1894. (Review.)
- Cyperaceae [of northeastern North America], with the exception of *Carex*. *Mem. Torrey Club* **5**: 59-70. January 31, 1894.

- Note on the herbarium of Stephen Elliott. Bull. Torrey Club 21: 80, 81. February 20, 1894.
- Die Delphinium Arten der Vereinigten Staaten von Nord Amerika. Bull. Torrey Club 21: 82, 83. February 20, 1894. (Review.)
- Our conception of "species" as modified by the doctrine of evolution. Trans. N. Y. Acad. 13: 132-135. March 20, 1894. Also as Contr. Herb. Columbia Coll. no. 51.
- Professor Greene and Jacksonia and Polanisia. Erythea 2: 67, 68. April 1, 1894.
- The herbarium of the late Isaac C. Martindale. Bull. Torrey Club 21: 176. April 25, 1894.
- Manual of the botany of the region of San Francisco Bay. Bull. Torrey Club 21: 179-181. April 25, 1894. (Review.)
- Juncus marginatus and its varieties. Bull. Torrey Club 21: 181. April 25, 1894. (Review.)
- Annual reports of the State Botanist of the state of New York. Bull. Torrey Club 21: 181, 182. April 25, 1894. (Review.)
- Neue Asiatische und Amerikanische Gentianien. Bull. Torrey Club 21: 182. April 25, 1894. (Review.)
- Aizoaceae [of northeastern North America]. Mem. Torrey Club 5: 147. April 27, 1894.
- Portulacaceae [of northeastern North America]. Mem. Torrey Club 5: 147. April 27, 1894.
- Caryophyllaceae [of northeastern North America]. Mem. Torrey Club 5: 148-152. April 27, 1894; 153. May 5, 1894.
- Ranunculaceae [of northeastern North America]. Mem. Torrey Club 5: 155-162. May 5, 1894.
- Berberidaceae [of northeastern North America]. Mem. Torrey Club 5: 162. May 5, 1894.
- Menispermaceae [of northeastern North America]. Mem. Torrey Club 5: 162, 163. May 5, 1894.
- Papaveraceae [of northeastern North America]. Mem. Torrey Club 5: 164-166. May 5, 1894.
- Cruciferae [of northeastern North America]. Mem. Torrey Club 5: 166-168. May 5, 1894; 169-175. May 21, 1894.
- Capparidaceae [of northeastern North America]. Mem. Torrey Club 5: 175. May 21, 1894.
- Sarraceniacae [of northeastern North America]. Mem. Torrey Club 5: 176. May 21, 1894.
- Saxifragaceae [of northeastern North America]. Mem. Torrey Club 5: 177-180. May 21, 1894.
- Hamamelidaceae [of northeastern North America]. Mem. Torrey Club 5: 180, 181. May 21, 1894.
- Rosaceae [of northeastern North America]. Mem. Torrey Club 5: 181-184. May 21, 1894; 185-191. May 29, 1894.

- A new systematic botany of North America. Bull. Torrey Club 21: 230, 231. May 25, 1894.
- Crataegus punctata canescens* n. var. Bull. Torrey Club 21: 231, 232. May 25, 1894.
- Leguminosae [of northeastern North America]. Mem. Torrey Club 5: 191-200. May 29, 1894; 201-209. June 14, 1894.  
[Recent discovery of three species of *Barbarea* on Staten Island.] Proc. Nat. Sci. Assoc. Staten Isl. 4: 32. June, 1894.
- Limnanthaceae [of northeastern North America]. Mem. Torrey Club 5: 216. June 14, 1894.
- Anacardiaceae [of northeastern North America]. Mem. Torrey Club 5: 216. June 14, 1894.
- Thomas Morong. Bull. Torrey Club 21: 239-244. June 20, 1894.
- A revision of the genus *Lechea*. Bull. Torrey Club 21: 244-253. June 20, 1894. Also as Contr. Herb. Columbia Coll. no. 56.
- Synopsis of Malveae, or an enumeration of the plants contained in the first tribe of the natural order Malvaceae. Bull. Torrey Club 21: 270. June 20, 1894. (Review.)
- Cyrtillaceae [of northeastern North America]. Mem. Torrey Club 5: 217. June 23, 1894.
- Aquifoliaceae [of northeastern North America]. Mem. Torrey Club 5: 217. June 23, 1894.
- Elatinaceae [of northeastern North America]. Mem. Torrey Club 5: 225, 226. June 23, 1894.
- Cistaceae [of northeastern North America]. Mem. Torrey Club 5: 226. June 23, 1894.
- Violaceae [of northeastern North America]. Mem. Torrey Club 5: 227, 228. June 23, 1894.
- Onagraceae [of northeastern North America]. Mem. Torrey Club 5: 232. June 23, 1894; 233-236. July 7, 1894.
- Hydrocaryaceae [of northeastern North America]. Mem. Torrey Club 5: 237. July 7, 1894.
- Araliaceae [of northeastern North America]. Mem. Torrey Club 5: 238. July 7, 1894.
- Umbelliferae [of northeastern North America]. Mem. Torrey Club 5: 238-245. July 7, 1894.
- Ericaceae [of northeastern North America]. Mem. Torrey Club 5: 248. July 7, 1894; 249-258. July 18, 1894.
- Plumbaginaceae [of northeastern North America]. Mem. Torrey Club 5: 255, 256. July 18, 1894.
- Styraceae [of northeastern North America]. Mem. Torrey Club 5: 256, 257. July 18, 1894.
- Oleaceae [of northeastern North America]. Mem. Torrey Club 5: 257, 258. July 18, 1894.
- Loganiaceae [of northeastern North America]. Mem. Torrey Club 5: 258. July 18, 1894.

- Gentianaceae [of northeastern North America]. Mem. Torrey Club 5: 258-262. July 18, 1894.
- Apocynaceae [of northeastern North America]. Mem. Torrey Club 5: 262, 263. July 18, 1894.
- Asclepiadaceae [of northeastern North America]. Mem. Torrey Club 5: 263, 264. July 18, 1894; 265, 266. August 13, 1894.
- Note on the genus *Enslenia* Nutt. Bull. Torrey Club 21: 314. July 20, 1894.
- Convolvulaceae [of northeastern North America]. Mem. Torrey Club 5: 266-268. August 13, 1894.
- Cuscutaceae [of northeastern North America]. Mem. Torrey Club 5: 268, 269. August 13, 1894.
- Polemoniaceae [of northeastern North America]. Mem. Torrey Club 5: 269, 270. August 13, 1894.
- Boraginaceae [of northeastern North America]. Mem. Torrey Club 5: 272-276. August 13, 1894.
- Verbenaceae [of northeastern North America]. Mem. Torrey Club 5: 276, 277. August 13, 1894.
- Labiatae [of northeastern North America]. Mem. Torrey Club 5: 277-280. August 13, 1894; 281-286. August 28, 1894.
- Solanaceae [of northeastern North America]. Mem. Torrey Club 5: 287-289. August 28, 1894.
- Scrophulariaceae [of northeastern North America]. Mem. Torrey Club 5: 289-296. August 28, 1894; 297. October 10, 1894.
- Orobanchaceae [of northeastern North America]. Mem. Torrey Club 5: 298, 299. October 10, 1894.
- Bignoniaceae [of northeastern North America]. Mem. Torrey Club 5: 299. October 10, 1894.
- Pedaliaceae [of northeastern North America]. Mem. Torrey Club 5: 299. October 10, 1894.
- Acanthaceae [of northeastern North America]. Mem. Torrey Club 5: 300, 301. October 10, 1894.
- Rubiaceae [of northeastern North America]. Mem. Torrey Club 5: 301-304. October 10, 1894.
- Caprifoliaceae [of northeastern North America]. Mem. Torrey Club 5: 304-306. October 10, 1894.
- Adoxaceae [of northeastern North America]. Mem. Torrey Club 5: 307. October 10, 1894.
- Valerianaceae [of northeastern North America]. Mem. Torrey Club 5: 307, 308. October 10, 1894.
- Campanulaceae [of northeastern North America]. Mem. Torrey Club 5: 309, 310. October 10, 1894.
- Compositae [of northeastern North America]. (With Thomas Conrad Porter.) Mem. Torrey Club 5: 310-312. October 10, 1894; 313-328. October 27, 1894; 329-344. November 17, 1894; 345, 346. December 16, 1894.



- The Columbia College Herbarium. Bull. Torrey Club 21: 491. November 24, 1894.
- An enumeration of the plants collected by Dr. Timothy E. Wilcox, U. S. A., and others in southeastern Arizona during the years 1892-1894. (With Thomas Henry Kearney.) Trans. N. Y. Acad. 14: 21-32. December 4, 1894; 33-44. January 26, 1895. Also as Contr. Herb. Columbia Coll. no. 71.
- Cichoriaceae [of northeastern North America]. (With Thomas Conrad Porter.) Mem. Torrey Club 5: 346-351. December 16, 1894.
- Flora of Nebraska. Bull. Torrey Club 21: 534. December 24, 1894. (Review.)
- 1895
- Flora of Nebraska. Science II. 1: 25, 26. January 4, 1895. (Review.)
- Grasses of Tennessee—Part II. Science II. 1: 55. January 11, 1895. (Review.)
- Annual report of the State Botanist of New York. Bull. Torrey Club 22: 82. February 26, 1895. (Review.)
- Publication by signatures. Erythea 3: 50-52. March 1, 1895.
- Notes on the primary foliage and the leaf-scars in *Pinus rigida*. [Abstract.] Proc. Am. Assoc. Adv. Sci. 43: 293. March, 1895.
- [Publication by signatures.] Erythea 3: 68. April 1, 1895.
- The Systematic Botany of North America. Bot. Gaz. 20: 177-179. April 20, 1895.
- An enumeration of the plants collected by M. E. Penard in Colorado during the summer of 1892. (With Anna Murray Vail.) Bull. Herb. Boissier 3: 197-221. May, 1895. Also as Contr. Herb. Columbia Coll. no. 75.
- Conopholis americana* (L.f.) Wallr. Proc. Nat. Sci. Assoc. Staten Isl. 4: 76. May, 1895.
- Field, forest and garden botany. Science II. 1: 527. May 10, 1895. (Review.)
- New or noteworthy North American phanerogams.—IX. Bull. Torrey Club 22: 220-225. May 15, 1895. Also as Contr. Herb. Columbia Coll. no. 77.
- A handbook of systematic botany. Science II. 1: 550-552. May 17, 1895. (Review.)
- The generic name of the water-weed. Science II. 2: 5. July 5, 1895.
- Daniel Cady Eaton. Science II. 2: 57, 58. July 19, 1895.
- Catalogue of Ohio plants. Bull. Torrey Club 22: 336. July 31, 1895. (Review.)
- The London catalogue of British plants. Bull. Torrey Club 22: 404-407. September 30, 1895. (Review.)
- Flora of Richmond Co., N. Y. Additions and new localities, 1891-1895. Appendix, no. 7. (With Charles Arthur Hollick.) Bull. Torrey Club 22: 460-462. November 30, 1895.

Two new botanical serials. *Bull. Torrey Club* 22: 470, 471. November 30, 1895.

Additions to and new localities for the local flora. *Proc. Nat. Sci. Assoc. Staten Isl.* 5: 11. December, 1895.

1896

[The origin and relations of the floras and faunas of the Antarctic and adjacent regions.] *Botany. Science II.* 3: 310, 311. February 28, 1896.

Report of the Secretary for 1915. *Bull. N. Y. Bot. Gard.* 1: 10-17. April 15, 1896.

Notes on the ninth edition of the London catalogue of British plants. *Bull. Torrey Club* 23: 215-217. May 30, 1896. (Review.)

The herbarium of Columbia University, and the herbarium of the New York Botanical Garden. *Bull. Torrey Club* 23: 253. June 30, 1896.

An illustrated flora of the northern United States, Canada and the British possessions. Vol. I. Ophioglossaceae to Aizoaceae. (With Addison Brown.) i-xii, 1-612, *f. 1-1425*. [August 15] 1896.

Botanical gardens. *Science II.* 4: 284-293. September 4, 1896. Printed, in part, in *Gard. & For.* 9: 352, 353. September 2, 1896; 362, 363. September 9, 1896. Reprinted in *Bull. Torrey Club* 23: 331-345. September 25, 1896. Reprinted in *Bull. N. Y. Bot. Gard.* 1: 62-77. January 1, 1897. Reprinted in *Proc. Am. Assoc. Adv. Sci.* 45: 171-184. January, 1897.

An *Eleocharis* new to North America. [Abstract.] *Bot. Gaz.* 22: 219, 220. September 23, 1896.

On *Crataegus coccinea* and its segregates. [Abstract.] *Bot. Gaz.* 22: 222. September 23, 1896. Also in *Science II.* 4: 431. September 25, 1896.

Notes on the genus *Amelanchier*. [Abstract.] *Bot. Gaz.* 22: 234, 235. September 23, 1896. Also in *Science II.* 4: 431. September 25, 1896.

Some *Cyperaceae* new to North America, with remarks on other species. [Abstract.] *Bot. Gaz.* 22: 238. September 23, 1896. Also in *Science II.* 4: 431. September 25, 1896.

On the *cardamines* of the *C. hirsuta* group. [Abstract.] *Bot. Gaz.* 22: 239. September 23, 1896. Also in *Science II.* 4: 431. September 25, 1896.

1897

Les jardins botaniques. *Rev. Sci. IV.* 7: 10-15. January 2, 1897.

*Crataegus Vailiae* n.sp. *Bull. Torrey Club* 24: 53. January 28, 1897.

Two undescribed eastern species. *Bull. Torrey Club* 24: 92, 93. February 28, 1897.

The metric system and the "Illustrated flora." *Bot. Gaz.* 23: 204, 205. March 24, 1897.

The American cowslip. *Am. Gard.* 18: 373, 374, *f. 104*. May 22, 1897.

- An illustrated flora of the northern United States, Canada and the British possessions. Vol. II. Portulacaceae to Menyanthaceae. (With Addison Brown.) i-iv, 1-643, *f.* 1426-2892. [May 31] 1897.  
 Nomenclaturregeln für die Beamten des Königlichen Botanischen Gartens und Museums zu Berlin. Bull. Torrey Club **24**: 415-419. August 29, 1897. (Review.)

1898

- Report of the Secretary and Director-in-Chief [for 1896]. Bull. N. Y. Bot. Gard. **1**: 106-113. February 15, 1898.  
 Report of the Secretary and Director-in-Chief [for 1897]. Bull. N. Y. Bot. Gard. **1**: 122-127. February 15, 1898.  
 An illustrated flora of the northern United States, Canada and the British possessions. Vol. III. Apocynaceae to Compositae. (With Addison Brown.) i-xiv, 1-588, *f.* 2893-4081, and 81 *f.* numbered from 1a to 3875a. 1898.  
 An illustrated flora of the northern United States, Canada and the British possessions. General key and indexes to the three volumes. (With Addison Brown.) i-xiv, 17-83. 1898.  
 A buried forest near Giffords. Proc. Nat. Sci. Assoc. Staten Isl. **7**: 2. November, 1898.

1899

- Introduction. In: Lounsberry, Alice. A guide to the wild flowers. xv-xviii. 1899.  
 Report of the Secretary and Director-in-Chief [for 1898]. Bull. N. Y. Bot. Gard. **1**: 171-184. April 13, 1899.  
 Description of a new stonecrop from Mexico. Bull. N. Y. Bot. Gard. **1**: 257. April 13, 1899.

1900

- The Museum Building. Jour. N. Y. Bot. Gard. **1**: 1-5, *pl.* 1. January, 1900.  
 Report of the Secretary and Director-in-Chief [for 1899]. Bull. N. Y. Bot. Gard. **1**: 295-310. March 30, 1900.  
 Descriptions of new North American thorns. Bull. N. Y. Bot. Gard. **1**: 447-449. March 30, 1900.  
 Introduction. In: Lounsberry, Alice. A guide to the trees. xix, xx. [April] 1900.  
 The button-bush a tree. Jour. N. Y. Bot. Gard. **1**: 54, *f.* 11. April, 1900.  
 Dr. Torrey as a botanist. Bull. Torrey Club **27**: 540-551. October 26, 1900.  
 Report of the Director-in-Chief on results of his trip to Europe, 1900. Jour. N. Y. Bot. Gard. **1**: 177-183. December, 1900.  
 Report on exploration and collection during 1900. Jour. N. Y. Bot. Gard. **1**: 183, 184. December, 1900.

Report on the Conservatory Fund. Jour. N. Y. Bot. Gard. 1: 184, 185. December, 1900.

1901

Weeping American aspens. Jour. N. Y. Bot. Gard. 2: 12, 13, f. 2. January, 1901.

Notes on *Rudbeckia hirta* L. Torrey 1: 1, 2. January 29, 1901.

A new *Senecio* from Pennsylvania. Torrey 1: 21. February 23, 1901.

La flore du Klondike. Actes Congr. Internat. Bot. Paris 1900. 276. "1900" [1901].

The Morong herbarium. Jour. N. Y. Bot. Gard. 2: 35-37. March, 1901.

The application of precedence of place in nomenclature. Science II. 13: 588, 589. April 12, 1901.

A new hawkweed from Florida. Torrey 1: 41, 42. April 19, 1901.

A new *Crataegus* from Washington. Torrey 1: 55. May 22, 1901.

Report of the Secretary and Director-in-Chief [for 1900]. Bull. N. Y. Bot. Gard. 2: 1-24. May 27, 1901.

An enumeration of the flowering plants collected by R. S. Williams and J. B. Tarleton [in the Yukon Territory]. (With Per Axel Rydberg.)

Bull. N. Y. Bot. Gard. 2: 149-187. May 27, 1901.

Judge Daly's sunflower. Jour. N. Y. Bot. Gard. 2: 87-90. June, 1901.

Thomas Conrad Porter. Bull. Torrey Club 28: 369-373, *portr.* July, 1901.

*NoCCA* and *Cracca*. Torrey 1: 83. July 13, 1901.

Manual of the flora of the northern states and Canada. i-x, 1-1080. [October] 1901. [Second impression], i-xxiv, 1-1080. "1901" [February, 1902].

Report by the Director-in-Chief on his recent trip to the West Indies. Jour. N. Y. Bot. Gard. 2: 161-166. November, 1901.

*Cupania* on Pine Key, Florida. Torrey 1: 132. November 25, 1901.

1902

The preservation of native plants. Jour. N. Y. Bot. Gard. 3: 1-3. January, 1902.

A New *Mouriria* from Porto Rico. Torrey 2: 10. January 24, 1902.

Completion of the Public Conservatories. Jour. N. Y. Bot. Gard. 3: 23-27, *illustr.* February, 1902.

A new *Peperomia* from the island of St. Kitts. Torrey 2: 43. March 12, 1902.

Report of the Secretary and Director-in-Chief for the year 1901. Bull. N. Y. Bot. Gard. 2: 235-267. April 25, 1902.

The collection of tree-ferns. Jour. N. Y. Bot. Gard. 3: 109, 110, *pl. 10.* June, 1902.

An undescribed species of *Hydrophyllum*. Torrey 2: 123. August 2, 1902.

Results of the use of the Stokes Fund for the preservation of native plants. Jour. N. Y. Bot. Gard. 3: 179, 180. October, 1902.

- Driveways, paths, and grading. *Jour. N. Y. Bot. Gard.* **3**: 206, 207. November, 1902.  
 Report of the Director-in-Chief on his visit to the Royal Gardens, Kew. *Jour. N. Y. Bot. Gard.* **3**: 223, 224. December, 1902.

1903

- Resident research scholarships at the New York Botanical Garden. *Jour. N. Y. Bot. Gard.* **4**: 25, 26. February, 1903.  
 An undescribed *Eleocharis* from Pennsylvania. *Torreya* **3**: 23, 24, *f. 1, 2*. February 19, 1903.  
 Research funds of the Scientific Alliance of New York. *Science* II. **17**: 314, 315. February 20, 1903.  
 The Bronx Park Station of the Manhattan Railway. *Jour. N. Y. Bot. Gard.* **4**: 41-44, *f. 1*. March, 1903.  
 Report of the Secretary and Director-in-Chief for the year 1902. *Bull. N. Y. Bot. Gard.* **2**: 409-437. March 18, 1903.  
 Timothy Field Allen. *Bull. Torrey Club* **30**: 173-177, *portr.* April 8, 1903.  
 A new species of *Urera*. *Torreya* **3**: 90, 91. June 12, 1903.  
 Report of the Director-in-Chief upon exploration in Cuba. *Jour. N. Y. Bot. Gard.* **4**: 95-99, *f. 12, 13*. June, 1903.  
 A new *Lippia* from Porto Rico. *Torreya* **3**: 105. July 25, 1903.  
 A new *Waltheria* from the Bahamas. *Torreya* **3**: 105, 106. July 25, 1903.  
 New paths at the southern end of the Garden. *Jour. N. Y. Bot. Gard.* **4**: 128, 129. August, 1903.  
 The "Newell Avenue" bridge. *Jour. N. Y. Bot. Gard.* **4**: 132, *f. 17*. August, 1903.  
 New or noteworthy North American Crassulaceae. (With Joseph Nelson Rose.) *Bull. N. Y. Bot. Gard.* **3**: 1-45. November 11, 1903. Issued separately in advance, September 12, 1903.  
 A new appropriation for construction. *Jour. N. Y. Bot. Gard.* **4**: 149, 150. September, 1903.  
 Report on Cuban exploration. *Jour. N. Y. Bot. Gard.* **4**: 193, 194. November, 1903.  
 Flora of the southeastern United States. *Jour. N. Y. Bot. Gard.* **4**: 215, 216. November, 1903. (Review.)  
 The rose mallows. *Jour. N. Y. Bot. Gard.* **4**: 219, 220, *pl. 17, 18*. December, 1903.  
 Cornelius Van Brunt. *Torreya* **3**: 177-179, *portr.* December 22, 1903.

1904

- The honeysuckles. *Science* II. **19**: 145, 146. January 22, 1904. (Review.)  
 The tropical station at Cinchona, Jamaica. *Jour. N. Y. Bot. Gard.* **5**: 1-7, *f. 1, 2*; *pl. 19*. January, 1904. Reprinted (slightly abridged) in *Pop. Sci. Mo.* **64**: 426-430. March, 1904.

- Olivia and Caroline Phelps Stokes fund for the protection of native plants. Jour. N. Y. Bot. Gard. **5**: 7, 8. January, 1904.
- George Washington's palms. Jour. N. Y. Bot. Gard. **5**: 25-28, *pl.* 20, 21. February, 1904.
- Botanical exploration of the Philippine Islands. Jour. N. Y. Bot. Gard. **5**: 40, 41. February, 1904.
- The Juncaceae of the West Indies. Torreyia **4**: 23. February 25, 1904.
- Agdestis clematidea Moc. & Sessé. Torreyia **4**: 24. February 25, 1904.
- Crataegus Porteri Britton. Torreyia **4**: 39, 40. March 12, 1904.
- The birch trees of North America. [Abstract.] Torreyia **4**: 46. March 12, 1904.
- Four new North American birches. Bull. Torrey Club **31**: 165, 166. March 12, 1904.
- Report of the Secretary and Director-in-Chief for the year 1903. Bull. N. Y. Bot. Gard. **3**: 175-206. March 22, 1904.
- Viburnum molle Michx. Torreyia **4**: 69. May 13, 1904.
- Scirpus coloradoensis sp. nov. Torreyia **4**: 93. June 8, 1904.
- Explorations in Florida and the Bahamas. Jour. N. Y. Bot. Gard. **5**: 129-136, *f.* 18-23. July, 1904.
- Savia bahamensis sp. nov. Torreyia **4**: 104, 105. July 21, 1904.
- Explorations in Florida and the Bahamas. [Abstract.] Torreyia **4**: 106, 107. July 21, 1904.
- An undescribed species of Alnus. Torreyia **4**: 124. August 27, 1904.
- A new species of Bradburya. Torreyia **4**: 142. September 30, 1904.
- Lenophyllum, a new genus of Crassulaceae. (With Joseph Nelson Rose.) Smithson. Misc. Coll. **47**: 159-162, *f.* 18, 19; *pl.* 20. October 10, 1904. Also as Smithson. Inst. Publ. no. 1479.
- The Florida royal palm. Torreyia **4**: 152. October 29, 1904.
- Report on exploration of the Bahamas. Jour. N. Y. Bot. Gard. **5**: 201-209, *f.* 36-39. November, 1904.
- Rynchospora Pringlei Greenman. Torreyia **4**: 170. November 21, 1904.
- On Pisonia obtusata and its allies. Bull. Torrey Club **31**: 611-615. November 26, 1904. Also as Contr. N. Y. Bot. Gard. no. 61.
- Notes on the flora of the Bahamas. [Abstract.] Torreyia **4**: 190, 191. December 30, 1904.

1905

- Carex Underwoodii sp. nov. Torreyia **5**: 10, 11. January 19, 1905.
- Contributions to the flora of the Bahama Islands.—I. Bull. N. Y. Bot. Gard. **3**: 441-453. April 14, 1905. Issued separately in advance, February 7, 1905.
- Galactia Curtissii sp. nov. Torreyia **5**: 33, 34. February 28, 1905.
- Jacquinia Curtissii sp. nov. Torreyia **5**: 44. March 22, 1905.
- Manual of the flora of the northern states and Canada. Second edition. i-xxiv, 1-1112. [April] 1905. [Second impression.] i-xxiv, 1-1122. [November] 1907.

- A botanical cruise in the Bahamas. [Abstract.] *Torreyia* 5: 71, 72. April 27, 1905.
- Report of the Secretary and Director-in-Chief for the year 1904. *Bull. N. Y. Bot. Gard.* 4: 1-17. May 8, 1905.
- Crassulaceae. (With Joseph Nelson Rose.) *N. Am. Flora* 22: 7-74. May 22, 1905.
- The North American Flora. *Jour. N. Y. Bot. Gard.* 6: 77, 78. May, 1905.
- Explorations in the Bahamas. *Jour. N. Y. Bot. Gard.* 6: 78-85, *f.* 17-21. May, 1905.
- The Olivia and Caroline Phelps Stokes fund for the protection of native plants. *Jour. N. Y. Bot. Gard.* 6: 102. June, 1905.
- Report on a trip to Europe. *Jour. N. Y. Bot. Gard.* 6: 123-129. August, 1905.
- Nomenclature at the Vienna international botanical congress. *Science* II. 22: 217-219. August 18, 1905.
- Contributions to the flora of the Bahama Islands.—II. *Bull. N. Y. Bot. Gard.* 4: 115-127. June 25, 1906. Issued separately in advance, August 24, 1905.
- The fountain in front of the Museum Building. *Jour. N. Y. Bot. Gard.* 6: 140-144. September, 1905.
- A lost species of *Begonia* apparently rediscovered. *Jour. N. Y. Bot. Gard.* 6: 146-148, *f.* 33. September, 1905.
- Bermuda in September. *Jour. N. Y. Bot. Gard.* 6: 153-158, *pl.* 29, 30. October, 1905.
- Cunoniaceae. *N. Am. Flora* 22: 179, 180. December 18, 1905.
- Iteaceae. *N. Am. Flora* 22: 181. December 18, 1905.
- Hamamelidaceae. *N. Am. Flora* 22: 185-187. December 18, 1905.

## 1906

- The Cuban columnneas. *Torreyia* 5: 215. January 10, 1906.
- Further remarks on the vegetation of the Bahamas. [Abstract.] (With Charles Frederick Millspaugh.) *Torreyia* 5: 219, 220. January 10, 1906.
- Circular relative to membership. *Jour. N. Y. Bot. Gard.* 7: 1. January, 1906.
- The Students Research Fund. *Jour. N. Y. Bot. Gard.* 7: 1, 2. January, 1906.
- Additional members of the Garden staff. *Jour. N. Y. Bot. Gard.* 7: 4, 5. January, 1906.
- The North American Cactaceae. [Abstract.] *Torreyia* 6: 12-14. January 25, 1906.
- Report of the Secretary and Director-in-Chief for the year 1905. *Bull. N. Y. Bot. Gard.* 5: 1-15. February 13, 1906.
- Notes on West Indies Cruciferae. *Torreyia* 6: 29-32. February 19, 1906.
- Progress of construction work during the winter. *Jour. N. Y. Bot. Gard.* 7: 23, 24. February, 1906.

- Contributions to the flora of the Bahama Islands.—III. *Bull. N. Y. Bot. Gard.* **4**: 137-143. June 25, 1906. Issued separately in advance, March 19, 1906.
- The classification of Cactaceae. *Jour. Hort. Soc. N. Y.* **1**: 15. April, 1906. Reprinted in *Pl. World* **9**: 171, 172. July, 1906.
- The hemlock grove on the banks of the Bronx River and what it signifies. *Trans. Bronx Soc. Arts Sci.* **1**: 5-13. May, 1906. Also as *Contr. N. Y. Bot. Gard.* no. 83.
- Recent botanical explorations in Porto Rico. *Jour. N. Y. Bot. Gard.* **7**: 125-139, *f.* 4-12. May, 1906.
- A large oak struck by lightning. *Jour. N. Y. Bot. Gard.* **7**: 154-156, *f.* 20. June, 1906.
- First grant from the Students' Research Fund. *Jour. N. Y. Bot. Gard.* **7**: 157, 158. June, 1906.
- Galactia Odonia* Griseb. *Torreyia* **6**: 149. July 25, 1906.
- Recent explorations in Jamaica. *Jour. N. Y. Bot. Gard.* **7**: 245-250, *f.* 43. November, 1906.
- Nature study work of the public schools. *Jour. N. Y. Bot. Gard.* **7**: 274, 275. December, 1906.

1907

- Two undescribed species of *Comocladia* from Jamaica. *Torreyia* **7**: 6, 7. February 7, 1907.
- The sedges of Jamaica. [Abstract.] *Torreyia* **7**: 17, 18. February 7, 1907.
- A new polygalaceous tree of Porto Rico. *Torreyia* **7**: 38, 39. February 28, 1907.
- Report of the Secretary and Director-in-Chief for the year 1906. *Bull. N. Y. Bot. Gard.* **5**: 195-213. March 7, 1907.
- [Pioneers of science in America.] *John Torrey*. *Pop. Sci. Mo.* **70**: 297, 299, *portr.* April, 1907.
- Report on the continuation of the botanical exploration of the Bahama Islands. *Jour. N. Y. Bot. Gard.* **8**: 71-81. April, 1907.
- Ribes chihuahuense* sp. nov. *Torreyia* **7**: 102. May 20, 1907.
- Address delivered at the dedication to Linnaeus of the Pelham Parkway bridge over the Bronx River. *Jour. N. Y. Bot. Gard.* **8**: 136-138, *f.* 20. June, 1907.
- Further remarks on the botanical exploration of the Bahamas. [Abstract.] *Torreyia* **7**: 154, 155. July 19, 1907.
- Erythroxyloaceae. *N. Am. Flora* **25**: 59-66. August 24, 1907.
- The sedges of Jamaica. *Bull. Dep. Agr. Jamaica* **5**: Suppl. 1-19. September 19, 1907. Also as *Contr. N. Y. Bot. Gard.* no. 97.
- Further exploration in Jamaica. *Jour. N. Y. Bot. Gard.* **8**: 229-236. October, 1907.



- Contributions to the flora of the Bahama Islands.—IV. Bull. N. Y. Bot. Gard. **5**: 311-318. February 8, 1909. Issued separately in advance, October 26, 1907.
- Pereskopsis, a new genus of Cactaceae. (With Joseph Nelson Rose.) Smithson. Misc. Coll. **50**: 331-333, *pl.* 43, 44. October 28, 1907. Also as Smithson. Inst. Publ. no. 1775.
- The Boulder Bridge. Jour. N. Y. Bot. Gard. **8**: 247-250. November, 1907.
- Lucien Marcus Underwood. Columbia Univ. Quart. **10**: 67-69, *portr.* December, 1907.

1908

- Botanical exploration in Jamaica. [Abstract.] Torreyia **7**: 238. January 16, 1908.
- Address by the president of the Academy [at the celebration of the bicentenary of the birth of Linnaeus]. Ann. N. Y. Acad. **18**: 40, 41. January, 1908.
- The herbarium of the late Dr. Otto Kuntze. Jour. N. Y. Bot. Gard. **9**: 19-21. February, 1908.
- A preliminary treatment of the Opuntioideae of North America. (With Joseph Nelson Rose.) Smithson. Misc. Coll. **50**: 503-539. February 20, 1908. Also as Smithson. Inst. Publ. no. 1786.
- Report of the Secretary and Director-in-Chief for the year 1907. Bull. N. Y. Bot. Gard. **6**: 1-21. February 24, 1908.
- Professor Underwood's relation to the work of the New York Botanical Garden. Bull. Torrey Club **35**: 39, 40. February 29, 1908.
- [Wild Jamaica cotton.] Science II. **27**: 665. April 24, 1908. Reprinted in Torreyia **8**: 230, 231. September 26, 1908.
- The genus *Ernodea* Swartz: a study of species and races. Bull. Torrey Club **35**: 203-208. April 29, 1908. Also as Contr. N. Y. Bot. Gard. no. 106.
- North American trees. (With John Adolph Shafer.) i-x, 1-894, *f.* 1-787. "April" [May 9] 1908.
- Botanical exploration in Jamaica. Jour. N. Y. Bot. Gard. **9**: 81-90. May, 1908.
- The taxonomic aspect of the species question. Am. Nat. **42**: 225-242. May 18, 1908. Also as Contr. N. Y. Bot. Gard. no. 105.
- Druce's List of British plants. (With Henry Hurd Rusby.) Torreyia **8**: 113-116. May 19, 1908.
- Grossulariaceae. (With Frederick Vernon Coville.) N. Am. Flora **22**: 193-225. June 12, 1908.
- Connaraceae. N. Am. Flora **22**: 233-236. June 12, 1908.
- The generic name *Bucida*. Bull. Torrey Club **35**: 303, 304, *f. t.* July 1, 1908.
- Exhibitions of specimens recently collected in Jamaica, with remarks. [Abstract.] Torreyia **8**: 171. July 29, 1908.

- Studies of West Indian plants—I. Bull. Torrey Club **35**: 337-345. July 30, 1908. Also as Contr. N. Y. Bot. Gard. no. 108.
- Types of American grasses. Science II. **28**: 239, 240. August 21, 1908. (Review.)
- Further exploration in Jamaica. Jour. N. Y. Bot. Gard. **9**: 163-172. October, 1908.
- Beccari's American palms. Torreya **8**: 238-241. October 22, 1908. (Review.)
- A new genus of Cactaceae. (With Joseph Nelson Rose.) Jour. N. Y. Bot. Gard. **9**: 185-188, *f.* 31; *pl.* 48-52. "November" [December] 1908.
- Enriching soil by crimson clover. Jour. N. Y. Bot. Gard. **9**: 226-228. December, 1908.

## 1909

- Studies of West Indian plants—II. Bull. Torrey Club **35**: 561-569. January 2, 1909. Also as Contr. N. Y. Bot. Gard. no. 118.
- Urban's Symbolae antillanae. Torreya **8**: 293. January 6, 1909. (Review.)
- Enclosing the Garden. Jour. N. Y. Bot. Gard. **10**: 1-3, *pl.* 66. January, 1909.
- Darwin and botany. Pop. Sci. Mo. **74**: 355-360. "April" [March] 1909. Reprinted in Ann. N. Y. Acad. **19**: 28-33. July 31, 1909.
- Report of the Secretary and Director-in-Chief for the year 1908. Bull. N. Y. Bot. Gard. **6**: 115-136. March 23, 1909.
- Thompsonella, a new genus of Crassulaceae from Mexico. (With Joseph Nelson Rose.) Contr. U. S. Nat. Herb. **12**: 391, 392, *pl.* 44, 45. May 10, 1909.
- Botanical exploration in the West Indies and Florida. Jour. N. Y. Bot. Gard. **10**: 99-114, *f.* 17-26. May, 1909.
- The cactuses of the West Indies. [Abstract.] Torreya **9**: 126. June 1, 1909.
- Scheuchzeriaceae. N. Am. Flora **17**: 41, 42. June 30, 1909.
- The genus Cereus and its allies in North America. (With Joseph Nelson Rose.) Contr. U. S. Nat. Herb. **12**: 413-437, *pl.* 61-76. July 21, 1909.
- Rhipsalis in the West Indies. Torreya **9**: 153-160, *f.* 1-3. August 3, 1909. Also as Contr. N. Y. Bot. Gard. no. 124.
- The Botanical Garden in the Hudson-Fulton Celebration. Jour. N. Y. Bot. Gard. **10**: 171, 172. August, 1909. Reprinted (with changed title) in Torreya **9**: 189-191. September 27, 1909.
- Need of additional funds. (With Charles Finney Cox and Addison Brown.) Jour. N. Y. Bot. Gard. **10**: 217-221. October, 1909.
- Report on a visit to the Royal Gardens, Kew, and to the British Museum of Natural History, London, England. Jour. N. Y. Bot. Gard. **10**: 221-224. October, 1909.

1910

- Death of Mr. Darius Ogden Mills, President of the Board of Managers. Jour. N. Y. Bot. Gard. 11: 1. January, 1910. (Anonymous; authorship indicated in volume-index.)
- The Bronx River at flood. Jour. N. Y. Bot. Gard. 11: 2, 3. January, 1910.
- Relations of botanical gardens to the public. Jour. N. Y. Bot. Gard. 11: 25-30. "February" [March] 1910. Also in Science II, 31: 641-644. April 29, 1910.
- Report of the Secretary and Director-in-Chief for the year 1909. Bull. N. Y. Bot. Gard. 7: 149-168. March 17, 1910.
- Outlawed generic names. Jour. Bot. 48: 110, 111. April 1, 1910.
- Botanical exploration in Santa Clara, Cuba. Jour. N. Y. Bot. Gard. 11: 109-117. May, 1910.
- Recent botanical exploration in Cuba. [Abstract.] Torreya 10: 134, 135. July 1, 1910.
- Studies of West Indian Plants—III. Bull. Torrey Club 37: 345-363. July 29, 1910. Also as Contr. N. Y. Bot. Gard. no. 135.
- The Darius Ogden Mills Fund. Jour. N. Y. Bot. Gard. 11: 225. October, 1910.
- Botanical exploration in western Cuba. Jour. N. Y. Bot. Gard. 11: 226-236, f. 28-35. October, 1910.

1911

- The botany of some autumn flowers. [Abstract.] Jour. Hort. Soc. N. Y. 1: 120, 121. January, 1911.
- Parks, gardens, and playgrounds. In: Baskerville, Charles. Municipal chemistry: a series of thirty lectures by experts. 497-503, f. 249-251. 1911.
- Rediscovery of *Tillandsia Swartzii* Baker. Torreya 11: 31-33, f. 1. February 14, 1911.
- Report of the Secretary and Director-in-Chief for the year 1910. Bull. N. Y. Bot. Gard. 7: 271-293. March 16, 1911.
- Botanical exploration in Cuba. Jour. N. Y. Bot. Gard. 12: 89-95. May 31, 1911.
- The botanical name of the wild sapodilla. Torreya 11: 128, 129. June 19, 1911.
- An undescribed *Opuntia* from Jamaica. Torreya 11: 130. June 19, 1911.
- Opuntia Tracyi* sp. nov. Torreya 11: 152. July 19, 1911.
- John J. Croke. Jour. N. Y. Bot. Gard. 12: 160, 161. July, 1911.
- A second species of *Hernandia* in Jamaica. Torreya 11: 174. August 14, 1911.
- Improvements along the western boundary of the Garden. Jour. N. Y. Bot. Gard. 12: 174, 175. August, 1911.

Report on a visit to the Royal Gardens, Kew, England, and to the British Museum of Natural History. *Jour. N. Y. Bot. Gard.* **12**: 215-218. October, 1911.

## 1912

- Undescribed species of Cuban cacti. (With Joseph Nelson Rose.) *Torreya* **12**: 13-16. January 22, 1912.
- Studies of West Indian plants—IV. *Bull. Torrey Club* **39**: 1-14. February 10, 1912. Also as *Contr. N. Y. Bot. Gard.* no. 147.
- The genus *Hamelia* Jacq. *Torreya* **12**: 30-32. February 15, 1912.
- Charles Finney Cox. *Jour. N. Y. Bot. Gard.* **13**: 21-23, *portr.* February, 1912.
- Report of the Secretary and Director-in-Chief for the year 1911. *Bull. N. Y. Bot. Gard.* **8**: 1-17. March 14, 1912.
- Further botanical exploration in Cuba. *Jour. N. Y. Bot. Gard.* **13**: 69-76. May, 1912.
- William Bayard Cutting. *Jour. N. Y. Bot. Gard.* **13**: 77, 78. May, 1912.
- The preservation of our native plants. *Craftsman* **22**: 377-386. July, 1912. [Illust.]
- Development of the path system of the Garden. *Jour. N. Y. Bot. Gard.* **13**: 124-126. August, 1912.
- [The oldest tree in Manhattan. Abstract.] *Torreya* **12**: 275. November 10, 1912.

## 1913

- Botanical exploration in Bermuda. *Jour. N. Y. Bot. Gard.* **13**: 189-194, *pl.* 103-107. February 4, 1913.
- The Charles Finney Cox collection of Darwiniana. *Jour. N. Y. Bot. Gard.* **14**: 1, 2. February 13, 1913.
- Report of the Secretary and Director-in-Chief for the year 1912. *Bull. N. Y. Bot. Gard.* **8**: 171-185. March 18, 1913.
- Studies in Cactaceae.—I. (With Joseph Nelson Rose.) *Contr. U. S. Nat. Herb.* **16**: 239-242, *pl.* 66-73. April 10, 1913.
- Cactus studies in the West Indies. *Jour. N. Y. Bot. Gard.* **14**: 99-109. June 3, 1913.
- John Innes Kane. *Jour. N. Y. Bot. Gard.* **14**: 109. June 3, 1913.
- Insurance of greenhouses. *Jour. N. Y. Bot. Gard.* **14**: 110. June 3, 1913.
- The genus *Epiphyllum* and its allies. (With Joseph Nelson Rose.) *Contr. U. S. Nat. Herb.* **16**: 255-262, *pl.* 78-84. June 6, 1913.
- An illustrated flora of the northern United States, Canada and the British possessions. (With Addison Brown.) Second edition. Vol. I. i-xxix, 1-680, *f.* 1-1658. Vol. II. i-iv, 1-735, *f.* 1659-3329. Vol. III. [i-iii] 1-637, *f.* 3330-4666. [June 7] 1913. Reprinted [April 7] 1936.
- Addison Brown. *Jour. N. Y. Bot. Gard.* **14**: 119-121, *portr.* June, 1913.
- John Pierpont Morgan. *Jour. N. Y. Bot. Gard.* **14**: 134, 135. July 26, 1913.

- Four undescribed West Indian sedges. *Torreya* **13**: 215-217. September 2, 1913.  
 A destructive storm. *Jour. N. Y. Bot. Gard.* **14**: 160, 161. October 7, 1913.  
 Gardens of Bermuda. *Jour. N. Y. Bot. Gard.* **14**: 172-176. November 3, 1913.  
*Sclerocarpus africanus* Jacq. in America. *Torreya* **13**: 273. December 30, 1913.  
 Rock's The indigenous trees of the Hawaiian Islands. *Torreya* **13**: 277, 278. December 30, 1913. (Review.)

1914

- Studies of West Indian plants.—V. *Bull. Torrey Club* **41**: 1-24. February 27, 1914. Also as *Contr. N. Y. Bot. Gard.* no. 164.  
 Circular of the Endowment Fund committee. (With William Gilman Thompson.) *Jour. N. Y. Bot. Gard.* **15**: 23-28. March 10, 1914.  
 Report of the Secretary and Director-in-Chief for the year 1913. *Bull. N. Y. Bot. Gard.* **8**: 253-263. April 4, 1914.  
 Botanical exploration in Porto Rico and islands adjacent. *Jour. N. Y. Bot. Gard.* **15**: 95-103, *pl. 132-134*. June 6, 1914.  
 Charles Budd Robinson. *Jour. N. Y. Bot. Gard.* **15**: 106. June 6, 1914.  
 George Washington Vanderbilt. *Jour. N. Y. Bot. Gard.* **15**: 126, 127. June 26, 1914.  
 Clethraceae. *N. Am. Flora* **29**: 3-9. August 31, 1914.  
 The John Innes Kane Fund. *Jour. N. Y. Bot. Gard.* **15**: 175, 176. October 10, 1914.  
 On *Erigeron pusillus* Nutt. *Torreya* **14**: 197-199. October 27, 1914.

1915

- Report of the Secretary and Director-in-Chief for the year 1914. *Bull. N. Y. Bot. Gard.* **9**: 1-17. March 31, 1915.  
 The vegetation of Mona Island. *Ann. Missouri Bot. Gard.* **2**: 33-58, *pl. 1, 2*. May 17, 1915. Also as *Contr. N. Y. Bot. Gard.* no. 175.  
 Grant, by the city, of the use of additional land in Bronx Park. *Jour. N. Y. Bot. Gard.* **16**: 85-96, *2 maps*. June 12, 1915.  
 Further botanical exploration of Porto Rico. *Jour. N. Y. Bot. Gard.* **16**: 103-112. July 5, 1915.  
 Studies of West Indian plants.—VI. *Bull. Torrey Club* **42**: 365-392. July 29, 1915. Also as *Contr. N. Y. Bot. Gard.* no. 179.  
 Permanent funds and endowment. *Jour. N. Y. Bot. Gard.* **16**: 123-130. August 7, 1915.  
 Thomas Hamlin Hubbard. *Jour. N. Y. Bot. Gard.* **16**: 146. August 7, 1915.  
 History of the New York Botanical Garden. 1-16. [September 6, 1915.]  
 John Francis Cowell. *Jour. N. Y. Bot. Gard.* **16**: 191-193. September 24, 1915.

- Bequest of Jacob Langeloth. Jour. N. Y. Bot. Gard. **16**: 225. November 2, 1915.  
 Studies of West Indian plants.—VII. Bull. Torrey Club **42**: 487-517. November 5, 1915. Also as Contr. N. Y. Bot. Gard. no. 183.  
 The Mansion. Jour. N. Y. Bot. Gard. **16**: 231-233. *pl.* 164. November, 1915.  
 A Cuban journal of natural history. Jour. N. Y. Bot. Gard. **16**: 237, 238. November, 1915.

1916

- Report of the Secretary and Director-in-Chief for the year 1915. Bull. N. Y. Bot. Gard. **9**: 85-106. March 20, 1916.  
 Cassia polyphylla. Many-leaved senna. Addisonia **1**: 3, 4 *pl.* 2. March 31, 1916.  
 Nopalea Auberi. Auber's nopal. Addisonia **1**: 19, 20, *pl.* 10. March 31, 1916.  
 The natural vegetation of the Isle of Pines, Cuba. Jour. N. Y. Bot. Gard. **17**: 64-71, *pl.* 170. June 22, 1916.  
 Exogonium microdactylum. Slender red exogonium. Addisonia **1**: 33, 34, *pl.* 17. June 30, 1916.  
 Opuntia macrorhiza. Large-rooted prickly pear. Addisonia **1**: 37, 38, *pl.* 19. June 30, 1916.  
 Bequest of Emil C. Bondy. Jour. N. Y. Bot. Gard. **17**: 87. July 14, 1916.  
 Nelson Smith. Jour. N. Y. Bot. Gard. **17**: 103, 104. August 5, 1916.  
 The vegetation of Anegada. Mem. N. Y. Bot. Gard. **6**: 565-580. "August 31" [September 8] 1916.  
 The rose garden plans. Jour. N. Y. Bot. Gard. **17**: 111-115, *pl.* 175-177. September 12, 1916.  
 The New York Botanical Garden and Columbia University. Columbia Univ. Quart. **18**: 352-359. September, 1916.  
 Sisyrinchium Bermudiana. Bermuda Iris. Addisonia **1**: 43, 44, *pl.* 22. September 30, 1916.  
 Anthurium grandifolium. Large-leaved tail-flower. Addisonia **1**: 53, 54, *pl.* 27. September 30, 1916.  
 A white pine planting. Jour. N. Y. Bot. Gard. **17**: 152-154. October 14, 1916.  
 Studies of West Indian plants.—VIII. Bull. Torrey Club **43**: 441-469. October 20, 1916. Also as Contr. N. Y. Bot. Gard. no. 192.  
 A "Convention Garden." Jour. N. Y. Bot. Gard. **17**: 172, 173. November 3, 1916.  
 Opuntia vulgaris. Tall South American prickly pear. Addisonia **1**: 75, 76, *pl.* 38. December 30, 1916.  
 Echeveria australis. Southern echeveria. Addisonia **1**: 79, 80, *pl.* 40. December 30, 1916.

1917

- Studies of West Indian plants.—IX. Bull. Torrey Club **44**: 1-37. February 12, 1917. Also as Contr. N. Y. Bot. Gard. no. 195.
- Further development of the New York Botanical Garden. Jour. N. Y. Bot. Gard. **18**: 29-31. February 27, 1917.
- Peperomia obtusifolia*. Blunt-leaved peperomia. Addisonia **2**: 19, 20, *pl.* 50. March 31, 1917.
- Report of the Secretary and Director-in-Chief for the year 1916. Bull. N. Y. Bot. Gard. **9**: 293-311. April 10, 1917.
- Instruction in gardening, in cooperation with the International Children's School Farm League. Jour. N. Y. Bot. Gard. **18**: 53-61, *pl.* 192. April 13, 1917.
- Courses in gardening in cooperation with the International Children's School Farm League. Jour. N. Y. Bot. Gard. **18**: 95-98. June 11, 1917.
- El genero *Rynchospora* Vahl, en Cuba. Mem. Soc. Cubana "Felipe Poey" **2**: 185-200. "September-December, 1916" [June, 1917]. Also as Contr. N. Y. Bot. Gard. no. 194.
- Forests, hygiene and ethics. N. Y. Forestry **4**<sup>2</sup>: 24, 25, 32. July, 1917.
- Selden's Everyman's garden every week. *Torreya* **14**: 128. July 17, 1917. (Review.)
- Harrisia gracilis*. Jamaica harrisia. Addisonia **2**: 41, 42, *pl.* 61. September 29, 1917.
- Harrisia Martini*. Martin's harrisia. Addisonia **2**: 55, 56, *pl.* 68. September 29, 1917.
- Piaropus azureus*. Light-blue water-hyacinth. Addisonia **2**: 67, 68, *pl.* 74. December 31, 1917.

1918

- The relatives of catalpa trees in the West Indies. Jour. N. Y. Bot. Gard. **19**: 6-9, *pl.* 209. "January" [February] 1918.
- Flora of Bermuda (illustrated). i-ix, 1-585, *frontisp., f.* 1-519. February 28, 1918.
- An undescribed *Scirpus* from California. *Torreya* **18**: 36, 37, *f.* 1. March 8, 1918.
- Aronia atropurpurea*. Purple-fruited choke-berry. Addisonia **3**: 1, 2, *pl.* 81. March 30, 1918.
- Opuntia lasiacantha*. Slender white-spined prickly pear. Addisonia **3**: 19, 20, *pl.* 90. March 30, 1918.
- First grant from the income of the Charles Budd Robinson Fund. Jour. N. Y. Bot. Gard. **19**: 47, 48. April 1, 1918.
- Report of the Secretary and Director-in-Chief for the year 1917. Bull. N. Y. Bot. Gard. **9**: 403-433. April 30, 1918.
- The Herbaceous Grounds. Jour. N. Y. Bot. Gard. **19**: 77-79. April 30, 1918.

- John Adolph Shafer. *Jour. N. Y. Bot. Gard.* **19**: 97-99. May, 1918.  
 Reprinted, in Spanish translation, in *Mem. Soc. Cubana "Felipe Poey"* **3**: 225-228. "1918" [January, 1919].
- A red pine plantation. *Jour. N. Y. Bot. Gard.* **19**: 105, 106. May, 1918.
- Spring inspection of grounds, buildings, and collections. *Jour. N. Y. Bot. Gard.* **19**: 106-108. May, 1918.
- Torrey Botanical Club reminiscences. *Mem. Torrey Club* **17**: 24-28. June 10, 1918.
- Aronia arbutifolia*. Red-fruited choke-berry. *Addisonia* **3**: 33, *pl.* 97. June 29, 1918.
- The flora of the American Virgin Islands. *Brooklyn Bot. Gard. Mem.* **1**: 19-118. July 6, 1918. Also as *Contr. N. Y. Bot. Gard.* no. 203.
- The botany and plant products of northern South America. *Science* **II**. **48**: 156, 157. August 16, 1918. (Anonymous.) Reprinted: An investigation of the flora of northern South America. *Bull. Pan. Am. Union* **47**: 232-234. August, 1918. Reprinted in *Jour. N. Y. Bot. Gard.* **19**: 182-185. "August" [September] 1918.
- The School Garden Shelter House given by Mrs. Frederick Ferris Thompson. *Jour. N. Y. Bot. Gard.* **19**: 179, 180, *pl.* 215. "August" [September] 1918.
- James Alexander Scrymser. *Jour. N. Y. Bot. Gard.* **19**: 180, 181. "August" [September] 1918.
- Opuntia Opuntia*. Eastern prickly pear. *Addisonia* **3**: 49, 50, *pl.* 50. September 30, 1918.
- Byron David Halsted. *Jour. N. Y. Bot. Gard.* **19**: 221. "September" [October] 1918.

1919

- Dr. Henry Allen Gleason, appointed first assistant. *Jour. N. Y. Bot. Gard.* **20**: 39, 40. "January" [February] 1919.
- Report of the Secretary and Director-in-Chief for the year 1918. *Bull. N. Y. Bot. Gard.* **10**: 1-24. May 12, 1919.
- The Cactaceae. Descriptions and illustrations of plants of the Cactus family. (With Joseph Nelson Rose.) Volume I. i-vii, 1-236, *f.* 1-302; *pl.* 1-36. June 21, 1919. Carnegie Institution of Washington, Publication no. 248, volume I. Reprinted as a supplement to the *Journal of the Cactus and Succulent Society of America*, vols. 3-6 (1931-34).
- A large tulip tree struck by lightning. *Jour. N. Y. Bot. Gard.* **20**: 160. August, 1919.
- History of the Survey. *N. Y. Acad. Sci. Survey Porto Rico* **1**: 1-10. September 26, 1919.
- Addisonia*: its progress and publication. *Jour. N. Y. Bot. Gard.* **20**: 181, 182. "September" [October 7] 1919.
- The Scientific Survey of Porto Rico and the Virgin Islands. *Jour. N. Y. Bot. Gard.* **20**: 220, 221. November, 1919.



1920

- Flora of the District of Columbia. *Torrey* 19: 244-246. (Review.)  
 The wild pimento of Jamaica. *Jour. N. Y. Bot. Gard.* 21: 38, 39. "February" [April 9] 1920.  
 About Paulownia trees. *Jour. N. Y. Bot. Gard.* 21: 72, 73. "April" [May] 1920.  
 The Bahama flora. (With Charles Frederick Millspaugh.) i-viii, 1-695. June 26, 1920.  
*Cephalanthus occidentalis*. Button-bush. *Addisonia* 5: 17, 18, *pl.* 169. June 30, 1920.  
 Report of the Secretary and Director-in-Chief for the year 1919. *Bull. N. Y. Bot. Gard.* 10: 213-219. June 30, 1920.  
 A botanical expedition to Trinidad. *Jour. N. Y. Bot. Gard.* 21: 101-118. "June" [July] 1920.  
 The Cactaceae. Descriptions and illustrations of plants of the Cactus family. (With Joseph Nelson Rose.) Volume II. i-vii, 1-239, *f.* 1-305; *pl.* 1-40. September 9, 1920. Carnegie Institution of Washington, Publication no. 248, volume II. Reprinted; pages 1-148 as a supplement to the *Journal of the Cactus and Succulent Society of America*, vols. 6-8 (1934-36), the remainder separately in March, 1937.  
 Descriptions of Cuban plants new to science. *Mem. Torrey Club* 16: 57-118. September 13, 1920. Also as *Contr. N. Y. Bot. Gard.* no. 225.  
 Two new West Indian plants. *Torrey* 20: 83, 84. September 20, 1920.  
 George W. Perkins. *Jour. N. Y. Bot. Gard.* 21: 179. "September" [October 13] 1920.  
 Report by the Director-in-Chief upon a visit to botanical institutions in England. *Jour. N. Y. Bot. Gard.* 21: 197-208. November, 1920.

1921

- Investigation of the flora of northern South America. *Science* II. 53: 29, 30. January 14, 1921.  
 William Harris. *Jour. N. Y. Bot. Gard.* 22: 13, 14. "January" [February 12] 1921.  
 Francis Lynde Stetson. *Jour. N. Y. Bot. Gard.* 22: 44, 45. "February" [March 12] 1921.  
 Fanny Bridgham Fund. *Jour. N. Y. Bot. Gard.* 22: 45, 46. "February" [March 12] 1921.  
 The leafy spurge becoming a pest. *Jour. N. Y. Bot. Gard.* 22: 73-75, *f.* 1. "April" 1921  
 Further botanical studies in Trinidad. *Jour. N. Y. Bot. Gard.* 22: 93-102. "May" 1921.  
*Neoabbottia*, a new cactus genus from Hispaniola. (With Joseph Nelson Rose.) *Smithson. Misc. Coll.* 729: 1-6, *f.* 1, 2; *pl.* 1-4. June 15, 1921. Also as *Smithson. Inst. Publ.* no. 2651.

The Cacti of Trinidad. Bull. Dep. Agr. Trin. Tobago 19: 81-87. [June] 1921.

Stewardson Brown. Jour. N. Y. Bot. Gard. 22: 110-112. June, 1921.  
Report of the Secretary and Director-in-Chief for the year 1920. Bull. N. Y. Bot. Gard. 10: 307-322. September 10, 1921.

[Plant nomenclature: more suggestions.] Jour. Bot. 59: 296, 297. October, 1921.

George Valentine Nash. Jour. N. Y. Bot. Gard. 22: 145-147, *pl.* 261 (*portr.*). "August" [October] 1921.

Lathyrus latifolius. Everlasting pea. Addisonia 6: 35, 36, *pl.* 210. October 24, 1921.

Dr. Pennell's new position. Jour. N. Y. Bot. Gard. 22: 171, 172. "September" [December 8] 1921.

1922

Studies of West Indian plants.—X. Bull. Torrey Club 48: 327-343. February 28, 1922. Also as Contr. N. Y. Bot. Gard. no. 236.

Botanical investigations in Porto Rico. Jour. N. Y. Bot. Gard. 23: 49-59. "April" [June] 1922.

Report of the Secretary and Director-in-Chief for the year 1921. Bull. N. Y. Bot. Gard. 12: 1-15. July 6, 1922.

Notes on the plants collected by Mr. Bucher on Pico Turquino, Cuba. (With Percy Wilson.) Jour. N. Y. Bot. Gard. 23: 91-95. "July" [August] 1922.

Two new genera of Cactaceae. (With Joseph Nelson Rose.) Bull. Torrey Club 49: 251, 252. August 31, 1922.

Polystachya minuta. Polystachya. Addisonia 7: 19, *pl.* 234. September 25, 1922.

Xylophylla Epiphyllanthus. Hardhead. Addisonia 7: 31, *pl.* 240. September 25, 1922.

The Cactaceae. Descriptions and illustrations of plants of the Cactus family. (With Joseph Nelson Rose.) Volume III. i-vii, 1-255, *f.* 1-250; *pl.* 1-24. October 12, 1922. Carnegie Institution of Washington, Publication no. 248, volume III.

Crotalaria retusa. Large yellow-rattlebox. Addisonia 7: 47, *pl.* 248. December 4, 1922.

1923

Studies of West Indian plants.—XI. Bull. Torrey Club 50: 35-56. February 7, 1923. Also as Contr. N. Y. Bot. Gard. no. 238.

Three new plants of the family Rubiaceae from Trinidad. (With Paul Carpenter Standley.) Jour. Wash. Acad. 13: 105-107. March 19, 1923.

Cyperaceae. (Text, except Carex.) In: Abrams, Le Roy. An illustrated flora of the Pacific states 1: 255-281. 1923.

- Report of the Secretary and Director-in-Chief for the year 1902. Bull. N. Y. Bot. Gard. **12**: 103-115. June 7, 1923.
- Botanical exploration of Porto Rico and the Virgin Islands. Jour. N. Y. Bot. Gard. **24**: 93-99. "May" [June] 1923.
- Preface [to the Botany of Porto Rico and the Virgin Islands.] N. Y. Acad. Sci. Surv. Porto Rico **5**: 1-5. August 10, 1923.
- Botany of Porto Rico and the Virgin Islands. Descriptive flora.—Spermatophyta (part). (With Percy Wilson.) N. Y. Acad. Sci. Surv. Porto Rico **5**: 7-158. August 10, 1923.
- An unrecorded weed in Bermuda. *Torreya* **23**: 67, 68. August, 1923.
- Bignonia radicans*. Trumpet-creeper. *Addisonia* **8**: 39, 40, *pl.* 276. November 10, 1923.
- Phlebotaenia Cowellii*. Violet-tree. *Addisonia* **8**: 47, 48, *pl.* 280. November 10, 1923.
- The Cactaceae. Descriptions and illustrations of plants of the Cactus family. (With Joseph Nelson Rose.) Volume IV. i-vii, 1-318, *f.* 1-263; *pl.* 1-37. December 24, 1923. Carnegie Institution of Washington, Publication no. 248, volume IV. "Pages 1-80, text only, were distributed under date of October 9, 1923."

## 1924

- Francis Alexander Schilling. Jour. N. Y. Bot. Gard. **24**: 283, 284. "December, 1923" [January, 1924].
- Botany of Porto Rico and the Virgin Islands. Descriptive flora.—Spermatophyta (continued). (With Percy Wilson.) N. Y. Acad. Sci. Surv. Porto Rico **5**: 159-316. January 10, 1924.
- An extraordinary December. Jour. N. Y. Bot. Gard. **25**: 15, 16. January, 1924.
- Plants of the Galapagos Islands. Jour. N. Y. Bot. Gard. **25**: 10, 11. "January" [February] 1924.
- Hamelia axillaris*. Yellow hamelia. *Addisonia* **8**: 51, *pl.* 282. February 5, 1924.
- Lagetta Lagetto*. Lace-bark tree. *Addisonia* **8**: 61, *pl.* 287. February 5, 1924.
- Studies of West Indian plants.—XII. Bull. Torrey Club **51**: 1-12. February 8, 1924. Also as Contr. N. Y. Bot. Gard. no. 252.
- La vegetación de cayo Iacos. *Revista Agr. Puerto Rico* **12**: 91-96. February, 1924.
- The Scientific Survey of Porto Rico and the Virgin Islands. (Estudios científicos sobre Puerto Rico y las Islas Virgenes.) *Revista Agr. Puerto Rico* **12**: 109, 110. February, 1924.
- Las arenas de las planicies de la costa norte de Puerto Rico. *Revista Agr. Puerto Rico* **12**: 157, 158. March, 1924.
- Porto Rico coffee slump. *Tea & Coffee Trade Jour.* **46**: 653, 654. May, 1924.

- Report of the Secretary and Director-in-Chief for the year 1923. Bull. N. Y. Bot. Gard. **12**: 181-193. May 28, 1924.
- Descriptive flora of Porto Rico and the Virgin Islands. Jour. N. Y. Bot. Gard. **25**: 129-135. May, 1924.
- Botany of Porto Rico and the Virgin Islands. Descriptive flora.—Spermatophyta (continued). (With Percy Wilson.) N. Y. Acad. Sci. Surv. Porto Rico **5**: 317-474. June 16, 1924.
- A botanical expedition to extreme western Cuba. Jour. N. Y. Bot. Gard. **25**: 194, 195. July, 1924.
- Summer work with irises. Jour. N. Y. Bot. Gard. **25**: 196, 197. July, 1924.
- Acer rubrum*. Red maple. Addisonia **9**: 19, 20, *pl.* 298. July 30, 1924.
- Botany of Porto Rico and the Virgin Islands. Descriptive flora.—Spermatophyta (continued). (With Percy Wilson.) N. Y. Acad. Sci. Surv. Porto Rico **5**: 475-626. November 8, 1924.
- Asterandra grandifolia*. Tobillo. Addisonia **9**: 41, *pl.* 309. November 15, 1924.

1925

- Botany of Porto Rico and the Virgin Islands. Descriptive flora.—Spermatophyta (continued). (With Percy Wilson.) N. Y. Acad. Sci. Surv. Porto Rico **6**: 1-158. January 14, 1925.
- The pinetum, the collection of evergreen trees. Jour. N. Y. Bot. Gard. **26**: 1-3. "January" [February] 1925.
- Resignation of Doctor Murrill. Jour. N. Y. Bot. Gard. **26**: 13. "January" [February] 1925.
- El plantel del servicio forestal de Puerto Rico. Revista Agr. Puerto Rico **14**: 83, 84. February, 1925.
- Botany and horticulture of Porto Rico and the Virgin Islands. Jour. N. Y. Bot. Gard. **26**: 97-102. May, 1925.
- The Charles Patrick Daly and Maria Lydig Daly Fund. Jour. N. Y. Bot. Gard. **26**: 161. July [25], 1925.
- Report of the Secretary and Director-in-Chief for the year 1924. Bull. N. Y. Bot. Gard. **13**: 7-17. July 30, 1925.
- Barleria Prionitis*. Prionitis. Addisonia **10**: 17, *pl.* 329. August 6, 1925.
- Urena lobata*. Cadillo. Addisonia **10**: 19, *pl.* 330. August 6, 1925.
- Erythrina Poepigiana*. Bucare. Addisonia **10**: 21, *pl.* 331. August 6, 1925.
- Byrsonima Horneana*. Mrs. Horne's byrsonima. Addisonia **10**: 23, *pl.* 332. August 6, 1925.
- Tabebuia haemantha*. Roble colorado. Addisonia **10**: 25, *pl.* 333. August 6, 1925.
- Barbieria pinnata*. Enredadera. Addisonia **10**: 27, *pl.* 334. August 6, 1925.
- Chamaecrista mirabilis*. Porto Rico partridge-pea. Addisonia **10**: 29, *pl.* 335. August 6, 1925.

- Distictis lactiflora*. Liana fragrans. *Addisonia* 10: 31, *pl.* 336. August 6, 1925.
- Botany of Porto Rico and the Virgin Islands. Descriptive flora.—Spermatophyta (continued). (With Percy Wilson.) *N. Y. Acad. Sci. Surv. Porto Rico* 6: 159-316. August 31, 1925.
- Third grant from income of the Charles Budd Robinson Memorial Fund. *Jour. N. Y. Bot. Gard.* 26: 195, 196. September [30], 1925.
- The American oaks. *Jour. N. Y. Bot. Gard.* 26: 205. September [30], 1925. (Review.)
- The tree-cactuses of the West Indies. (With Joseph Nelson Rose.) *Jour. N. Y. Bot. Gard.* 26: 217-221. October, 1925. [Illust.]

## 1926

- An attempt to aid the natural propagation of hemlocks. *Jour. N. Y. Bot. Gard.* 27: 6-9. January [21], 1926.
- Bequest of Helen C. Inslee. *Jour. N. Y. Bot. Gard.* 27: 17, 18. January [21], 1926.
- A dwarf plantation. *Jour. N. Y. Bot. Gard.* 27: 25-29. February [10], 1926.
- Tree-ferns in Porto Rico. *Jour. N. Y. Bot. Gard.* 27: 88-90, *f.* 4. April [16], 1926.
- Further botanical investigation in Porto Rico. *Jour. N. Y. Bot. Gard.* 27: 97-102. May [27], 1926.
- Report of the Secretary and Director-in-Chief for the year 1925. *Bull. N. Y. Bot. Gard.* 13: 95-108. June 3, 1926.
- Botany of Porto Rico and the Virgin Islands. Descriptive flora.—Spermatophyta, with appendix (concluded). (With Percy Wilson.) *N. Y. Acad. Sci. Surv. Porto Rico* 6: 317-371. June 15, 1926.
- Osmia borinquensis*. Porto Rico *osmia*. *Addisonia* 11: 9, *pl.* 357. June 30, 1926.
- A portrait of Mrs. Daly. *Jour. N. Y. Bot. Gard.* 27: 135. June [30], 1926.
- Doctor William E. Wheelock. *Jour. N. Y. Bot. Gard.* 27: 186. August [7], 1926.
- The swamp cypresses. *Jour. N. Y. Bot. Gard.* 27: 205-207. September [27], 1926.
- Fourth grant from the income of the Charles Budd Robinson Fund. *Jour. N. Y. Bot. Gard.* 27: 234. October [15], 1926.
- Studies of West Indian plants.—XIII. *Bull. Torrey Club* 53: 457-471. October 30, 1926. Also as *Contr. N. Y. Bot. Gard.* no. 284.
- The American species of *Stipa*. *Torreya* 26: 93-95. October 30, 1926. (Review.)
- The David Lydig Fund. *Jour. N. Y. Bot. Gard.* 27: 251, 252. "November" [December 4] 1926.
- Teedia lucida*. Shining *teedia*. *Addisonia* 11: 37, *pl.* 371. December 9, 1926.

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- Ipomoea quinquefolia*. Small white morning-glory. *Addisonia* 11: 63, *pl.* 384. January 5, 1927.
- The William R. Sands Fund. *Jour. N. Y. Bot. Gard.* 28: 23. January [28], 1927.
- The Henry Iden Fund. *Jour. N. Y. Bot. Gard.* 28: 45, 46. "February" [March 3] 1927.
- A portrait of Judge Charles P. Daly. *Jour. N. Y. Bot. Gard.* 28: 46. "February" [March 3] 1927.
- Studies of the mimosas. *Jour. N. Y. Bot. Gard.* 28: 67, 68. March [16], 1927.
- The Darius Ogden Mills Fund. *Jour. N. Y. Bot. Gard.* 28: 68, 69. March [16], 1927.
- The Addison Brown Fund. *Jour. N. Y. Bot. Gard.* 28: 89, 90. April [13], 1927.
- Trees of Coamo Springs Hotel. 1-14. April, 1927. Los arboles de los Baños de Coamo. 1-15. April, 1927.
- The Maria De Witt Jesup Fund. *Jour. N. Y. Bot. Gard.* 28: 119, 120. May [17], 1927.
- Report of the Secretary and Director-in-Chief for the year 1926. *Bull. N. Y. Bot. Gard.* 13: 181-190. June 8, 1927.
- Further botanical studies in Porto Rico. *Jour. N. Y. Bot. Gard.* 28: 125-131, *f.* 1, 2. June [10], 1927.
- The Fanny Bridgham Fund. *Jour. N. Y. Bot. Gard.* 28: 148, 149. June [10], 1927.
- Sabinea punicea*. Caracolillo. *Addisonia* 12: 21, *pl.* 395. June 30, 1927.
- Angelonia salicariaefolia*. Angelon. *Addisonia* 12: 23, 24, *pl.* 396. June 30, 1927.
- Planting of young hemlocks in the Hemlock Grove. (With Barrington Moore.) *Jour. N. Y. Bot. Gard.* 28: 172, 173. July [9], 1927.
- Bequest of Dr. George Newton Best. *Jour. N. Y. Bot. Gard.* 28: 173, 174. July [9], 1927.
- Opening address [at the International conference on flower and fruit sterility, August 12-14, 1926]. *Mem. Hort. Soc. N. Y.* 3: 1. July, 1927.
- The Francis Lynd Stetson Fund. *Jour. N. Y. Bot. Gard.* 28: 200. August [5], 1927.
- Stahlia monosperma*. Cobana negra. *Addisonia* 12: 33, 34, *pl.* 401. October 28, 1927.
- Exogonium arenarium*. Cambustera. *Addisonia* 12: 35, *pl.* 402. October 28, 1927.
- Niopa peregrina*. Cojobana. (With Joseph Nelson Rose.) *Addisonia* 12: 37, *pl.* 403. October 28, 1927.
- Erythrina Corallodendrum*. Coral tree. *Addisonia* 12: 39, *pl.* 404. October 28, 1927.

- Chamaefistula antillana*. *Hediondilla*. (With Joseph Nelson Rose.)  
*Addisonia* 12: 41, *pl.* 405. October 28, 1927.  
*Canavali maritima*. Bay bean. *Addisonia* 12: 45, *pl.* 407. October 28,  
 1927.  
 The Iris Garden entrance and boundary fence adjoining. *Jour. N. Y. Bot.*  
*Gard.* 28: 266, 267. November [10], 1927.  
 Charles Frederick Rand. *Jour. N. Y. Bot. Gard.* 28: 302, 303. December  
 [27], 1927.

1928

- Doctor W. Gilman Thompson. *Jour. N. Y. Bot. Gard.* 29: 13, 14. January  
 [28], 1928.  
*Mimosaceae*. (With Joseph Nelson Rose.) *N. Am. Flora* 23: 1-76.  
 February 11, 1928.  
 Resolutions relative to the services of Doctor Frederic S. Lee to the New  
 York Botanical Garden. *Jour. N. Y. Bot. Gard.* 29: 42, 43. February  
 [16], 1928.  
 Forestry and agriculture in Porto Rico. *Jour. N. Y. Bot. Gard.* 29: 101-  
 104. May [12], 1928.  
 Report of the Secretary and Director-in-Chief for the year 1927. *Bull.*  
*N. Y. Bot. Gard.* 13: 257-260. May 31, 1928.  
 The John Innes Kane Fund. *Jour. N. Y. Bot. Gard.* 29: 210, 211. August  
 [16], 1928.  
*Mimosaceae* (continuatio). (With Joseph Nelson Rose.) *N. Am. Flora*  
 23: 77-136. September 25, 1928.  
 Bequest of the Burgess collection of asters. *Jour. N. Y. Bot. Gard.* 29:  
 267, 268. October [20], 1928. Reprinted in *Torreyia* 28: 100, 101.  
 November 16, 1928.  
 The herbarium of Eugene A. Rau. *Jour. N. Y. Bot. Gard.* 29: 284, 285.  
 November [30], 1928.  
*Mimosaceae* (conclusio). (With Joseph Nelson Rose.) *N. Am. Flora*  
 23: 137-194. December 20, 1928.  
*Ipomoea polyanthes*. Yellow morning-glory. *Addisonia* 13: 49, *pl.* 441.  
 December 31, 1928.  
*Jussiaea angustifolia*. Yerba de clavo. *Addisonia* 13: 51, *pl.* 442. De-  
 cember 31, 1928.  
*Tetrazygia elaeagnoides*. Cenizo. *Addisonia* 13: 53, *pl.* 443. December  
 31, 1928.  
*Chamaecrista Swartzii*. Tamarindillo. *Addisonia* 13: 55, *pl.* 444. De-  
 cember 31, 1928.  
*Columnnea Tulae*. Tibey parasitico. *Addisonia* 13: 57, *pl.* 445. December  
 31, 1928.  
*Rubus rosaefolius*. Mountain raspberry. *Addisonia* 13: 59, *pl.* 446. De-  
 cember 31, 1928.  
*Volkameria aculeata*. Prickly myrtle. *Addisonia* 13: 61, *pl.* 447. De-  
 cember 31, 1928.

*Pentarthaphia albiflora*. Porto Rico pentarthaphia. *Addisonia* 13: 63, *pl.* 448. December 31, 1928.

1929

[Botanical nomenclature.] *Proc. Internat. Congr. Pl. Sci. Ithaca.* 1569, 1570. [April] 1929.

Further studies in Porto Rico. *Jour. N. Y. Bot. Gard.* 30: 101-105. May [14], 1929.

Report of the Secretary and Director-in-Chief for the year 1928. *Bull. N. Y. Bot. Gard.* 13: 351-354. May 31, 1929.

The shrub yellow-root. *Jour. N. Y. Bot. Gard.* 30: 265-269, *f. 1.* November [14], 1929.

*Pseudocopaiva* Britton & Wilson, gen. nov. (With Percy Wilson.) *Trop. Woods* 20: 28. December 1, 1929.

1930

The planting of a *Stahlia* on Arbor Day in Porto Rico. *Jour. N. Y. Bot. Gard.* 31: 45-47. "February" [March 13] 1930.

The native Cactaceae of Porto Rico and the Virgin Islands. *Jour. Cact. Succ. Soc. Am.* 1: 226-231. June, 1930.

Scientific Survey of Porto Rico and the Virgin Islands. *Jour. N. Y. Bot. Gard.* 31: 161-167. July [21], 1930.

Texas cacti. *Jour. Cact. Succ. Soc. Am.* 2: 285, 286. August, 1930. (Review.)

Scientific survey of Porto Rico and the Virgin Islands. *Rev. Obr. Publ. Puerto Rico* 7: 242-245, *map.* September, 1930.

The cacti of Cuzco. *Jour. Cact. Succ. Soc. Am.* 2: 308. September, 1930. (Review.)

Foreword. In: Houghton, Arthur Duvernoix. *The cactus book.* vii, viii. October, 1930.

*Sabinea florida*. Watapama. *Addisonia* 15: 33, 34, *pl.* 497. October 25, 1930.

*Corynella paucifolia*. Retama. *Addisonia* 15: 35, 36, *pl.* 498. October 25, 1930.

*Jacquemontia subsalina*. Subsaline *jacquemontia*. *Addisonia* 15: 37, *pl.* 499. October 25, 1930.

*Proustia Krugiana*. Consul Krug's *proustia*. *Addisonia* 15: 39, *pl.* 500. October 25, 1930.

*Cestrum laurifolium*. Galan del monte. *Addisonia* 15: 41, *pl.* 501. October 25, 1930.

*Acnistus arborescens*. Gallinero. *Addisonia* 15: 43, *pl.* 502. October 25, 1930.

*Anoda acerifolia*. Violeta. *Addisonia* 15: 45, *pl.* 503. October 25, 1930.

*Mentzelia aspera*. Pegadora. *Addisonia* 15: 47, *pl.* 504. October 25, 1930.

Krameriaceae. *N. Am. Flora* 23: 195-200. November 18, 1930.



- Caesalpinaceae. (With Joseph Nelson Rose.) *N. Am. Flora* **23**: 201-268. November 18, 1930.  
 Note on *Consolea corallicola* Small. *Jour. Cact. Succ. Soc. Am.* **2**: 347, 348. November, 1930. [Illust.]  
 Caesalpinaceae (conclusio). (With Joseph Nelson Rose.) *N. Am. Flora* **23**: 269-349. December 6, 1930.  
 Botany of Porto Rico and the Virgin Islands. Supplement to the descriptive flora—Spermatophyta. Bibliography—Spermatophyta and Pteridophyta. Index to Volume V and VI. (With Percy Wilson.) *N. Y. Acad. Sci. Surv. Porto Rico* **6**: 523-663. December 19, 1930.

1931

- Note on *Pilocereus Straussii*. *Jour. Cactus Soc. Am.* **2**: 397. January, 1931.  
 Notes on *Byrnesia Weinbergii*. *Jour. Cact. Succ. Soc. Am.* **2**: 414. February, 1931.  
 The Cactaceae of Tehuacan. *Jour. Cact. Succ. Soc. Am.* **2**: 422. March, 1931. (Review.)  
 Additions to knowledge of Mexican Cactaceae. *Jour. Cact. Succ. Soc. Am.* **3**: 22. August, 1931. (Review.)  
 Recent scientific observations in Porto Rico. *Jour. N. Y. Bot. Gard.* **32**: 185-193. August [21], 1931.  
 Cyperaceae [of the Tyler-Duida Expedition]. *Bull. Torrey Club* **58**: 317, 318. November 21, 1931.  
 Caesalpinaceae [of the Tyler-Duida Expedition]. *Bull. Torrey Club* **58**: 371, 372. December 11, 1931.

1932

- Symplocos martinicensis*. Aceituna blanca. *Addisonia* **17**: 1, *pl.* 545. May 21, 1932.  
*Brunfelsia americana*. Aguacero. *Addisonia* **17**: 3, *pl.* 546. May 21, 1932.  
*Ghinia spinosa*. Cardero. *Addisonia* **17**: 5, *pl.* 547. May 21, 1932.  
*Phthirusa caribaea*. Hicaquillo. *Addisonia* **17**: 7, *pl.* 548. May 21, 1932.  
*Exogonium solanifolium*. Cambustera de costa. *Addisonia* **17**: 9, *pl.* 549. May 21, 1932.  
*Stegnosperma halimifolia*. *Stegnosperma*. *Addisonia* **17**: 11, *pl.* 550. May 21, 1932.  
*Portulaca poliosperma*. Sand portulaca. *Addisonia* **17**: 13, 14, *pl.* 551. May 21, 1932.  
*Osmia geraniifolia*. Geranium-leaved osmia. *Addisonia* **17**: 15, *pl.* 552. May 21, 1932.  
 The Alwin Berger succulent herbarium. *Jour. N. Y. Bot. Gard.* **33**: 196. "September" [October 4] 1932. Reprinted in *Jour. Cact. Succ. Soc. Am.* **4**: 290. December, 1932.

- The eastern local distribution of *Lemaireocereus Hystrix*. Jour. Cact. Succ. Soc. Am. 4: 285. November, 1932. [Illust.]  
 The flowers of *Opuntia Hanburyana* Weber. Jour. Cact. Succ. Soc. Am. 4: 297, *f. 1-6*. December, 1932.

1933

- An unrecognized species of cactus. Jour. Cactus Succ. Soc. Am. 4: 355. "April" [May] 1933.  
 Arthur Hollick. Jour. N. Y. Bot. Gard. 34: 121-124, *portr.* June [16], 1933.  
 John H. Finley, Foreman Gardener. Jour. N. Y. Bot. Gard. 34: 148. July [14], 1933.  
 An undescribed cactus of Culebra Island, Puerto Rico. Jour. Cactus Soc. Am. 5: 469. November, 1933.  
 New species of Colombian Mimosaceae and Caesalpiniaceae. (With Ellsworth Paine Killip.) Phytologia 1: 23, 24. December, 1933.

1934

- Record of germination of seeds of the violet tree or hueso (*Phlebotaenia Cowellii*) in the spring of 1933, and other notes on this tree. Agr. Notes Porto Rico Exp. Sta. 66: 1, 2. March, 1934.

1936

- Mimosaceae and Caesalpiniaceae of Colombia. (With Ellsworth Paine Killip.) Ann. N. Y. Acad. 35: 101-208, *pl. 1, 2*. April 1, 1936.