

OFFICIAL PUBLICATIONS OF CORNELL UNIVERSITY

VOLUME VII

NUMBER B

LIBRARIAN'S REPORT 1914-15

NOVEMBER 1, 1915
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LIBRARIAN'S REPORT

1914-15

To the President of the University:

SIR: I have the honor to submit herewith my annual report on the University Library for the year 1914-15.

The chief event of the year is Mr. Carnegie's generous gift of a fire-proof and burglar-proof treasure room for the safer keeping of the most valuable manuscripts and rarest printed books owned by the Library. This addition to the building is now in course of construction and will be completed within a few weeks. Such a treasure room was greatly needed, and our hearty thanks are given to Mr. Carnegie for his very welcome gift and for this evidence of his kindly interest in the Library. The need, however, still remains for a much larger extension of the north wing of the building to provide fitting quarters for the priceless Dante, Petrarch and Icelandic collections which, for ten years, have been crowded together, on one floor of the south stack, in surroundings which leave much to be desired in the way of facilities for the convenient use of the books by scholars. The printed catalogues of these important collections are likely to attract to the University, for study and research, increasing numbers of scholars and investigators who should be given all possible aid in their work. This extension is also urgently needed to provide properly for the rapidly growing card catalogue and for the administrative departments of the Library.

The growth of the Library, though interfered with to some extent by the effect of the European war upon the foreign book-trade, has been fairly satisfactory. The following table shows the additions made to the various more or less independent collections composing the University Library, during the year ending June 30th, 1915, and the present extent of each:*

	Volumes added in 1914-15	Present extent in	
		Volumes	Pamphlets
General Library.....	12,627	387,435	68,000
Law Library.....	1,409	47,231	
Flower Veterinary Library.....	235	4,681	
Barnes Reference Library.....	43	2,104	
Goldwin Smith Hall Library.....	31	2,207	
Stimson Hall Medical Library.....	53	1,385	
Agricultural College Library.....	1,216	8,906	
Forestry Library.....	1	1,180	
	15,615	455,129	68,000

*This report, with incomplete statistics, was handed in at the close of the academic year, June 16th, 1915, but, at the request of the President of the University, the statistics of the growth and use of the Library have been later brought down to June 30th, in conformity with previous reports and with the annual inventory.

The President White Historical Library, the Fiske special collections, the seminary and department collections are not separately enumerated in the table, but are included in the figures given for the general library. Of the additions to the general library (numbering 12,627 volumes) 4508 volumes were gifts. Of the additions to the other collections named in the table, the gifts number 217 volumes for the Law Library, 117 volumes for the Flower Library, 40 volumes for the Stimson Hall Library, two volumes for the Goldwin Smith Hall Library, and 31 volumes for the Agricultural College Library.

The English Collection, given at the close of last year by Professor J. M. Hart, was briefly mentioned in my last report, but without a definite statement of its extent. It has now been completely entered upon our accession books and classified, and has been found to contain 3013 volumes, partly included in the accessions for the current year. Among the gifts falling strictly within the year, the most noteworthy came from H. J. Patten, '84, who gave two hundred dollars for the purchase of English translations of modern foreign literature, and about 140 volumes have already been bought from this gift. A gift of about twenty-five dollars from J. A. Dix, '83, was used to provide a new set of the Century Dictionary for the reference shelves. The Cornell Menorah Society placed on permanent deposit in the Library a full set of the works issued by the Jewish Publication Society, and a complete set of the 'German Classics' was presented from the Jacob H. Schiff Fund. As heretofore, Ex-President White has been a generous contributor, his gifts during the year numbering 125 volumes. From Dr. R. A. Mead the Library received 82 volumes, chiefly in foreign literature, and from J. E. Widener a copy of the illustrated catalogue of pictures in the collection of P. A. B. Widener, issued for private distribution. Valuable contributions were also received from Mrs. R. C. H. Catterall, W. G. Bowdoin, H. B. Bradbury, I. W. Brewer, W. E. Griffis, J. P. Nicholson, and Sir Gilbert Parker. To you, Mr. President, and to many members of the University staff, the Library, as usual, is greatly indebted for frequent and valuable gifts. From the United States government and from many state and municipal governments, the annual supply of federal, state, and municipal documents has been received. The British, Canadian, and Australian Patent Offices continue to send regularly to the Library their valuable publications. These and the other gifts of the year have been duly acknowledged and a list of the donors will be submitted as an appendix to this report.

In addition to the income from the Sage Book Fund which still remains the chief source of our accessions, one-third of the free income from the Fiske Fund was, this year as last, made available for the purchase of books and periodicals, and for binding. This year brought a noteworthy addition to the book funds of the University in the fund of twenty-five hundred dollars, presented to Professor J. H. Comstock by his former students, for the establishment of a memorial library of entomology, and by him presented to the University, the income therefrom to be used in the formation of the "Comstock Memorial Library of Entomology," as indicated by the donors of the fund.

Among the more important purchases of the year from the Library funds a few may be mentioned: Colasanti's *L'Arte Bisantina in Italia*; Ramon de la Sagra's *Historia fisica, politica y natural de la isla de Cuba*; the *Thesaurus Antiquitatum Italiae* of Grævius and Gronovius; Baring-Gould's *Lives of the Saints*; the

British Museum Catalogues of Greek Coins; a collection of works on Lepidoptera from the Kearfott library, including Romanoff's *Mémoires sur les lépidoptères*; complete sets of the Collections of the Chicago Historical Society, the Reports and Papers of the Associated Architectural Societies, the publications of the British Fire Prevention Committee, the Transactions of the American Society of Refrigerating Engineers, Hardwicke's Science Gossip, the *Intermédiaire des chercheurs et curieux*, Northern Notes and Queries, the Scottish Historical Review, the *Revue d'histoire moderne et contemporaine*, the *Zeitschrift der Savigny-Stiftung für Rechtsgeschichte*, the *Zeitschrift für die gesamte Versicherungs-Wissenschaft*. During the year the following sets have been completed; Annals of the New York Academy of Sciences, Publications of the American Museum of Natural History, Memoirs of the Boston Society of Natural History, Papers of the Military Historical Society of Massachusetts, Journal of infectious diseases, Journal of the Institute of Bankers and the *Astronomische Nachrichten*.

Dr. A. C. White reports that the regular accessions of the year, both to the general University Library and the Library of the State College of Agriculture and to the various departments, have been promptly classified and entered on the shelf-lists. The arrangement and classification of the English collection, given by Professor J. M. Hart, has been completed, and the books are ready for use. Miss O. R. Ayres, Head Cataloguer, reports that the number of volumes, pamphlets, and maps catalogued for the general card catalogue, during the year, was 17,613; for these 15,323 cards were written, and 5,453 printed cards were obtained from the Library of Congress, making in all 20,776 cards added to the card catalogue.

Miss Fowler, the Curator of the Dante and Petrarch collections, reports that, besides taking care of the regular accessions to these collections, she has been working steadily upon the printed catalogue of the Petrarch collection which is now passing through the press.

Mr. Hermannsson, the Curator of the Icelandic Collection, reports that, besides caring for the accessions, including a large number collected by him in Iceland last year, he has been engaged in preparing for the press the special catalogue of the Runic division of the collection, and this is now in the hands of the printers. For volume seven of "Islandica," now passing through the press, he has edited an Icelandic satire, from the beginning of the 18th century, by Thorleifur Halldorsson, with an introduction, and an appendix containing this author's Latin poems.

Professor Burr, the Librarian of the President White Historical Library, has nothing noteworthy to report, as, owing to the effect of the European War upon trade, he has been unable to make many purchases of importance during the year.

Mr. W. H. Austen, in submitting the statistics of the recorded use of the Library, reports as follows:

"The Library has been open 309 days during the year, being closed only on Sundays, Thanksgiving, Christmas, New Year's, Fourth of July, and Labor Day. The recorded use does not total quite as much as that for the year 1913-14. As the out-lying collections grow in size and use, there is sure to be a diminution in the use of the central library. Also the records of 1913-14 showed an unusually increased use over the year before. The efforts to keep books in the library when not in actual use have been rather more successful than usual, showing the bor-

rowers of books are more and more realizing the reasonableness of the efforts to protect the needs of all library users."

The registered users of the general library are as follows: University officers, 518, students 618, special borrowers 33, borrowing libraries 74.

STATISTICS OF RECORDED USE OF THE LIBRARY

	1913-14	1914-15
Reading Room use	98,346	89,017
Seminary Room use	3,744	2,838
Departments, including laboratory use	5,336	7,898
Home use, from general library	28,033	26,012
Home use, from open shelf circulating library	5,582	6,187
Libraries and foreign loans	204	233
Total recorded use	141,245	132,185

The number of students who have registered and have taken books for home use from the open-shelf circulating collection was 948, and the number of University officers 249. The number of readers who took advantage of the open shelf arrangement, and used books in the room only was 5250. During the year 28 volumes were temporarily recalled from this collection for class use in the general library. That the privilege, afforded in this open-shelf collection, of free access to the shelves in choosing books for general reading promotes this use of the books and is fully appreciated by the users of the Library, it seems to me is clearly shown in the fact, brought out by Mr. Austen's statistics of recorded use, that the books (6,187 volumes) taken for home use from this small collection, containing less than 4,000 volumes, form nearly one-fifth of all the books taken for home use from the general library as a whole. It is also worth noting that the wisdom of keeping this collection in a separate room from the open-shelf reference collection seems to be confirmed by the experience of Yale University, where, for some years, a similar collection, designed to "cultivate a taste for general reading as distinguished from special lines of reading in connection with courses of study," has been housed in the main reading room, and in the same room are shelved the books of reference and the reserved books. In his report for 1912, the Librarian says, "the room thus serves the double purpose of meeting the requirements of the general and the special reader. Experience shows that this two-fold combination of features is undesirable, at least as a permanent feature of the Library. In planning the completion of the Library building this difficulty should be borne in mind."

In connection with the report on the recorded use of the Library, Mr. Austen has submitted a statement in detail of the number of "reserved books" in the Library, from which it appears that the reserved books in the Library building, including the seminary rooms, number 17,444 volumes and that the reserved books in departments outside the Library building number 24,339 volumes.

Mr. Ellis, the Curator of the shelf department, reports that the usual inventories of the stacks have been made, with the following results: 631 volumes are missing from their places in the stacks as against 571 last year and 523 the year before. The number of volumes found on the wrong shelves is 295 as against 301 last year and 292 the year before. As usual more than this number were found in the wrong order, though on the right shelf.

In the first term of the year Mr. Austen gave his regular two-hour introductory course in bibliography. In the second term the two-hour course in general bibliography was given by the Librarian. The annual record of publications by the University and its officers will be prepared by Miss Speed of the catalogue department, and the list of donors by Miss Leland of the order department. These will be submitted later as appendices to this report.

In closing my last report as Librarian of the University I may be permitted to bear testimony to the loyal and faithful services of past and present members of the staff, to record my grateful appreciation of the confidence and support given to me by the University authorities throughout the forty-two years I have spent in the service of the Library, and to express my deep and abiding interest in its welfare and my gratification that I am still to retain a nominal connection with it as Librarian Emeritus.

Respectfully submitted,
GEO. WM. HARRIS,
Librarian.

CORNELL UNIVERSITY

PUBLICATIONS, 1914-15

Under the Auspices of the University

The University Library is gathering a collection of the publications of all Cornellians. These are kept on the shelves in alphabetic order by University classes. Every Cornellian is asked to send to the Library a copy of every publication that he cares to have in such a collection.

- Official publications of Cornell University. Vol. v. No. D., G., No. 14-19;
vi. No. A.-D., No. 1-13.
Contents:—v. D. Report of the treasurer, 1913-14.
v. G. The Comstock Memorial, June 13, 1914.
v. 14. Announcement of the College of Law, 1914-15.
v. 15. New York State College of Agriculture. Announcement of the Department of Forestry, 1914-15.
v. 16. Catalogue number, 1913-14.
v. 17. President's report, 1913-14.
v. 18. Prize competitions, 1914.
v. 19. Proceedings at the opening of the Forestry building—Open meeting of the Society of American Foresters, May 16, 1914.
vi. A. Directory Cornell University, 1st term, 1914-15.
vi. B. Librarian's report, 1913-14.
vi. C. Directory Cornell University, 2d term, 1914-15.
vi. D. Summer session, Department of Botany, 1915.
vi. 1. Samples of entrance and scholarship examination papers, 1914.
vi. 2. General circular of information, 1915-16.
vi. 3. Register of Cornell University, 1914-15.
vi. 4. Announcement of the Sibley College of Mechanical Engineering and the Mechanic Arts, 1915-16.
vi. 5. Announcement of the Graduate School, 1915-16.
vi. 6. Announcement of the College of Civil Engineering, 1915-16.
vi. 7. Announcement of courses for the training of teachers and supervisors of music in the twenty-fourth summer session, July 5-Aug. 13, 1915.
vi. 8. Announcement of the 24th summer session, July 6—August 13, 1915.
vi. 9. New York State College of Agriculture. Announcement of the summer term, 1915.
vi. 10. Announcement of the College of Arts and Sciences, 1915-16.
vi. 11. College of Arts and Sciences. Announcement of the Department of Chemistry, 1915.
vi. 12. Announcement of the College of Law, 1915-16.
vi. 13. Announcement of the New York State Veterinary College, 1915-16.
Cornell architect. Vol. i. No. 1-3. Dec., 1914—June, 1915. Ithaca. 3 nos. 8°. Illus.
Cornell chemist. Vol. iv. No. 3; v. No. 1-2. Sept., 1914—April, 1915. Ithaca. 3 nos. 8°. Illus.
Cornell civil engineer. Vol. xxiii. Oct., 1914—June, 1915. Ithaca. 8°. pp. 646. Illus.
Cornell countryman. Vol. xii. Oct., 1914—June, 1915. Ithaca. 8°. pp. 770. Illus.
Cornell University Agricultural Experiment Station. Bulletin. No. 348-360. July, 1914—June, 1915. Ithaca. 13 nos. 8°. Illus.
Cornell University Agricultural Experiment Station. Circular. No. 24-29. July, 1914—May, 1915. Ithaca. 6 nos. 8°.
Cornell University Agricultural Experiment Station. Memoir. No. 3-5 Aug., 1914—Mar., 1915. Ithaca. 3 nos. 8°.

Cornell University College of Agriculture. Cornell reading-courses. Vol. iii. No. 67-72; iv. No. 73-88. July, 1914-May, 1915. Ithaca. 22 nos. 8° Illus.

Cornell University College of Agriculture. Cornell rural school leaflet; A. G. McCloskey and E. M. Tuttle, editors. Vol. viii. No. 1-4. Sept., 1914-Mar. 1915. Ithaca. 4 nos. 8° Illus.

Cornell University Medical College. Cornell University medical bulletin. Vol. iv. No. 1-4. New York, 1914-1915. 4 nos. 8°. Illus.

Contents:—1. Studies from the Department of Physiology. III.

2. Studies from the Department of Neurology.

3. Announcement of the Medical College, New York and Ithaca, 1915.

4. Studies from the Department of Medicine including therapeutics, applied pharmacology and dermatology.

Cornell University Music Department. 10th annual music festival, Bailey Hall, May 6-8, 1915. Ithaca, 1915. 8°. pp. 66 + (3). Illus.

Cornell University weekly calendar. Vol. vii. No. 1-33. Sept. 21, 1914-May 29, 1915. Ithaca. 33 nos. f°. Broadside.

Cornell veterinarian. Vol. iv. No. 2-5; v. No. 1. July, 1914-April, 1915. Ithaca. 5 nos. 8° Illus.

Journal of physical chemistry; editor, W. D. Bancroft. Vol. xviii. No. 7-9; xix. No. 1-6. Oct., 1914-June, 1915. Ithaca, 1915. 9 nos. 8° Illus.

Issued monthly except in July, August and September.

New York State Agriculture Department. Twenty-seventh annual report of the New York State College of Agriculture at Cornell University and the Agricultural Experiment Station established under the direction of Cornell University, Ithaca, N. Y., 1914; transmitted to the Legislature, Jan. 15, 1915. Albany, 1915. v. 8°

New York State Veterinary College. Report for the year 1913-14; transmitted to the Legislature, Jan. 29, 1915. Albany, 1915. 8°. pp. 310.

Philosophical review, edited by J. E. Creighton with the co-operation of J. Seth. Vol. xxiii. No. 4-6; xxiv. No. 1-3. July, 1914-May, 1915. 2m. New York. 6 nos. 8°

Sibley journal of engineering. Vol. xxix. Oct., 1914-June, 1915. Ithaca. 8° pp. 345. Illus.

By Officers

In the present list are included the titles of books, pamphlets, and contributions to periodicals, transactions, etc., published by officers and fellows of the University during the period extending from July 1, 1914, to June 30, 1915, with some titles omitted in previous lists.

Adams, Bristow. The woodlot problem. (Forestry Quarterly, xiii, p. 208. 1914.)

— editor. Cornell University College of Agriculture. Publications, 1914-15.

Adams, J. Q., jr. Hamlet's "Brave o'er hanging firmament." (Mod. Lang. Notes, xxx, p. 70. 1915.)

— The life and work of Benjamin Sledd. (Library of Southern Literature, xii, p. 4851. 1914.)

— [Reviews of] A new variorum edition of Cymbeline, edited by H. H. Furness. (Jour. of Eng. and Germ. Philol., xiv, p. 307. 1915); Poetaster and satiromastix, edited by J. H. Penniman. (Same, xiii, p. 613. 1914.)

— associate editor. Materialien zur Kunde des älteren englischen Dramas, 1914-15.

Albee, Ernest. [Review of] A new conception of relativity and Locke, by H. G. Hartmann. (University of Cincinnati studies). (Philos. Rev., xxiii, p. 690. 1914.)

Allen, A. A. At home with a hell-diver. (Bird Lore, xvi, p. 243. 1914.)

— Birds in their relation to agriculture in New York State. (Cornell Reading Courses: Course for the Farm, iv, No. 76, p. 17. 1914.)

- On the trail of the evening grosbeaks. (Bird Lore, xvi, p. 429. 1914.)
- The Paramo of Santa Isabel. (Amer. Museum Jour., xv, p. 3. 1915.)
- [Articles in the Cornell Rural School Leaflet, vol. 8, No. 1, Sept., 1914.] The bluebird, p. 39; The canary, p. 36; The chipping sparrow, p. 31; The crow, p. 62; The food of birds, p. 18; The heron, p. 44; How to attract wild birds, p. 12; The junco, p. 49; The robin, p. 37; The screech owl, p. 60; The snowflake, p. 47; The song sparrow, p. 27; Sparrows, p. 22; The tree sparrow, p. 34; Vesper sparrow, p. 32; The white-throated sparrow, p. 29; Wild ducks, p. 41; Wild geese, p. 42.
- Anderson, R. P., and C. J. Engelder.** The absorption of gasoline vapor in natural gas by fuming sulphuric acid. (Jour. of Industrial and Engineering Chem., vi, p. 989. 1914.)
- Andrews, A. L.** Bryological notes: I. *Aschisma kansanum* new species, with remarks upon the genus. (Torreya, xv, p. 63. 1915.)
- A collection of hepaticæ from North Carolina. (Bryologist, xvii, p. 58. 1914.)
- Helgi Haddingjaskati and his place in the old Norse hero-legend. I. "Haddingjaskati" and the "Haddingjar." (Soc. for the Advancement of Scandinavian Study. Pub., ii, p. 63. 1915.)
- Notes on North American sphagnum. VI. (Bryologist, xviii, p. 1. 1915.)
- [Review of] Iceland. Horseback tours in Saga land, by W. S. C. Russell. (Amer. Scandinavian Rev., iii, p. 53. 1914.)
- Atkinson, G. F.** Destruction of the tent caterpillar. (Ithaca Daily Jour., 11 May, 1915.)
- Development of *agaricus arvensis* and *a. comtulus*. (Amer. Jour. of Botany, i, p. 3. 1914.)
- The development of *amanitopsis vaginata*; advance abstract. (Science, N. S. xxxix, p. 257. 1914.)
- The development of *amanitopsis vaginata*. (Annales Mycologici, xii, p. 369. 1914.)
- The development of *armillaria mellea*. (Mycologisches Centralblatt, iii, p. 113. 1914.)
- The development of *lepiota clypeolaria*; advance abstract. (Science, N. S. xxxix, p. 257. 1914.)
- The development of *lepiota clypeolaria*. (Annales Mycologici, xii, p. 346. 1914.)
- Homology of the universal veil in *agaricus*. (Mycologisches Centralblatt, v, p. 13. 1914.)
- Morphology and development of *agaricus rodmani*; abstract. (Science, N. S. xli, p. 837. 1915.)
- Origin and development of the lamellæ in *coprinus comatus*, *atramentarius* and *micaceus*. (Same, N. S. xli, p. 171. 1915.)
- Phylogeny and relationships in the ascomycetes. (Missouri Botanical Garden. Annals, ii, p. 315. 1915.)
- Segregation of characters in first generation hybrids from stable species of *œnothera*; advance abstract. (Science, N. S. xxxix, p. 256. 1914.)
- The specific identity of *dictyophora duplicata* and *ithyphallus impudicus*; abstract. (Same, N. S. xli, p. 171. 1915.)
- [Papers from the laboratory of G. F. Atkinson]. A bibliography of works on meiosis and somatic mitosis in the angiosperms, by M. Picard. (Torrey Bot. Club. Bull., xl, p. 575. 1913); A consideration of structure in relation to genera of the polyporaceæ, by A. Ames. (Annales Mycologici, xi, p. 211. 1913); A contribution to the life history and physiology of *cylindrosporium* on stone fruits, by B. B. Higgins. (Amer. Jour. of Bot., i, p. 145. 1914)—Advance abstract (Science, N. S. xxxix, p. 258. 1914); Growth studies in forest trees. 2. *Pinus strobus* L., by H. P. Brown. (Bot. Gazette, lix, p. 197. 1915); Studies in nuclear division of *preissia commutata*, by M. C. Graham. (Annals of Botany, xxvii, p. 661. 1913); A timber rot accompanying *hymenochaete rubiginosa*

(Schrad.) Lev., by H. P. Brown. (*Mycologia*, vii, p. 1. 1915); The transpiration of emersed water plants, its measurements and its relationships, by C. H. Otis. (*Bot. Gazette*, lviii, p. 457. 1914.)

Bailey, H. C., and J. R. Murlin. The energy requirement of the new-born. (*Amer. Jour. of Obstetrics*, lxxi, p. 526. 1915.)

Baker, V. C. Neurasthenia among garment workers. (*Med. Rec.*, lxxxvii, p. 592. 1915.)

Bancroft, W. D. The coagulation of albumin by electrolytes. (*Jour. of Physical Chem.*, xix, p. 349. 1915.)

— Hydrous ferric oxide. (Same, xix, p. 232. 1915.)

— The neutralization of absorbed ions. (Same, xix, p. 363. 1915.)

— Oxycellulose. (Same, xix, p. 159. 1915.)

— The theory of colloid chemistry. (Same, xviii, p. 549. 1914.)

— The theory of dyeing. IV, V. (Same, xix, p. 50, 145. 1915.)

— The theory of emulsification. VI, VII. (Same, xix, p. 275, 513. 1915.)

— and **H. B. Weiser.** Electrolytic flames. (*Amer. Electrochem. Soc. Trans.*, xxv, p. 121. 1914.)

— — Flame reactions, III, IV. (*Jour. of Physical Chem.*, xviii, p. 762. 1914; xix, p. 310. 1915.)

[Papers from the laboratory of W. D. Bancroft, published in the *Jour. of Physical Chem.*] Cool flames with ether by Alan Leighton, xviii, p. 619. 1914; The copper lakes of eosin by H. N. Gilbert, xviii, p. 586. 1914; The electrolytic determination of nickel by W. J. Marsh, xviii, p. 705. 1914—Also in *Amer. Electrochem. Soc. Trans.*, xxvi, p. 79. 1914; Hydrous chromic oxide by C. F. Nagel, jr., xix, p. 352. 1915; Organic liquids and alkaline solutions by T. J. Twomey, xix, p. 360. 1915; A study of lithopone by W. J. O'Brien, xix, p. 113. 1915.

Also 44 signed book reviews in the *Journal of Physical Chemistry*.

— editor. *Journal of Physical Chemistry*, 1914-15.

Barnard, W. N. Introduction to history of Sibley College. (*Sibley Jour. of Engineering*, xxix, p. 297. 1915.)

Barringer, B. S. Diagnosis and advice in venereal diseases as furnished by the Dept. of Health, N. Y. City. (*Social Hygiene*, i, p. 53. 1914.)

— Uretrocele and ureteral stone. (*Amer. Assoc. of Genito-Urinary Surgeons. Trans.*, ix, p. 44. 1914.)

— and **P. S. Platt.** A survey of the venereal disease clinics and a statistical test of venereal disease clinics in N. Y. City. (*Social Hygiene*, i, p. 344. 1915.)

Barrus, M. F. An open letter to druggists who have trade in rural communities. (*Amer. Druggist and Pharmaceutical Rec.*, lxiii, p. 28. 1915.)

— The relationship of the business of the local druggist to the sale of insecticides and fungicides. (*N. Y. State Pharm. Assoc. Proc.*, 1914, p. 134.)

Beal, A. C. Cut flower industry in North America. (*Bailey, L. H. Standard Cyclopedia of Horticulture*, ii, p. 922. 1914.)

— Florists' plants. (Same, iii, p. 1243. 1915.)

— Investigations in floriculture. (*Cornell Countryman*, xi, p. 165. 1914.)

— Report of Committee on Floricultural Courses. (*Soc. for Hort. Science. Proc.*, 1914, p. 40.)

— The rose garden at Cornell University. (*Amer. Rose Soc. Proc.*, 1914, p. 64.)

Bedell, Frederic. A lamp slip indicator. (*Electrical Rev. and Western Electrician*, lxv, p. 1224. 1914.)

— and **Ralph Brown.** Derivation of wave-form of flux from wave-form of electromotive force. (*Electric Jour.*, xii, p. 23. 1915.)

— — Some applications of Simpson's rule in integrating periodic functions. (*Physical Rev.*, 2d ser., iv, p. 548. 1914.)

— and **E. C. Mayer.** Distortion of alternating current wave caused by cyclic variation in resistance. (*Amer. Institute of Electrical Engineers. Proc.*, xxxiv, p. 177. 1915.)

— and others. Distortion factors, by F. Bedell, assisted by R. Bown and C. L. Swisher. (Same, xxxiv, p. 1059. 1915.)

— and others. Form factor and its significance, by F. Bedell, assisted by R. Bown and H. A. Pidgeon. (Same, xxxiv, p. 1051. 1915.)

— [Reviews of] Geometry of four dimensions, by H. P. Manning. (Physical Rev., 2d ser. iv, p. 556. 1914); Principles of electrical measurements, by A. W. Smith. (Science, n. s. xl, p. 820. 1914); Second course in algebra, by W. B. Fite. (Physical Rev., 2d ser. iv., p. 555. 1914.)

— managing editor. Physical Review, 1914-15.

Beebe, S. P., joint author. The active principles of different organs as shown in kymograph tracings, by G. G. Fawcett, J. Rogers, J. M. Rahe and S. P. Beebe. (Amer. Jour. of Physiol., xxxvii, p. 453. 1915.)

— joint author. The effect of thyroid extracts upon blood pressure, by G. G. Fawcett, J. Rogers, J. M. Rahe and S. P. Beebe. (Same, xxxvi, p. 113. 1915.)

Beekman, Fenwick. Precocious maturity in girls. (Archives of Pediatrics, xxxii, p. 4. 1915.)

— See also **Gibson, C. L.**, and **Fenwick Beekman.**

Benedict, S. R. The estimation of creatine. (Jour. of Biol. Chem., xviii, p. 191. 1914.)

— On the colorimetric determination of uric acid in blood. (Same, xx, p. 629. 1915.)

— The preparation of creatine and creatinine from urine. (Same, xviii, p. 183. 1914.)

— Studies in uric acid metabolism. I. On the uric acid in ox and in chicken blood. (Same, xx, p. 633. 1915.)

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APPENDIX

TO THE

REPORT OF THE LIBRARIAN

1914-15

LIST OF DONORS OF BOOKS TO THE UNIVERSITY LIBRARY, INCLUDING THE SPECIAL LIBRARIES

	VOLS.		VOL.
Aberdeen University	1	American Medico-Psychological Association	1
Atrams, A. W	1	American Philosophical Society	1
Academia Scientiarum Imperialis, St. Petersburg	1	American Poland-China Record Association	2
Academy of Science of St. Louis	1	American Pulley Company	1
Adams, J. Q	6	American Railway Bridge and Building Association	1
Alabama—State Departments	1	American Shropshire Registry Association	2
Albany Academy	1	American Society of Civil Engineers	3
Alberta—King's Printer	3	American Society of Heating and Ventilating Engineers	2
Alexander, C. P	1	American Society of International Law	3
Alexander, S. A	1	American Southdown Breeders' Association	1
American Aberdeen-Angus Breeders' Association	1	American Telephone and Telegraph Company	1
American Art Association	1	American Water Works Association	1
American Association for International Conciliation	8	American Wood Preservers' Association	2
American Association for Labor Legislation	1	Amherst College	1
American Association of Public Accountants	1	Amoroso Lima, C. E	1
American Bar Association	1	Anonymous	18
American Berkshire Association	2	Apcar, Mrs. D. A	2
American Book Company	3	Arkansas Bar Association	1
American Economic Association	2	Armstrong Cork and Insulation Company	1
American Gynecological Society	1	Arnold, B. J	1
American Hereford Cattle Breeders' Association	1	Asakawa, K	1
American Institute of Christian Philosophy	1	Association of Civil Engineers of Cornell University	8
American Institute of Electrical Engineers	9	Association of Colleges and Preparatory Schools in Middle States and Maryland	1
American Institute of Mining Engineers	2	Association of Life Insurance Medical Directors of America	1
American Irish Historical Society	1		
American Laryngological Association	1		
American Laryngological, Rhinological and Otological Society	1		

Association of Life Insurance Presidents	1	Carnegie Endowment for International Peace.....	9
Association of the Bar of the City of New York.....	1	Carnegie Foundation for the Advancement of Teaching.....	2
Astor, H.....	4	Carnegie Institution of Washington	22
Atkinson, G. F.....	1	Carnegie Steel Company	2
Atlantic Deeper Waterways Association	1	Carr, O. E.....	1
Austen, Willard.....	5	Catterall, Mrs. R. C. H.....	56
Australia—Government Offices.....	11	Charleston, S. C.—City Offices.....	1
Ayrshire Cattle Herd Book Society of Great Britain and Ireland...	2	Cheshire Swine Breeders' Association	1
Balinski, J.....	1	Chicago—City Offices.....	12
Bailey, E. J.....	3	Christiania University	1
Bailey, L. H.....	8	Clark, H. W.....	1
Baker, W. C.....	1	Clark University.....	3
Baldwin Locomotive Works.....	1	Claussen, M. B.....	1
Bank of the Manhattan Co.....	1	Cleveland, Mrs. M. L.....	6
Barringer, D. M.....	1	Cleveland, Ohio—City Offices.....	1
Beemelmans, F. T.....	1	Cleveland Chamber of Commerce...	1
Belgium—Government Offices.....	1	Clydesdale Horse Society.....	1
Bellows, H. P.....	1	Coblentz, W. W.....	2
Benedict, Miss C.....	1	Coimbra University.....	2
Bennett, C. E.....	1	Colombia—Government Offices...	7
Bensaude, J.....	1	Colorado—State Departments...	11
Benton, J. H.....	2	Columbia University.....	4
Bergens Museum.....	1	Commercial Club of Duluth.....	1
Berlin—Königliche Bibliothek.....	1	Committee for Immigrants in America	1
Berliner, E.....	1	Comstock, J. H.....	14
Bermuda—Government Offices.....	1	Connecticut—State Departments...	19
Biblioteca Nacional, Habana...	2	Continental Dorset Club.....	2
Blakey, R. G.....	1	Cook, C. C.....	1
Bohemian National Alliance of America	1	Cooper, Lane.....	3
Boston—City Offices.....	5	Copenhagen University.....	1
Boston Public Library.....	2	Cornell Annuals, Inc.....	2
Bowdoin, W. G., jr.....	12	Cornell Menorah Society.....	5
Bradbury, H. B.....	5	Cornell University—Colleges and Departments	137
Brazil—Government Offices.....	1	Cornell University Club, New York	1
Bretz, J. P.....	1	Cornell University Philosophical Society	1
Brewer, I. W.....	29	Cornwall, Miss S. J.....	2
Bristol, G. P.....	8	Cosmopolitan Club.....	1
British Berkshire Society.....	19	Courtenay, W. A.....	1
British Columbia—King's Printer	1	Coville, Luzerne.....	2
Bromberg, F. G.....	1	Coville, Miss M. E.....	1
Brown, R. G.....	1	Crane, T. F.....	1
Brown University.....	4	Crawford, A. W.....	1
Bryn Mawr College.....	1	Crosby, C. R.....	20
Buchanan, G. D.....	1	Crum, F. S.....	1
Buenos Ayres University.....	9	Cuarto Congreso Científico.....	2
Buffalo—City Offices.....	5	Curran and Hudson.....	1
Buffet, E. P.....	1	Curtis, C. W.....	1
Bureau of Railway Economics.....	1	Cuthbert, W. R.....	1
Burr, G. L.....	38	Cutler-Hammer Mfg. Co.....	1
California—State Departments...	2	Dann, H. E.....	1
Cambridge, Mass.—City Offices...	1	Davis, E. G.....	1
Canada—Government Offices.....	94	DeBenneville, J. S.....	1
Canadian Society of Civil Engineers	1	Deeds, E. A.....	1
Carey, S.....	1	DeForest, H. P.....	4

Dennis, H. W.	1	Haarlem, Holland—Stads-Biblio-	
Depew, C. M.	1	theek	1
Devon Cattle Breeders' Society. . .	1	Hale Memorial Fund.	1
District of Columbia—Government		Hall, M. L.	1
Offices	1	Halliday, M. S.	1
Dix, J. A.	12	Hampshire Down Sheep Breeders'	
Doubleday, Page & Co.	1	Association	1
Dresbach, M.	1	Harris, G. W.	4
Drew, W. L.	10	Hart, J. M.	1513
Druskin, S. J.	1	Hartford, Conn.—City Offices .	4
Dublin University.	3	Harvard University	7
Duncan, C. H.	1	Hastings, T. W.	1
Eddy, Mrs. M. B. (Trustees under		Hayne, G. O.	9
the will of)	10	Heidelberg University.	1
Edinburgh University.	1	Hewett, W. H.	2
Eidlitz, M. & Son.	1	Hills, E. C.	2
Elisha Mitchell Scientific Society	1	Holmes, F. R. and J. D.	2
Ellis, W. W.	1	Hopkins, G. S.	1
Ellwood, C. A.	1	Howell, J.	1
Emerson, O. F.	1	Hoy, D. F.	4
Engeln, O. D. von.	1	Hueffer, F. M.	1
English Guernsey Cattle Society .	1	Hughes, D. A.	2
Ewen, H. L'E. (Executors of)	1	Hull, C. H.	44
Ezekiel, H. T.	1	Hyde, W. W.	3
Fatherland Corporation, Inc.	1	Idaho—State Departments. . .	1
Faust, A. B.	1	Illinois—State Departments. .	10
Felt, E. P.	3	Illinois Bar Association.	1
Fetter, F. A.	1	Illinois State Historical Society .	3
Field Museum of Natural History	4	India—Government Offices.	13
Finance Forum.	1	Indiana—State Departments . .	7
Florida—State Departments. . .	6	Indiana Bar Association	1
Flowers, A. E.	3	Ingersoll, Miss E. S.	1
Ford, Bacon & Davis.	1	Institute of Marine Engineers.	1
Formosan Government.	1	Institution of Civil Engineers.	1
Fort Wayne, Ind.—City Offices.	1	Institution of Mechanical En-	
Foulke, W. D.	1	gineers.	2
Friends' General Conference.	1	Institution of Mining and Metal-	
Frost Publishing Company.	2	lurgy	1
Funkhouser, W. D.	5	International Y. M. C. A. Training	
Gage, S. H.	12	School	2
Gage, Mrs. S. H.	1	Investment Bankers' Association	
Galloway, B. T.	1	of America.	1
Geissler, L. R.	1	Iowa—State Departments. . .	4
General Education Board.	1	Iowa Academy of Sciences . . .	1
George Washington University . .	1	Iowa State College.	1
Germanistic Society of America. . .	1	Iowa State Horticultural Society. .	1
Giesecke, A. A.	1	Irvine, Frank.	1
Gilbert, A. W.	1	Italy—Government Offices.	4
Glasgow University.	1	Jameson, J. F.	1
Gloucester, Mass.—City Offices. . .	1	Janet, C.	1
Grand Rapids, Mich.—City Offices	1	Japan—Government Offices. .	1
Granite State Dairymen's Associa-		Japan Society.	1
tion.	1	Jeffery, T. B., Co.	1
Great Britain—Government Offices	130	Jenks, J. W.	1
Griffis, W. E.	27	Jensen, G. E.	3
Griscom, L.	7	John Crerar Library	1
Groningen University	1	John Rylands Library.	2
Grönland—Kommissionen for Le-		Johns Hopkins University . .	1
delsen	1	Johnson, A. S.	2

Kansas—State Departments.....	5	Middle Temple Library.....	6
Kansas City—City Offices.....	1	Military Order of Loyal Legion of	
Karapetoff, Vladimir.....	9	U. S.....	9
Kendall, Miss E.....	1	Milwaukee—City Offices.....	1
Kenney, E. C.....	1	Minneapolis and St. Louis Railroad	
Kent or Romney Marsh Sheep		Company.....	1
Breeders' Association.....	1	Minnesota—State Departments.....	6
Kentucky Bar Association.....	1	Minnesota Bar Association.....	6
Kerr, A. T.....	1	Mississippi—State Departments.....	1
Kimball, D. S.....	2	Mississippi Bar Association.....	6
Kirk, R. R.....	2	Missouri—State Departments.....	2
Knudson, Lewis.....	2	Missouri Bar Association.....	2
Koch, T. W.....	1	Monroe, B. S.....	5
Kromphardt, G. F.....	1	Moore, C. C.....	1
Kyoto University.....	1	Moore, V. A.....	1
Lackawanna Steel Company.....	1	Morgenstern, J.....	1
Lake Mohonk Conference on Inter-		Morrison, H.....	5
national Arbitration.....	3	Musée Océanographique de Monaco	1
Large Black Pig Society.....	1	Museo Nacional de Buenos Aires...	2
Lawyers' Co-Operative Pub. Co.	7	National Academy of Sciences.....	1
Legal Intelligencer.....	1	National Association for the Study	
Légation Royale de Grèce.....	1	of Tuberculosis.....	5
Leland, O. M.....	2	National Association of Corpora-	
Leonard, M. D.....	1	tion Schools.....	1
Lilly, A. A.....	3	National Association of Wool	
Lima, E. D. A. de.....	1	Manufacturers.....	1
Lincoln Publishing Corporation.....	1	National Tax Association.....	1
Los Angeles—City Offices.....	1	National Terra Cotta Society.....	1
Louisiana—State Departments.....	2	Natural Ice Association of America	1
Louisiana Purchase Exposition Co.	2	Nebraska—State Departments.....	1
Lueder, C. A.....	1	Needham, J. G.....	1
Lund University.....	3	Nevada Bar Association.....	1
Lyle, H. H. M.....	1	New Brunswick—King's Printer...	1
McKoon, B. P.....	1	New Hampshire—State Depart-	
McMahon, J.....	1	ments.....	5
Maine—State Departments.....	29	New Hampshire Historical Society	1
Maine Bar Association.....	1	New Jersey—State Departments...	12
Manitoba—King's Printer.....	5	New Jersey Bar Association.....	4
Marquez B, A.....	1	New Jersey State Horticultural	
Marshall, E. J.....	6	Society.....	3
Martin, C. A.....	2	New South Wales—Government	
Martinet, G.....	1	Offices.....	7
Maryland—State Departments...	1	New York (City)—City Offices.....	26
Maryland Bar Association.....	2	New York (State)—State Depart-	
Maryland Peace Society.....	1	ments.....	125
Massachusetts—State Departments	23	New York Central & Hudson River	
Massachusetts Bar Association.....	4	Railroad Company.....	1
Massachusetts Horticultural So-		New York County Lawyers' Asso-	
cietv.....	1	ciation.....	1
Master Car and Locomotive Paint-		New York Public Library.....	2
ers' Association.....	1	New York State Young Men's	
Maynard, R. L.....	1	Christian Association.....	1
Mead, R. A.....	82	New York University.....	6
Medical Library Association.....	2	New Zealand—Government Offices	2
Melbourne University.....	1	Newfoundland—King's Printer.....	2
Mellon Institute of Industrial Re-		Nicholson, J. P.....	1
search.....	1	North, R. H.....	1
Metropolitan Club.....	1	North American Civic League for	
Mexico University.....	1	Immigrants.....	
Michigan—State Departments.....	10		

North Carolina—State Departments	13	Rothermel, J. H.	1
North Dakota—State Departments	1	Royal Institute of British Architects	2
Northup, C. S.	4	Royal Jersey Agricultural and Horticultural Society	1
Northwestern Mutual Life Insurance Company	1	Royal Society of Canada	1
Nova Scotia—King's Printer	3	Rudwin, J. M.	2
Ogden, H. N.	2	Russell Sage Foundation	1
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