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PRINTED IN 1918

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PREFATORY NOTE

The following list of theses (1918) has been compiled according to the plan adopted for the list of 1912, in which the method and arrangement are explained on pages 7 to 9 of the introduction by Mr. Charles A. Flagg. Theses received before November 1, 1920, are included in this list; theses received later will appear as a supplement to the list for 1919.

Supplementary lists of theses printed in 1914, 1916, and 1917 are prefixed. They are numbered continuously with the lists of 1914, 1916, and 1917 and distinguished in the subject index (Section III) by the addition of the date.

KATHARINE JACOBS

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Washington, D. C., November, 1920

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SUPPLEMENTARY LISTS OF THESES PRINTED
IN 1914, 1916, AND 1917

(Received too late for 1914, 1916, and 1917 lists)

FOURTH SUPPLEMENTARY LIST OF THESES PRINTED IN 1914

(In continuation of first, second, and third supplementary lists prefixed to
Lists of Theses printed in 1915, 1916, and 1917)

319 Harmon, Esther, 1880-

Johanna Schopenhauer . . . München, Kgl. hof-
buchdr. Kastner & Callwey, 1914. 115 p., 1 l.

Bryn Mawr college, 1912, рп. д.

"Ein abschnitt derselben unter dem titel 'Johanna Schopenhauer
als schriftstellerin' erschien 1910 in dem 'Journal of English and
Germanic philology,' vol. 9, nr. 2, 1910."

20-17030

PT2508.S6Z6

SECOND SUPPLEMENTARY LIST OF THESES PRINTED IN 1916

(In continuation of first supplementary list prefixed to List of Theses
printed in 1917)

395 Clark, Helen, 1890-

Visual imagery and attention: an analytical study
. . . [Worcester, Mass., 1916] 2 p. l., p. [461]-492, 1 l.

University of Illinois, 1916, PH. D.

With a t.-p. and Contents [1918?] prefixed.

"Reprinted from the American journal of psychology, October,
1916, vol. xxvii."

18-16485

BF321.C6

396 Coulter, Ellis Merton, 1890-

Effects of secession upon the commerce of the Missis-
sippi Valley . . . [Cedar Rapids, 1916] cover-title,
1 p. l., p. [275]-300.

University of Wisconsin, 1917, , PH. D.

Thesis note stamped on cover.

"Reprinted from the Mississippi Valley historical review, vol. iii,
no. 3, Dec. 1916."

20-1138

HF3155.C6

397 Ferguson, Maxwell, 1888-

State regulation of railroads in the South . . . New
York, 1916. 2 p. l., 7-230 p.

Columbia university, , PH. D.

Published also as Studies in history, economics and public law,
ed. by the Faculty of political science of Columbia university.
v. 67, no. 2; whole no. 162.

16-14676

HE1051.F4

398 Harris, Lynn Harold, *ed.*

. . . Catiline his conspiracy, by Ben Jonson, ed., with
introduction, notes and glossary, by Lynn Harold
Harris . . . New Haven, Yale university press; [etc.,
etc.] 1916. lxi, 236 p.

(Yale studies in English, A. S. Cook, editor. LIII)

Yale university, 1914, PH. D.

With reproduction of original t.-p.

20-11097

PR2608.A2H3

399 Hufford, Mason Edward.

The diffraction ring pattern in the shadow of a circular object . . . [Lancaster, Pa., and Ithaca, N. Y., 1916] cover-title, p. [545]-550.

Indiana university, 1916, PH. D.

Without thesis note.

"Reprinted from the Physical review, n. s., vol. VII, no. 5, May, 1916."

20-8446

QC415.H8

400 Luckey, Bertha Musson.

The specific brightness of colors . . . Lincoln, 1916.
60 p.

University of Nebraska, 1916, PH. D.

20-18162

QC495.L89

SUPPLEMENTARY LIST OF THESES PRINTED IN 1917

369 Blankenagel, John Carl.

. . . The attitude of Heinrich von Kleist toward the problems of life . . . Göttingen, Vandenhoeck & Ruprecht; Baltimore, The Johns Hopkins press, 1917.
2 p. l., 84 p.

(Hesperia; schriften zur germanischen philologie . . . nr. 9)

University of Wisconsin, 1915, PH. D.

Thesis note stamped on cover.

20-19790

PD25.H5nr.9

370 Dodson, John Dillingham.

An experimental study of the relative values of reward and punishment in habit formation . . . [Baltimore, 1917] cover-title, p. 231-276.

University of Minnesota, 1918, PH. D.

On cover: Department of psychology, April, 1918.

"Reprinted from Psychobiology, vol. 1, no. 3, November 1917."

19-14375

QL751.D6

371 Jackson, Thomas Franklin.

The description and stratigraphic relationships of fossil plants from the lower Pennsylvania rocks of Indiana . . . [Indianapolis, 1917] p. 405-428.

Indiana university, 1916, PH. D.

Without thesis note.

Reprinted from the Proceedings of the Indiana academy of science, 1916.

20-18161

QE937.I6J2

372 Keddy, John Lewis, 1891-

The New York state legislative budget for 1917 . . . [New York, 1917] 2 p. l., iii-x, 141 p.

Columbia university, 1919, PH. D.

Published also as Municipal research, issued by the Bureau of municipal research, no. 86, June, 1917.

20-6668

HJ2053.N7K4

373 Nichols, Harold William.

. . . Theory of variable dynamical electrical systems . . . [Lancaster, Pa., Press of the New era printing company, 1917] 1 p. l., p. 171-193, 1 l.

University of Chicago, 1919, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Physical review, n. s., vol. 10, no. 2, August, 1917."

20-2515

QC631.N65

374 Spring, Evelyn.

A study of exposition in Greek tragedy . . . [Boston, 1917] 1 p. l., p. 135-224.

"This essay in its original form, entitled Quo modo Aeschylus in tragoediis suis res antecedentis exposuerit, was presented in 1915 in partial fulfilment of the requirements for the degree of doctor of philosophy in Radcliffe college."

"Printed from the Harvard studies in classical philology, vol. xxviii, 1917."

20-2140

PA3131.S7

ALPHABETICAL LIST OF THESES PRINTED
IN 1918

1. *Algebraic Geometry* (1918)

Two volumes of a doctoral dissertation, printed
by the University of California, Berkeley, California, 1918.
For additional information, see the University of California
Library Catalogue, 1918.
Published by the University of California Press, Berkeley,
California, 1918.

2. *Algebraic Geometry* (1918)

A doctoral dissertation, printed by the University of
California, Berkeley, California, 1918.
For additional information, see the University of California
Library Catalogue, 1918.
Published by the University of California Press, Berkeley,
California, 1918.

SECTION 1

ALPHABETICAL LIST OF THESES PRINTED
IN 1918

ALPHABETICAL LIST OF THESES PRINTED IN 1918

1 Abbott, Raymond Barrington, 1873-

Law of motion of a droplet moving with variable velocity in air . . . Lancaster, Pa., Press of the New era printing company [1913] 1 p. l., p. [381]-395.

University of California, 1919, PH. D.

"Reprinted from the Physical review, n. s., vol. XII, no. 5, November, 1918."

19-14373

QA929.A2

2 Adamson, William Augustus, 1883-

2, 4-dihydroxybenzoyltetrachloro-o-benzoic acid and 2, 3, 4-trichloro-6-hydroxyxanthone-1-carboxylic acid and some of their derivatives, by W. R. Orndorff and W. A. Adamson . . . [Easton, Pa., 1918] 1 p. l., p. [1235]-1257.

"A reprint of an article based upon a thesis submitted to the Faculty of the Graduate school of Cornell university for the degree of doctor of philosophy, by William Augustus Adamson, 1917."

W. R. Orndorff, instructor under whom thesis was written.

"Reprinted from the Journal of the American chemical society, vol. XL, no. 8. August, 1918."

19-8336

QD341.A2075

3 Adkins, Homer Burton, 1892-

The oxidation by means of alkaline potassium permanganate of acetaldehyde glycol, glycollic aldehyde, glyoxal, glycollic and glyoxalic acids . . . Columbus, O., 1918. 32 p.

Ohio state university, 1918, PH. D.

20-27008

QD281.O9A3

4 Alexander, Thomas, 1887-

The Prussian elementary schools . . . New York, The Macmillan company, 1918. viii p., 1 l., 571 p.

(*Lettered on cover:* Text-book series in education)

Columbia university, 1918, PH. D.

Thesis note attached to t.-p.

18-2687

LA724.A6

33564°-21-2



5 **Amy, Ernest Francis, 1884-**

The text of Chaucer's Legend of good women . . .
Princeton, Princeton university press; [etc., etc.] 1918.
ix, 109 p.

Princeton university, 1914, PH. D.
18-10198

PR1882.A5

6 **Andrews, John Bertram, 1880-**

Nationalisation (1860-1877) . . .

(In Commons, J. R. History of labour in the United States.
New York, 1918. vol. II, pt. 5, p. 1-191)

University of Wisconsin, 1908, PH. D.

Without thesis note.

HD8066.C7 vol. II, pt. 5

7 **Armstrong, A. Joseph.**

. . . Operatic performances in England before Handel . . . Waco, Tex. [Baylor university press] 1918.
74 p.

University of Pennsylvania, 1908, PH. D.

"Baylor university bulletin [vol. XXI] no. 4."

18-22832

ML1731.2.A76

8 **Aronberg, Lester.**

. . . Note on the spectrum of the isotopes of lead.
The structure of the bismuth line 4722 . . . [Chicago, 1918] 1 p. l., p. 96-103.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Astrophysical journal, vol. XLVII, no. 2, March, 1918."

18-11724

QC462.L4A8

9 **Artschwager, Ernst Friedrich, 1889-**

Anatomy of the potato plant, with special reference to the ontogeny of the vascular system . . . [Washington, D. C., 1918] 1 p. l., p. 221-252.

Cornell university, 1918, PH. D.

"Reprinted from Journal of agricultural research, vol. XIV, no. 6, Washington, D. C., August 5, 1918."

19-16516

QK643.P7A7

10 Atwell, Wayne Jason, 1889—

The development of the hypophysis cerebri of the rabbit (*Lepus cuniculus* L.) . . . Philadelphia [1918] 1 p. l., p. 271-337.

University of Michigan, 1917, PH. D.

"Reprinted from the American journal of anatomy, vol. 24, no. 3, September, 1918."

"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, July 19."

19-2854

QL868.A7

11 Ayres, Clarence Edwin.

. . . The nature of the relationship between ethics and economics . . . Chicago, Ill., The University of Chicago press, 1918. 1 p. l., v-ix, 58 p.

University of Chicago, 1917, PH. D.

"Philosophic studies no. 8."

18-22529

BJ53.A82

12 Bakke, Arthur Laurence.

. . . Determination of wilting . . . [Chicago, 1918] 1 p. l., p. 81-116.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Botanical gazette, vol. LXVI, no. 2, August, 1918."

"Contributions from the Hull botanical laboratory 241."

19-221

QK873.B3

13 Baldwin, Francis Marsh, 1885—

Pharyngeal derivatives of *Amblystoma* . . . Philadelphia, 1918. 1 p. l., 605-680 p., 1 l.

University of Illinois, 1917, PH. D.

"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, March 2."

"Contributions from the Zoological laboratories of the University of Illinois, no. 103."

"Reprinted from the Journal of morphology, vol. 30, no. 2, March, 1918."

18-27181

QL668.C2B25

- 14 **Baldwin, Thomas Whitfield, 1890-** *ed.*
 An edition of Philip Massinger's Duke of Milan . . .
 by Thomas Whitfield Baldwin . . . Lancaster, Pa.,
 Press of the New era printing company, 1918. ix, 197 p.
 Princeton university, 1916, PH. D.
 With reproduction of t.-p.: The Dyke of Millaine. A tragédie.
 As it hath beene often acted by his Majesties servants, at the blacke
 Friars. Written by Philip Massinger gent. London, Printed
 by B. A. for Edward Blackmore, 1623.
 19-116 PR2704.D8 1918
- 15 **Balz, Albert George Adam, 1887-**
 Idea and essence in the philosophies of Hobbes and
 Spinoza . . . New York, Columbia university press,
 1918. 2 p. l., 86 p., 1 l.
 Columbia university, 1916, PH. D.
 Published also as Archives of philosophy, no. 10.
 18-8201 B3998.B32
- 16 **Barnes, Harry Elmer, 1889-**
 A history of the penal, reformatory and correctional
 institutions of the state of New Jersey, analytical and
 documentary . . . Trenton, N. J., MacCrellish & Quig-
 ley company, 1918. 654 p., 1 l.
 Columbia university, 1918, PH. D.
 18-11733 HV9475.N5B3
- 17 **Barron, Mary Louise, 1892-**
 . . . State regulation of the securities of railroads
 and public service companies . . . Philadelphia, 1918.
 28 p.
 University of Pennsylvania, 1917, PH. D.
 "Reprinted from vol. LXXVI of the Annals of the American
 academy of political and social science."
 18-11198 HE2236.B3
- 18 **Barrows, Albert Lloyd, 1883-**
 The significance of the skeletal variations in the
 genus *Peridinium* . . . [Berkeley, 1918] cover-title,
 [397]-478, [1] p.
 University of California, 1917, PH. D.
 University of California publications in zoology, v. 18, no. 15,
 June 27, 1918, with a special thesis t.-p. dated May 1917 attached
 to the cover-title.
 18-20526 QL368.D6B3

19 Bast, Victor, 1883-

The action of calcium carbide on benzaldehyde and on some other organic compounds . . . [Washington, D. C.] Catholic university of America, 1918. 93 p.

Catholic university of America, 1918, PH. D.
20-1824

QD181.C2B3

20 Beardslee, John Walter, 1879-

. . . The use of *φύσις* in fifth-century Greek literature . . . Chicago, Ill., The University of Chicago press, 1918. v, 126 p.

University of Chicago, 1913, PH. D.
18-6672

PA427.B4

21 Beatty, Albert James, 1871-

A comparative study of corporation schools as to their organization, administration, and methods of instruction . . . [Urbana? 1918] 116 p.

University of Illinois, 1917, PH. D.
18-27260

T73.B4

22 Beckerman, Harry.

. . . I. Tungsten hexabromide. II. Tungsten complexes . . . Philadelphia, Pa., 1918. 19 p.

University of Pennsylvania, 1918, PH. D.
18-14652

QD181.W1B4

23 Beckwith, Martha Warren, 1871- *tr.*

The Hawaiian romance of Laieikawai with introduction and translation by Martha Warren Beckwith . . . Washington, Govt. print. off., 1918. 384 p.

Columbia university, 1918, PH. D.
Slip with thesis note mounted on t.-p.

"Translated from the Hawaiian text of S. N. Halecole (printed in Honolulu, 1863)"

"Reprinted from the Thirty-third annual report of the Bureau of American ethnology."

18-26566

PL6448.5.L3 1918

24 Beegle, Frank Moore, 1889-

A study of the mutarotation of glucose and fructose . . . New York, 1918. 21, [1] p.

Columbia university, 1918, PH. D.
19-16517

QD321.B4

25 Behre, Ellinor Helene.

. . . An experimental study of acclimation to temperature in *Planaria dorotocephala* . . . [Lancaster, Pa., Press of the New era printing company, 1918] 1 p. l., p. 277-317.

University of Chicago, 1918, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from Biological bulletin, vol. xxxv., no. 5, November, 1918."

19-3160

QL391.T9B3

26 Benda, Theodore.

Mental factors in the causation, cure and prevention of disease . . . [Worcester? Mass., 1918] 90 p.

Clark university, 1917, PH. D.

19-97

BF173.B4

27 Bichowsky, Francis Russell von.

Equilibrium in the reaction between water and sulfur at high temperatures. The dissociation of hydrogen sulfide . . . [Easton, Pa., 1918] cover-title, p. [368]-375.

University of California, 1916, PH. D.

Thesis t.-p. attached to cover of the issue, by Merle Randall and F. Russell v. Bichowsky, which was reprinted from the Journal of the American chemical society, vol. XL, no. 2, February, 1918.

20-6557

QD501.B58

28 Blanchard, Julian, 1885-

The brightness sensibility of the retina . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., 81-99, [1] p.

Columbia university, 1917, PH. D.

"Reprinted from the Physical review, vol. XI, no. 2, February, 1918."

"Communication no. 45 from the research laboratory of the Eastman kodak company."

18-7762

QP481.B6

29 Blancké, Wilton Wallace.

. . . The dramatic values in Plautus . . . [Geneva, N. Y., Press of W. F. Humphrey] 1918. 69 p.

University of Pennsylvania, 1916, PH. D.

18-22818

PA

30 Blechman, Nathan.

The philosophic function of value; a study of experience showing the ultimate meaning of evolution to be the attainment of personality through culture and religion . . . Boston, R. G. Badger [1918] 3 p.l., v-xv p., 1 l., 15-148 p.

(*Lettered on cover*: Studies in philosophy)

New York university, 1917, PH. D.

Thesis note on verso of t.-p.

18-9758

BD232.B5

31 Blumberg, Alfred.

Studies in immunity with special reference to complement fixation . . . Washington, D. C. [1918] cover-title, 11, [1] p.

George Washington university, 1917, PH. D.

"Reprint from the Journal of laboratory and clinical medicine, vol. III, no. 7, April, 1918."

20-5880

QR185.B5

32 Bock, Carl William, 1888-

The association of voluntary movements . . . [Baltimore, 1918] 1 p. l., p. 277-318, 1 l.

Ohio state university, 1917, PH. D.

"Reprinted from Psychobiology, vol. I, no. 4, January, 1918."

19-16514

BF295.B6

33 Bonns, Walter Weidenfeld, 1877-

. . . Etherization of tissues and its effect on enzyme activity . . . [St. Louis, 1918] cover-title, p. 225-299.

(Washington university doctoral dissertations)

Washington university, St. Louis, 1918, PH. D.

"Publications of Washington university, Saint Louis, series v, number 29."

"Reprinted from Annals of the Missouri botanical garden, November, 1918, vol. v, no. 4."

19-2852

QK896.B36

34 Bossard, James Herbert.

. . . The churches of Allentown; a study in statistics . . . Allentown, Pa., Jacks, the printer, 1918. 116 p.

University of Pennsylvania, 1918, PH. D.

18-15647

BR560.A35B7

35 Boström, Otto Henry, 1889-

. . . Alternative readings in the Hebrew of the books of Samuel . . . Pub. by the authority of the Board of directors of Augustana college and theological seminary, Rock Island, Illinois. Rock Island, Ill., Augustana book concern, printers, 1918. 60 p.

(Augustana library publications no. 8)

Yale university, 1916, PH. D.

Without thesis note.

18-S964

BS1322.B7

36 Bovard, John Freeman, 1881-

The transmission of nervous impulses in relation to locomotion in the earthworm . . . [Berkeley, 1918] 2 pt.

University of California, 1917, PH. D.

University of California publications in zoology, v. 18, nos. 7, 8, with a special thesis t.-p. dated May, 1917, attached to the cover-title of [pt. 1]

[Pt. 2] has title: The function of the giant fibers in earthworms.

18-19474

QL391.O4B55

37 Bowen, Ray Preston, 1882-

The novels of Ferdinand Fabre, including an account of his life and a discussion of his position in literature . . . Boston, R. G. Badger [1918] 138 p., 1 l.

(Half-title: Studies in literature)

Cornell university, 1916, PH. D.

Published also without thesis note.

20-89

PQ2241.F3Z6 1918a

38 Bowman, Howard Hiestand Minnich, 1886-

Ecology and physiology of the red mangrove . . . Philadelphia, 1918. 1 p. l., p. [589]-673.

University of Pennsylvania, 1917, PH. D.

"Reprinted from Proceedings American philosophical society, vol. LVI, 1917."

18-3802

QK495.M28B6

39 Boyce, Mryna M.

The diplomatic relations of England with the Quadruple alliance 1815-1830. [Iowa City? 1918] 76 p.

University of Iowa, 1917, PH. D.

Published also as University of Iowa monographs, 1st ser., no. 22, November 1918.

19-10367

D383.B6

40 Bradley, Harriett, 1892-

The enclosures in England, an economic reconstruction . . . New York, 1918. 3 p. l., 9-113 p.

Columbia university, 1917, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXX, no. 2, whole no. 186.

18-22990

HD594.6.B83

41 Bramble, Charles Clinton, 1890-

A collineation group isomorphic with the group of the double tangents of the plant quartic . . . [Baltimore, 1918] 1 p. l., [351]-365 p., 1 l.

Johns Hopkins university, 1917, PH. D.

"Reprinted from American journal of mathematics, vol. XL, no. 4, October, 1918."

18-22840

QA601.B77

42 Brandenburg, George Clinton.

Psychological aspects of language . . . [Baltimore, 1918] cover-title, p. 313-332.

University of Wisconsin, 1915, PH. D.

Thesis note stamped on cover.

"Reprint from the Journal of educational psychology, vol. ix, no. 6, June, 1918."

20-2742

LB1139.L3B7

43 Brann, Albert.

. . . On the preparation of formamide . . . [Easton, Pa., 1918] cover-title, p. [793]-796.

University of Wisconsin, 1918, PH. D.

Part I of thesis.

Thesis note stamped on cover; also found in a foot-note on p. [793]

"Reprinted from the Journal of the American chemical society, vol. XL, no. 5, May, 1918."

QD305.A7B7

Brann, Albert.

. . . The effect of dissolved substances on the velocity of crystallization of water . . . [Easton, Pa., 1918] cover-title, p. [1168]-1184.

University of Wisconsin, 1918, PH. D.

Part II of thesis.

Thesis note stamped on cover; also found in a foot-note on p. [1168]

"Reprinted from the Journal of the American chemical society, vol. XL, no. 8, August, 1918."

QD305.A7B7

Brann, Albert.

. . . The effect of dissolved substances on the velocity of crystallization of formamide . . . [Easton, Pa., 1918] cover-title, p. [1184]-1187.

University of Wisconsin, 1918, PH. D.

Part III of thesis.

Thesis note is found in a foot-note on p. [1184]

"Reprinted from the Journal of the American chemical society, vol. XL, no. 8, August, 1918."

QD305.A7B7

44 Brede, Charles Frederic.

. . . The German drama in English on the Philadelphia stage from 1794 to 1830 . . . Philadelphia, Americana Germanica press, 1918. 5 p. l., 3-295 p.

(*Half-title*: Americana Germanica. [no. 34])

University of Pennsylvania, 1905, PH. D.

Published also without thesis note.

18-19316

PN2277.P5B72

45 Breitenbecher, Joseph Kumler.

. . . The relation of water to the behavior of the potato beetle in a desert . . . [Washington, 1918] 2 p. l., p. 343-384.

University of Chicago, 1913, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from Publication 263 of the Carnegie institution of Washington."

19-12709

SB945.P68B7

46 Bridgman, J. Allington, 1892-

Gallium . . . [Easton, Pa., 1918] 33 p.

Cornell university, 1917, PH. D.

"Reprinted from the Journal of the American chemical society, vol. XL, no. 10, October, 1918."

19-7993

QD181.G2B7

47 Bridgman, Olga Louise, 1886-

An experimental study of abnormal children, with special reference to the problems of dependency and delinquency . . . [Berkeley, 1918] cover-title, 59 p.

University of California, 1915, PH. D.

University of California publications in psychology, v. 3, no. 1, March 30, 1918, with a special thesis t.p. dated May, 1915, attached to the cover-title.

18-20534

LB1121.B66

48 Brighton, Thomas Bow, 1887—

The free energy of formation of cyanide ion and of hydro-cyanic acid . . . [Easton, Pa., 1918] cover-title, p. [482]—489.

University of California, 1917, PH. D.

Thesis t.-p. attached to the cover of the reprint from the Journal of the American chemical society, vol. XL, no. 3, March, 1918, which has title: The oxidizing power of cyanates and the free energy of formation of cyanides, by Gilbert N. Lewis and Thomas B. Brighton.

18-17014

QD181.C15B7

49 Brockbank, Thomas William.

Redintegration in the albino rat, a study in retention . . . Washington, D. C., 1918. 2 p. l., 66 p.

Catholic university of America, 1918, PH. D.

Published also as Behavior monographs, v. 4, no. 2, serial no. 18.
19-15473

QL785.B7

50 Broderick, Thomas M., 1889—

The relation of the titaniferous magnetite deposits of northeastern Minnesota to the Duluth gabbro . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., p. 663-696, 35-49.

University of Minnesota, 1917, PH.D.

Reprinted from Economic geology, vol. XII, no. 8, December, 1917; vol. XIII, no. 1, January, 1918.

18-13677

TN403.M6B7

51 Brown, Thomas Benjamin, 1892—

Kathodo-fluorescence of crystals, by Thomas B. Brown. Part I.—A quantitative investigation of the kathodo-fluorescence of willemite, kunzite, and soda glass. (A description of the results obtained by J. A. Veazey.) Part II.—A further investigation of willemite by the writer . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., p. [39]—57.

"Part I is the substance of a thesis presented to the Faculty of the Graduate school of Cornell university by J. A. Veazey for the degree of doctor of philosophy."

"Part II is a thesis presented to the Faculty of the Graduate school of Cornell university by Thomas B. Brown for the degree of doctor of philosophy." 1916.

"Since the untimely death of J. A. Veazey prevented the immediate publication of his thesis, and since the work of the writer is so closely related to this previous work, these two papers are here issued as a single publication."

"Reprinted from Physical review, vol. XI, no. 1, January, 1918."

18-14649

QC477.B75

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Johns Hopkins university, 1914, PH. D.

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University of Chicago, 1917, PH. D.

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Princeton university, 1918, PH. D.

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QD571.H3

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Trade and navigation between Spain and the Indies in the time of the Hapsburgs . . . Cambridge, Harvard university press; [etc., etc.] 1918. xxviii, 371, [1] p.

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18-8123

HF3685.H3

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University of Chicago, 1918, PH. D.

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PQ1605.B3H3

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Cornell university, 1916, PH. D.

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University of Chicago, 1915, PH. D.

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University of Pennsylvania, 1918, PH. D.

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University of Illinois, 1917, PH. D.

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QA603.H45

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The blessed Virgin Mary in early Christian Latin poetry . . . Washington, D. C., 1918. 79, [1] p.

Catholic university of America, 1918, PH. D.

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BT609.H4

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University of Chicago, 1916, PH. D.

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QC721.H4

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. . . The black-leg disease of cabbage caused by
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(In Phytopathology, official organ of the American phytopathological society. Baltimore, 1918. v. 8, no. 8, p. [379]-431) .

University of Wisconsin, 1914, PH. D.

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Swinburne and Landor, a study of their spiritual relationship and its effect on Swinburne's moral and poetic development . . . London, Macmillan and co., limited, 1918. viii, 304 p.

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19-26021

PR5513.H4

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The scale of influence of substituents in paraffine monobasic acids. The divalent oxygen atom . . . Easton, Pa., Eschenbach printing company, 1918. 26 p., 1 l.

University of Illinois, 1916, PH. D.

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University of Illinois, 1918, PH. D.

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Columbia university, 1919, PH. D.

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University of Illinois, 1917, PH. D.

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Columbia university, 1918, PH. D.

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University of Chicago, 1917, PH. D.

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University of Chicago, 1916, PH. D.

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University of Pennsylvania, 1918, PH. D.

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University of Pennsylvania, 1918, PH. D.

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First year algebra scales . . . New York city, Teachers college, Columbia university, 1918. 3 p. l., 87, [1] p.

Columbia university, 1918, PH. D.

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University of Chicago, 1917, PH. D.

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- 157 **Huang, Han Liang**, 1893—
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 Ohio state university, 1917, PH. D.
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University of Virginia, 1917, PH. D.

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PE1505.J32

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Lymphatico-venous communications in the common rat and their significance . . . [Baltimore, 1918] cover-title, p. 467-491.

University of Iowa, 1917, PH. D.

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Columbia university, 1918, PH. D.

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University of Pennsylvania, 1912, PH. D.

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Metaphysics of the supernatural as illustrated by Descartes . . . New York, Columbia university press, 1918. viii, 65, [1] p., 1 l.

Columbia university, 1916, PH. D.

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Complement fixation with protein substances . . .
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New York university, 1916, D. SC.

"Reprinted from the Journal of immunology, vol. III, no. 4,
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QR185.K3

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French Protestantism, 1559-1562 . . . Baltimore,
1918. viii, 9-186 p.

Johns Hopkins university, 1916, PH. D.

Published also as Johns Hopkins university studies in history and
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Abscission of flowers and fruits in the *Solanaceae*,
with special reference to *Nicotiana* . . . [Berkeley,
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University of California, 1917, PH. D.

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perchlorate . . . [Cambridge, Mass.] Technology press,
1918. 18 p.

Massachusetts institute of technology, 1918, PH. D.

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A study of state aid to public schools in Minne-
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Columbia university, 1917, PH. D.

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A study in valuation of the commercial balance sheet
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New York, The Ronald press company, 1918. xxiv,
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Columbia university, 1919, PH. D.
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energy of cyanogen . . . [Easton, Pa., 1918] cover-
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University of California, 1917, PH. D.
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error in comparative crop tests . . . [Lincoln? 1918]
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University of Nebraska, , PH. D.
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University of Chicago, 1911, PH. D.

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Columbia university, 1917, PH. D.

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Vegetation and reproduction with special reference to the tomato . . . by Ezra Jacob Kraus and Henry Reist Kraybill [Corvallis, Or., 1918] 2 p. l., 3-90 p.

University of Chicago, 1917, PH. D.

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Observations on the rare earths: the purification and atomic weight of dysprosium . . . [Urbana? 1918] 22 p., 1 l.

University of Illinois, 1917, PH. D.

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180 Kruse, Paul Jehu, 1883—

The overlapping of attainments in certain sixth, seventh, and eighth grades . . . New York city, Teachers college, Columbia university, 1918. 3 p. l., 5-91, [1] p.

Columbia university, 1918, PH. D.

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The moral and political philosophy of John Locke . . . New York, Columbia university press, 1918. viii, 168 p., 1 l.

Columbia university, 1918, PH. D.

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Studies on the nervus terminalis: mammals . . . [Philadelphia, 1918] 68 p.

Northwestern university, 1918, PH. D.

"Reprinted from the Journal of comparative neurology, vol. 30, no. 1, December, 1918."

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Low temperature carbonization of coal and a study of the resulting tars . . . [Urbana? 1918] 34, [2] p.

University of Illinois, 1915, PH. D.

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PT953.L3

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University of Pennsylvania, 1918, PH. D.

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 Social and private life at Rome in the time of Plautus
 and Terence . . . New York, 1918. 2 p. l., 7-141 p.
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 Gnostic literature in Bible and Apocrypha, with
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University of Pennsylvania, 1911, PH. D.

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F375.L84

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Columbia university, 1918, PH. D.

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 D. C., 1918. 108 p.
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- 200 **McDougale, Ivan Eugene.**
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 Clark university, 1918, PH. D.
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University of Minnesota, 1918, PH. D.

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George Washington university, 1917, PH. D.

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University of Michigan, 1917, PH. D.

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Clark university, 1916, PH. D.

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18-13262

BF408.S52

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University of Michigan, 1916, PH. D.

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University of Chicago, 1916, PH. D.

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New England and the Bavarian Illuminati . . . New York, 1918. 375 p.

Columbia university, 1918, PH. D.

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University of Minnesota, 1918, PH. D.

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The movement of momentum accompanying magnetic moment in iron and nickel . . . Lancaster, Pa., Press of the New era printing co. [1918] 1 p. l., p. [100]-120.

Princeton university, 1919, PH. D.

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The Pleistocene fauna of Hawver cave . . . [Berkeley, 1918] cover-title, p. [461]-515.

University of California, 1917, PH. D.

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The arbitral determination of railway wages . . . Boston and New York, Houghton Mifflin company, 1918. xxv, 198, [2] p.

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Johns Hopkins university, 1916, PH. D.

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George Washington university, 1915, PH. D.

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QP385.S7

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The Journeymen tailors' union of America . . . [Urbana, 1918] 143, [1] p.

University of Illinois, 1917, PH. D.

"Reprinted from the University of Illinois studies in the social sciences, vol. VII, number 4, page 429, without changes in the text."

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HD6515.T2S67

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University of Chicago, 1900, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

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Citizenship (1827-1833) . . .
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University of Wisconsin, 1908, PH. D.
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with an account of the habits and means of control . . .
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Cornell university, 1919, PH. D.
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Columbia university, 1918, PH. D.
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A study of green fluorescent bacteria from water . . .
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University of Illinois, 1916, PH. D.
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University of Chicago, 1916, PH. D.

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The mythology of Vergil's Aeneid according to Servius . . . [New York, 1918] 4 p. l., 62 p.

New York university, 1917, PH. D.

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Hunger in the infant . . . [Minneapolis, 1918] cover-title, 34 p.

University of Minnesota, 1917, D. SC.

18-19494

QP141.T35

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Determination of various forms of nitrogen in bovine flesh, including the products of hydrolysis of some of the proteins . . . [Baltimore, 1918] 1 p. l., 22 p.

University of Missouri, 1917, PH. D.

"Reprinted from the Journal of biological chemistry, vol. xxxiv, no. 2, 1918."

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Delinquency and spare time, a study of a few stories written into the court records of the city of Cleveland . . . New York, 1918. 207 p.

Columbia university, 1918, PH. D.

Published also as Cleveland foundation. Publication no. 27.

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Solubility of soil potash in various salt solutions . . . [Baltimore, 1918] 1 p. l., p. 237-257.

Cornell university, 1918, PH. D.

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S593.T7

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The separation of the Methodists from the Church of England . . . New York city, Printed by the Methodist book concern, 1918. 184 p., 1 l.

Columbia university, 1918, PH. D.
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(Phoenix physical laboratory contribution no. 40)
Columbia university, 1918, PH. D.

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QC481.U5

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The relation between the specific inductive capacity of an electrolyte and the electric potential of a metal placed in it . . . Lancaster, Pa., Press of the New era printing company [1918] 1 p. l., p. [47]-58.

Leland Stanford junior university, 1917, PH. D.

"Reprinted from the Physical review, n. s., vol. xii, no. 1, July, 1918."

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Columbia university, 1917, PH. D.

Published also without thesis note.

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Sterility in the strawberry . . . Washington, Govt. print. off., 1918. cover-title, p. 613-670.

University of Minnesota, 1917, PH. D.

Thesis note mounted on p. 2 of cover.

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The effects of cold-working on the elastic properties of steel . . . [London, 1918] cover-title, 41 p.

University of Michigan, 1918, PH. D.

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TA472.V3

Veazey, John Armor.

Kathodo-fluorescence of crystals, by Thomas B. Brown. Part I.—A quantitative investigation of the kathodo-fluorescence of willemite, kunzite, and soda glass. (A description of the results obtained by J. A. Veazey.) Part II.—A further investigation of willemite by the writer . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., p. [39]-57.

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University of Chicago, 1914, PH. D.

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University of Pennsylvania, 1915, PH. D.

18-15774

PS159.G3V7

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. . . [Easton, Pa., 1918] 19, [1] p.

University of Illinois, 1918, PH. D.

"Reprinted from the Journal of the American chemical society, vol. XL, no. 11, p. 1732."

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323 Voss, Vivian, 1894—

The ratio of the intensities of the D lines of sodium
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company, 1918] 1 p. l., p. [21]-28, 1 l.

Johns Hopkins university, 1917, PH. D.

"Reprinted from the Physical review, n. s., vol. XI, no. 1, January, 1918."

18-7748

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Studies on proteolytic activities of soil microorgan-
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University of California, 1917, PH. D.

Reprints from the Journal of bacteriology, vol. III, no. 5, September, 1918; no. 6, November, 1918, issued as thesis, with thesis t.-p. mounted on cover of pt. 1.

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The peanut (*Arachis hypogea*); its history, histology,
physiology, and utility . . . Philadelphia, Pa., 1918.
cover-title, p. [301]-338.

University of Pennsylvania, 1918, PH. D.

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18-15696

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. . . Legislative regulation of railway finance in
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University of Illinois, 1911, PH. D.

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19-27037

HE3017.W4

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The Oriental in Elizabethan drama . . . [Chicago, 1915] cover-title, p. 163-187.

University of Wisconsin, 1919, PH. D.

Part I of thesis.

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Thesis note stamped on cover of pt. I.

20-3176

PR658.O7W3

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University of Wisconsin, 1919, PH. D.

Part II of thesis.

"Reprinted from University of Wisconsin studies in language and literature number 2."

20-3175

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. . . History of the Sunday school movement in the Methodist Episcopal church . . . New York, Cincinnati, The Methodist book concern, 1918. 232 p.

University of Chicago, 1915, PH. D.

Published also without thesis note.

18-12997

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The pressure increase in the corona . . . Lancaster, Pa., Press of the New era printing company, 1918. 17, [1] p.

University of Illinois, 1918, PH. D.

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University of Pennsylvania, 1918, PH. D.

18-6530

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iii, 99 p.

University of Chicago, 1915, PH. D.

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The chemical composition of the plant as further proof of the close relation between antagonism and cell permeability . . . [Berkeley, 1918] cover-title, p. [135]-242.

University of California, 1917, PH. D.

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18-19478

QK746.W3

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. . . The world-view of the fourth Gospel, a genetic study . . . Chicago, Ill., The University of Chicago press, 1918. 2 p. l., 74 p.

University of Chicago, 1917, PH. D.

18-19387

BS2615.W35

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The evolution of maize . . . [New York, 1918] cover-title, p. 309-342.

Indiana university, 1918, PH. D.

Without thesis note.

"Reprinted . . . from the Bulletin of the Torrey botanical club 45 . . . September 9, 1918."

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The measurement of the conductivity of electrolytes in very dilute solutions . . . [Urbana? 1918] 25, [1] p.

University of Illinois, 1917, PH. D.

19-27038

QD565.W

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Coincidence of crossing over in *Drosophila melanogaster* (*Ampelophila*) . . . [Princeton, N. J., 1918] cover-title, p. [135]—159.

Columbia university, 1917, PH. D.

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18-15639

QH605.W4

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Extracts of antibodies obtained from specific precipitates of typhoid-antityphoid serum complex . . . [Baltimore, 1918] cover-title, p. 17-33.

New York university, 1917, D. SC.

"From the laboratory of bacteriology and hygiene, New York university, New York city."

"Reprinted from the Journal of immunology, vol. III, no. 1, January, 1918."

18-7767

QR185.W4

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University of Pennsylvania, 1918, PH. D.

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20-3148

QR201.P7W4

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University of Chicago, 1917, PH. D.

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On the variations of the photo-electric current due to heating and the occlusion and emission of gases . . . [Ithaca, N. Y., 1918] cover-title, p. [251]—276.

University of California, 1918, PH. D.

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. . . The evolution of industrial freedom in Prussia,
1845-1849 . . . Allentown, Pa., H. R. Haas & co.,
1918. 110 p.

University of Pennsylvania, 1918, PH. D.
18-13017

HD3616.G45P85

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. . . Fertilization in *Lilium* . . . [Chicago, 1918]
1 p. l., p. 259-268.

University of Chicago, 1918, PH. D.

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"Contributions from the Hull botanical laboratory 243."

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QK827.W4

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Madison, Wis., 1918. 123 p.

(Bulletin of the University of Wisconsin, no. 923. Economics and political science series, v. 9, no. 3)

University of Wisconsin, 1915, PH. D.

19-27371

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344 White, Earl Archibald, 1883-

A study of the plow bottom and its action upon the
furrow slice . . . [Washington, D. C., 1918] 1 p. l.,
149-182 p., 1 l., [2] p., 1 l.

Cornell university, 1917, PH. D.

"Reprinted from Journal of agricultural research, vol. XII, no. 4,
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19-6818

S683.W5

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. . . The origin of the electric organs in *Astroscopus
guttatus* . . . [Washington, D. C., 1918] p. [139]-172.

Columbia university, 1918, PH. D.

"Extracted from Publication no. 252 of the Carnegie institution of
Washington, 1918."

18-7754

QP348.W5

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A study of the decomposition of silicates by barium salts . . . Fort Collins, Colo., Courier press [1918]
26 p.

Johns Hopkins university, 1917, PH. D.
18-7523

QD181.S6W6

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60 p.

University of Missouri, 1918, PH. D.
Reprinted from the Missouri agricultural experiment station Research bulletin 32.
19-27327

SB363.W64

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2 p. l., 117 p.

University of Pennsylvania, 1917, PH. D.
18-3792

LC4019.W5

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The translocation of calcium in a soil . . . [Ithaca, N. Y., 1918] 1 p. l., p. 295-324.

Cornell university, 1918, PH. D.
"Reprinted from Memoir 17, December, 1918, of Cornell university agricultural experiment station."
19-8003

S593.W8

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On a certain general class of functional equations . . . [Baltimore, 1918] 2 p. l., 20 p., 1 l.

University of Illinois, 1917, PH. D.
Reprinted from American journal of mathematics, v. 40, no. 3, July, 1918, p. 263-282.
19-4923

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Brain changes associated with pernicious anemia . . . Chicago, American medical association, 1918. cover-title, 56 p.

University of Minnesota, 1917, PH. D.
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18-22187

RC641.W8

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The biology of alder flea-beetle . . . [Orono, Ma.,
1917] 1 p. l., p. [249]-284.

Cornell university, 1917, PH. D.

Pt. I of thesis.

"Reprinted from Bulletin 265 of the Maine agricultural station."

19-15844

QL596.C5W63

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The alimentary canal of the larva of the alder flea-
beetle . . . [Columbus, O., 1918] 1 p. l., p. 283-313.

Cornell university, 1917, PH. D.

Pt. II of thesis.

"Reprinted from the Annals of the Entomological society of
America, vol. XI, no. 3, September, 1918."

19-16515

QL596.C5W6

- 353 Woodward, Alvalyn Eunice, 1884-

Studies on the physiological significance of certain
precipitates from the egg secretions of *Arbacia* and
Asterias . . . [Baltimore, 1918] 1 p. l., p. 459-501.

University of Michigan, 1918, PH. D.

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number 3, August, 1918."

"Author's abstract of this paper issued by the [Wistar institute]
Bibliographic service, June 24."

19-2419

QH485.W6

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The sphere of music and musical terms in Goethe's
lyric poems . . . Bloomington, Ind., 1918. 90 p.

Indiana university, 1915, PH. D.

19-5288

PT2232.W7

- 355 Wright, Winthrop Robins, 1888-

The magnetization of iron in the absence of hysteresis
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University of Michigan, 1917, PH. D.

"Reprinted from the Physical review, n. s., vol. XI, no. 3, March,
1918."

18-13015

QC761.W35

356 Yerkes, Royden Keith.

. . . The Lucianic version of the Old Testament as illustrated from Jeremiah 1-3 . . . [Middletown, Conn., 1918] 1 p. l., p. [163]-192.

University of Pennsylvania, 1918, PH. D.

"Reprinted from the Journal of Biblical literature xxxvii (1918), III-IV."

19-16639

BS64.L8Y4

357 Yocom, Harry Barclay, 1888-

The neuromotor apparatus of *Euplotes patella* . . . [Berkeley, 1918] cover-title, p. [337]-396.

University of California, 1917, PH. D.

University of California publications in zoology, v. 18, no. 14, September 7, 1918, with special thesis t.-p. dated December 1917 attached to the cover-title.

18-20527

QL368.C5Y7

358 Young, Charles Otis.

Tetrabromophthalic acid and some derivatives of tetrabromophthalimide . . . Pittsburgh, Pa., 1918. 16 p.

University of Pittsburgh, , PH. D.

"Reprinted from the Journal of the American chemical society, September, 1918."

21-638

QD341.A2Y7

359 Young, Vive Hall.

Some factors affecting inulase formation in *Aspergillus niger* . . . [Baltimore, 1918] cover-title, p. 75-87, 114-133.

University of Wisconsin, 1916, PH. D.

Thesis note stamped on cover.

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20-1825

QK896.Y6

360 Zeydel, Edwin Hermann, 1893-

The Holy Roman empire in German literature . . . New York, Columbia university press, 1918. ix, 144 p.

(Half-title: Columbia university Germanic studies)

Columbia university, 1918, PH. D.

Published also without thesis note.

19-10387

PT134.H7Z4 1918a

SECTION II

CLASSIFIED LISTS OF
THE THESES OF 1918, ARRANGED UNDER
THE BROAD CLASSES OF THE
LIBRARY OF CONGRESS
SCHEME

The 13 titles supplementary to the lists of 1914, 1916, and
1917 are included

CLASSIFIED LISTS OF THE THESES OF 1918, ARRANGED UNDER THE BROAD CLASSES OF THE LIBRARY OF CONGRESS SCHEME

The 13 titles supplementary to the lists of 1914, 1916, and 1917 are included.

Entries are given in same form as in Section I; titles are repeated if theses treat of more than one subject and the subjects belong to different classes.

A somewhat minute subject index can be found in Section III following.

Philosophy, Religion

(Class B)

Ayres, Clarence Edwin.

. . . The nature of the relationship between ethics and economics . . . Chicago, Ill., The University of Chicago press, 1918. 1 p. l., v-ix, 58 p.

University of Chicago, 1917, PH. D.

"Philosophic studies no. 8."

Balz, Albert George Adam, 1887-

Idea and essence in the philosophies of Hobbes and Spinoza . . . New York, Columbia university press, 1918. 2 p. l., 86 p., 1 l.

Columbia university, 1916, PH. D.

Published also as Archives of philosophy, no. 10.

Beardslee, John Walter, 1879-

. . . The use of *φύσις* in fifth-century Greek literature . . . Chicago, Ill., The University of Chicago press, 1918. v, 126 p.

University of Chicago, 1913, PH. D.

Benda, Theodore.

Mental factors in the causation, cure and prevention of disease . . . [Worcester? Mass., 1918] 90 p.

Clark university, 1917, PH. D.

Blechman, Nathan.

The philosophic function of value; a study of experience showing the ultimate meaning of evolution to be the attainment of personality through culture and religion. Boston, R. G. Badger [1918] 3 p. l., v-xv p., 1 l., 15-148 p.

(*Lettered on cover:* Studies in philosophy)

New York university, 1917, PH. D.

Thesis note on verso of t.-p.

Bock, Carl William, 1888-

The association of voluntary movements . . . [Baltimore, 1918] 1 p. l., p. 277-318, 1 l.

Ohio state university, 1917, PH. D.

"Reprinted from Psychobiology, vol. 1, no. 4, January, 1918."

Bossard, James Herbert.

. . . The churches of Allentown; a study in statistics . . . Allentown, Pa., Jacks, the printer, 1918. 116 p.

University of Pennsylvania, 1918, PH. D.

Boström, Otto Henry, 1889-

. . . Alternative readings in the Hebrew of the books of Samuel . . . Pub. by the authority of the Board of directors of Augustana college and theological seminary, Rock Island, Illinois. Rock Island, Ill., Augustana book concern, printers, 1918. 60 p.

(Augustana library publications no. 8)

Yale university, 1916, PH. D.

Without thesis note.

Brandenburg, George Clinton.

Psychological aspects of language . . . [Baltimore, 1918] cover-title, p. 313-332.

University of Wisconsin, 1915, PH. D.

Thesis note stamped on cover.

"Reprint from the Journal of educational psychology, vol. ix, no. 6, June, 1918."

Bridgman, Olga Louise, 1886-

An experimental study of abnormal children, with special reference to the problems of dependency and delinquency . . . [Berkeley, 1918] cover-title, 59 p.

University of California, 1915, PH. D.

University of California publications in psychology, v. 3, no. 1, March 30, 1918, with a special thesis t.-p. dated May, 1915, attached to the cover-title.

Brockbank, Thomas William.

Redintegration in the albino rat, a study in retention . . .
Washington, D. C., 1918. 2 p. l., 66 p.

Catholic university of America, 1918, PH. D.

Published also as Behavior monographs, v. 4, no. 2, serial no. 18.

Burchett, Bessie Rebecca.

. . . Janus in Roman life and cult, a study in Roman religions . . . Menasha, Wis., George Banta publishing company, 1918. 4 p. l., 75 p.

University of Pennsylvania, 1913, PH. D.

Campbell, Ivy Gertrude.

Manaism; a study in the psychology of religion . . .
[Worcester, 1918] 1 p. l., 49 p.

Clark university, 1914, PH. D.

"Reprinted from the American journal of psychology, January, 1918, vol. XXIX."

Clark, Helen, 1890-

Visual imagery and attention: an analytical study . . .
[Worcester, Mass., 1916] 2 p. l., p. [461]-492, 1 l.

University of Illinois, 1916, PH. D.

With a t.-p. and Contents [1918?] prefixed.

"Reprinted from the American journal of psychology, October, 1916, vol. XXVII."

Cornell, Clare Brown.

"A graduated scale for determining mental age" . . .
[Frankfort, Ky., State journal co., 1918] 41 p.

University of Nebraska, 1915, PH. D.

Dodson, John Dillingham.

An experimental study of the relative values of reward and punishment in habit formation . . . [Baltimore, 1917] cover-title, p. 231-276.

University of Minnesota, 1918, PH. D.

"Reprinted from Psychobiology, vol. 1, no. 3, November, 1917."

Fortune, Alonzo Willard.

. . . The conception of authority in the Pauline writings . . . Chicago, Ill., 1918. 2 p. l., 183 p.

University of Chicago, 1915, PH. D.

"Private edition distributed by the University of Chicago libraries."

Fukuya, Shoan Masuzo.

. . . An experimental study of attention from the standpoint of mental efficiency: a contribution to educational and social problems . . . [Princeton, Princeton university press, 1918] 3 p. l., 42 p.

University of Chicago, 1917, PH. D.

"Private edition distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Psychological monographs, vol. xxv, whole no. 110, 1918."

Garth, Thomas Russell, 1872-

Mental fatigue during continuous exercise of a single function . . . [New York] 1918. ix, 85 p., 1 l.

Columbia university, 1918, PH. D.

Published also as Columbia university contributions to philosophy and psychology, vol. xxvi, no. 2 (Archives of psychology, no. 41)

Goudge, Mabel Ensworth, 1885-

A qualitative and quantitative study of Weber's illusion . . . [Worcester, Mass., 1918] 1 p. l., p. 81-119.

Cornell university, 1914, PH. D.

"Reprinted from the American journal of psychology, January, 1918, vol. xxix."

Hamilton, Arthur, 1886-

Sources of the religious element in Flaubert's Salammbô . . . Baltimore, The Johns Hopkins press, 1918. 1 p. l., 32 p., 1 l.

Johns Hopkins university, 1914, PH. D.

"An incomplete reprint from the Elliott monographs, no. 4."

Heider, Andrew Bernard, 1880-

The blessed Virgin Mary in early Christian Latin poetry . . . Washington, D. C., 1918. 79, [1] p.

Catholic university of America, 1918, PH. D.

Hewitt, Theodore Brown.

Paul Gerhardt as a hymn writer and his influence on English hymnody . . . New Haven, Yale university press; [etc., etc.] 1918. xiv p., 1 l., 169 p.

"Presented to the Faculty of the Graduate school of Yale university in candidacy for the degree of doctor of philosophy in June, 1917."—Pref.

Higby, Chester Penn, 1885—

The religious policy of the Bavarian government during the Napoleonic period . . . New York, 1918. 1 p. l., 5-347 p.

Columbia university, 1919, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXV. no. 1, whole no. 196.

Hoashi, Riichiro.

. . . The problem of omnipotence in current theology
. . . Chicago, Ill., 1918. 2 p. l., 113 p.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries."

Hotz, Henry Gustave, 1880—

First year algebra scales . . . New York city, Teachers college, Columbia university, 1918. 3 p. l., 87, [1] p.

Columbia university, 1918. PH. D.

Ide, Gladys Geneva.

. . . The Witmer formboard and cylinders as tests for children two to six years of age . . . Philadelphia, Pa., The Psychological clinic press, 1918. 2 p. l., 24 p.

University of Pennsylvania, 1918, PH. D.

"Reprinted from the Psychological clinic, vol. XII, no. 3, May 15, 1918."

Kahn, Lina, 1887—

Metaphysics of the supernatural as illustrated by Descartes . . . New York, Columbia university press, 1918. viii, 65, [1] p., 1 l.

Columbia university, 1916, PH. D.

Published also as Archives of philosophy, no. 9.

Kelly, Caleb Guyer, 1887—

French Protestantism, 1559-1562 . . . Baltimore, 1918. viii, 9-186 p.

Johns Hopkins university, 1916, PH. D.

Published also as Johns Hopkins university studies in history and political science, series XXXVI, no. 4.

Kephart, Adam Perry, 1883-

. . . Clinical studies of failures with the Witmer form-board . . . Philadelphia, The Psychological clinic press, 1918. 1 p. l., p. 229-253.

University of Pennsylvania, 1918, PH. D.

"Reprinted from the Psychological clinic, vol. xi, no. 8, January, 1918."

Lamprecht, Sterling Power, 1890-

The moral and political philosophy of John Locke . . . New York, Columbia university press, 1918. viii, 168 p., 1 l.

Columbia university, 1918, PH. D.

"Reprinted from Archives of philosophy, no. 11."

Levi, Gerson Benedict.

Gnomic literature in Bible and Apocrypha, with special reference to the gnomic fragments and their bearing on the proverb collections . . . [Philadelphia? 1918] 1 p. l., 7-113 p.

University of Pennsylvania, 1910, PH. D.

McCann, Mary Agnes, *sister*, 1851-

Archbishop Purcell and the archdiocese of Cincinnati, a study based on original sources . . . Washington, D. C., 1918. 108 p.

Catholic university of America, 1918, PH. D.

Mateer, Florence.

Child behavior; a critical and experimental study of young children by the method of conditioned reflexes . . . Boston, R. G. Badger [1918] 2 p. l., 7-239 p.

Clark university, 1916, PH. D.

Published also without thesis note.

Mayer, Eli, 1880-

. . . War and religion; a sociological study . . . Philadelphia, Pa., 1918. 100 p.

University of Pennsylvania, 1918, PH. D.

Messer, William Stuart, 1882-

The dream in Homer and Greek tragedy . . . New York, Columbia university press, 1918. viii p., 1 l., 105, [1] p.

(*Half-title:* Columbia university studies in classical philology)

Columbia university, 1918, PH. D.

Published also without thesis note.

Paschal, Franklin Cressey, 1890-

. . . The Witmer cylinder test . . . Hershey, Pa., The Hershey press, 1918. 54 p.

University of Pennsylvania, 1918, PH. D.

Peters, Charles Clinton, 1887-

. . . Selection and organization of materials for a course in "the control of conduct" for secondary schools . . . Spring City, Pa., The Interborough press [1918] 120 p.

University of Pennsylvania, 1916, PH. D.

Ridgley, Frank Harris.

Jewish ethical idealism . . . Boston, The Gorham press, 1918. 97 p.

University of Pennsylvania, 1916, PH. D.

Published also without thesis note in the Library of religious thought.

Roesch, Sister Mary Jeanette, 1884-

Vocational preparation of youth in Catholic schools . . . Washington, D. C., 1918. 73 p.

Catholic university of America, 1918, PH. D.

Rogers, Agnes Low, 1884-

Experimental tests of mathematical ability and their prognostic value . . . New York city, Teachers college, Columbia university, 1918. v, 118 p., 1 l.

Columbia university, 1917, PH. D.

Published also as Teachers college, Columbia university. Contributions to education, no. 89.

Sabin, Ethel Ernestine, 1887-

William James and pragmatism . . . Lancaster, Pa., Press of the New era printing company [1918] v, 29, [1] p.

University of Illinois, 1916, PH. D.

Chapter I reprinted from the Journal of philosophy, psychology, and scientific methods. vol. xv, no. 12, June 6, 1918.

Schuetz, John Joseph, 1874-

The origin of the teaching brotherhoods . . . Washington, D. C., 1918. 104 p.

Catholic university of America, 1918, PH. D.

Slaten, Arthur Wakefield.

. . . Qualitative nouns in the Pauline Epistles and their translation in the revised version . . . Chicago, Ill., The University of Chicago press, 1918. 1 p. l., v-vii, 70 p.

University of Chicago, 1916, PH. D.

"Historical and linguistic studies, second series, vol. iv, part i."

Smith, Frederick Madison, 1874-

The higher powers of man . . . Lamoni, Ia., Printed by the Herald publishing house, 1918. 232 p.

Clark university, 1916, PH. D.

Published also without thesis note.

Snell, Ada Laura Fonda, 1871-

. . . Pause; a study of its nature and its rhythmical function in verse, especially blank verse . . . Ann Arbor [The Ann Arbor press] 1918. 2 p. l., 85, [1] p.

(Contributions to rhetorical theory, ed. by F. N. Scott . . . viii)

University of Michigan, 1916, PH. D.

Stauffer, Vernon, 1875-

New England and the Bavarian Illuminati . . . New York, 1918. 375 p.

Columbia university, 1918, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXII, no. 1, whole no. 191.

Stuart, Henry Waldgrave, 1871-

. . . Valuation as a logical process . . . [Chicago, 1918] 1 p. l., p. 227-340.

University of Chicago, 1900, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from Studies in logical theory, by John Dewey."

Taylor, John Prentice.

The mythology of Vergil's Aeneid according to Servius . . . [New York, 1918] 4 p. l., 62 p.

New York university, 1917, PH. D.

Tucker, Robert Leonard, 1890-

The separation of the Methodists from the Church of England . . . New York city, Printed by the Methodist book concern, 1918. 184 p., 1 l.

Columbia university, 1918, PH. D.

Wardle, Addie Grace.

. . . History of the Sunday school movement in the Methodist Episcopal church . . . New York, Cincinnati, The Methodist book concern, 1918. 232 p.

University of Chicago, 1915, PH. D.

Published also without thesis note.

Watson, Arthur Clinton.

. . . The logic of religion . . . [Chicago, 1918] iii, 99 p.

University of Chicago, 1915, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the American journal of theology, vol. xx, nos. 1, 2, January, April, 1916; vol. xxii, nos. 2, 3, 4, April, July, October, 1918."

Wearing, Thomas.

. . . The world-view of the fourth Gospel, a genetic study . . . Chicago, Ill., The University of Chicago press, 1918. 2 p. l., 74 p.

University of Chicago, 1917, PH. D.

Yerkes, Royden Keith.

. . . The Lucianic version of the Old Testament as illustrated from Jeremiah 1-3 . . . [Middletown, Conn., 1918] 1 p. l., p. [163]-192.

University of Pennsylvania, 1918, PH. D.

"Reprinted from the Journal of Biblical literature xxxvii (1918), iii-iv."

History

(except American)

(Class D)

Boyce, Myrna M.

The diplomatic relations of England with the Quadruple alliance 1815-1830 . . . [Iowa City? 1918] 76 p.

University of Iowa, 1917, PH. D.

Published also as University of Iowa monographs, 1st ser., no. 22. November 1918.

Bradley, Harriett, 1892-

The enclosures in England, an economic reconstruction . . . New York, 1918. 3 p. l., 9-113 p.

Columbia university, 1917, PH. D.

Published also as Studies in history, economics, and public law, ed. by the Faculty of political science of Columbia university, vol. LXXX, no. 2, whole no. 186.

Fundenburg, George Baer, 1893-

Feudal France in the French epic, a study of feudal French institutions in history and poetry . . . Princeton, N. J., 1918. 4 p. l., 121 p.

Columbia university, 1919, PH. D.

Greenfield, Kent Roberts, 1893-

Sumptuary law in Nürnberg; a study in paternal government . . . Baltimore, 1918. v, 7-140 p.

Johns Hopkins university, 1915, PH. D.

Published also as Johns Hopkins university studies in historical and political science. ser. XXXVI, no. 2.

Higby, Chester Penn, 1885-

The religious policy of the Bavarian government during the Napoleonic period . . . New York, 1918. 1 p. l., 5-347 p.

Columbia university, 1919, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXV, no. 1, whole no. 196.

Jones, Paul Van Brunt.

. . . The household of a Tudor nobleman . . . Cedar Rapids, Ia., The Torch press, 1918. 5 p. l., 9-277 p.

University of Pennsylvania, 1912, PH. D.

"Reprinted from the University of Illinois studies in social sciences, volume VI, number 4."

Koller, Armin Hajman.

. . . The theory of environment, an outline of the history of the idea of milieu, and its present status. pt. I . . . Menasha, Wis., George Banta publishing company, 1918. 6 p. l., 104 p.

University of Chicago, 1911, PH. D.

Published also without thesis note.

Kraeling, Emil Gottlieb Heinrich, 1892-

. . . Aram and Israel; or, The Aramaeans in Syria and Mesopotamia . . . New York, Columbia university press, 1918. xvi, 155 p., 1 l.

(Columbia university oriental studies, vol. xii)

Columbia university, 1917, PH. D.

Published also without thesis note.

Le Duc, Alma de Lande, 1878-

Gontier Col and the French pre-renaissance . . . New York, 1918. vii, 103, [1] p.

Columbia university, 1916, PH. D.

"Reprinted from the Romanic review, vol. VII, no. 4, 414-457, 1916; vol. VIII, no. 2, 145-165, and no. 3, 290-306, 1917."

Leffingwell, Georgia Williams, 1893-

Social and private life at Rome in the time of Plautus and Terence . . . New York, 1918. 2 p. l., 7-141 p.

Columbia university, 1918, PH. D.

Published also as Studies in history, economics, and public law, edited by the Faculty of political science of Columbia university. vol. LXXXI, no. 1; whole no. 188.

Mayer, Eli, 1880-

. . . War and religion; a sociological study . . . Philadelphia, Pa., 1918. 100 p.

University of Pennsylvania, 1918, PH. D.

Zeydel, Edwin Hermann, 1893-

The Holy Roman empire in German literature . . . New York, Columbia university press, 1918. ix, 144 p.

(Half-title: Columbia university Germanic studies)

Columbia university, 1918, PH. D.

Published also without thesis note.

America

(Classes E-F)

Coulter, Ellis Merton, 1890-

Effects of secession upon the commerce of the Mississippi Valley . . . [Cedar Rapids, 1916] cover-title, 1 p. l., p. [275]-300.

University of Wisconsin, 1917, PH. D.

Thesis note stamped on cover.

"Reprinted from the Mississippi Valley historical review, vol. III, no. 3, Dec. 1916."

Davidson, Gordon Charles, 1884-

The North West company . . . [Berkeley, 1918] cover-title, xi, 349 p.

University of California, 1916, PH. D.

University of California publications in history, vol. VII, with a special thesis t.-p., dated 1916, attached to the cover-title.

Ellinger, Esther Parker.

The southern war poetry of the civil war . . . Philadelphia, Pa. [Hershey, Pa., The Hershey press] 1918. 192 p.

University of Pennsylvania, 1918, PH. D.

Fox, Dixon Ryan, 1887-

The decline of aristocracy in the politics of New York . . . New York, 1918. xiii, 460 p., 1 l.

Columbia university, 1917, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXVI, whole no. 198.

Garrett, Mitchell Bennett, 1881-

The French colonial question 1789-1791; dealings of the Constituent assembly with problems arising from the revolution in the West Indies . . . Ann Arbor, Mich., G. Wahr [1918] iv, p., 1 l., 167 p.

Cornell university, 1910, PH. D.

Published in 1916 without thesis note.

Hamer, Philip May.

. . . The secession movement in South Carolina, 1847-1852 . . . Allentown, Pa., H. R. Haas & co., 1918. v, 152 p.

University of Pennsylvania, 1918, PH. D.

Hollingsworth, William Wiley.

. . . Woodrow Wilson's political ideals as interpreted from his works . . . Princeton, Princeton university press, 1918. vi, 53 p.

University of Pennsylvania, 1918, PH. D.

Johnson, Franklin, 1875-

The development of state legislation concerning the free negro . . . New York, 1918. vi, 207, [1] p.

Columbia university, 1918, PH. D.

Published in 1919 without thesis note.

Lefferts, Walter, 1875-

. . . Tidewater Maryland, an embayed coast plain . . . Philadelphia, International printing company, 1918. 64 p.

University of Pennsylvania, 1918, PH. D.

Lonn, Ella.

. . . Reconstruction in Louisiana after 1868 . . . New York and London, G. P. Putnam's sons, 1918. 1 p. l., 95 p.

University of Pennsylvania, 1911, PH. D.

Comprises the first four chapters of a much larger work which was published without thesis note but with the same title.

Lowrey, Lawrence Tyndale, 1888-

Northern opinion of approaching secession, October, 1859-November, 1860 . . . Northampton, Mass., 1918. 2 p. l., p. [191]-258.

Columbia university, 1917, PH. D.

McDougle, Ivan Eugene.

Slavery in Kentucky, 1792-1865 . . . [Lancaster, Pa., Press of the New era printing company, 1918] 2 p. l., 125 p.

Clark university, 1918, PH. D.

"Reprinted from the Journal of negro history, vol. III, no. 3, July, 1918."

Martin, Asa Earl, 1885-

The anti-slavery movement in Kentucky prior to 1850 . . . Louisville? Ky., 1918] 165 p.

Cornell university, 1915, PH. D.

Published also as Filson club publication no. 29.

Munro, Dana Gardner.

. . . The five republics of Central America; their political and economic development and their relations with the United States . . . New York [etc.] Oxford university press, 1918. viii p., 1 l., 332 p.

University of Pennsylvania, 1917, PH. D.

Published also by the Carnegie endowment for international peace, Division of economics and history.

Musser, John.

. . . The establishment of Maximilian's empire in Mexico . . . Menasha, Wis., George Banta publishing company, 1918. 2 p. l., 100 p.

University of Pennsylvania, 1912, PH. D.

Noble, Stuart Grayson, 1886-

Forty years of the public schools in Mississippi, with special reference to the education of the negro . . . New York city,

Teachers college, Columbia university, 1918. iv p., 1 l., 142 p., 1 l.

Columbia university, 1918, PH. D.

Published also as Contributions to education, Teachers college, Columbia university, no. 94.

Parkins, Almon Ernest.

. . . The historical geography of Detroit . . . Chicago, Ill., 1918. xix, 356 p.

University of Chicago, 1914, PH. D.

"A private edition distributed by the University of Chicago libraries."

"University series, III. The Michigan historical commission, Lansing, Michigan."

Purcell, Richard Joseph.

Connecticut in transition, 1775-1818 . . . Washington, American historical association; [etc., etc.] 1918. x, 471 p.

Yale university, 1916, PH. D.

Without thesis note.

"To this essay was awarded the Justin Winsor prize in American history for 1916."

Putnam, James William.

. . . The Illinois and Michigan canal; a study in economic history . . . Illinois centennial publication. Chicago, The University of Chicago press, 1918. xiii, 213 p.

(Chicago historical society's collection, vol. x)

University of Wisconsin, 1909, PH. D.

Thesis note stamped on t.-p.

Reuter, Edward Byron.

. . . The mulatto in the United States, including a study of the rôle of mixed-blood races throughout the world . . . Boston, R. G. Badger, 1918. 1 p. l., 5-417 p.

University of Chicago, 1919, PH. D.

Published also without thesis note.

Stauffer, Vernon, 1875-

New England and the Bavarian Illuminati . . . New York, 1918. 375 p.

Columbia university, 1918, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXII, no. 1, whole no. 191.

Visher, Stephen Sargent.

. . . The geography of South Dakota . . . [Vermillion, S. D., 1918] 4 p. l., [7]-189 p.

University of Chicago, 1914, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from South Dakota state Geological survey, Bulletin no. 8, July, 1918."

Geography, Anthropology

(Class G)

Campbell, Ivy Gertrude.

Manaism; a study in the psychology of religion . . . [Worcester, 1918] 1 p. l., 49 p.

Clark university, 1914, PH. D.

"Reprinted from the American journal of psychology, January, 1918, vol. xxix."

Koller, Armin Hajman.

. . . The theory of environment, an outline of the history of the idea of milieu, and its present status. pt. I

. . . Menasha, Wis., George Banta publishing company, 1918. 6 p. l., 104 p.

University of Chicago, 1911, PH. D.

Published also without thesis note.

Parkins, Almon Ernest.

. . . The historical geography of Detroit . . . Chicago, Ill., 1918. xix, 356 p.

University of Chicago, 1914, PH. D.

"A private edition distributed by the University of Chicago libraries."

"University series, III. The Michigan historical commission, Lansing, Michigan."

Reuter, Edward Byron.

. . . The mulatto in the United States, including a study of the rôle of mixed-blood races throughout the world . . . Boston, R. G. Badger, 1918. 1 p. l., 5-417 p.

University of Chicago, 1919, PH. D.

Published also without thesis note.

Visher, Stephen Sargent.

. . . The geography of South Dakota . . . [Vermilion, S. D., 1918] 4 p. l., [7]-189 p.

University of Chicago, 1914, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from South Dakota state Geological survey, Bulletin no. 8, July, 1918."

Social Sciences

(Class H)

Andrews, John Bertram, 1880-

Nationalisation (1860-1877) . . .

(In Commons, J. R. History of labour in the United States. New York, 1918. vol. II, pt. 5, p. 1-191)

University of Wisconsin, 1908, PH. D.

Without thesis note.

Ayers, Clarence Edwin.

. . . The nature of the relationship between ethics and economics . . . Chicago, Ill., The University of Chicago press, 1918. 1 p. l., v-ix, 58 p.

University of Chicago, 1917, PH. D.

"Philosophic studies no. 8."

Barnes, Harry Elmer, 1889-

A history of the penal, reformatory and correctional institutions of the state of New Jersey, analytical and documentary . . . Trenton, N. J., MacCrellish & Quigley company, 1918. 654 p., 1 l.

Columbia university, 1918, PH. D.

Barron, Mary Louise, 1892-

. . . State regulation of the securities of railroads and public service companies . . . Philadelphia, 1918. 28 p.

University of Pennsylvania, 1917, PH. D.

"Reprinted from vol. LXXVI of the Annals of the American academy of political and social science."

Bradley, Harriett, 1892—

The enclosures in England, an economic reconstruction . . . New York, 1918. 3 p. l., 9-113 p.

Columbia university, 1917, PH. D.

Published also as *Studies in history, economics and public law*, ed. by the Faculty of political science of Columbia university, vol. LXXX, no. 2, whole no. 186.

Cotterill, Robert Spencer, 1884—

Southern railroads and western trade, 1840-1850.

(*In Mississippi Valley historical review*. Cedar Rapids, Ia., 1917. vol. III, no. 4, p. [427]-441)

University of Wisconsin, 1919, PH. D.

Part I of thesis.

Without thesis note.

Cotterill, Robert Spencer, 1884—

Memphis railroad convention, 1849.

(*In Tennessee historical magazine*. Nashville, 1918. vol. 4, no. 2, p. [83]-94)

University of Wisconsin, 1919, PH. D.

Part II of thesis.

Without thesis note.

Cotterill, Robert Spencer, 1884—

The national railroad convention in St. Louis, 1849 . . .

(*In Missouri historical review*. Columbia, 1918. vol. XII, no. 4, p. 203-215)

University of Wisconsin, 1919, PH. D.

Part III of thesis.

Without thesis note.

Coulter, Ellis Merton, 1890—

Effects of secession upon the commerce of the Mississippi Valley . . . [Cedar Rapids, 1916] cover-title, 1 p. l., p. [275]-300.

University of Wisconsin, 1917, PH. D.

Thesis note stamped on cover.

"Reprinted from the *Mississippi Valley historical review*, vol. III, no. 3, Dec. 1916."

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. . . Iowa City, Ia., 1918. xii, 300 p.

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Johns Hopkins university, 1915, PH. D.

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Columbia university, 1919, PH. D.

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Boyce, Myrna M.

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University of Pennsylvania, 1917, PH. D.

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The moral and political philosophy of John Locke . . .
New York, Columbia university press, 1918. viii, 168 p., 1 l.

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Alexander, Thomas, 1887-

The Prussian elementary schools . . . New York, The Macmillan company, 1918. viii p., 1 l., 571 p.

(*Lettered on cover*: Text-book series in education)

Columbia university, 1918, PH. D.

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University of Illinois, 1917, PH. D.

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An experimental study of abnormal children, with special reference to the problems of dependency and delinquency . . . [Berkeley, 1918] cover-title, 59 p.

University of California, 1915, PH. D.

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University of Iowa, 1911, PH. D.

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Dushkin, Alexander Mordecai, 1890-

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A school building program for cities . . . New York city,
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University of Chicago, 1917, PH. D.

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Ide, Gladys Geneva.

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University of Pennsylvania, 1918, PH. D.

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Kephart, Adam Perry, 1883-

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Columbia university, 1918, PH. D.

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Maddox, William Arthur, 1883-

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Clark university, 1916, PH. D.

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Mead, Arthur Raymond, 1880-

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Columbia university, 1918, PH. D.

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University of Chicago, 1915, PH. D.

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University of Pennsylvania, 1918, PH. D.

Noble, Stuart Grayson, 1886-

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Columbia university, 1918, PH. D.

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Paschal, Franklin Cressey, 1890-

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Peters, Charles Clinton, 1887-

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University of Pennsylvania, 1916, PH. D.

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Columbia university, 1916, PH. D.

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University of Pennsylvania, 1917, PH. D.

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Armstrong, A. Joseph.

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University of Pennsylvania, 1908, PH. D.

"Baylor university bulletin [vol. xxi] no. 4."

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Wooley, Elmer Otto.

The sphere of music and musical terms in Goethe's lyric
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Indiana university, 1915, PH. D.

Language and Literature

(Class P)

Amy, Ernest Francis, 1884—

The text of Chaucer's Legend of good women . . .
Princeton, Princeton university press; [etc., etc.] 1918. ix,
109 p.

Princeton university, 1914, PH. D.

Baldwin, Thomas Whitfield, 1890— ed.

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Princeton university, 1916, PH. D.

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Beardslee, John Walter, 1879-

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University of Chicago, 1913, PH. D.

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The Hawaiian romance of Laieikawai with introduction and translation by Martha Warren Beckwith . . . Washington, Govt. print. off., 1918. 384 p.

Columbia university, 1918, PH. D.

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Blancké, Wilton Wallace.

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University of Pennsylvania, 1916, PH. D.

Bowen, Ray Preston, 1882-

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Boston, R. G. Badger [1918] 138 p., 1 l.

(*Half-title*: Studies in literature)

Cornell university, 1916, PH. D.

Published also without thesis note.

Brede, Charles Frederic.

. . . The German drama in English on the Philadelphia stage from 1794 to 1830 . . . Philadelphia, Americana Germanica press, 1918. 5 p. l., 3-295 p.

(*Half-title*: Americana Germanica. [no. 34])

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Published also without thesis note.

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(University of California publications in modern philology. v. 8, no. 1)

"This study is the revision of a thesis of the same title submitted in 1915 to the Faculty of the Graduate school of Yale university in candidacy for the degree of doctor of philosophy."—Pref.

Campion, John Leo, 1884-

Das verwandtschaftsverhältnis der handschriften des Tristan Ulrichs von Türheim, nebst einer probe des kritischen textes . . . Baltimore, J. H. Furst company, 1918. 1 p. l., 42 p., 1 l.

Johns Hopkins university, 1917, PH. D.

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Ibsen in Germany, 1870-1900 . . . Boston, R. G. Badger [c1918] 203 p.

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Ellinger, Esther Parker.

The southern war poetry of the civil war . . . Philadelphia, Pa. [Hershey, Pa., The Hershey press] 1918. 192 p.

University of Pennsylvania, 1918, PH. D.

Foster, Finley Melville Kendall, 1892-

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Hamilton, Arthur, 1886-

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Columbia university, 1913, PH. D.

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Columbia university, 1918, PH. D.

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Lockert, Charles Lacy, 1888- *ed.*

The fatal dowry, by Philip Massinger and Nathaniel Field, ed., from the original quarto, with introduction and notes . . . by Charles Lacy Lockert, jr. . . . Lancaster, Pa., Press of the New era printing company, 1918. iii, 167 p.

Princeton university, 1916, PH. D.

Messer, William Stuart, 1882-

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(*Half-title:* Columbia university studies in classical philology)

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Michel, Virgil G., 1890-

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University of Pennsylvania, 1915, PH. D.

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Norlie, Olaf Morgan, 1876-

Principles of expressive reading, impression before expression . . . Boston, The Gorham press, 1918. 2 p. l., 3-190 p.

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Karl Gutzkow's short stories, a study in the technique of narration . . . [Urbana? 1918] 4 p. l., 122 p., 1 l.

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Rowland, William Tingle, 1881—

On the position in the clause of *ne* and *ut* in certain documents of colloquial Latin . . . New York, Columbia university press, 1918. 4 p. l., 44 p., 1 l.

(*Half-title*: Columbia university studies in classical philology)

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Scholz, Karl William Henry, 1887—

. . . The art of translation, with special reference to English renditions of the prose dramas of Gerhart Hauptmann and Hermann Sudermann . . . Philadelphia, Pa., 1918. 5 p. l., 3-70 p.

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Shafer, Samuel Robert, 1890—

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Princeton university, 1916, PH. D.

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Snell, Ada Laura Fonda, 1871—

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(Contributions to rhetorical theory, ed. by F. N. Scott . . . viii)

University of Michigan, 1916, PH. D.

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Spring, Evelyn.

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Columbia university, 1918, PH. D.

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Taylor, John Prentice.

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University of Pennsylvania, 1915, PH. D.

Wann, Louis.

The Oriental in Elizabethan drama . . . [Chicago, 1915]
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University of Wisconsin, 1919, PH. D.

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University of Wisconsin, 1919, PH. D.

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Wooley, Elmer Otto.

The sphere of music and musical terms in Goethe's lyric
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Indiana university, 1915, PH. D.

Zeydel, Edwin Hermann, 1893-

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Abbott, Raymond Barrington, 1873-

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University of California, 1919, PH. D.

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"A reprint of an article based upon a thesis submitted to the Faculty of the Graduate school of Cornell university for the degree of doctor of philosophy, by William Augustus Adamson, 1917."

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"Reprinted from the Journal of the American chemical society, vol. XL, no. 8. August, 1918."

Adkins, Homer Burton, 1892-

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University of Chicago, 1917, PH. D.

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Cornell university, 1918, PH. D.

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Atwell, Wayne Jason, 1889-

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University of Michigan, 1917, PH. D.

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University of Chicago, 1917, PH. D.

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University of California, 1917, PH. D.

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Bast, Victor August, 1883-

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Beckerman, Harry.

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Beegle, Frank Moore, 1889-

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Equilibrium in the reaction between water and sulfur at high temperatures. The dissociation of hydrogen sulfide . . . [Easton, Pa., 1918] cover-title, p. [368]-375.

University of California, 1916, PH. D.

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Blanchard, Julian, 1885-

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Columbia university, 1917, PH. D.

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George Washington university, 1917, PH. D.

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Ohio state university, 1917, PH. D.

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Bovard, John Freeman, 1881-

The transmission of nervous impulses in relation to locomotion in the earthworm . . . [Berkeley, 1918] 2 pt.

University of California, 1917, PH. D.

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Johns Hopkins university, 1917, PH. D.

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Gallium . . . [Easton, Pa., 1918] 33 p.

Cornell university, 1917, PH. D.

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University of California, 1917, PH. D.

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Catholic university of America, 1918, PH. D.

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The relation of the titaniferous magnetite deposits of
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Kathodo-fluorescence of crystals, by Thomas B. Brown.
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University of Chicago, 1915, PH. D.

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The properties and composition of oocytin . . . [Baltimore, The Waverly press] 1918. cover-title, p. 253-262.

University of California, 1918, PH. D.

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Cohn, Edwin Joseph.

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University of Chicago, 1917, PH. D.

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The use of textile fibers in microscopic qualitative chemical analysis . . . [Easton, Pa., 1917-18] 1 p. l., 7, 7 p.

Cornell university, 1917, PH. D.

"Reprinted from the Journal of industrial and engineering chemistry, vol. 9, no. 10, page 969. October, 1917; vol. 10, no. 1, page 48. January, 1918."

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The relation of the dorsal roots of the spinal nerves and the mesencephalon to the control of the respiratory movements . . . [Boston, 1918] 1 p. l., p. 459-471, 1 l.

Columbia university, 1918, PH. D.

"Reprinted from the American journal of physiology, vol. xlvi, July, 1918."

Cornell, Ethel Letitia, 1892-

A new clinical test for temperature sensitivity, a contribution to the study of temperature reaction in nervous diseases based on the reaction to simultaneous cold and hot stimulation . . . New York, P. B. Hoeber, 1918. 1 p. l., 119-158, 335-372 p., 1 l.

Columbia university, 1919, PH. D.

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University of Illinois, 1917, PH. D.

"Reprinted from the American journal of science, vol. XLV, April, 1918."

Curtis, George Morris, 1890-

The morphology of the mammalian seminiferous tubule . . . Philadelphia [1918] 1 p. l., p. 339-394.

University of Michigan, 1914, PH. D.

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Cornell university, 1916, PH. D.

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The formation of aromatic hydrocarbons from natural gas condensate . . . New York city, 1918. 37, [1] p.

Columbia university, 1918, PH. D.

Davis, Elmer Fred, 1887-

Rocks of the Franciscan group. 1. The sandstone. 2. The radiolarian cherts . . . [Berkeley, 1918] 2 pt.

University of California, 1917, PH. D.

University of California publications, Bulletin of the Department of geology, v. 11, nos. 1 and 3, with a special thesis t.-p. attached to the cover of [pt. 1]

Dawson, Andrew Ignatius, 1876-

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[New York?] 1918. 2 p. l., 15, [1] p.

Columbia university, 1918, PH. D.

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Cornell university, 1916, PH. D.

"Reprinted from American journal of mathematics, vol. XL, no. 1, January, 1918."

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University of Chicago, 1919, PH. D.

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University of Minnesota, 1918, PH. D.

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Cornell university, 1917, PH. D.

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Dudgeon, Winfield Scott.

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The measurement of low temperatures and the measurement of specific heats between 60 degrees and 300 degrees absolute . . . [Easton, Pa., 1918] cover-title, p. [489]-500.

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University of Illinois, 1917, PH. D.

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Freas, Raymond, 1886-

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Johns Hopkins university, 1917, PH. D.

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Princeton university, 1917, PH. D.

Gaehr, Paul Frederick, 1880—

The specific heat of tungsten at incandescent temperatures . . . Lancaster, Pa., Press of the New era printing company [1918] [1], [396]-423 p.

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University of Michigan, 1916, PH. D.

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Potential measurements on the copper-nickel series of alloys, and some observations on brasses . . . Easton, Pa., Eschenbach printing company, 1918. cover-title, 24 p.

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A qualitative and quantitative study of Weber's illusion
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Cornell university, 1914, PH. D.

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1918. 1 p. l., 28 p.

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The Duluth gabbro and its associated formations . . .
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Yale university, 1917, PH. D.

"A set of articles arranged for publication from a dissertation."

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journal of science, vol. xlvi, Sept., 1918—[pt. 3] Journal of geology, vol.
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Sept.-Oct., 1918—[pt. 5] Journal of geology, vol. xxvi, no. 7, Oct.-Nov.,
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University of Illinois, 1917, PH. D.

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University of Illinois, 1916, PH. D.

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University of Illinois, 1918, PH. D.

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Morphology and biology of some *Turbellaria* from the Mississippi basin . . . [Urbana, 1918] 1 p. l., [5]-94 p., 1 l.

University of Illinois, 1917, PH. D.

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University of Chicago, 1917, PH. D.

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The diffraction ring pattern in the shadow of a circular object . . . [Lancaster, Pa., and Ithaca, N. Y., 1916] cover-title, p. [545]-550.

Indiana university, 1916, PH. D.

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The description and stratigraphic relationships of fossil plants from the lower Pennsylvanian rocks of Indiana . . . [Indianapolis, 1917] p. 405-428.

Indiana university, 1916, PH. D.

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University of Iowa, 1917, PH. D.

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Complement fixation with protein substances . . . [Baltimore, 1918] 1 p. l., 17 p.

New York university, 1916, D. SC.

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Abscission of flowers and fruits in the *Solonaceae*, with special reference to *Nicotiana* . . . [Berkeley, 1918] cover-title, p. [347]—428.

University of California, 1917, PH. D.

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I. The equation of state of liquid ether. II. The technical preparation of perchloric acid from potassium perchlorate . . . [Cambridge, Mass.] Technology press, 1918. 18 p.

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Equilibria involving cyanogen iodide and the free energy of cyanogen . . . [Easton, Pa., 1918] cover-title, p. [472]—478.

University of California, 1917, PH. D.

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. . . Geology of the serpentine belt coleraine sheet, Thetford-Black Lake mining district, Quebec . . . Chicago, Ill., 1918. 73 p.

University of Chicago, 1917, PH. D.

Private edition, distributed by the University of Chicago libraries.

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Vegetation and reproduction with special reference to the tomato . . . by Ezra Jacob Kraus and Henry Reist Kraybill . . . [Corvallis, Or., 1918] 2 p. l., 3—90 p.

University of Chicago, 1917, PH. D.

"This bulletin is the result of the cooperative efforts of Messrs. Kraus and Kraybill and has been submitted by them in fulfillment of the thesis requirements for the degree of doctor of philosophy from the University of Chicago."

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from station bulletin 149, Oregon agricultural college, January, 1918."

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Observations on the rare earths: the purification and atomic weight of dysprosium . . . [Urbana? 1918] 22 p., 1 l.

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Larsell, Olof, 1886-

Studies on the nervus terminalis: mammals . . . [Philadelphia, 1918] 68 p.

Northwestern university, 1918, PH. D.

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Leman, Edwin Daniel.

. . . The relation between the alpha-ray activities and ranges of radioactive substances . . . Chicago, Ill., 1918. 2 p. l., 20 p.

University of Chicago, 1915, PH. D.

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Chlorophyll inheritance in maize . . . [Ithaca, 1918] 68 p.

Cornell university, 1918, PH. D.

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Luckey, Bertha Musson.

The specific brightness of colors . . . Lincoln, 1916. 60 p.

University of Nebraska, 1916, PH. D.

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The influence of illuminating gas and its constituents on certain bacteria and fungi . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., 31 p.

University of Michigan, 1917, PH. D.

"Reprinted from the American journal of botany, 5: 1-31, January, 1918."

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Experiments on the utilization of nitrogen, calcium, and magnesium in diets containing carrots and spinach, by Harry B. McClugage and Lafayette B. Mendel . . . [Baltimore, 1918] cover-title, p. 353-366.

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"Reprinted from the Journal of biological chemistry, vol. xxxv, no. 2, August, 1918."

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Ohio state university, 1918, PH. D.

MacDaniels, Laurence Howland, 1888-

The histology of the phloem in certain woody angiosperms . . . Ithaca, N. Y., 1918. 1 p. l., p. 347-378.

Cornell university, 1917, PH. D.

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Columbia university, 1917, PH. D.

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Some clinical and experimental observations on gastric acidity use of the gas-chain method . . . [Philadelphia, etc., 1918] cover-title, 13 p.

University of Minnesota, 1918, PH. D.

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Mahood, Samuel Arthur, 1884-

Tetraiodophenolphthalein and tetraiodophenoltetrachlorophthalein and some of their derivatives, by W. R. Orndorff

and S. A. Mahood . . . [Easton, Pa., 1918] 1 p l., p. [937]-955.

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The synthesis of mono-amino-flavones, of flavone-azobeta-naphthol dyes and of other flavone derivatives . . . New York, Chauncey Holt company [1918] 38 p.

Columbia university, 1918, PH. D.

Minnick, John Harrison, 1877-

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University of Pennsylvania, 1918, PH. D.

Mohler, Fred Loomis, 1893-

Resonance radiation of sodium vapor excited by one of the D lines . . . [Lancaster, Pa., 1918] 1 p l., [70]-80, [1] p.

Johns Hopkins university, 1917, PH. D.

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University of Wisconsin, 1917, PH. D.

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University of Iowa, 1917, PH. D.

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University of Chicago, 1918, PH. D.

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Musselman, John Rogers, 1890-

The set of eight self-associated points in space . . . [Baltimore, 1918] 1 p. l., p. [69]-86, 1 l.

Johns Hopkins university, 1916, PH. D.

"Reprinted from American journal of mathematics, vol. XI, no. 1, January, 1918."

Muttkowski, Richard Anthony, 1887-

The fauna of Lake Mendota . . . [Madison, Wis.] 1918. cover-title, p. 374-482.

University of Wisconsin, 1916, PH. D.

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Studies of amitosis, its physiological relations in the adipose cells of insects, and its probable significance . . . Philadelphia [1918] 1 p. l., p. 483-525.

Cornell university, 1918, PH. D.

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On the origin, nature, and function of the crystalline style of lamellibranchs . . . [Boston, 1918] cover-title, p. 53-111.

University of Wisconsin, 1917, PH. D.

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The comparative morphology of the genitalia of insects . . . [Columbus, O., 1918] 2 p. l., p. 109-142.

University of Illinois, 1916, PH. D.

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University of Chicago, 1919, PH. D.

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University of Wisconsin, 1918, PH. D.

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Parr, Rosalie Mary.

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University of Illinois, 1916, PH. D.

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An investigation of the reaction between antimony and solutions of sodium in liquid ammonia . . . Easton, Pa., Eschenbach printing company [1918] 15 p.

Clark university, 1917, PH. D.

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George Washington university, 1917, PH. D.

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A study of the relation of the behavior of the chromatin to development and heredity in teleost hybrids . . . [Boston, 1918] 1 p. l., p. 225-291, 1 l.

Bryn Mawr college, 1918, PH. D.

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Heats of dilution and their variations with temperature . . . [Philadelphia] J. B. Lippincott company, 1918. cover-title, p. 663-695.

Princeton university, 1917, PH. D.

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University of Pennsylvania, 1915, PH. D.

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George Washington university, 1917, PH. D.

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Rawlins, Charles Henry, 1889-

Complete systems of concomitants of the three-point and the four-point in elementary geometry . . . [Baltimore, 1918] 1 p. l., [155]-173 p., 1 l.

Johns Hopkins university, 1916, PH. D.

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The electrolysis of solutions of the rare earths . . .
[Easton, Pa., 1918] 10 p.

Cornell university, 1916, PH. D.

"Reprinted from the Journal of the American chemical society, vol. XL, no. 1, January, 1918."

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Heterogeneous equilibria between aqueous and metallic solutions. The interaction of mixed salt solutions and liquid amalgams. A study of the ionization relations of potassium and strontium chlorides in mixtures . . . [Easton, Pa., 1918] 2 p. l., 46 p., 1 l.

University of Illinois, 1918, PH. D.

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University of Chicago, 1917, PH. D.

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Fluctuations in a Mendelian character and selection . . . Philadelphia, 1918. 1 p. l., 157-192 p., 1 l.

University of Illinois, 1917, PH. D.

"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, October 8."

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"Reprinted from the Journal of experimental zoölogy, vol. 27, no. 2, November, 1918."

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Some experiments on the manifestation of osmotic pressure with membranes of chemically inert materials . . . [Ithaca, N. Y., 1918] cover-title, p. [99]-127, [153]-183.

University of Michigan, 1917, PH. D.

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Rodebush, Worth Huff, 1887-

The freezing points of concentrated solutions and the free energy of solution of salts . . . [New York, 1918] cover-title, p. [1204]-1213.

University of California, 1917, PH. D.

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Columbia university, 1917, PH. D.

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Inheritance in the asexual reproduction of *Centropyxis aculeata* . . . [Princeton, N. J., 1918] cover-title, p. [173]-206.

Johns Hopkins university, 1917, PH. D.

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University of Chicago, 1917, PH. D.

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Scholl, Clarence.

The radioactivity of Illinois waters . . . [Urbana? 1918] 30 p., 1 l.

University of Illinois, 1916, PH. D.

Schuette, Henry August.

A biochemical study of the plankton of Lake Mendota . . .
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. . . A generalized equation of the vibrating membrane expressed in curvilinear coordinates . . . Lancaster, Pa., Press of the New era printing company, 1918. iii, 18 p.

University of Pennsylvania, 1918, PH. D.

Skinner, Glenn Seymour, 1890-

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University of Illinois, 1917, PH. D.

Sleator, William Warner, 1883-

The absorption of near infra-red radiation by water-vapor . . . [Chicago, 1918] cover-title, p. 125-143.

University of Michigan, 1917, PH. D.

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Smith, Herbert Johnson.

. . . On equilibrium in the system: ferrous carbonate, carbon dioxide and water. On equilibrium in the system: zinc carbonate, carbon dioxide and water. Equilibrium between alkali-earth carbonates, carbon dioxide and water . . . [Easton, Pa., 1918]

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Journal of the American chemical society, vol. XL, no. 6, June, 1918."

Sperry, Pauline.

. . . Properties of a certain projectively defined two-parameter family of curves on a general surface . . . [Baltimore, 1918] 1 p. l., p. [213]-224.

University of Chicago, 1916, PH. D.

"Private edition distributed by the University of Chicago libraries, Chicago, Illinois, 1918."

"Reprinted from American journal of mathematics, vol. XI, no. 2 April, 1918."

Stewart, Chester Arthur, 1891-

Changes in the relative weights of the various parts, systems and organs of young albino rats underfed for various periods . . . [Baltimore, 1918] 1 p. l., p. 301-353.

University of Minnesota, 1918, PH. D.

"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, February 2."

"Reprinted from the Journal of experimental zoology, volume 25, number 2, April, 1918."

Stewart, John Quincy, 1894-

The movement of momentum accompanying magnetic moment in iron and nickel . . . Lancaster, Pa., Press of the New era printing co. [1918] 1 p. l., p. [100]-120.

Princeton university, 1919, PH. D.

"Reprinted from the Physical review, n. s., vol. XI, no. 2, February, 1918."

Stock, Chester, 1892-

The Pleistocene fauna of Hawver cave . . . [Berkeley, 1918] cover-title, p. [461]-515.

University of California, 1917, PH. D.

University of California publications. Bulletin of the Department of geology, v. 10, no. 24. Issued April 23, 1918, with special thesis t.-p. dated May, 1917, attached to the cover-title.

Stout, Joseph Duerson, 1886-

On the motor functions of the cerebral cortex of the cat . . . Washington, D. C., 1918. cover-title, p. 177-229.

George Washington university, 1915, PH. D.

"Reprinted from Psychobiology, vol. I, no. 3, November 1917."

Swaine, James Malcolm, 1878-

Canadian bark-beetles, a preliminary classification, with an account of the habits and means of control . . . [Ottawa, 1918] 2 p. l., 3-143 p.

Cornell university, 1919, PH. D.

"Reprinted from Canadian Department of agriculture, Entomological branch, Bulletin 14, part II, 1918."

Tanner, Fred Wilbur.

A study of green fluorescent bacteria from water . . . [Baltimore, 1918] 2 p. l., 63-101 p., 1 l.

University of Illinois, 1916, PH. D.

"Reprinted from the Journal of bacteriology, vol. III, no. 1, January, 1918."

Tarr, William Arthur.

. . . The barite deposits of Missouri and the geology of the barite district . . . Columbia, Mo., University of Missouri, 1918. 2 p. l., vii-xi, 111 p.

University of Chicago, 1916, PH. D.

"Science series, vol. III, no. 1, the University of Missouri studies."

Taylor, Rood, 1885-

Hunger in the infant . . . [Minneapolis, 1918] cover-title, 34 p.

University of Minnesota, 1917, D. SC.

Thrun, Walter Eugene, 1892-

Determination of various forms of nitrogen in bovine flesh, including the products of hydrolysis of some of the proteins . . . [Baltimore, 1918] 1 p. l., 22 p.

University of Missouri, 1917, PH. D.

"Reprinted from the Journal of biological chemistry, vol. XXXIV, no. 2, 1918."

Tressler, Donald Kiteley, 1894-

Solubility of soil potash in various salt solutions . . . [Baltimore, 1918] 1 p. l., p. 237-257.

Cornell university, 1918, PH. D.

"Reprinted from Soil science, vol. 6, no. 3, September, 1918."

Ulrey, Clayton T., 1884-

. . . An experimental investigation of the energy in the continuous X-ray spectra of certain elements . . . Lan-

caster, Pa., Press of the New era printing company [1918]
1 p. l., p. [401]-410, 1 l.

(Phoenix physical laboratory contribution no. 40)

Columbia university, 1918, PH. D.

"Reprinted from the Physical review, vol. XI, no. 5, May, 1918."

Ulrey, Dayton L., 1884-

The relation between the specific inductive capacity of an electrolyte and the electric potential of a metal placed in it . . . Lancaster, Pa., Press of the New era printing company [1918] 1 p. l., p. [47]-58.

Leland Stanford junior university, 1917, PH. D.

"Reprinted from the Physical review, n. s., vol. XII, no. 1, July, 1918."

Valleau, William Dorney, 1891-

Sterility in the strawberry . . . Washington, Govt. print. off., 1918. cover-title, p. 613-670.

University of Minnesota, 1917, PH. D.

Thesis note mounted on p. 2 of cover.

"Reprinted from Journal of agricultural research, vol. XII, no. 10, Washington, D. C., March 11, 1918."

Veazey, John Armor.

Kathodo-fluorescence of crystals, by Thomas B. Brown. Part I.—A quantitative investigation of the kathodo-fluorescence of willemite, kunzite, and soda glass. (A description of the results obtained by J. A. Veazey.) Part II.—A further investigation of willemite by the writer . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., p. [39]-57.

"Part I is the substance of a thesis presented to the Faculty of the Graduate school of Cornell university by J. A. Veazey for the degree of doctor of philosophy."

"Part II is a thesis presented to the Faculty of the Graduate school of Cornell university by Thomas B. Brown for the degree of doctor of philosophy." 1916.

"Since the untimely death of J. A. Veazey prevented the immediate publication of his thesis, and since the work of the writer is so closely related to this previous work, these two papers are here issued as a single publication."

"Reprinted from Physical review, vol. XI, no. 1, January, 1918."

See Brown, Thomas Benjamin.

Vollweiler, Ernest Henry, 1893—

The action of acid halides on aldehydes and ketones . . .
[Easton, Pa., 1918] 19, [1] p.

University of Illinois, 1918, PH. D.

"Reprinted from the Journal of the American chemical society, vol. XL, no. 11, p. 1732."

Voss, Vivian, 1894—

The ratio of the intensities of the D lines of sodium . . .
[Lancaster, Pa., Press of the New era printing company, 1918]
1 p. l., p. [21]—28, 1 l.

Johns Hopkins university, 1917, PH. D.

"Reprinted from the Physical review, n. s., vol. XI, no. 1, January, 1918."

Waksman, Selman Abraham, 1888—

Studies on proteolytic activities of soil microorganisms
. . . [Baltimore, 1918] 2 pt.

University of California, 1917, PH. D.

Reprints from the Journal of bacteriology, vol. III, no. 5, September, 1918; no. 6, November, 1918, issued as thesis, with thesis t.-p. mounted on cover of pt. 1.

[Pt. 1] has title: Studies on proteolytic activities of soil microorganisms, with special reference to *Fungi*. [Pt. 2] Studies on the proteolytic enzymes of soil *Fungi* and *Actinomyces*.

Warner, Earle Horace, 1889—

The pressure increase in the corona . . . Lancaster, Pa.,
Press of the New era printing company, 1918. 17, [1] p.

University of Illinois, 1918, PH. D.

"Reprinted from the Physical review, n. s., vol. VIII., no. 3, September, 1916; and vol. X., no. 5, November, 1917."

Waynick, Dean David, 1891—

The chemical composition of the plant as further proof
of the close relation between antagonism and cell permeability . . . [Berkeley, 1918] cover-title, p. [135]—242.

University of California, 1917, PH. D.

University of California publications in agricultural sciences, v. 3, no. 8, July 12, 1918, with a special thesis t.-p. dated May, 1917, attached to the cover-title.

Weatherwax, Paul.

The evolution of maize . . . [New York, 1918] cover-
title, p. 309—342.

Indiana university, 1918, PH. D.

Without thesis note.

"Reprinted . . . from the Bulletin of the Torrey botanical club 45 . . .
September 9, 1918."

Weiland, Henry Joseph.

The measurement of the conductivity of electrolytes in very dilute solutions . . . [Urbana? 1918] 25, [1] p.

University of Illinois, 1917, PH. D.

Weinstein, Alexander, 1893-

Coincidence of crossing over in *Drosophila melanogaster* (*Ampelophila*) . . . [Princeton, N. J., 1918] cover-title, p. [135]-159.

Columbia university, 1917, PH. D.

"Reprinted from Genetics 3 . . . March, 1918."

Weinstein, Israel.

Extracts of antibodies obtained from specific precipitates of typhoid-antityphoid serum complex . . . [Baltimore, 1918] cover-title, p. 17-33.

New York university, 1917, D. SC.

"From the laboratory of bacteriology and hygiene, New York university, New York city."

"Reprinted from the Journal of immunology, vol. III. no. 1, January, 1918."

Weiss, Charles.

. . . The properties of pneumotoxin and its probable function in the pathology of lobar pneumonia . . . [Boston, 1918] 2 p. l., p. 103-122.

University of Pennsylvania, 1918, PH. D.

With a t.-p. and dedication [1919?] prefixed.

"Reprinted from the Journal of medical research, vol. XXXIX, no. 1, September, 1918."

Welo, Lars Alvin, 1888-

On the variations of the photo-electric current due to heating and the occlusion and emission of gases . . . [Ithaca, N. Y., 1918] cover-title, p. [251]-276.

University of California, 1918, PH. D.

Reprint from the Physical review, n. s., vol. XII, no. 4, October, 1918, with a special thesis t.-p. dated May, 1918, attached to the cover-title.

Weniger, Wanda.

. . . Fertilization in *Lilium* . . . [Chicago, 1918] 1 p. l., p. 259-268.

University of Chicago, 1918, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Botanical gazette, vol. LXVI, no. 3, September 1918."

"Contributions from the Hull botanical laboratory 243."

White, Edith Grace, 1890-

. . . The origin of the electric organs in *Astroscopus guttatus* . . . [Washington, D. C., 1918] p. [139]-172.

Columbia university, 1918, PH. D.

"Extracted from Publication no. 252 of the Carnegie institution of Washington, 1918."

Whiteford, Gilbert Hayes, 1876-

A study of the decomposition of silicates by barium salts . . . Fort Collins, Colo., Courier press [1918] 26 p.

Johns Hopkins university, 1917, PH. D.

Wilson, William Harold, 1892-

On a certain general class of functional equations . . . [Baltimore, 1918] 2 p. l., 20 p., 1 l.

University of Illinois, 1917, PH. D.

Reprinted from American journal of mathematics, v. 40, no. 3, July, 1918, p. 263-282.

Woods, William Colcord, 1893-

The biology of alder flea-beetle . . . [Orono, Me., 1917] 1 p. l., p. [249]-284.

Cornell university, 1917, PH. D.

Pt. I of thesis.

"Reprinted from Bulletin 265 of the Maine agricultural station."

Woods, William Colcord, 1893-

The alimentary canal of the larva of the alder flea-beetle . . . [Columbus, O., 1918] 1 p. l., p. 283-313.

Cornell university, 1917, PH. D.

Pt. II of thesis.

"Reprinted from the Annals of the Entomological society of America, vol. XI, no. 3, September, 1918."

Woodward, Alvalyn Eunice, 1884

Studies on the physiological significance of certain precipitates from the egg secretions of *Arbacia* and *Asterias* . . . [Baltimore, 1918] 1 p. l., p. 459-501.

University of Michigan, 1918, PH. D.

"Reprinted from the Journal of experimental zoölogy, volume 26, number 3, August, 1918."

"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, June 24."

Wright, Winthrop Robins, 1888—

The magnetization of iron in the absence of hysteresis . . .
[Lancaster, Pa., and Ithaca, N. Y., 1918] cover-title,
p. 161-169.

University of Michigan, 1917, PH. D.

"Reprinted from the Physical review, n. s., vol. XI, no. 3, March, 1918."

Yocom, Harry Barclay, 1888—

The neuromotor apparatus of *Euplotes patella* . . .
[Berkeley, 1918] cover-title, p. [337]-396.

University of California, 1917, PH. D.

University of California publications in zoology, v. 18, no. 14, September 7, 1918, with special thesis t.-p. dated December, 1917, attached to the cover-title.

Young, Charles Otis.

Tetrabromophthalic acid and some derivatives of tetrabromophthalimide . . . Pittsburgh, Pa., 1918. 16 p.

University of Pittsburgh, , PH. D.

"Reprinted from the Journal of the American chemical society, September, 1918."

Young, Vive Hall.

Some factors affecting inulase formation in *Aspergillus niger* . . . [Baltimore, 1918] cover-title, p. 75-87, 114-133.

University of Wisconsin, 1916, PH. D.

Thesis note stamped on cover.

"Reprinted from the Plant world, vol. 21, nos. 4 and 5, April and May, 1918."

Medicine

(Class R)

Benda, Theodore.

Mental factors in the causation, cure and prevention of disease . . . [Worcester? Mass., 1918] 90 p.

Clark university, 1917, PH. D.

Cornell, Ethel Letitia, 1892—

A new clinical test for temperature sensitivity, a contribution to the study of temperature reaction in nervous diseases based on the reaction to simultaneous cold and

hot stimulation . . . New York, P. B. Hoeber, 1918.
1 p. l., 119-158, 335-372 p., 1 l.

Columbia university, 1919, PH. D.

"Reprinted from vol. I, no. 3 . . . and vol. I, no. 9 . . . The Neurological bulletin . . . 1918."

Eberson, Frederick, 1892-

A bacteriologic study of the diphtheroid organisms with special reference to Hodgkin's disease . . . New York city, 1918. 56 p.

Columbia university, 1918, PH. D.

Florence, Philip Sargent, 1890-

Use of factory statistics in the investigation of industrial fatigue, a manual for field research . . . New York, 1918. 156 p.

Columbia university, 1918, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university. vol. LXXXI, no. 3; whole no. 190.

Good, Harry Gehman, 1880-

. . . Benjamin Rush and his services to American education . . . Berne, Ind., Witness press [1918] x, 283 p.

University of Pennsylvania, 1915, PH. D.

Published also without thesis note.

Hixson, Arthur Warren, 1880-

A study of the conditions essential for the commercial manufacture of carvacrol . . . New York city, 1918.
2 p. l., 27, [1] p.

Columbia university, 1918, PH. D.

McWhorter, Golder Louis, 1888-

Some clinical and experimental observations on gastric acidity use of the gas-chain method . . . [Philadelphia, etc., 1918] cover-title, 13 p.

University of Minnesota. 1918, PH. D.

Slip with thesis note mounted on p. 2 of cover.

"From the American journal of the medical sciences, May, 1918, no. 5, vol. CLV, p. 672."

Moral, José D., 1885-

The action of certain antiseptics, toxic salts, and alkaloïds on the bacteria and protozoa of the intestine of the rabbit . . . [New York? 1918] 12 p.

Columbia university, 1918, PH. D.

Woltman, Henry William, 1889-

Brain changes associated with pernicious anemia . . . Chicago, American medical association, 1918. cover-title, 56 p.

University of Minnesota, 1917, PH. D.

"Reprinted from the Archives of internal medicine, June, 1918, vol. xxi, pp. 791-838."

Agriculture—Plant and Animal Industry, etc.

(Class S)

Artschwager, Ernst Friedrich, 1889-

Anatomy of the potato plant, with special reference to the ontogeny of the vascular system . . . [Washington, D. C., 1918] 1 p. l., p. 221-252.

Cornell university, 1918, PH. D.

"Reprinted from Journal of agricultural research, vol. xiv, no. 6, Washington, D. C., August 5, 1918."

Bakke, Arthur Laurence.

. . . Determination of wilting . . . [Chicago, 1918] 1 p. l., p. 81-116.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Botanical gazette, vol. lxxvi, no. 2, August, 1918."

"Contributions from the Hull botanical laboratory 241."

Bradley, Harriett, 1892-

The enclosures in England, an economic reconstruction . . . New York, 1918. 3 p. l., 9-113 p.

Columbia university, 1917, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. lxxx, no. 2, whole no. 186.

Breitenbecher, Joseph Kumler.

. . . The relation of water to the behavior of the potato beetle in a desert . . . [Washington, 1918] 2 p. l., p. 343-384.

University of Chicago, 1913, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from Publication 263 of the Carnegie institution of Washington."

Carsner, Eubanks.

Angular-leafspot of cucumber: dissemination, over-wintering and control . . . Washington, Govt. print. off., 1918. cover-title, p. 201-220, 3 l.

University of Wisconsin, 1917, PH. D.

Thesis note stamped on cover.

"Reprinted from Journal of agricultural research, vol. xv, no. 3 . . . October 21, 1918."

Clothier, Robert Waitman, 1871-

Farm organization in the irrigated valleys of southern Arizona . . . [Washington, D. C., 1918] cover-title, 4, 59, [1], 13, [1] p.

George Washington university, 1917, PH. D.

A reissue of United States Department of agriculture Bulletin no. 654, June 14, 1918, with 2 preliminary leaves and Addenda: Review of literature bearing on the subject (13, [1] p.)

Curtis, Otis Freeman, 1888-

Stimulation of root growth in cuttings by treatment with chemical compounds . . . [Ithaca, 1918] 1 p. l., p. 71-138.

Cornell university, 1916, PH. D.

"Reprinted from Memoir no. 14, August, 1918, of Cornell university agricultural experiment station."

Fenton, Frederick Azel, 1893-

The parasites of leaf-hoppers, with special reference to biology of the *Anteoninae* . . . [Columbus, O.] 1918. cover-title, [84] p.

(Ohio state university. Contributions from the Department of zoology and entomology. no. 51)

Ohio state university, 1918, PH. D.

Without thesis note.

Reprinted from the Ohio journal of science, vol. xviii, no. 6, p. 177-212; no. 7, p. 243-278; no. 8, p. 285-296.

Gardner, Max William, 1890—

. . . Anthracnose of cucurbits . . . Washington, Govt. print. off., 1918. cover-title, 68 p.

(U. S. Dept. of agriculture. Bulletin no. 727. Professional paper)

University of Wisconsin, 1917, PH. D.

Thesis note stamped on cover.

Giddings, Nahum James, 1883—

. . . Infection and immunity in apple rust . . . [Morgantown, W. Va., 1918] 71 p.

(West Virginia university agricultural experiment station . . . Bulletin 170, December, 1918)

University of Wisconsin, 1918, PH. D.

Thesis note stamped on t.-p.

Harvey, Rodney Beecher, 1890—

. . . Hardening process in plants and developments from frost injury . . . [Washington, 1918] 1 p. l., p. 83-112.

University of Chicago, 1918, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Journal of agricultural research, vol. xv, no. 2, October, 1918."

Hawley, Ira Myron, 1884—

Insects injurious to the hop in New York, with special reference to the hop grub and the hop redbug . . . [Ithaca, N. Y., 1918] 1 p. l., p. 143-224.

Cornell university, 1916, PH. D.

Published as Cornell university agricultural experiment station Memoir 15, November, 1918.

Henderson, Martin Perry.

. . . The black-leg disease of cabbage caused by *Phoma lingam* (Tode) Desmaz . . .

(In Phytopathology, official organ of the American phytopathological society. Baltimore, 1918. v. 8, no. 8, p. [379]-431)

University of Wisconsin, 1914, PH. D.

Thesis note stamp added to caption title, p. [379] and also on cover

Hills, Thomas Lawrence, 1890—

Influence of nitrates on nitrogen-assimilating bacteria . . . Washington, Govt. print. off., 1918. cover-title, p. 183-230.

University of Wisconsin, 1917, PH. D.

Thesis note stamped on cover; also found in foot-note on p. 183.

"Reprinted from Journal of agricultural research, vol. xii, no. 4 . . . January 28, 1918."

Hughes, Josiah Simpson, 1884—

. . . Some nutritive properties of corn . . . Topeka, Kansas state printing plant, W. R. Smith, state printer, 1918. cover-title, 3-39 p.

(Agricultural experiment station, Kansas state agricultural college. Technical bulletin no. 5)

Ohio state university, 1917, PH. D.

Thesis note is a foot-note on p. 5.

Kendall, John Norman, 1891—

Abscission of flowers and fruits in the *Solanaceae*, with special reference to *Nicotiana* . . . [Berkeley, 1918] cover-title, p. [347]-428.

University of California, 1917, PH. D.

University of California publications in botany, v. 5, no. 12, March 6, 1918, with a special thesis t.-p. dated May, 1917, attached to the cover-title.

Kiesselbach, Theodore Alexander.

Studies concerning the elimination of experimental error in comparative crop tests . . . [Lincoln ? 1918] 95 p.

University of Nebraska, , PH. D.

"Reprint from Nebraska agricultural experiment station Research bulletin no. 13."

Kraus, Ezra Jacob, 1885—

Vegetation and reproduction with special reference to the tomato . . . by Ezra Jacob Kraus and Henry Reist Kraybill . . . [Corvallis, Or., 1918] 2 p. l., 3-90 p.

University of Chicago, 1917, PH. D.

"This bulletin is the result of the cooperative efforts of Messrs. Kraus and Kraybill and has been submitted by them in fulfillment of the thesis requirements for the degree of doctor of philosophy from the University of Chicago."

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from station bulletin 149, Oregon agricultural college, January, 1918."

Kraybill, Henry Reist see Kraus, Ezra Jacob.**Lindstrom, Ernest Walter, 1891—**

Chlorophyll inheritance in maize . . . [Ithaca, 1918] 68 p.

Cornell university, 1918, PH. D.

"Reprint from the Cornell university experiment station Memoir 13, August, 1918."

"Paper no. 65, Department of plant breeding, Cornell university, Ithaca, New York."

Roberts, John William.

. . . The sources of apple bitter-rot infections . . .
Washington [Govt. print. off.] 1918. 26 p.

(U. S. Dept. of agriculture. Bulletin no. 684. (Professional paper))

George Washington university, 1917, PH. D.

Thesis note stamped on p. 1.

Rost, Clayton Ord, 1885-

Parallelism of the soils developed on the gray drifts of
Minnesota . . . [Minneapolis ?] 1918. 68 p.

University of Minnesota, 1918, PH. D.

Swaine, James Malcolm, 1878-

Canadian bark-beetles, a preliminary classification, with
an account of the habits and means of control . . . [Ot-
tawa, 1918] 2 p. l., 3-143 p.

Cornell university, 1919, PH. D.

"Reprinted from Canadian Department of agriculture, Entomological
branch, Bulletin 14, part II, 1918."

Tressler, Donald Kiteley, 1894-

Solubility of soil potash in various salt solutions . . .
[Baltimore, 1918] 1 p. l., p. 237-257.

Cornell university, 1918, PH. D.

"Reprinted from Soil science, vol. 6, no. 3, September, 1918."

Valleau, William Dorney, 1891-

Sterility in the strawberry . . . Washington, Govt.
print. off., 1918. cover-title, p. 613-670.

University of Minnesota, 1917, PH. D.

Thesis note mounted on p. 2 of cover.

"Reprinted from Journal of agricultural research, vol. XII, no. 10, Wash-
ington, D. C., March 11, 1918."

Waldron, Ralph Augustus.

The peanut (*Arachis hypogea*); its history, histology,
physiology, and utility . . . Philadelphia, Pa., 1918.
cover-title, p. [301]-338.

University of Pennsylvania, 1918, PH. D.

Reprinted from University of Pennsylvania Botanical contributions,
vol. IV.

Weatherwax, Paul.

The evolution of maize . . . [New York, 1918] cover-title, p. 309-342.

Indiana university, 1918, PH. D.

Without thesis note.

"Reprinted . . . from the Bulletin of the Torrey botanical club 45 . . . September 9, 1918."

Wells, Bertram Whittier.

. . . The zooecidia of northeastern United States and eastern Canada . . . [Chicago, 1918] 1 p. l., p. 535-542.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Botanical gazette, vol. LXV, no. 6, June, 1918."

"Contributions from the Hull botanical laboratory 239."

White, Earl Archibald, 1883-

A study of the plow bottom and its action upon the furrow slice . . . [Washington, D. C., 1918] 1 p. l., 149-182 p., 1 l., [2] p., 1 l.

Cornell university, 1917, PH. D.

"Reprinted from Journal of agricultural research, vol. XII, no. 4, January 28, 1918."

Wiggans, Cleo Claude, 1889-

. . . A study of some factors influencing fruitfulness in apples . . . Columbia, University of Missouri, 1918. 60 p.

University of Missouri, 1918, PH. D.

Reprinted from the Missouri agricultural experiment station Research bulletin 32.

Wilson, Benjamin Dunbar, 1888-

The translocation of calcium in a soil . . . [Ithaca, N. Y., 1918] 1 p. l., p. 295-324.

Cornell university, 1918, PH. D.

"Reprinted from Memoir 17, December, 1918, of Cornell university agricultural experiment station."

Technology

(Class T)

Beatty, Albert James, 1871-

A comparative study of corporation schools as to their organization, administration, and methods of instruction . . . [Urbana? 1918] 116 p.

University of Illinois, 1917, PH. D.

Broderick, Thomas M., 1889-

The relation of the titaniferous magnetite deposits of northeastern Minnesota to the Duluth gabbro . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., p. 663-696, 35-49.

University of Minnesota, 1917, PH. D.

Reprinted from Economic geology, vol. XII, no. 8, December, 1917; vol. XIII, no. 1, January, 1918.

Chen, Phoo Hwa, 1889-

An investigation of comparative deflections of steel arch ribs with three, two and no hinges . . . [Ithaca, N. Y., 1918] 2 p. l., 24 p.

Cornell university, 1917, PH. D.

Abstract of thesis.

"Reprinted from the Cornell civil engineer, vol. XXVI, pp. 184, 229, Feb. Mar., 1918."

Hughes, Josiah Simpson, 1884-

. . . Some nutritive properties of corn . . . Topeka, Kansas state printing plant, W. R. Smith, state printer, 1918. cover-title, 3-39 p.

(Agricultural experiment station, Kansas state agricultural college. Technical bulletin no. 5)

Ohio state university, 1917, PH. D.

Thesis note is a foot-note on p. 5.

Layng, Thomas Ernest.

Low temperature carbonization of coal and a study of the resulting tars . . . [Urbana? 1918] 34, [2] p.

University of Illinois, 1915, PH. D.

Mohlman, Floyd William.

The activated-sludge method of sewage treatment . . . [Urbana? 1918] 43, [1] p.

University of Illinois, 1916, PH. D.

Nagler, Floyd August, 1892-

Verification of the Bazin weir formula by hydro-chemical gaugings . . . [New York, 1918] cover-title, p. [3]-54.

University of Michigan, 1917, PH. D.

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SECTION III

INDEX OF SUBJECTS

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 Connecticut: 254.
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 Public utilities: 17.
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 Railroads: 17, 299.
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SECTION IV

ALPHABETICAL LIST, BY UNIVERSITY, OF
DOCTORS WHOSE THESES WERE
PRINTED IN 1918

With Supplementary Lists, 1914, 1916, and 1917

ALPHABETICAL LIST BY UNIVERSITY 1914, FOURTH SUPPLEMENT

The date following the name indicates year degree was conferred.

BRYN MAWR COLLEGE

Harmon, Esther, 1912.

ALPHABETICAL LIST BY UNIVERSITY 1916, SECOND SUPPLEMENT

The date following the name indicates year degree was conferred.

COLUMBIA UNIVERSITY

Ferguson, Maxwell.

UNIVERSITY OF ILLINOIS

Clark, Helen, 1916.

INDIANA UNIVERSITY

Hufford, Mason Edward, 1916.

UNIVERSITY OF NEBRASKA

Luckey, Bertha Musson, 1916.

UNIVERSITY OF WISCONSIN

Coulter, Ellis Merton, 1917.

YALE UNIVERSITY

Harris, Lynn Harold, 1914.

ALPHABETICAL LIST BY UNIVERSITY 1917, SUPPLEMENT

The date following the name indicates year degree was conferred.

UNIVERSITY OF CHICAGO

Nichols, Harold William, 1919.

COLUMBIA UNIVERSITY

Keddy, John Lewis, 1919.

INDIANA UNIVERSITY

Jackson, Thomas Franklin, 1916.

UNIVERSITY OF MINNESOTA

Dodson, John Dillingham, 1918.

RADCLIFFE COLLEGE

Spring, Evelyn, 1915.

UNIVERSITY OF WISCONSIN

Blankenagel, John Carl, 1915.

ALPHABETICAL LIST BY UNIVERSITY, 1918

The date following the name indicates year degree was conferred; absence of date signifying that so far as our records show degree is not yet granted.

BRYN MAWR COLLEGE

Haseman, Mary Gertrude, 1918. Pinney, Mary Edith, 1918.

UNIVERSITY OF CALIFORNIA

Abbott, Raymond Barrington, 1919.	Essenberg, Christine Elizabeth, 1917.
Barrows, Albert Lloyd, 1917.	Estcourt, Rowland Metzner, 1916.
Bichowsky, Francis Russell von, 1916.	Kendall, John Norman, 1917.
Bovard, John Freeman, 1917.	Keyes, Donald Babcock, 1917.
Bridgman, Olga Louise, 1915.	Rodebush, Worth Huff, 1917.
Brighton, Thomas Bow, 1917.	Stock, Chester, 1917.
Clark, Guy Wendell, 1918.	Waksman, Selman Abraham, 1917.
Davidson, Gordon Charles, 1916.	Waynick, Dean David, 1917.
Davis, Elmer Fred, 1917.	Welo, Lars Alvin, 1918.
Eastman, Ermon Dwight, 1917.	Yocum, Harry Barclay, 1917.

CATHOLIC UNIVERSITY OF AMERICA

Bast, Victor August, 1918.	Noel, Francis Regis, 1918.
Brockbank, Thomas William, 1918.	Ramler, Otto Joseph, 1918.
Heider, Andrew Bernard, 1918.	Roesch, <i>Sister</i> Mary Jeanette, 1918.
McCann, Mary Agnes, <i>sister</i> , 1918.	Schuetz, John Joseph, 1918.
Michel, Virgil G.	

UNIVERSITY OF CHICAGO

Aronberg, Lester, 1917.	Harvey, Rodney Beecher, 1918.
Ayes, Clarence Edwin, 1917.	Hays, Heber Michel, 1915.
Bakke, Arthur Laurence, 1917.	Henderson, Lawrence Melvin, 1916.
Beardslee, John Walter, 1913.	Hoashi, Riichiro, 1917.
Behre, Ellinor Helene, 1918.	Hobson, Elsie Garland, 1916.
Breitenbecher, Joseph Kumler, 1913.	House, Roy Temple, 1917.
Buchholz, John Theodore, 1917.	Huber, Harry Lee, 1917.
Burwash, Edward Moore Jackson, 1915.	Knox, John Knox, 1917.
Cohn, Edwin Joseph, 1917.	Koller, Armin Hajman, 1911.
Derieux, John Bewley, 1919.	Kraus, Ezra Jacob, 1917.
Dudgeon, Winfield Scott, 1917.	Kraybill, Henry Reist, 1917.
Fortune, Alonzo Willard, 1915.	Leman, Edwin Daniel, 1915.
Fukuya, Shoan Masuzo, 1917.	Miller, Edward Alanson, 1915.
Grant, Elmer Daniel, 1916.	Mullinix, Raymond David, 1918.
Hanke, Milton Theodore, 1917.	Nourse, Edwin Griswold, 1915.
	Parkins, Almon Ernest, 1914.

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|---------------------------------|--------------------------------|
| Porter, Kirk Harold, 1918. | Stuart, Henry Waldgrave, 1900. |
| Rees, Maurice Holmes, 1917. | Tarr, William Arthur, 1916. |
| Reuter, Edward Byron, 1919. | Visher, Stephen Sargent, 1914. |
| Robbins, Wilfred William, 1917. | Wardle, Addie Grace, 1915. |
| Sampson, Homer Cleveland, 1917. | Watson, Arthur Clinton, 1915. |
| Slaten, Arthur Wakefield, 1916. | Wearing, Thomas, 1917. |
| Smith, Herbert Johnson, 1917. | Wells, Bertram Whittier, 1917. |
| Sperry, Pauline, 1916. | Weniger, Wanda, 1918. |

CLARK UNIVERSITY

- | | |
|-------------------------------|---------------------------------|
| Benda, Theodore, 1917. | Mateer, Florence, 1916. |
| Campbell, Ivy Gertrude, 1914. | Peck, Edward Bates, 1917. |
| McDougle, Ivan Eugene, 1918. | Smith, Frederick Madison, 1916. |

COLUMBIA UNIVERSITY

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| Alexander, Thomas, 1918. | Kraeling, Emil Gottlieb Heinrich,
1917. |
| Balz, Albert George Adam, 1916. | Kruse, Paul Jehu, 1918. |
| Barnes, Harry Elmer, 1918. | Lamprecht, Sterling Power, 1918. |
| Beckwith, Martha Warren, 1918. | Le Duc, Alma de Lande, 1916. |
| Beegle, Frank Moore, 1918. | Leffingwell, Georgia Williams, 1918. |
| Blanchard, Julian, 1917. | Lowe, Boutelle Ellsworth, 1918. |
| Bradley, Harriett, 1917. | Lowrey, Lawrence Tyndale, 1917. |
| Childs, Hubert Guy, 1918. | McEwen, Robert Stanley, 1917. |
| Coombs, Helen Copeland, 1918. | Maddox, William Arthur, 1918. |
| Cornell, Ethel Letitia, 1919. | Marcus, Joseph K., 1918. |
| Davidson, Joseph George, 1918. | Mead, Arthur Raymond, 1918. |
| Dawson, Andrew Ignatius, 1918. | Messer, William Stuart, 1918. |
| Dushkin, Alexander Mordecai, 1918. | Moley, Raymond, 1918. |
| Ebersson, Frederick, 1918. | Moral, José D., 1918. |
| Engelhardt, Nickolaus Louis, 1918. | Noble, Stuart Grayson, 1918. |
| Florence, Philip Sargent, 1918. | Northcott, Clarence Hunter, 1918. |
| Foster, Finley Melville Kendall,
1918. | Powell, Fred Wilbur, 1918. |
| Fox, Dixon Ryan, 1917. | Robinson, Mabel Louise, 1916. |
| Fundenburg, George Baer, 1919. | Rogers, Agnes Low, 1917. |
| Garth, Thomas Russell, 1918. | Rowland, William Tingle. |
| Gowin, Enoch Burton, 1918. | Sell, Lewis Lazarus, 1918. |
| Hale, Robert Lee, 1918. | Stauffer, Vernon, 1918. |
| Harvitt, Hélène Josephine, 1913. | Swann, Harvey Julian, 1918. |
| Higby, Chester Penn, 1919. | Tai, En-Sai, 1918. |
| Hixson, Arthur Warren, 1918. | Thurston, Henry Winfred, 1918. |
| Hotz, Henry Gustave, 1918. | Tucker, Robert Leonard, 1918. |
| Huang, Han Liang, 1918. | Ulrey, Clayton T., 1918. |
| Johnson, Franklin, 1918. | Vaeth, Joseph Anthony, 1917. |
| Kahn, Lina, 1916. | Weinstein, Alexander, 1917. |
| Kent, Raymond Asa, 1917. | White, Edith Grace, 1918. |
| Kester, Roy Bernard, 1919. | Zeydel, Edwin Hermann, 1918. |

CORNELL UNIVERSITY

- | | |
|-------------------------------------|--|
| Adamson, William Augustus, 1917. | Hawley, Ira Myron, 1916. |
| Artschwager, Ernst Friedrich, 1918. | Lindstrom, Ernest Walter, 1918. |
| Bowen, Ray Preston, 1916. | MacDaniels, Laurence Howland,
1917. |
| Bridgman, J. Allington, 1917. | |
| Brown, Thomas Benjamin, 1916. | Mahood, Samuel Arthur, 1917. |
| Chapman, Royal Norton, 1917. | Martin, Asa Earl, 1915. |
| Chen, Phoo Hwa, 1917. | Nakahara, Waro, 1918. |
| Cole, Howard Irving, 1917. | Ray, Arthur Benning, 1916. |
| Curtis, Otis Freeman, 1916. | Swaine, James Malcolm, 1919. |
| De Porte, Joseph Vital, 1916. | Tressler, Donald Kiteley, 1918. |
| Douglas, Gertrude Elizabeth, 1917. | Veazey, John Armor. |
| Friedline, Cora Louisa, 1918. | White, Earl Archibald, 1917. |
| Gaehr, Paul Frederick, 1918. | Wilson, Benjamin Dunbar, 1918. |
| Garrett, Mitchell Bennett, 1910. | Woods, William Colcord, 1917. |
| Goudge, Mabel Ensworth, 1914. | |

GEORGE WASHINGTON UNIVERSITY

- | | |
|---------------------------------|------------------------------|
| Blumberg, Alfred, 1917. | Rathbun, Mary Jane, 1917. |
| Clothier, Robert Waitman, 1917. | Roberts, John William, 1917. |
| Pierce, William Dwight, 1917. | Stout, Joseph Duerson, 1915. |

HARVARD UNIVERSITY

- | | |
|-------------------------------|---------------------------|
| Greene, William Chase, 1917. | Lutz, Harley Leist, 1914. |
| Haring, Clarence Henry, 1916. | |

UNIVERSITY OF ILLINOIS

- | | |
|------------------------------------|----------------------------------|
| Baldwin, Francis Marsh, 1917. | Pasmore, Daniel Frederick, 1917. |
| Beatty, Albert James, 1917. | Rees, Edwin Arthur, 1918. |
| Crooker, Sylvan Jay, 1917. | Roberts, Elmer, 1917. |
| Faust, Ernest Carroll, 1917. | Sabin, Ethel Ernestine, 1916. |
| Hebbert, Clarence Mark, 1917. | Scholl, Clarence, 1916. |
| Hess, Ray Washington, 1916. | Skinner, Glenn Seymour, 1917. |
| Hicks, John Frederick Gross, 1918. | Stowell, Charles Jacob, 1917. |
| Higley, Ruth, 1917. | Tanner, Fred Wilbur, 1916. |
| Kremers, Harry Cleveland, 1917. | Vollweiler, Ernest Henry, 1918. |
| Layng, Thomas Ernest, 1915. | Wang, Ching Chun, 1911. |
| Mohlman, Floyd William, 1916. | Warner, Earle Horace, 1918. |
| Newell, Anna Grace, 1916. | Weiland, Henry Joseph, 1917. |
| Parr, Rosalie Mary, 1916. | Wilson, William Harold, 1917. |

INDIANA UNIVERSITY

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| Weatherwax, Paul, 1918. | Wooley, Elmer Otto, 1915. |
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UNIVERSITY OF IOWA

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| Boyce, Myrna M., 1917. | Job, Theistle Theodore, 1917. |
| Butterworth, Julian Edward, 1911. | Mortimer, Franklin Spencer, 1917. |
| Chang, Tso-Shuen, 1917. | Pollock, Ivan Lester, 1917. |
| Gallaher, Ruth Augusta, 1918. | |

JOHNS HOPKINS UNIVERSITY

- | | |
|---------------------------------|---------------------------------|
| Bramble, Charles Clinton, 1917. | Morimoto, Kokichi, 1916. |
| Campion, John Leo, 1917. | Musselman, John Rogers, 1916. |
| Freas, Raymond, 1917. | Rawlins, Charles Henry, 1916. |
| Greenfield, Kent Roberts, 1915. | Root, Francis Metcalf, 1917. |
| Hamilton, Arthur, 1914. | Schaffer, Aaron, 1917. |
| Howell, Roger, 1917. | Stockett, Joseph Noble, 1916. |
| Kelly, Caleb Guyer, 1916. | Voss, Vivian, 1917. |
| Mohler, Fred Loomis, 1917. | Whiteford, Gilbert Hayes, 1917. |

LELAND STANFORD JUNIOR UNIVERSITY

- Ulrey, Dayton L., 1917.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

- | | |
|--------------------------------|-------------------------------|
| Felsing, William August, 1918. | Kenney, Arthur Webster, 1918. |
| Freed, Edgar Stanley, 1918. | |

UNIVERSITY OF MICHIGAN

- | | |
|------------------------------------|---------------------------------|
| Atwell, Wayne Jason, 1917. | Sleator, William Warner, 1917. |
| Curtis, George Morris, 1914. | Snell, Ada Laura Fonda, 1916. |
| Garretson, William Van Nest, 1916. | Snyder, Alice Dorothea, 1915. |
| Ludwig, Clinton Albert, 1917. | Van den Broek, John A., 1918. |
| Nagler, Floyd August, 1917. | Woodward, Alvalyn Eunice, 1918. |
| Robinson, Charles Summers, 1917. | Wright, Winthrop Robins, 1917. |

UNIVERSITY OF MINNESOTA

- | | |
|--------------------------------|--------------------------------|
| Broderick, Thomas M., 1917. | Rost, Clayton Ord, 1918. |
| Folsom, Donald, 1917. | Stewart, Chester Arthur, 1918. |
| Foote, Paul Darwin, 1917. | Taylor, Rood, 1917. |
| McWhorter, Golder Louis, 1918. | Valleau, William Dorney, 1917. |
| Norlie, Olaf Morgan, 1908. | Woltman, Henry William, 1917. |

UNIVERSITY OF MISSOURI

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|-----------------------------|-----------------------------|
| Thrun, Walter Eugene, 1917. | Wiggans, Cleo Claude, 1918. |
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UNIVERSITY OF NEBRASKA

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|-----------------------------|----------------------------------|
| Cornell, Clare Brown, 1915. | Kiesselbach, Theodore Alexander. |
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NEW YORK UNIVERSITY

- | | |
|--------------------------|------------------------------|
| Blechman, Nathan, 1917. | Taylor, John Prentice, 1917. |
| Kahn, Reuben Leon, 1916. | Weinstein, Israel, 1917. |

NORTHWESTERN UNIVERSITY

- Larsell, Olof, 1918.

OHIO STATE UNIVERSITY

- | | |
|-------------------------------|-------------------------------|
| Adkins, Homer Burton, 1918. | Hughes, Josiah Simpson, 1917. |
| Bock, Carl William, 1917. | McCrosky, Carl Raymond, 1918. |
| Fenton, Frederick Azel, 1918. | |

UNIVERSITY OF PENNSYLVANIA

- | | |
|---|---|
| Armstrong, A. Joseph, 1908. | Marvin, Donald Mitchell, 1918. |
| Barron, Mary Louise, 1917. | Mayer, Eli, 1918. |
| Beckerman, Harry, 1918. | Minnick, John Harrison, 1918. |
| Blancké, Wilton Wallace, 1916. | Moore, Charlotte, 1915. |
| Bossard, James Herbert, 1918. | Munro, Dana Gardner, 1917. |
| Bowman, Howard Hiestand Min-
nich, 1917. | Musser, John, 1912. |
| Brede, Charles Frederic, 1905. | Paschal, Franklin Cressey, 1918. |
| Burchett, Bessie Rebecca, 1913. | Paterson, Robert Gildersleeve, 1909. |
| Dodds, Harold Willis, 1917. | Peters, Charles Clinton, 1916. |
| Ellinger, Esther Parker, 1918. | Phinney, Chester Squire, 1918. |
| Ellingwood, Albert Russell, 1918. | Price, Henry Ferris, 1915. |
| Good, Harry Gehman, 1915. | Quimby, Mary Agnes, 1918. |
| Hamer, Philip May, 1918. | Ridgley, Frank Harris, 1916. |
| Hayward, Percy Roy, 1918. | Scholz, Karl William Henry, 1918. |
| Hollingsworth, William Wiley, 1918. | Shoemaker, Harry Melvin, 1918. |
| Holtzhausser, Clara A., 1918. | Vollmer, Clement, 1915. |
| Ide, Gladys Genevra, 1918. | Waldron, Ralph Augustus, 1918. |
| Jones, Paul Van Brunt, 1912. | Watkins, Gordon, 1918. |
| Kephart, Adam Perry, 1918. | Weiss, Charles, 1918. |
| Lefferts, Walter, 1918. | Wendel, Hugo Christian Martin,
1918. |
| Levi, Gerson Benedict, 1910. | Williams, Gertha, 1917. |
| Lonn, Ella, 1911. | Yerkes, Royden Keith, 1918. |

UNIVERSITY OF PITTSBURGH

- Young, Charles Otis.

PRINCETON UNIVERSITY

- | | |
|----------------------------------|---|
| Amy, Ernest Francis, 1914. | Henderson, Walter Brooks Drayton, 1915. |
| Baldwin, Thomas Whitfield, 1916. | |
| Furman, Nathaniel Howell, 1917. | Lockert, Charles Lacy, 1916. |
| Gordon, Newell Trimble, 1919. | Pratt, Frank Randall, 1917. |
| Harding, Earle Atherton, 1918. | Shafer, Samuel Robert, 1916. |
| | Stewart, John Quincy, 1919. |

UNIVERSITY OF VIRGINIA

- Jacob, Cary Franklin, 1917.

WASHINGTON UNIVERSITY, ST. LOUIS

- Bonns, Walter Weidenfeld, 1918.

UNIVERSITY OF WISCONSIN

- | | |
|------------------------------------|------------------------------------|
| Andrews, John Bertram, 1908. | Muttkowski, Richard Anthony, 1916. |
| Brandenburg, George Clinton, 1915. | |
| Brann, Albert, 1918. | Nelson, Thurlow Christian, 1917. |
| Carsner, Eubanks, 1917. | Paine, George Porter, 1918. |
| Cotterill, Robert Spencer, 1919. | Perlman, Selig, 1915. |
| Eller, William Henri, 1916. | Putnam, James William, 1909. |
| Fulmer, Henry Luman, 1917. | Quigley, Harold Scott, 1916. |
| Gardner, Max William, 1917. | Schuette, Henry August, 1916. |
| Giddings, Nahum James, 1918. | Sumner, Helen Laura, 1908. |
| Henderson, Martin Perry, 1914. | Wann, Louis, 1919. |
| Hills, Thomas Lawrence, 1917. | Whaling, Heiskell Bryan, 1915. |
| Morris, Harold Hulett, 1917. | Young, Vive Hall, 1916. |

YALE UNIVERSITY

- | | |
|-----------------------------|--------------------------------|
| Boström, Otto Henry, 1916. | Grout, Frank Fitch, 1917. |
| Bruce, Harold Lawton, 1915. | Hewitt, Theodore Brown, 1917. |
| Dunbar, Carl Owen, 1917. | McClugage, Harry Bruce, 1918. |
| Goad, Caroline Mabel, 1916. | Purcell, Richard Joseph, 1916. |

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