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176

## PREFATORY NOTE

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The following list of theses 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 October 1, 1917, are included in this list; theses received later will appear as a supplement to the list for 1917.

Supplementary lists of theses printed in 1912, 1913, 1914, and 1915 are prefixed. They are numbered continuously with the lists of 1912, 1913, 1914, and 1915 and distinguished in the subject index (Section III) by the addition of the date.

ALIDA M. STEPHENS

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**SUPPLEMENTARY LISTS OF THESES PRINTED  
IN 1912, 1913, 1914, AND 1915**

(Received too late for 1912, 1913, 1914, and 1915 lists)

SUPPLEMENTARY LISTS OF TREES PRINTED

IN 1912, 1913, 1914, AND 1915

(Received no new for 1916, 1917, and 1918)



## FOURTH SUPPLEMENTARY LIST OF THESES PRINTED IN 1912

(In continuation of first, second, and third supplementary lists prefixed to  
List of Theses printed in 1913, 1914, and 1915)

### 283 Howard, William Edward, 1866-

. . . The annual parallax of eight stars . . .

(In Indiana university studies. Bloomington, Ind., 1912. vol. 1,  
no. 14, p. 183-214)

Indiana university, 1909, PH. D.

Thesis note at bottom of p. 183.

17-15032

AS36.I4 vol. 1, no. 14

## THIRD SUPPLEMENTARY LIST OF THESES PRINTED IN 1913

(In continuation of first and second supplementary lists prefixed to List of  
Theses printed in 1914 and 1915)

### 280 Johnson, Charles Eugene, 1880-

The development of the prootic head somites and eye  
muscles in *Chelydra serpentina* . . . [Baltimore, 1913]  
1 p. l., p. 119-185.

University of Minnesota, 1912, PH. D.

"Reprinted from the American journal of anatomy, vol. 14, no. 2,  
January, 1913."

17-11864

QL959.J7

### 281 Rosenstein, Ludwig, 1886-

A study of indicators. 1. The ionization constant of  
phenolphthalein and the effect upon it of neutral salts.  
2. The ionization products from the salts of phenol-  
phthalein . . . [New York, 1912-13] cover-title, p.  
[1117]-1128, [1883]-1888.

University of California, 1914, PH. D.

Reprinted from the Journal of the American chemical society, vol.  
xxxiv, no. 9, September, 1912; vol. xxxv, no. 12, December, 1913.

Thesis t.-p. mounted on cover of the first reprint.

17-6381

QD77.R6



## SECOND SUPPLEMENTARY LIST OF THESES PRINTED IN 1914

(In continuation of first supplementary list prefixed to List of Theses  
printed in 1915)

- 311 Adams, Elliot Quincy, 1888-**  
 The color and ionization of crystal-violet . . . [New  
 York, 1914] cover-title, p. [1452]-1473.  
 University of California, 1914, PH. D.  
 "Reprinted from the Journal of the American chemical society,  
 vol. xxxvi, no. 7, July, 1914."  
 Thesis t.-p. mounted on cover of the reprint.  
 17-6382 QD341.H9A25
- 312 Bawden, William Thomas, 1875-**  
 . . . A study of occupations in the cloak, suit, and  
 skirt industry of Greater New York and an apprentice-  
 ship plan for cutters . . . New York city, 1914. 1 p. l.,  
 p. 109-191, 1 l.  
 Columbia university, 1914, PH. D.  
 Reprinted from Bulletin no. 147, U. S. Bureau of labor statistics,  
 Washington, D. C.  
 E 16-189
- 313 Buckborough, Siegel A., 1872-**  
 . . . The structure of maltose and its oxidation prod-  
 ucts with alkaline peroxide of hydrogen . . . Easton,  
 Pa., Eschenbach printing company, 1914. 15 p.  
 Northwestern university, 1915, PH. D.  
 17-1232 QD321.B9
- 314 Fansler Mrs. Harriott (Ely)**  
 The evolution of technic in Elizabethan tragedy . . .  
 Chicago, New York, Row, Peterson and company [1914]  
 5 p. l., 283 p., 2 l.  
 (New education series)  
 Columbia university, 1913, PH. D.  
 Published also without thesis note.  
 17-6372 PR658.T35F3 1914 a

## SUPPLEMENTARY LIST OF THESES PRINTED IN 1915

- 310 **Adams, Charles Christopher** 1873-  
 . . . The variations and ecological distribution of the  
 snails of the genus *Io* . . . [Chicago, 1915] 184 p.  
 University of Chicago, 1908, PH. D.  
 "A private edition distributed by the University of Chicago libra-  
 ries."  
 "Reprinted from National academy of sciences memoirs, vol. XII,  
 part 2, 1915."  
 16-22723 QL430.5.P5A4 1915a
- 311 **Argo, William Lind**, 1890-  
 The potential of the rubidium electrode . . . [New  
 York, 1915] cover-title, p. [1983]-1990.  
 University of California. 1915, PH. D.  
 Thesis t.-p. mounted over the cover of the issue reprinted from the  
 Journal of the American chemical society, vol. XXXVII, no. 9, Septem-  
 ber, 1915, which has title: The potential of the rubidium electrode, by  
 Gilbert N. Lewis and William L. Argo.  
 17-10456 QD571.A8
- 312 **Bond, Perry Avery**, 1878-  
 Some derivatives of the 4-nitro-5-methyl-2-sulphoben-  
 zoic acid . . . [Iowa City?] 1915. 43 p.  
 University of Iowa, 1915, PH. D.  
 17-22349 QD341.A2B705
- 313 **Branch, Gerald Eyre Kirkwood**, 1886-  
 The free energy of formation of formic acid . . . [New  
 York, 1915] 1 p. l., p. [2316]-2326.  
 University of California. 1915, PH. D.  
 "Reprinted from the Journal of the American chemical society,  
 vol. XXXVII, no. 10. October, 1915."  
 17-7559 QD305.A2B76
- 314 **Dale, Nelson Clark**, 1890-  
 . . . The Cambrian manganese deposits of Concep-  
 tion and Trinity bays, Newfoundland . . . [Philadel-  
 phia, 1915] 1 p. l., p. [371]-456.  
 (Princeton university contribution to the geology of Newfound-  
 land, no. 2)  
 Princeton university, 1914, PH. D.  
 "Reprinted from the Proceedings of the American philosophical  
 society, vol. LII, 1915 . . . Oct.-Dec., 1915."  
 17-6673 TN490.M3D3



**315 Goodwin, Cardinal Leonidas.**

The establishment of state government in California . . . [New York, 1914] 4 p. l., vii-xiv p., 1 l., 359 p.

University of California, 1916, PH. D.

Originally issued by Macmillan company without thesis note. This issue is identical except for the addition of the thesis t.-p.

16-18521

JK8725.1849.G62

**316 Meisnest, Frederick William.**

Wieland's translation of Shakespeare. Cambridge, University press [1914] cover-title, 30 p.

University of Wisconsin, 1904, PH. D.

Thesis note stamped on cover.

"From the Modern language review, vol. ix, no. 1, January. 1914."

17-21503

PR2780.W5

# SUPPLEMENTARY LIST OF THESES PRINTED IN 1915

- 310 Adams, Charles Christopher 1873-**  
 . . . The variations and ecological distribution of the  
 snails of the genus *Io* . . . [Chicago, 1915] 184 p.  
 University of Chicago, 1908, PH. D.  
 "A private edition distributed by the University of Chicago libra-  
 ries."  
 "Reprinted from National academy of sciences memoirs, vol. XII,  
 part 2, 1915."  
 16-22723 QL430.5.P5A4 1915a
- 311 Argo, William Lind, 1890-**  
 The potential of the rubidium electrode . . . [New  
 York, 1915] cover-title, p. [1983]-1990.  
 University of California, 1915, PH. D.  
 Thesis t.-p. mounted over the cover of the issue reprinted from the  
 Journal of the American chemical society, vol. XXXVII, no. 9, Septem-  
 ber, 1915, which has title: The potential of the rubidium electrode, by  
 Gilbert N. Lewis and William L. Argo.  
 17-10456 QD571.A8
- 312 Bond, Perry Avery, 1878-**  
 Some derivatives of the 4-nitro-5-methyl-2-sulphoben-  
 zoic acid . . . [Iowa City?] 1915. 43 p.  
 University of Iowa, 1915, PH. D.  
 17-22349 QD341.A2B705
- 313 Branch, Gerald Eyre Kirkwood, 1886-**  
 The free energy of formation of formic acid . . . [New  
 York, 1915] 1 p. l., p. [2316]-2326.  
 University of California, 1915, PH. D.  
 "Reprinted from the Journal of the American chemical society,  
 vol. XXXVII, no. 10. October, 1915."  
 17-7559 QD305.A2B76
- 314 Dale, Nelson Clark, 1890-**  
 . . . The Cambrian manganese deposits of Concep-  
 tion and Trinity bays, Newfoundland . . . [Philadel-  
 phia, 1915] 1 p. l., p. [371]-456.  
 (Princeton university contribution to the geology of Newfound-  
 land, no. 2)  
 Princeton university, 1914, PH. D.  
 "Reprinted from the Proceedings of the American philosophical  
 society, vol. LIV, 1915 . . . Oct.-Dec., 1915."  
 17-6673 TN490.M3D3



- 315 **Dines, Charles Ross, 1887-**  
 . . . Functions of positive type and related topics in  
 general analysis . . . [London, 1915] 39, [1] p.  
 University of Chicago, 1915, PH. D.  
 "A private edition distributed by the University of Chicago libra-  
 ries."  
 "Extracted from the Proceedings of the London mathematical  
 society, series 2, vol. 15, part 4."  
 17-6392 QA431.D5
- 316 **Douglas, John Frederic Howard, 1884-**  
 The reluctance of some irregular magnetic fields . . .  
 [New York, 1915] 1 p. l., p. 867-925.  
 Cornell university, 1914, PH. D.  
 "Reprinted from Proc. A. I. E. E., vol. xxxiv, no. 5, May, 1915."  
 17-23776 TK2211.D6
- 317 **Eastlack, Herbert Eugene, 1890-**  
 The electrical synthesis of colloids . . . Easton, Pa.,  
 Eschenbach printing company, 1915. 21, [1] p.  
 Columbia university, 1916, PH. D.  
 17-6400 QD549.E3
- 318 **Elmore, Wilber Theodore, 1871-**  
 Dravidian gods in modern Hinduism; a study of the  
 local and village deities of southern India . . . Lincoln,  
 Neb., 1915. cover-title, 149 p.  
 University of Nebraska, 1915, PH. D.  
 Published also as University studies, published by the University  
 of Nebraska . . . vol. xv, no. 1. January, 1915.  
 17-10886
- 319 **Hayhurst, Emery Roe, 1880-**  
 . . . Industrial health-hazards and occupational dis-  
 eases in Ohio . . . Chicago, 1915. 2 p. l., iii-xviii,  
 438 p.  
 University of Chicago, 1916, PH. D.  
 Published also as an official report under the direction of the Ohio  
 State board of health with title: A survey of industrial health-hazards  
 and occupational diseases in Ohio.  
 17-3442 RA787.H3
- 320 **Hodges, Henry Green, 1888-**  
 The doctrine of intervention . . . Princeton, The  
 Banner press, 1915. 1 p. l., v-xii, 288 p.  
 University of Pennsylvania, 1917, PH. D.  
 Published also without thesis note.  
 17-18355 JX4481.H6 1915 a

**321 Hotchkiss, William Otis.**

. . . Mineral land classification, showing indications of iron formation in parts of Ashland, Bayfield, Washburn, Sawyer, Price, Oneida, Forest, Rusk, Barron, and Chippewa counties . . . Madison, Wis., The State, 1915. x, 378 p.

(Wisconsin. Geological and natural history survey. Bulletin no.

44. Economic series no. 19)

University of Wisconsin, 1916, PH. D.

Thesis note stamped on t.-p.

G S 16-266

TN403.W6H6

**322 Kligler, Israel Jacob, 1889-**

A biochemical study and differentiation of oral bacteria, with special reference to dental caries . . . New York city, 1915. iv, 141-166, [1], 282-330, 445-458, v-vi p.

Columbia university, 1915, PH. D.

Reprinted from the Journal of the Allied dental societies, vol. x, June, 1915, p. 141-166; vol. x, September, 1915, p. 282-330; vol. x, December, 1915, p. 445-458.

17-20737

QR47.K6

**323 Lacey, William Noble, 1890-**

The equilibrium between carbon oxysulfide, carbon monoxide, and sulfur . . . [New York, 1915] cover-title, p. [1976]-1983.

University of California, 1915, PH. D.

Thesis t.-p. pasted over the cover of the issue reprinted from the Journal of the American chemical society, vol. xxxvii, no. 9, September, 1915, which has title: The equilibrium between carbon oxysulfide, carbon monoxide, and sulfur, by Gilbert N. Lewis and William N. Lacey.

17-8874

QD501.L16

**324 Lewis, Julian Herman.**

. . . The absorption of substances injected subcutaneously and the inhibitory action of heterologous protein mixtures on anaphylaxis . . . [Chicago, 1915] 20 p.

University of Chicago. 1915, PH. D.

"Reprinted from the Journal of infectious diseases, vol. 17. no. 1, July, 1915."

17-20032

QR185.L5

**325 Orfield, Matthias Nordberg.**

. . . Federal land grants to the states, with special reference to Minnesota . . . Minneapolis, 1915. v p., 1 l., [3]-275 p.

(The University of Minnesota. Studies in the social sciences. no. 2)

"Bulletin of the University of Minnesota, March, 1915."

University of Minnesota, 1913, PH. D.

Without thesis note.

15-15937

HD216.O7

**326 Plaut, Edward, 1891-**

The synthesis of certain substituted syringic acids . . . Easton, Pa., Eschenbach printing company, 1915. 18, [2] p.

Columbia university, 1916, PH. D.

17-6396

QD341.A2P72

**327 Russell, William Fletcher, 1890-**

The early teaching of history in the secondary schools of New York and Massachusetts . . . Philadelphia, McKinley publishing company, 1915. 35 p.

Columbia university, 1914, PH. D.

"Reprinted from 'The History teacher's magazine,' vol. v. pp. 203-208, 311-318; vol. vi, pp. 14-19, 44-52, 122-125."

17-7032

D16.3.R8

**328 Stephenson, Joseph Clark.**

Studies on the development of characters in normal and hybrid chicks. [I. The comb: origin and development of the single-, V-, and hybrid Y-combs] . . . Madison, Wis., 1915. 1 p. l., 47-77, [1] p.

University of Wisconsin, 1916, PH. D.

"Reprinted from Washington university studies, vol. ii, part i, January, 1915, no. 2. St. Louis, Mo., U. S. A."

"From the zoological laboratories, University of Wisconsin."

17-28070

QL959.S8

**329 Thompson, Charles Manfred, 1877-**

The Illinois Whigs before 1846 . . . [Urbana, 1915] 3 p. l., 9-165 p., 1 l.

University of Illinois. 1913, PH. D.

Published also as University of Illinois studies in the social sciences. vol. iv. no. 1.

17-13641

JK2333.I33 1915 a



## 330 Victory, Beatrice Marguerite, 1887—

Benjamin Franklin and Germany . . . [Philadelphia] 1915. 4 p. l. 7-180 p.

(Americana germanica . . . Editor: Marion Dexter Learned . . .  
[new ser., no. 21])

University of Pennsylvania, 1913, PH. D.

17-5387

E302.6.F8V6

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SECTION I

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ALPHABETIC LIST OF THESES PRINTED  
IN 1916





# ALPHABETIC LIST OF THESES PRINTED IN 1916

## 1 Adams, Arthur Barto, 1887-

Marketing perishable farm products . . . New York, 1916. 1 p. l., 5-182 p.

Columbia university, 1916, PH. D.

Published also as Studies in history, economics, and public law, ed. by the Faculty of political science of Columbia university. vol. LXXII, no. 3; whole no. 170.

16-15863

HD9006.A55 1916 a

## 2 Agnides, Nicolas Prodromon, 1883-

Mohammedan theories of finance, with an introduction to Mohammedan law and a bibliography . . . New York, 1916. 1 p. l., 5-541 p.

Columbia university, 1916, PH. D.

Published also as Studies in history, economics, and public law, ed. by the Faculty of political science of Columbia university, vol. LXX; whole no. 166.

16-16057

HJ235.A4

## 3 Allen, Thomas George.

. . . Horus in the pyramid texts . . . [Chicago] 1916. 76 p.

University of Chicago, 1915, PH. D.

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

16-22707

PJ1553.A1 1916

## 4 Allen, William Fitch, 1875-

Studies on the spinal cord and medulla of cyclostomes with special reference to the formation and expansion of the roof plate and the flattening of the spinal cord . . . [Baltimore, The Waverly press, 1916] cover-title, p. 9-77.

University of Minnesota, 1915, PH. D.

"Reprinted from the Journal of comparative neurology, vol. 26, no. 1, February, 1916."

16-10067

QL937.A4

## 5 Allinson, May, 1880—

Dressmaking as a trade for women in Massachusetts . . .  
New York, 1916. 1 p. l., 180, [2] p.

Columbia university, 1916, PH. D.

Published also as Bulletin of the U. S. Bureau of labor statistics, whole  
no. 193. Women in industry series, no. 9.

17-1002

TT515.A05

## 6 Allison, John Maudgridge Snowden, 1888—

Church and state in the reign of Louis Phillippe, 1830—  
1848 . . . Princeton, Princeton university press; [etc.,  
etc.] 1916. 3 p. l., 178 p.

Princeton university, 1914, PH. D.

16-16250

DC266.5.A5

## 7 Altenburg, Edgar, 1888—

Linkage in *Primula sinensis* . . . [Princeton, N. J.,  
Princeton press, 1916] [1], [354]—366 p.

Columbia university, 1916, PH. D.

"Reprinted from Genetics 1 : 354-366, July, 1916."

17-1061

QH431.A5

## 8 Alter, Wade Dinsmore, 1888—

The orbit of (132) Aethra . . . [Berkeley, 1915-16]  
cover-title, p. 180-183, 32-34.

University of California, 1916, PH. D.

Published also as Lick observatory bulletins nos. 275 and 285.

17-6378

QB378.A3A5

## 9 Andress, James Mace.

Johann Gottfried Herder as an educator . . . [New  
York, G. E. Stechert & co.] 1916. 6 p. l., 316 p.

Clark university, 1916, PH. D.

Published also without thesis note.

16-14853

PT2353.A6 1916 a

## 10 Ayer, Fred Carleton.

. . . The psychology of drawing, with special reference  
to laboratory teaching . . . [Chicago, 1916] ix p., 1 l.,  
186 p.

University of Chicago, 1915, PH. D.

"A private edition distributed by the University of Chicago li  
braries. A trade edition [without thesis note] is published by Warwick &  
York, inc. Baltimore, Md., 1916."

17-1237

BF456.D7A8 1916 a

## 11 Baker, John Clark, 1884-

Experiments upon starch as substrate for enzyme action . . . Easton, Pa., 1916. 24 p., 1 l.

Columbia university, 1916, PH. D.

"Reprinted from the 'Journal of the American chemical society,' vol. 38, pages 1885-1904."

17-3450

QP601.B2

## 12 Ball, Stanley Crittenden.

The development of *Paravortex gemellipara* (*Graffilla gemellipara* Linton) . . .

(In Journal of morphology. Philadelphia, 1916. v. 27, p. 453-557)

Yale university, 1915, PH. D.

Part of thesis.

17-20031

QL801.J9 vol. 27

## 13 Barker, Ernest Franklin, 1886-

Selective radiation from osmium filaments . . . [Lancaster, Pa., and Ithaca, N. Y., 1916] cover-title, p. [451]-471.

University of Michigan, 1915, PH. D.

"Reprinted from the Physical review, n. s., vol. vii, no. 4, April, 1916."

16-19685

TK4365.B3

## 14 Barnes, Jasper Converse.

. . . Voluntary isolation of control in a natural muscle group . . . [Princeton, Princeton university press, 1916] 4 p. l., 50 p.

University of Chicago, 1911, PH. D.

"Published as no. 93 of the Psychological monographs."

16-22040

QP321.B3

## 15 Barney, Winfield Supply, 1883-

Corneille's comedies as a mirror of contemporary events and of the theories of French polite society in the first half of the seventeenth century . . . [Canaan, N. H., Press of C. O. Barney & son, 1916] ix, 65 p.

Syracuse university, 1916, PH. D.

17-18369

PQ1779.B3



## 16 Barto, Philip Stephan, 1884-

Tannhäuser and the Venusberg . . . [New York, 1916] 4 p. l., vii-xiii p., 2 l., 258 p., 1 l.

University of Illinois, 1913, PH. D.

Originally issued without thesis note under title: Tannhäuser and the Mountain of Venus, in the series "Germanic literature and culture."

16-20534

PT941.T2B3 1916 a

## 17 Basinger, Harvey Raymond, 1887-

. . . The control of experimental cretinism . . . [Chicago, 1916] 1 p. l., 19 p.

University of Chicago, 1915, PH. D.

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

Reprinted from Archives of int. med., February, 1916. vol. xvii.

16-15037

RC657.B35

## 18 Batson, William Howard.

Acquisition of skill . . . [Princeton, Princeton university press, 1916] 3 p. l., 90, [2] p.

University of Michigan. 1915. PH. D.

"Published as no. 91 of the Psychological monographs."

16-24547

LB1061.B3

## 19 Baumgartner, Edwin A., 1887-

The development of the liver and pancreas in *Amblystoma punctatum* . . . [Baltimore, The Waverly press, 1916] cover-title, p. 211-275.

University of Minnesota, 1915, PH. D.

"Reprinted from the American journal of anatomy, vol. 19, no. 2, March, 1916."

16-10066

QL867.B3

## 20 Becker, Albert John, 1877-

The strength and stiffness of steel under bi-axial loading . . . [Urbana, 1916] 1 p. l., 65 p., 1 l.

University of Illinois, 1915, PH. D.

Published also as Bulletin no. 85, Engineering experiment station, University of Illinois.

17-2750

TA473.B4 1916 a

**21 Becknell, Guy Gaillard.**

On the demagnetization of iron and steel rods by strain and impact . . . Lancaster, Pa., Press of the New era printing company, 1816 [i. e. 1916] 1 p. l., p. [504]-527.

Clark university, 1911, PH. D.

"Reprinted from the Physical review, n. s., vol. VIII, no. 5, November, 1916."

17-1078

QC761.B38

**22 Benedict, Laura Estelle Watson, 1861-**

A study of Bagobo ceremonial, magic, and myth . . . [New York, 1916] cover-title, p. 1-308.

Columbia university, 1914, PH. D.

"Reprinted from the Annals of the New York academy of sciences, vol. xxv . . . Published 15 May, 1916."

"Printed by E. J. Brill, Leyden (Holland)"

17-215

**23 Benedict, Suzan Rose, 1873-**

A comparative study of the early treatises introducing into Europe the Hindu art of reckoning . . . [Concord, N. H., The Rumford press, 1916] vi, 126 p.

University of Michigan, 1914, PH. D.

16-18601

QA23.B3

**24 Betz, Gottlieb Augustus, 1881-**

Die deutschamerikanische patriotische lyrik der acht- und vierziger und ihre historische grundlage . . . [Philadelphia] 1916. 131 p.

(Americana germanica . . . Editor: Marion Dexter Learned . . . [new ser., no. 22])

University of Pennsylvania, 1913, PH. D.

17-6374

PT3910.B4

**25 Bidwell, Percy Wells.**

. . . Rural economy in New England at the beginning of the nineteenth century . . . New Haven, Conn., 1916. p. [241]-399.

(Transactions of the Connecticut academy of arts and sciences, v. 20 p. 241-399)

Yale university, 1915, PH. D.

Without thesis note.

16-14687

Q11.C9 vol. 20



## 26 Blachly, Frederick Frank, 1880-

The accounting and reporting methods of the state of New York . . . [New York, 1916] cover-title, vii, 151 p.

Columbia university, 1916, PH. D.

Published also as pts. I-II of Municipal research no. 74, June 1916.

17-13064

HJ9883.B5

## 27 Blish, Morris Joslin, 1889-

On the chemical constitution of the proteins of wheat flour and its relation to baking strength . . . Easton, Pa., Eschenbach printing co., 1916. 19, [1] p.

University of Minnesota, 1915, PH. D.

16-15567

TX558.W5B6

## 28 Blocher, John Milton, 1891-

Osmotic pressure measurements of levulose solutions at thirty degrees . . . [Gettysburg] Gettysburg compiler print [1916] 40 p.

Johns Hopkins university, 1916, PH. D.

16-22034

QD543.B65

## 29 Boerker, Richard Hans, 1887-

Ecological investigations upon the germination and early growth of forest trees . . . Lincoln, Neb., 1916. 1 p. l., 89 p., 1 l.

University of Nebraska, 1916, PH. D.

17-9825

QK740.B7

## 30 Booge, James Eliot, 1890-

Studies on catalysis. I. The addition compounds of esters with organic acids . . . New York city, 1916. 28 p., 1 l.

Columbia university, 1916, PH. D.

"Reprinted from the 'Journal of the American chemical society,' vol. xxxviii, pages 1712-1736."

17-6391

QD501.B76

## 31 Boucke, Oswald Fred, 1881-

. . . Rising costs of living . . . Menasha, Wis., George Banta publishing company, 1916. 3 p. l., 87 p.

University of Pennsylvania, 1916, PH. D.

17-2754

HD6983.B7

**32 Boughton, Alice C., 1885-**

Household arts and school lunches . . . New York,  
1916. 170 p., 1 l.

Columbia university, 1917, PH. D.

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The effect of temperature upon certain absorption spectra . . . [Lancaster, Pa., and Ithaca, N. Y., 1916] 1 p. l., [194]-202, [1], [38]-47 p.

Cornell university, 1916, PH. D.

"Reprinted from the Physical review, n. s., vol. VII, no. 2, February, 1916, and n. s., vol. VIII, no. 1, July, 1916."

16-19507

QC437.G5

## 114 Gilkey, Helen Margaret, 1886-

A revision of the tuberales of California . . . [Berkeley, 1916] cover-title, p. [275]-356.

University of California. 1915, PH. D.

Published also as University of California publications in botany, v. 6, no. 11, March 31, 1916.

16-19505

QK623.T8G5 1916 a

## 115 Gillespy, Frances Lytle, 1886—

Layamon's Brut: a comparative study in narrative art . . . [Berkeley, 1916] cover-title, p. [361]—510.

University of California, 1914, PH. D.

Thesis t.-p. mounted on cover of the original issue, which was published as University of California publications in modern philology, v. 3, no. 4, 1916.

17-6369

PR2027.G5 1916

## 116 Gilman, Joseph Charles, 1890—

. . . Cabbage yellows and the relation of temperature to its occurrence . . . [St. Louis? 1916] cover-title, p. 25-84.

(Washington university doctoral dissertations.)

Washington university, St. Louis, 1915, PH. D.

"Publications of Washington university, Saint Louis, series v, number 25."

"Reprinted from Annals of the Missouri botanical garden, February, 1916, vol. III, no. 1."

17-20542

SB741.C3G5

## 117 Girard, William, 1872—

Du transcendantalisme considéré essentiellement dans sa definition et ses origines françaises . . . [Berkeley, 1916] cover-title, p. [351]—498.

University of California, 1915, PH. D.

Published also as University of California publications in modern philology, v. 4, no. 3, 1916.

17-1234

B823.G5

## 118 Goldman, Marcus Isaac, 1881—

The petrography and genesis of the sediments of the Upper Cretaceous of Maryland . . . Baltimore, The Johns Hopkins press, 1916. 1 p. l., p. [111]—184.

Johns Hopkins university, 1913, PH. D.

Reprinted from v. 1 of Upper Cretaceous, pub. by the Maryland geological survey.

16-22039

QE471.G6

## 119 Goodrich, Hubert Baker, 1887—

The germ cells in *Ascaris incurva* . . . [Baltimore, 1916] 1 p. l., 61-99 p., 1 l.

Columbia university, 1916, PH. D.

"Reprinted from the Journal of experimental zoölogy, vol. 21, no. 1, July, 1916."

17-1

QH605.G65



## 120 Gorton, Arthur Feddeman, 1891-

Reflection from, and transmission through, rough surfaces . . . Lancaster, Pa., Press of the New era printing company [1916] 1 p. l., [1], [66]-78 p., 1 l.

Johns Hopkins university, 1915, PH. D.

"Reprinted from the Physical review, n. s., vol. vii, no. 1, January, 1916."

16-10057

QC425.G6

## 121 Gossard, Harry Clinton, 1884-

On a special elliptic ruled surface of the ninth order . . . [Baltimore, 1916] 1 p. l., p. [431]-445, 1 l.

Johns Hopkins university, 1914, PH. D.

"Reprinted from American journal of mathematics, vol. xxxviii, no. 4, October, 1916."

17-1062

QA603.G6

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. . . Ionization by impact in mercury vapor and other gases . . . Lancaster, Pa., Press of the New era printing company [1916] 1 p. l., [561]-573, [1] p.

(Phoenix physical laboratory contributions no. 35)

Columbia university, 1917, PH. D.

"Reprinted from the Physical review, n. s., vol. viii, no. 5, November, 1916."

17-20030

QC702.G6

## 123 Gould, Chester Nathan.

. . . The syntax of *at* and *ana* in Gothic, Old Saxon, and Old High German . . . [Menasha, Wis., George Banta publishing company] 1916. 82 p.

University of Chicago, 1907, PH. D.

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

17-6376

PD335.G7

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The optical activity of liquids and gases. . . . [Lancaster, Pa., and Ithaca, N. Y., 1916] cover-title, [1], [472]-488 p.

University of Wisconsin, 1916, PH. D.

Thesis note stamped on cover.

"Reprinted from the Physical review, n. s., vol. vii, no. 4, April, 1916."

17-21395

QD651.G7



## 125 Griggs, Mary Amerman, 1886-

The surface tension of mixed liquids . . . New York city, 1916. 25, [1] p.

Columbia university, 1917, PH. D.

17-6398

QC183.G76

## 126 Gutberlet, John Earl, 1887-

On the development, morphology, and economic importance of chicken cestodes. Morphology of adult and larval cestodes from poultry. Studies on the transmission and prevention of cestode infection in chickens . . . [Urbana, Ill., 1916] 1 p. l., [23]-44, [1], [218]-237 p., 1 l.

University of Illinois, 1914, PH. D.

Contribution from the Zoological laboratory of the University of Illinois under the direction of Henry B. Ward, no. 57, 62.

16-22740

SF995.G87

## 127 Guthrie, Edward Sewall, 1880-

Metallic flavor in dairy products . . . [Albany, 1916] 1 p. l., p. 607-644.

Cornell university, 1913, PH. D.

"Bulletin [373] from the Agricultural experiment station of the New York state college of agriculture."

17-1828

SF240.G85

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A study of the spectrum of Zeta<sub>1</sub> Ursae majoris . . . Ann Arbor, University of Michigan, Detroit observatory, 1916. 31 p.

University of Michigan, 1915, PH. D.

"Reprinted from the Publications of the Observatory of the University of Michigan, vol. II."

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QB903.H2

## 129 Haerberlin, Herman Karl, 1890-

The idea of fertilization in the culture of the Pueblo Indians . . . Lancaster, Pa., 1916. 1 p. l., 55 [1] p.

Columbia university, 1915, PH. D.

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16-22084

E99.P9H13

130 **Hahn, Dorothy Anna.**

The reactions of some carboxyl derivatives of trimethylene.

(*In* Journal of the American chemical society. Easton, Pa., 1916, vol. xxxviii, no. 8, p. 1517-1534)

"Part of a dissertation presented to the Faculty of the Graduate school of Yale university, 1916, in candidacy for the degree of doctor of philosophy."

17-19610

QD1.A5 vol. 38, no. 8

131 **Hale, Will Taliaferro, ed.**

. . . Of reformation touching church-discipline in England, by John Milton, ed. with introduction, notes, and glossary by Will Taliaferro Hale . . . New Haven, Yale university press; [etc., etc.] 1916. lxxxix p., 3 l., 3-224 p.

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

Yale university, 1914, PH. D.

"The text of this edition is that of the first edition (1641), which was the only issue of the pamphlet during Milton's lifetime."—Pref.

16-14909

PR3570.O3 1916

132 **Hall, Clifton Rumery, 1884-**

Andrew Johnson, military governor of Tennessee . . . Princeton, Princeton university press; [etc., etc.] 1916. iv, p., 1 l., 234 p.

Princeton university, 1914, PH. D.

Published also without thesis note.

16-22711

E531.H17

133 **Hall, Maurice Crowther, 1881-**

Nematode parasites of mammals of the orders *Rodentia*, *Lagomorpha*, and *Hyracoidea* . . . [Washington, 1916]. cover-title, 3 p. l., 258 p., 1 l.

George Washington university, 1915, PH. D.

Smithsonian institution publication "No. 2131.—From the Proceedings of the United States National museum, vol. 50, pages 1-258 . . . published May 13, 1916." This issue is identical except for the addition of the thesis cover-title.

16-19509

QL391.N4H3

- 134 **Hamilton, Clarence Herbert.**  
 . . . A psychological interpretation of mysticism . . .  
 [Chicago] 1916. 85 p.  
 University of Chicago, 1914, PH. D.  
 "A private edition distributed by the University of Chicago libraries."  
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- 135 **Hammond, Lester Davisson.**  
 . . . The electrodeposition of nickel . . . [Philadelphia, 1916] cover-title, p. 103-134.  
 University of Wisconsin, 1916, PH. D.  
 Thesis note stamped on cover.  
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- 136 **Harrington, Ertle Leslie.**  
 . . . A redetermination of the coefficient of viscosity of air . . . [Lancaster, Pa., and Ithaca, N. Y., 1916] 1 p. l., [1], [738]-751 p.  
 University of Chicago, 1916, PH. D.  
 "A private edition distributed by the University of Chicago libraries."  
 "Reprinted from the Physical review, n. s., vol. viii, no. 6, December, 1916."  
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- 137 **Hartmann, Carl Gottfried.**  
 Studies in the development of the opossum *Didelphys virginiana* L. I. History of the early cleavage. II. Formation of the blastocyst . . . [Boston, 1916] cover-title, 83 p.  
 University of Texas, 1915, PH. D.  
 "Reprinted from the Journal of morphology, vol. 27, no. 1, March, 1916."  
 "Contribution from the Zoological laboratory of the University of Texas, no. 126."  
 16-18599 QL959.H3



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. . . Plane nets periodic of period 3 under the Laplacian transformation . . . [Palermo, Tipografia matematica] 1916. 2 p. l., 22 p.

. University of Chicago, 1915, PH. D.

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

Reprinted from Rendiconti del Circolo matematico di Palermo, tomo XL, fasc. II e III, settembre-dicembre, 1915.

17-9383

QA601.H4

139 **Hauch, Edward Franklin, 1879-**

Gottfried Keller as a democratic idealist . . . New York, Columbia university press, 1916. viii, [2], 96 p., 1 l.

(Columbia university Germanic studies)

Columbia university, 1916, PH. D.

Published also without thesis note.

16-15669

PT2374.Z5H3 1916 a

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Skeletal measurements and observations on the Point Barrow Eskimo with comparisons from other Eskimo groups . . . Lancaster, Pa., Press of the New era printing company, 1916. 1 p. l., p. 203-244.

University of Pennsylvania, 1915, PH. D.

"Reprinted from the American anthropologist, vol. 18, no. 2, April-June, 1916."

17-16741

E99.E7H4

141 **Hawkins, Richmond Laurin.**

Maistre Charles Fontaine, Parisien . . . Cambridge, Harvard university press; [etc., etc.] 1916. ix, 281 p.

(Harvard studies in Romance languages . . . vol. II)

Harvard university, 1908, PH. D.

Condensed version of thesis.

16-15611

PQ1623.F7Z7

142 **Hazlett, Olive Clio, 1890-**

. . . On the classification and invariantive characterization of nilpotent algebras . . . [Baltimore, 1916] i p. l., [109]-138 p., 1 l.

University of Chicago, 1915, PH. D.

"Reprinted from American journal of mathematics, vol. XXXVIII, no. 2, April, 1916."

16-13543

QA251.H3



## 143 H'Doubler, Francis Todd.

A study of certain functional equations for the  $\theta$ -functions, by E. B. Van Vleck and F. H'Doubler . . .  
[Lancaster, Pa., Press of the New era printing company]  
1916. cover-title, p. 9-49.

University of Wisconsin, 1910, PH. D.

Without thesis note.

"Reprinted from the Transactions of the American mathematical society, vol. xvii, no. 1 . . . January, 1916."

16-15849

QA431.V35

144 Heaton, Harry Clifton, 1885- *ed.*

The Gloria d'amor of Fra Rocaberti, a Catalan vision-poem of the 15th century, ed., with introduction, notes, and glossary, by H. C. Heaton . . . New York, Columbia university press, 1916. 4 p. l., [vii]-ix p., 1 l., 167 p., 1 l.

(Columbia university studies in Romance philology and literature)

Columbia university, 1916, PH. D.

Published also without thesis note.

17-6377

PC3937.R5 1916 a

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The Danish people's high school, including a general account of the educational system of Denmark . . .  
New York city, 1916. 182, iv p., 1 l.

Columbia university, 1915, PH. D.

Published also as U. S. Bureau of education, Bulletin no. 45, 1915.

16-14147

LA876.H4 1916

146 Held, Felix Emil, 1880- *ed. & tr.*

Johann Valentin Andreac's Christianopolis; an ideal state of the seventeenth century, by Felix Emil Held . . .  
[New York, 1916] x p., 2 l., 3-287 p., 1 l.

University of Illinois, 1914, PH. D.

Published also in the series Germanic literature and culture; a series of monographs, ed. by J. Goebel.

16-27302

HX811.1619.A8

17982°-18-4

147 **Hemphill, Wesley Lynn**, 1886-

Codex coxianus of the Homilies of Chrysostom on Ephesians and his commentary on Galatians . . . Norwood, Mass., Printed at the Norwood press, 1916. iii p., 1 l., 74 p.

University of Pennsylvania, 1916, PH. D.  
16-14823

148 **Henderson, William Noland**, 1892-

Neutral salt action on acid solubilities . . . Easton, Pa., Eschenbach printing company, 1916. cover-title, 17, [1] p.

Princeton university, 1916, PH. D.  
17-1072

QD477.H45

149 **Hesler, Lexemuel Ray**.

Black rot, leaf spot, and canker of pomaceous fruits . . . [Ithaca, 1916] 1 p. l., p. 51-148.

Cornell university, 1914, PH. D.  
"Published as Cornell university agricultural experiment station bulletin 379, August, 1916."  
16-22741

SB733.H45

150 **Hessler, Lewis Burtron**, 1884-

. . . The Latin epigram of the Middle English period, with special reference to ms. reg. 17C xvii, fol. 17<sup>b</sup>-18 . . . Menasha, Wis., George Banta publishing company, 1916. 18 p.

University of Pennsylvania, 1916, PH. D.  
Abstract of thesis.  
16-15624

151 **Hibbs, Henry Horace**, 1887-

Infant mortality: its relation to social and industrial conditions . . . New York, Department of child-helping, Russell Sage foundation, 1916. viii, 127 p. 1 l.

Columbia university, 1916, PH. D.

Six reprints from the Quarterly publication of the American statistical association, Proceedings of the Southern sociological congress, Journal of sociologic medicine, and the Quarterly journal of economics.  
16-15027

HB1323.I4H5

152 **Hill, Joseph Bennett**, 1891-

. . . Some new derivatives of tungsten . . . Easton, Pa., Eschenbach printing company, 1916. 15 p.

University of Pennsylvania, 1916, PH. D.  
16-22037

QD181.W1H4

- 153 **Hitti, Philip Khûri**, 1886— *tr.*

The origins of the Islamic state, being a translation from the Arabic accompanied with annotations, geographic and historic notes of the Kitâb futûh al-buldân of al-Imâm abu-l'Abbâs Ahmad ibn-Jâbir al-Balâdhuri, by Philip Khûri Hitti . . . Vol. I . . . New York, 1916. xi, 519 p.

Columbia university, 1915, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXVIII, whole no. 163.

16-14813

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- 154 **Hocker, Carl Dewitt**, 1890—

The osmose of some electrolytes with porcelain membranes, and the relation of osmose to membrane potential . . . Easton, Pa., Eschenbach printing company, 1916. 31 p.

University of Michigan, 1915, PH. D.

16-19506

QD543.H6

- 155 **Hoekstra, Peter**, 1884—

. . . Thirty-seven years of Holland-American relations, 1803 to 1840 . . . Grand Rapids, Mich., Pater-son, N. J., Eerdmans-Sevensma co., 1916. 184 p.

University of Pennsylvania, 1915, PH. D.

17-14380

JX1423.N4H7

- 156 **Hoffstadt, Rachel Emilie**.

. . . The vascular anatomy of *Piper methysticum* . . . Chicago, Ill., The University of Chicago press [1916] 1 p. l., p. 115-132.

University of Chicago, 1915, PH. D.

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

"Reprinted from the Botanical gazette, vol. LXII, no. 2."

"Contributions from the Hull botanical laboratory 218."

16-22727

QK495.P68H7

- 157 **Hoke, Kremer Jacob**, 1878—

Placement of children in the elementary grades . . . Washington, Govt. print. off., 1916. 93 p., 1 l.

Columbia university, 1916, PH. D.

Published also as U. S. Bureau of education Bulletin no. 3 under title: Placement of children in the elementary grades; a study of the schools of Richmond, Va.

16-15518

LB3063.H6 1916 a



158 **Holley, Charles Elmer, 1887-**

The relationship between persistence in school and home conditions . . . [Chicago, Printed by the University of Chicago press, 1916] 1 p. l., 9-119, [1] p.

University of Illinois, 1915, PH. D.

"Reprinted from the fifteenth Yearbook of the National society for the study of education, 1916."

17-3578

LC143.H7

159 **Holman, Richard Morris, 1886-**

The orientation of terrestrial roots . . . [Lancaster, Pa., 1916] 1 p. l., [1], 274-318, 407-414 p.

University of California, 1915, PH. D.

Reprinted from the American journal of botany 6, June, 1916; 8, October, 1916.

17-15948

QK776.H65

160 **Holstein, Justus Frederick, 1863-**

Rites and ritual acts as prescribed by the Roman religion according to the commentary of Servius on Vergil's Aeneid . . . [New York, Voelcker bros.] 1916. 1 p. l., v, 37 p.

New York university, 1915, PH. D.

16-14417

161 **Hopkins, Louis Allen.**

. . . On the theory of the motion of the small planets with a periodic orbit for the Hilda type . . . [Chicago] 1916. 19 p.

University of Chicago, 1915, PH. D.

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

Reprinted from the Astronomical journal, v. 29, nos. 11-12.

17-8565

QB377.H7

162 **Hopkins, Marion Byrd, 1889-**

The chlorides of ortho-sulpho-benzoic acid . . . Easton, Pa., Eschenbach printing company, 1916. 23, [1] p.

Johns Hopkins university, 1915, PH. D.

16-10055

QD341.A2H76



163 **Hoskins, Elmer Roy, 1890-**

The growth of the body and organs of the albino rat as affected by feeding various ductless glands (thyroid, thymus, hypophysis, and pineal) . . . [Baltimore, The Waverly press, 1916] cover-title, p. 295-346.

University of Minnesota, 1916, PH. D.

"Reprinted from the Journal of experimental zoölogy, vol. 21, no. 3, October, 1916."

17-6380

QP187.H16

164 **Howe, Harley Earl, 1882-**

On a modification of the Hilger sector photometer method for measuring ultraviolet absorption and its application in the case of certain derivatives of fluoran. . . . Lancaster, Pa., Press of the New era printing company [1916] 1 p. l., p. [673]-688.

Cornell university, 1916, PH. D.

"Reprinted from the Physical review, ser. 2, vol. VIII, no. 6, December, 1916."

17-6393

QC437.H18

165 **Hulton, Florence, 1886-**

On the formation of specific proteoclastic ferments in response to the parenteral introduction of foreign proteins . . . [New York, 1916] 1 p. l., p. 163-171.

University of Pennsylvania, 1916, PH. D.

"Reprinted from the Journal of biological chemistry, vol. xxv, no. 1, May, 1916."

16-14663

QP601.H8

166 **Humphery, Edmund Charles.**

. . . The drop-weight method for the determination of surface tension . . . Easton, Pa., Eschenbach printing company, 1916. 21 p.

University of Chicago, 1915, PH. D.

16-22036

QC183.H8

167 **Huse, Charles Phillips.**

The financial history of Boston from May 1, 1822, to January 31, 1909 . . . Cambridge, Harvard university press; [etc., etc.] 1916. ix, 395 p.

(Harvard economic studies . . . vol. xv)

Harvard university, 1907, PH. D.

A portion of this work: The financial history of Boston, 1822-1854 (p. 11-109), was submitted as the author's thesis.

16-14588

HJ9256.B6H8

168 **Hustvedt, Sigurd Bernhard.**

Ballad criticism in Scandinavia and Great Britain during the eighteenth century . . . New York, The American-Scandinavian foundation; [etc., etc.] 1916. 4 p. l., [vii]-ix p., 1 l., 335 p.

(Scandinavian monographs. vol. ii)

"This book has grown out of a dissertation presented in April, 1915, for the degree of doctor of philosophy at Harvard university, under the title of English, Scottish, and Scandinavian ballad criticism in the eighteenth century. The entire study has been revised."—Pref.

16-7217

PN1376.H8

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. . . An analysis of the process of regeneration in certain microdrilous oligochaetes . . . [Baltimore] 1916. 1 p. l., p. 99-163.

University of Chicago, 1915, PH. D.

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

"Reprinted from the Journal of experimental zoölogy, vol. 20, no. 2. February, 1916."

16-11211

QH499.H9

170 **Ibsen, Heman Lauritz.**

Tricolor inheritance. i. The tricolor series in guinea-pigs. ii. The Basset hound. iii. Tortoise-shell cats . . . [Princeton, 1916] cover-title, p. [287]-309, [367]-386.

University of Wisconsin, 1916, PH. D.

Thesis note stamped on cover.

"Reprinted from Genetics 1 : 287-309, 367-376, 377-386, May-July, 1916."

"Paper from the Department of experimental breeding of the Wisconsin agricultural experiment station, no. 7."

17-21394

QH431.I2

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. . . The semantic development of words for "walk, run" in the Germanic languages . . . [Menasha, Wis., George Banta publishing company, 1916] x, 168 p.

University of Chicago, 1914, PH. D.

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

"Reprinted from Linguistic studies in Germanic, no. iv."

16-21640

PD585.I5

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The control of strikes in American trade unions . . .  
Baltimore, 1916. vii, 9-131, [1] p.

Johns Hopkins university, 1913, PH. D.

Published also as Johns Hopkins university studies in historical  
and political science, ser. xxxiv, no. 3.

16-22702

HD5324.J4

## 173 Johnson, George, 1872-

The arithmetical philosophy of Nicomachus of Ge-  
rasa . . . Lancaster, Pa., Press of the New era printing  
company, 1916. iii, 49 p.

University of Pennsylvania, 1911, PH. D.

17-1079

QA31.N6J7

## 174 Jones, Arthur Taber, 1876-

Acoustic repulsion of jets of gas . . . Northampton,  
Mass., A. T. Jones, 1916. v, 50 p.

Clark university, 1913, PH. D.

16-18600

QC243.J7

## 175 Jones, George Ellis.

. . . Training in education . . . [Pittsburgh, 1916]  
113 p.

(University of Pittsburgh bulletin. General series. vol. 12, July  
15, 1916, no. 17)

Clark university, 1915, PH. D.

16-18632

LB1061.J6

## 176 Jones, Horry Matthew, 1885-

The protein-sparing action of utilizable carbohydrates  
in cultures of certain sugar-fermenting organisms . . .  
[Chicago, 1916] cover-title, 13 p.

Northwestern university, 1916, PH. D.

Thesis note on p. [2] of cover.

"Preprinted from the Journal of infectious diseases, vol. 19, no. 1,  
July, 1916."

17-1067

QR66.J6



## 177 Jones, Lloyd Theodore.

An experimental verification of the law of variation of mass with velocity for cathode rays . . . Lancaster, Pa., Press of the New era printing company, 1916. 1 p. l., [52]-65 p., 1 l.

University of Illinois, 1915, PH. D.

"Reprinted from the Physical review, n. s., vol. VIII, no. 1, July, 1916."

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. . . The Platonism of Plutarch . . . Menasha, Wis., George Banta publishing company, 1916. 153 p.

University of Chicago, 1913, PH. D.

16-15075

B603.J6

## 179 Kamm, Oliver, 1888-

The structure of the dihydro- $\beta$ -naphthoic acids and the correlation of ionization and structure in unsaturated acids . . . Easton, Pa., Eschenbach printing company, 1916. 31, [1] p.

University of Illinois, 1915, PH. D.

16-22030

QD341.A2K16

## 180 Kawaguchi, Ukichi.

. . . The bearing of the evolutionary theory on the conception of God—a study in contemporary interpretations of God in terms of the doctrine of evolution . . . [Menasha, Wis., George Banta publishing company] 1916. viii, 103 p.

University of Chicago, 1914, PH. D.

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

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. . . Goethe's estimate of the Greek and Latin writers as revealed by his works, letters, diaries, and conversations . . . Madison, Wis., 1916. 191 p.

(Bulletin of the University of Wisconsin, no. 786. Philology and literature series, v. 6, no. 1)

University of Wisconsin, 1914, PH. D.

17-21504

PN35.W6 vol. 6, no. 1



- 182 **Kettleborough, Charles, *ed.***  
 . . . Constitution making in Indiana; a source book of constitutional documents, with historical introduction and critical notes . . . Indianapolis, Indiana historical commission, 1916. 2 v.  
 (Indiana historical collections)  
 Indiana university, 1916, PH. D.  
 Without thesis note.  
 17-27080 JK5616.K3
- 183 **Kimball, John Willard, 1889-**  
 The esterification of benzoic acid by isomeric butyl mercaptans . . . [Gettysburg, Gettysburg compiler print] 1916. 28 p.  
 Johns Hopkins university, 1916, PH. D.  
 17-3447 QD341.A2K45
- 184 **Kingston, Harold Reynolds, 1886-**  
 . . . Metric properties of nets of plane curves . . . [Baltimore, 1916] 1 p. l., p. [407]-430, 1 l.  
 University of Chicago, 1914, PH. D.  
 "Reprinted from American journal of mathematics, vol. xxxviii, no. 4, October, 1916."  
 17-1070 QA603.K5
- 185 **Kline, John Robert, 1891-**  
 . . . Double elliptic geometry in terms of point and order alone . . . [Lancaster, Pa., and Princeton, N. J., 1916] 1 p. l., p. [31]-44.  
 University of Pennsylvania, 1916, PH. D.  
 "Reprinted from Annals of mathematics, second series, vol. xviii, no. 1, September, 1916."  
 17-1059 QA685.K65
- 186 **Koch, William Frederick, 1885-**  
 The physiology of the parathyroid glands . . . [St. Louis, 1916] 19 p.  
 University of Michigan, 1916, PH. D.  
 "Reprint from the Journal of laboratory and clinical medicine vol. i, no. 5."  
 16-18597 QP187.K75

187 **Krumbhaar, Edward Bell, 1882-**

Transient auricular fibrillation; an electrocardiographic study . . . Chicago, American medical association, 1916. 28 p.

University of Pennsylvania, 1916, PH. D.

"From the John Herr Musser department of research medicine, University of Pennsylvania, Philadelphia."

17-1055

QP111.K8

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17-30193 QE1.J8 vol. 24

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University of Chicago, 1914, PH. D.  
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University of California, 1917, PH. D.

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F1231.G21

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17-13289

HD41.R4

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Columbia university, 1916, PH. D.

17-12625

LB675.L3R4

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17-14233

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The partial enzymatic hydrolysis of yeast nucleic acid . . . [New York? 1916] 26 p.

Johns Hopkins university, 1914, PH. D.

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16-22042

QD341.A2R5

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Columbia university, 1916, PH. D.

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16-22712

F1053.R543

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University of Pennsylvania, 1917, PH. D.

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HG9759.R5

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16-13668

S593.R55

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Influence of certain salts and nutrient solutions on the secretion of diastase by *Penicillium camembertii* . . . [Lancaster, Pa., 1916] 1 p. l., [1], 234-260 p.

Cornell university, 1915, PH. D.

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QK623.P4R7

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17-6384

QK644.R6



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Chromosome studies . . . Pt. I, III.

(In Journal of morphology. Philadelphia, 1915-16. v. 26, no. 1, p. 109-141. v. 27, no. 2, p. 179-331)

Harvard university, 1915, PH. D.

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Columbia university, 1916, PH. D.

16-23133

BF1779.C6R6

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Yale university, 1913, PH. D.

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QK569.F95R6

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17-6386

QP141.R6

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Johns Hopkins university, 1915, PH. D.

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16-13082

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QD341.A2O65

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Columbia university, 1916, PH. D.

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DA559.7.R6

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Biochemical studies of skin . . . New York city, 1916. 38 p.

Columbia university, 1916, PH. D.

17-14818

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17-11852

QB883.R8

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University of Illinois, 1915, PH. D.

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LB1059.R7

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University of Pennsylvania, 1906, PH. D.

17-6373

PT2339.U6S3

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Johns Hopkins university, 1916, PH. D.

16-22090

QD341.A2S118



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Columbia university, 1916, PH. D.

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QD315.S2

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Studies on the formation and antigenic properties of certain compound proteins . . . [Berkeley] 1916. cover-title, p. [157]-204.

University of California, 1916, PH. D.

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17-1063

QR185.S28

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Polymerization of Chinese wood oil . . . [Easton, Pa.] 1916. 1 p. l., 27 p.

University of Michigan, 1915, PH. D.

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TP680.S35

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Studies in the nitrogen metabolism of bacteria . . . [Chicago, American medical association, 1916] 35, [1] p.

Leland Stanford junior university, 1916, PH. D.

17-11861

QR84.S5

298 **Sehrt, Edward Henry, 1888-**

Die formen der konjunktion *und* im westgermanischen . . . [Göttingen, Gedruckt bei Hubert & co., g. m. b. h., 1916] 1 p. l., 31, [1] p.

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16-22709

PD25.H5 nr. 8

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Standard cells and the Nernst heat theorem . . .  
 Easton, Pa., Eschenbach printing company, 1916.  
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Princeton university, 1917, PH. D.  
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QC603.S45

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QK495.B6S5

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University of Wisconsin, 1916, PH. D.

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16-18584

S594.S5

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Columbia university, 1916, PH. D.

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University of Chicago, 1915, PH. D.

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Columbia university, 1916, PH. D.

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Columbia university, 1916, PH. D.

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17-2748

DA559.7.S5

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17-1073

QA316.S5

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QL966.S6

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Columbia university, 1915, PH. D.

Published also without thesis note.

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CT788.A75S5 1916a

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University of Nebraska, 1904, PH. D.

17-9715

LA31.S6

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QC711.S68

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17-3453

QD305.A8S75

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Columbia university, 1916, PH. D.

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University of Chicago, 1915, PH. D.

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University of Chicago, 1914, PH. D.

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New York university, 1915, PH. D.

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HM107.S8

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University of Illinois, 1915, PH. D.

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HD211.I3S7 1916 a



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University of California, 1916, PH. D.

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George Washington university, 1916, PH. D.

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17-25105

TP271.S66

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University of Michigan, 1910, PH. D.

Slip with thesis note inserted.

17-27052

PA2257.S8

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Columbia university, 1916, PH. D.

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University of Pennsylvania, 1916, PH. D.

17-1065

QD181.W1S8

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University of California, 1915, PH. D.

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16-19503

QL368.F5S9 1916 a

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Studies in magic from Latin literature . . . New  
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Columbia university, 1916, PH. D.

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BF1591.T3 1916 a

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16-19508

QL737.R6T37 1916 a

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Johns Hopkins university, 1914, PH. D.

16-10058

QD501.T3

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(Cornell studies in English, ed. by J. Q. Adams, L. Cooper, C. S. Northrup. [II])

Cornell university, 1914, PH. D.

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Columbia university, 1916, PH. D.

Published also as Teachers college, Columbia university, Contributions to education, no. 77.

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Columbia university, 1916, PH. D.

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16-15365

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University of Chicago, 1915, PH. D.

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QD341.A8T85

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17-13699

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University of Chicago, 1913, PH. D.

"A private edition distributed by the University of Chicago libra-  
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16-22701

HB77.T76

**340 Tuttle, John Ross, 1892-**

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tain of their derivatives . . . Easton, Pa., Eschenbach  
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Columbia university, 1916, PH. D.

17-6395

QD341.H9T9

- 341 **Van Epps, George Dudley, 1892-**  
I. Preparation of nitriles. II. Catalytic preparation of nitriles . . . Easton, Pa., Eschenbach printing company [1916] 21, [1] p.  
Johns Hopkins university, 1916, PH. D.  
17-3445 QD305.N7V3
- 342 **Van Nostrand, John James, 1884-**  
The reorganization of Spain by Augustus . . . [Berkeley, 1916] cover-title, 1 p. l., p. [83]-154.  
University of California, 1915, PH. D.  
Published also as University of California publications in history, v. 4 no. 2.  
17-62 DP94.V3
- 343 **Van Riper, Benjamin Whitman.**  
. . . Some views of the time problem . . . Menasha, Wis., George Banta publishing company, 1916. 99 p.  
University of Chicago, 1912, PH. D.  
16-14420 BD632.V3
- 344 **Van Stone, Nathan Edward, 1890-**  
Tautomerism of triarylcabinols; a contribution to the chemistry of free radicals . . . Easton, Pa., Eschenbach printing company, 1916. 42 p.  
University of Michigan, 1916, PH. D.  
17-1075 QD471.V3
- 345 **Van Tuyl, Francis Maurice, 1887-**  
. . . The origin of dolomite . . . Des Moines, 1916.  
2 p. l., [253]-420 p., 1 l.  
(Contributions from the Department of Geology of Columbia university, vol. xxvi, no. 8)  
Columbia university, 1915, PH. D.  
"Reprinted from Iowa geological survey, vol. xxv, annual report, 1914, pp. 251-421."  
17-6399 QE1.C7 vol. 26, no. 8

**346 Vosburgh, Isabelle Marion, *d.* 1914.**

. . . The molecular rearrangement of triphenylmethylhalogenamines . . . [Easton, Pa., Eschenbach printing company, 1916] 19 p.

University of Chicago.

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

"Reprinted from the Journal of the American chemical society, vol 38, no. 10, 1916."

17-3448

QD341.A8V85

**347 Waldstein, Abraham Solomon, 1874-**

. . . The evolution of modern Hebrew literature, 1850-1912 . . . New York, Columbia university press, 1916. vii, 128 p.

(Columbia university Oriental studies, vol. ix)

Columbia university, 1915, PH. D.

Published also without thesis note.

16-14907

**348 Wang, Chang Ping, 1885-**

. . . The general value of visual sense training in children . . . Baltimore, Warwick & York, inc., 1916. vii, 85 p.

(Educational psychology monographs, ed. by G. M. Whipple, no. 15)

University of Michigan, 1914, PH. D.

Without thesis note.

16-23540

LB1059.W3

**349 Ware, Edith Ellen.**

Political opinion in Massachusetts during civil war and reconstruction . . . New York, 1916. 1 p. l., 5-219 p., 1 l.

Columbia university, 1916, PH. D.

Published also as Studies in history, economics, and public law, ed. by the Faculty of political science of Columbia university. vol. LXXIV, no. 2, whole no. 175.

17-13700

E513.W26



## 350 Warren, Lloyd Arthur Heber, 1879-

. . . A class of asymptotic orbits in the problem of three bodies . . . [Baltimore, 1916] 1 p. l., [221]-247, [1] p., 1 l.

University of Chicago, 1913, PH. D.

"Reprinted from American journal of mathematics, vol. xxxviii, no. 3, July, 1916."

16-19500

QB362.W3

## 351 Wasteneys, Hardolph, 1881-

The rate of oxidations in reversed artificial parthenogenesis . . . [Baltimore, The Waverly press, 1916] 1 p. l., 281-298, [3] p.

Columbia university, 1916, PH. D.

Reprinted from Journal of biological chemistry, vol. xxiv, no. 3, March, 1916.

16-13868

QH487.W3

## 352 Watkins, Charles, 1885-

Conductivity, temperature coefficient of conductivity, and percentage dissociation of some rather unusual salts in aqueous solutions . . . [Gettysburg] Gettysburg compiler print [1916] 34 p.

Johns Hopkins university, 1915, PH. D.

16-22033

QD565.W3

## 353 Watson, Minnie Elizabeth, 1886-

Studies on gregarines, including descriptions of twenty-one new species and a synopsis of the eugregarine records from the *Myriapoda*, *Coleoptera* and *Orthoptera* of the world . . . [Urbana, 1916] 258 p.

University of Illinois, 1915, PH. D.

Thesis note on cover and on p. [4]

Published also as Illinois biological monographs, vol. ii, no. 3, January, 1916.

"Contributions from the Zoological laboratory of the University of Illinois under the direction of Henry B. Ward. no. 65."

17-3444

QL368.G8W4

## 354 Weidensall, Clara Jean.

. . . Studies in rhythm . . . Cincinnati, Bohnett & co., printers [1916] 40 p.

University of Chicago, 1910, PH. D.

17-18822

BF475.W4

**355 Weiss, Albert Paul.**

Apparatus and experiments on sound intensity . . .  
[Princeton, University press] 1916. 2 p. l., 59 p.

University of Missouri, 1916, PH. D.

"Published as no. 95 of the Psychological monographs, 1916."

17-27235

QP461.W4

**356 Wentz, Abdel Ross.**

The beginnings of the German element in York County, Pennsylvania . . . Lancaster, Pa., 1916. 1 p. l., 5-217 p.

George Washington university, 1914, PH. D.

"Reprinted from the Proceedings of the Pennsylvania-German society, vol. xxiv."

16-22964

F157.Y6W48

**357 White, Melvin Johnson, 1878-**

The secession movement in the United States, 1847-1852 . . . [New Orleans, Tulane university press, 1916] 122 p.

University of Wisconsin, 1910, PH. D.

17-13089

JK311.W5

**358 Whitney, Walter Ticknor.**

. . . The pole-effect in a calcium arc . . . Chicago, Ill., The University of Chicago press [1916] 1 p. l., p. 65-75.

University of Chicago, 1916, PH. D.

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

"Reprinted from the Astrophysical journal, vol. XLIV, no. 2."

17-3449

QC462.C3W5

**359 Wiest, Edward, 1878-**

The butter industry in the United States; an economic study of butter and oleomargarine . . . New York, 1916. 1 p. l., 5-265 p.

Columbia university, 1916, PH. D.

Published. also as Studies in history, economics, and public law, ed. by the Faculty of political science of Columbia university. vol. LXIX, no. 2; whole no. 165.

16-13355

HD9278.U4W52

## 360 Willcox, Marguerite, 1892—

The reversible replacement of alcohols in aldehyde-alcoholates . . . Easton, Pa., Eschenbach printing co. 1916. 22 p., 1 l.

Bryn Mawr college, 1916, PH. D.

17-1080

QD305.A4W4

## 361 Williams, Mrs. Hattie Plum.

A social study of the Russian German . . . Lincoln, Nebr., 1916. 1 p. l., 101 p.

University of Nebraska, 1916, PH. D.

"Reprinted from University studies, vol. xvi, no. 3, 1916."

16-23451

HN80.L5W5

## 362 Williams, Judith Blow.

A guide to some aspects of English social history, 1750-1850 . . . New York, 1916. 6 p., l., [11]-149, [1] p.

Columbia university, 1916, PH. D.

16-14688

Z7165.G8W6

## 363 Williams, Mary Wilhelmine, 1878—

Anglo-American Isthmian diplomacy, 1815-1915 . . . [Baltimore, The Lord Baltimore press, 1916] xii, 356 p.

(Prize essays of the American historical association. 1914)

Leland Stanford junior university, 1914, PH. D.

Published without thesis note.

16-14677

JX1398.1.W5 1916 a

## 364 Wilson, Charlie Woodruff, 1883—

On the life-history of a soil amoeba . . . [Berkeley, University of California press, 1916] 1 p. l., p. [241]-292.

University of California, 1915, PH. D.

Published also as University of California publications in zoology, v. 16, no. 16, August, 1916.

16-22719

QL368.A5W52

## 365 Wilson, Ernest Dana.

. . . The structure of the atom. Part I—Recent work on the structure of the atom. Part II—The changes of mass and weight involved in the formation of complex atoms. Part III—The structure of complex atoms. The hydrogen-helium system . . . [Easton, Pa., Eschenbach printing company] 1916. 58 p.

University of Chicago, 1915, PH. D.

16-22726

QC173.W6



366 **Wilson, Herrick East.**

. . . Evolution of the basal plates in monocyclic  
*Crinoidea camerata* . . . Chicago, Ill., University of  
Chicago press [1916] [1], 488-508, 534-553, 666-684,  
508-510 p.

University of Chicago, 1913, PH. D.

"A private edition distributed by the University of Chicago libra-  
ries."

"Reprinted from the Journal of geology, vol. xxiv, no. 5, 6, and 7."  
17-3452 QE782.W63

367 **Wold, Peter Irving, 1878-**

The Hall effect and allied phenomena in tellurium . . .  
[Lancaster, Pa., and Ithaca, N. Y., 1916] 1 p. l., p.  
[169]-193.

Cornell university, 1915, PH. D.

"Reprinted from the Physical review, second series, vol. 7, no. 2,  
February, 1916."

16-16379 QC611.W7

368 **Wolman, Leo, 1890-**

The boycott in American trade unions . . . Balti-  
more, 1916. vii, 9-149 p.

Johns Hopkins university, 1914, PH. D.

Published also as Johns Hopkins university studies in histori-  
cal and political science, series xxxiv, no. 1.

16-2443 IID5461.W7 1916 a

369. **Woody, Clifford, 1884-**

Measurements of some achievements in arithmetic . . .  
New York city, Teachers college, Columbia university,  
1916. 3 p. l., 63, [1] p.

Columbia university, 1916, PH. D.

17-4841 BF456.N7W6

370 **Wright, Herbert Francis, 1892-**

Francisci de Victoria De ivre belli relectio . . . Wash-  
ington, The author, 1916. 52 p.

Catholic university of America, 1916, PH. D.

17-1242 JX2159.W8

## 371 Wright, Mrs. Rose (Abel) 1876-

The political play of the restoration . . . [Montesano, Wash., A. E. Veatch, printer, 1916] 2 p. l., 197 p.

Yale university, 1914, PH. D.

17-7491

PR699.P6W7

## 372 Wyatt, Frank Archibald, 1887-

The influence of calcium and magnesium compounds on plant growth . . . [Urbana? 1916] 1 p. l., 589-620, [4] p., 1 l.

University of Illinois, 1915, PH. D.

Published also in the Journal of agricultural research, vol. vi, no. 16, July 17, 1916.

16-22721

QK746.W9

## 373 Yates, Harry Stanley, 1888-

The comparative histology of certain Californian *Boletaceae* . . . [Berkeley, 1916] cover-title, p. [221]-274.

University of California, 1915, PH. D.

Published also as University of California publications in botany, v. 6, no. 10, February 25, 1916.

16-19504

QK629.P7Y3

## 374 Yeaton, Chester Henry, 1886-

. . . Surfaces characterized by certain special properties of their directrix congruences . . . [Milano, Tip.-lit. Rebeschini di Turati e c., 1916] 2 p. l., 33 p.

University of Chicago, 1915, PH. D.

"Reprinted from Annali di matematica, serie III, tomo XXVI, 1916."

17-21523

QA646.Y4

## 375 Yont, Rose.

Status and value of music in education . . . Lincoln, Neb., The Woodruff press, 1916. xiii, 355 p.

University of Nebraska, 1915, PH. D.

16-7671

MT3.U5Y7

## 376 Young, Arthur Nichols, 1890-

The single tax movement in the United States . . . Princeton, Princeton university press; [etc., etc.] 1916. x, 340 p.

Princeton university, 1914, PH. D.

Thesis note on verso of t.-p.

Published also without thesis note

16-22704

HD1313.Y8

**377 Young, Herman H., 1887—**

. . . The Witmer formboard . . . Philadelphia, Pa.,  
1916. cover-title, p. 93-111.

University of Pennsylvania, 1916, PH. D.

Abstract of thesis.

"Reprinted from the Psychological clinic, vol. x, no. 4, June 15,  
1916."

16-18633

LB1117.Y7

**378 Young, Mabel Minerva, 1872—**

Dupin's cyclide as a self-dual surface . . . [Balti-  
more, 1916] 1 p. l., p. [267]-286, 1 l.

Johns Hopkins university, 1914, PH. D.

"Reprinted from American journal of mathematics, vol. xxxviii.  
no. 3, July, 1916."

16-22725

QA603.Y5,

17982°-18—7





## SECTION II

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### CLASSIFIED LISTS OF THE THESES OF 1916, ARRANGED UNDER THE BROAD CLASSES OF THE LIBRARY OF CONGRESS SCHEME

The 29 titles supplementary to the lists of 1912, 1913, 1914,  
and 1915 are included





# CLASSIFIED LISTS OF THE THESES OF 1916, ARRANGED UNDER THE BROAD CLASSES OF THE LIBRARY OF CONGRESS SCHEME

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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 may be found in Section III following.

## Philosophy, Religion

### (Class B)

**Allen, Thomas George.**

. . . Horus in the pyramid texts . . . [Chicago] 1916.  
76 p.

University of Chicago, 1915, PH. D.

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

**Allison, John Maudgridge Snowden, 1888-**

Church and state in the reign of Louis Philippe, 1830-  
1848 . . . Princeton, Princeton university press; [etc., etc.]  
1916. 3 p. l., 178 p.

Princeton university, 1914, PH. D.

**Ayer, Fred Carleton.**

. . . The psychology of drawing, with special reference to  
laboratory teaching . . . [Chicago, 1916] ix p., 1 l., 186 p.

University of Chicago, 1915, PH. D.

"A private edition distributed by the University of Chicago libraries.  
A trade edition [without thesis note] is published by Warwick & York, inc.  
Baltimore, Md., 1916."

**Batson, William Howard.**

Acquisition of skill . . . [Princeton, Princeton university  
press, 1916] 3 p. l., 90, [2] p.

University of Michigan, 1915, PH. D.

"Published as no. 91 of the Psychological monographs."

**Benedict, Laura Estelle Watson, 1861-**

A study of Bagobo ceremonial, magic, and myth . . .  
[New York, 1916] cover-title, p. 1-308.

Columbia university, 1914, PH. D.

"Reprinted from the Annals of the New York academy of sciences, vol.  
xxv . . . Published 15 May, 1916."

"Printed by E. J. Brill, Leyden (Holland)"

**Bruno, John Favata, 1877-**

Rosmini's contribution to ethical philosophy . . . New York, The Science press, 1916. iii, 54 p.

(Archives of philosophy, ed. by F. J. E. Woodbridge, no. 6, February, 1916)

Columbia university, 1915, PH. D.

**Carpenter, Rhys, 1889-**

The ethics of Euripides . . . New York, Columbia university press, 1916. 2 p. l., 48 p., 1 l.

(Archives of philosophy, ed. by F. J. E. Woodbridge, no. 7, May, 1916)

Columbia university, 1916, PH. D.

**Clarke, Edwin Leavitt, 1888-**

American men of letters; their nature and nurture . . . New York, 1916. 2 p. l., 7-171 p.

Columbia university, 1916, PH. D.

Published also as Studies in history, economics, and public law, ed. by the Faculty of political science of Columbia university. v. 72, no. 1; whole number 168.

**Cleveland, Catharine Caroline.**

. . . The great revival in the West, 1797-1805 . . . Chicago, Ill., 1916. 1 p. l., v-xii, 215 p.

University of Chicago, 1914, PH. D.

"A private edition distributed by the University of Chicago libraries. A trade edition [without thesis note] is published by the University of Chicago press."

**Coover, John Edgar, 1872-**

Formal discipline from the standpoint of experimental psychology . . . [Princeton, Princeton university press, 1916] viii, 307, [1] p.

Leland Stanford junior university, 1912, PH. D.

"Published as no. 87 of the Psychological monographs."

**Crawford, John Forsyth.**

. . . The relation of inference to fact in Mill's logic . . . [Chicago] The University of Chicago press, 1916. 1 p. l., 5-50 p.

University of Chicago, 1913, PH. D.

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

Published also as Philosophic studies issued under the direction of the Department of philosophy of the University of Chicago, no. 5.

**Curtis, Josephine Nash, 1889-**

Duration and the temporal judgment . . . [Worcester, Mass., 1916] 1 p. l., 46 p.

Cornell university, 1915, PH. D.

"Reprinted from the American journal of psychology, January, 1916, vol. xxvii, pp. 1-46."

**Dawkins, Mrs. Muriel (Bachelier)**

Mysticism an epistemological problem . . . [New Haven, The Tuttle, Morehouse & Taylor company, 1916] 100 p.

Yale university, 1915, PH. D.

**Doxsee, Carll Whitman, 1887-**

Hume's relation to Malebranche . . . [Boston, 1916] 1 p. l., [1], 692-710 p.

Princeton university, 1916, PH. D.

"Reprinted from the Philosophical review, vol. xxv, no. 5 . . . September, 1916."

**Dunham, James Henry, 1870-**

Freedom and purpose; an interpretation of the psychology of Spinoza . . . [Princeton, Princeton university press, 1916] 3 p. l., 126 p.

University of Pennsylvania, 1913, PH. D.

"Published by Psychological review company as Philosophical monograph. no. 3, 1916."

**Elmore, Wilber Theodore, 1871-**

Dravidian gods in modern Hinduism; a study of the local and village deities of southern India . . . Lincoln, Neb., 1915. cover-title, 149 p.

University of Nebraska, 1915, PH. D.

Published also as University studies, published by the University of Nebraska . . . vol. xv, no. 1. January, 1915.

**Evans, John Ellis, 1882-**

The effect of distraction on reaction time, with special reference to practice and the transfer of training . . . New York, 1916. iii, 106 p., 1 l.

Columbia university, 1916, PH. D.

"Reprinted from Archives of psychology no. 37."



**Faulkner, Harold Underwood, 1890-**

Chartism and the churches; a study in democracy . . .  
New York, 1916. 1 p. l., 5-153 p.

Columbia university, 1916, PH. D.

Published also as Studies in history, economics, and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXIII, no. 3, whole no. 173.

**Ferguson, George Oscar, 1886-**

The psychology of the negro; an experimental study . . .  
New York, 1916. 3 p. l., 138 p., 1 l.

(Columbia university contributions to philosophy and psychology, vol. XXV, no. 1)

Columbia university, 1917, PH. D.

"Reprint of Archives of psychology, no. 36, April, 1916."

**Fisher, Sara Carolyn, 1889-**

The process of generalizing abstraction, and its product, the general concept . . . [Princeton, N. J., Princeton university press, 1916] v, 213 p., 1 l.

Clark university, 1913, PH. D.

"Published as no. 90 of the Psychological monographs."

**Fleming, Daniel Johnson, 1877-**

. . . Devolution in mission administration, as exemplified by the legislative history of five American missionary societies in India . . . New York, Fleming H. Revell company, 1916. 3 p. l., 5-310 p.

University of Chicago, 1914, PH. D.

"A private edition distributed by the University of Chicago libraries. A trade edition [without thesis note] is published by Fleming H. Revell company."

**Funke, Mary Elizabeth, *in religion* Sister Odilia Funke, 1866-**

Meister Eckehart . . . Washington, D. C. [National capital press, inc.] 1916. 120 p., 1 l.

Catholic university of America, 1916, PH. D.

**Geyer, Denton Loring, 1884-**

The pragmatic theory of truth as developed by Peirce, James, and Dewey . . . [Urbana? 1916] 55 p., 1 l.

University of Illinois, 1914, PH. D.

**Girard, William, 1872—**

Du transcendantalisme considéré essentiellement dans sa définition et ses origines françaises . . . [Berkeley, 1916] cover-title, p. [351]—498.

University of California, 1915, PH. D.

Published also as University of California publications in modern philology, v. 4, no. 3, 1916.

**Hale, Will Taliaferro, ed.**

. . . Of reformation touching church-discipline in England, by John Milton, ed. with introduction, notes, and glossary by Will Taliaferro Hale . . . New Haven, Yale university press; [etc., etc.] 1916. lxxxix p., 3 l., 3—224 p.

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

Yale university, 1914, PH. D.

"The text of this edition is that of the first edition (1641), which was the only issue of the pamphlet during Milton's lifetime."—Pref.

**Hamilton, Clarence Herbert.**

. . . A psychological interpretation of mysticism . . . [Chicago] 1916. 85 p.

University of Chicago, 1914, PH. D.

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

**Hemphill, Wesley Lynn, 1886—**

Codex coxianus of the Homilies of Chrysostom on Ephesians and his commentary on Galatians . . . Norwood, Mass., Printed at the Norwood press, 1916. iii p., 1 l., 74 p.

University of Pennsylvania, 1916, PH. D.

**Holstein, Justus Frederick, 1863—**

Rites and ritual acts as prescribed by the Roman religion according to the commentary of Servius on Vergil's Aeneid . . . [New York, Voelcker bros.] 1916. 1 p. l., v, 37 p.

New York university, 1915, PH. D.

**Kawaguchi, Ukichi.**

. . . The bearing of the evolutionary theory on the conception of God—a study in contemporary interpretations of God in terms of the doctrine of evolution . . . [Menasha, Wis., George Banta publishing company] 1916. viii, 103 p.

University of Chicago, 1914, PH. D.

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

**Jones, Roger Miller.**

. . . The Platonism of Plutarch . . . Menasha, Wis., George Banta publishing company, 1916. 153 p.

University of Chicago, 1913, PH. D.

**McCall, William Anderson, 1891-**

Correlation of some psychological and educational measurements, with special attention to the measurement of mental ability . . . New York city, Teachers college, Columbia university, 1916. 3 p. l., 89 p.

Columbia university, 1916, PH. D.

Published also as Contributions to education. Teachers college, Columbia university, no. 79.

**Mode, Peter George.**

. . . The influence of the black death on the English monasteries . . . [Menasha, Wis., George Banta publishing company] 1916. 3 p. l., 104, [1] p.

University of Chicago, 1916, PH. D.

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

**Morgan, John Jacob Brooke, 1888-**

The overcoming of distraction, and other resistances . . . New York, 1916. iii, p., 1 l., 85 p.

Columbia university, 1916, PH. D.

"Reprinted from Archives of psychology, no. 35."

**New, Chester William.**

. . . History of the alien priories in England to the confiscation of Henry v . . . [Menasha, Wis., George Banta publishing company] 1916. x, 96 p.

University of Chicago, 1913, PH. D.

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

**Patterson, William Morrison, 1880-**

The rhythm of prose; an experimental investigation of individual difference in the sense of rhythm . . . New York, Columbia university press, 1916. xxiii, 193 p., 1 l.

(Columbia university studies in English and comparative literature)

Columbia university, 1916, PH. D.

Published also without thesis note.



**Riddell, Walter Alexander, 1881-**

The rise of ecclesiastical control in Quebec . . . New York, 1916. 1 p. l., 5-197 p.

Columbia university, 1916, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university. vol. LXXIV, no. 1; whole no. 174.

**Robinson, James Howard, 1885-**

The great comet of 1680; a study in the history of rationalism . . . Northfield, Minn. [Press of the Northfield news] 1916. vii, 126 p., 1 l.

Columbia university, 1916, PH. D.

**Rosenblatt, Frank Ferdinand, 1882-**

The Chartist movement in its social and economic aspects . . . Part I . . . New York, 1916. 2 p. l., 7-249 p.

Columbia university, 1916, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXIII, no. 1; whole no. 171.

**Slosson, Preston William, 1892-**

The decline of the Chartist movement . . . New York, 1916. 1 p. l., 5-217 p.

Columbia university, 1916, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXIII, no. 2, whole no. 172.

**Stecher, Lorle Ida, 1891-**

The effect of humidity on nervousness and on general efficiency . . . New York, 1916. v, 95 p.

Columbia university, 1916, PH. D.

"Reprinted from Archives of psychology, no. 38."

**Swain, Joseph Ward, 1891-**

The Hellenic origins of Christian asceticism . . . New York, 1916. v, 147 p.

Columbia university, 1916, PH. D.

**Tavenner, Eugene, 1878-**

Studies in magic from Latin literature . . . New York, Columbia university press, 1916. x p., 1 l., 155 p., 1 l.

(Columbia university studies in classical philology)

Columbia university, 1916, PH. D.

Published also without thesis note.

**Van Riper, Benjamin Whitman.**

. . . Some views of the time problem . . . Menasha, Wis., George Banta publishing company, 1916. 99 p.

University of Chicago, 1912, PH. D.

**Weidensall, Clara Jean.**

. . . Studies in rhythm . . . Cincinnati, Bohnett & co., printers [1916] 40 p.

University of Chicago, 1910, PH. D.

**Woody, Clifford, 1884—**

Measurements of some achievements in arithmetic . . . New York city, Teachers college, Columbia university, 1916. 3 p. l., 63, [1] p.

Columbia university, 1916, PH. D.

## History and Topography

(except America)

(Classes C—D)

**Allison, John Maudgridge Snowden, 1888—**

Church and state in the reign of Louis Philippe, 1830—1848 . . . Princeton, Princeton university press [etc., etc.] 1916. 3 p. l., 178 p.

Princeton university, 1914, PH. D.

**Betz, Gottlieb Augustus, 1881—**

Die deutschamerikanische patriotische lyrik der acht- undvierziger und ihre historische grundlage . . . [Philadelphia] 1916. 131 p.

(Americana germanica . . . Editor: Marion Dexter Learned . . . [new ser., no. 22])

University of Pennsylvania, 1913, PH. D.

**Bourne, Ella, 1869—**

A study of Tibur—historical, literary, and epigraphical—from the earliest times to the close of the Roman empire . . . Menasha, Wis., George Banta publishing company, 1916. 74 p., 1 l.

Johns Hopkins university, 1914, PH. D.

**Church, Howard Wadsworth, 1881-**

Friedrich Rückert als lyriker der befreiungskriege . . .  
New York [etc.] G. E. Stechert & co., 1916. ix, 122 p.

Yale university, 1913, PH. D.

Without thesis note.

**Dean, Lindley Richard, 1888-**

A study of the cognomina of soldiers in the Roman legions . . . Princeton, N. J., 1916. 321 p.

Princeton university, 1914, PH. D.

**Edwards, John Bowen, 1883-**

. . . The demesman in Attic life . . . Menasha, Wis.,  
George Banta publishing company, 1916. x, 63 p., 1 l.

Johns Hopkins university, 1914, PH. D.

**Faulkner, Harold Underwood, 1890-**

Chartism and the churches; a study in democracy . . .  
New York, 1916. 1 p. l., 5-153 p.

Columbia university, 1916, PH. D.

Published also as Studies in history, economics and public law, ed. by  
the Faculty of political science of Columbia university, vol. LXXIII, no. 3,  
whole no. 173.

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## POLITICAL SCIENCE

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Yale university, 1913, PH. D.

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University of Illinois, 1914, PH. D.

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University of Pennsylvania, 1906, PH. D.

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University of Michigan, 1910, PH. D.

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Columbia university, 1916, PH. D.

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Cornell university, 1914, PH. D.

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Columbia university, 1915, PH. D.

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Yale university, 1914, PH. D.

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SECTION III  
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INDEX OF SUBJECTS

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SECTION IV

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ALPHABETICAL LIST, BY UNIVERSITY, OF  
DOCTORS WHOSE THESES WERE  
PRINTED IN 1916

With Supplementary Lists, 1912, 1913, 1914, and 1915

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SECTION II

ALPHABETICAL LIST OF UNIVERSITY OF  
DOCTORS WHOSE THESSES WERE  
PRINTED IN 1916

For information of the University of Chicago

1916



## ALPHABETICAL LIST BY UNIVERSITY 1912, FOURTH SUPPLEMENT

The date following the name indicates year degree was conferred

### INDIANA UNIVERSITY

Howard, William Edward, 1909.

## ALPHABETICAL LIST BY UNIVERSITY 1913, THIRD SUPPLEMENT

The date following the name indicates year degree was conferred.

### UNIVERSITY OF CALIFORNIA

Rosenstein, Ludwid, 1914.

### UNIVERSITY OF MINNESOTA

Johnson, Charles Eugene, 1912.

## ALPHABETICAL LIST BY UNIVERSITY 1914, SECOND SUPPLEMENT

The date following the name indicates year degree was conferred.

### UNIVERSITY OF CALIFORNIA

Adams, Elliot Quincy, 1914.

Goodwin, Cardinal Leonidas, 1916.

### COLUMBIA UNIVERSITY

Fausler, Mrs. Harriott (Ely), 1913.

### NORTHWESTERN UNIVERSITY

Buckborough, Siegel A., 1915.

### UNIVERSITY OF WISCONSIN

Meisnest, Frederick William, 1904.



## ALPHABETICAL LIST BY UNIVERSITY 1915, SUPPLEMENT

The date following the name indicates year degree was conferred.

### UNIVERSITY OF CALIFORNIA

Argo, William Lind, 1915.                      Lacey, William Noble, 1915.  
Branch, Gerald Eyre Kirkwood, 1915.

### UNIVERSITY OF CHICAGO

Adams, Charles Christopher, 1908.              Hayhurst, Emery Roe, 1916.  
Dines, Charles Ross, 1915.                      Lewis, Julia Herman, 1915.

### COLUMBIA UNIVERSITY

Eastlack, Herbert Eugene, 1916.              Plant, Edward, 1916.  
Kligler, Israel Jacob, 1915.                      Russell, William Fletcher, 1914.

### CORNELL UNIVERSITY

Douglas, John Frederic Howard, 1914.

### UNIVERSITY OF ILLINOIS

Thompson, Charles Manfred, 1913.

### UNIVERSITY OF IOWA

Bond, Perry Avery, 1915.

### UNIVERSITY OF MINNESOTA

Orfield, Matthias Nordberg, 1913.

### UNIVERSITY OF NEBRASKA

Elmore, Wilber Theodore, 1915.

### UNIVERSITY OF PENNSYLVANIA

Hodges, Henry Green, 1917.                      Victory, Beatrice Marguerite, 1913.

### PRINCETON UNIVERSITY

Dale, Nelson Clark, 1914.

### UNIVERSITY OF WISCONSIN

Hotchkiss, William Otis, 1916.                      Stephenson, Joseph Clark, 1916.





## ALPHABETICAL LIST BY UNIVERSITY, 1916

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

Perry, Lorinda, 1913.

Willcox, Marguerite, 1916.

### UNIVERSITY OF CALIFORNIA

Alter, Wade Dinsmore, 1916.

Brandt, Robert Percy, 1916.

Buwalda, John Peter, 1915.

Chandler, Asa Crawford, 1914.

Chapman, Charles Edward, 1915.

Dice, Lee Raymond, 1915.

Gardner, Willard, 1916.

Gilkey, Helen Margaret, 1915.

Gillespy, Frances Lytle, 1914.

Girard, William, 1915.

Holman, Richard Morris, 1915.

McBeth, Ira Guy, 1916.

Packard, Earl Leroy, 1915.

Pernot, Frederick Eugene, 1915.

Piersol, Robert James, 1916.

Priestley, Herbert Ingram, 1917.

Schmidt, Carl Louis August, 1916.

Stewart, Thomas Dale, 1916.

Swezy, Olive, 1915.

Taylor, Walter Penn, 1914.

Van Nostrand, John James, 1915.

Wilson, Charlie Woodruff, 1915.

Yates, Harry Stanley, 1915.

### CATHOLIC UNIVERSITY OF AMERICA

Cannon, Mary Agnes, 1916.

Funke, Mary Elizabeth, 1916.

McGrail, Aloysius John, 1916.

Neenan, *Sister Mary Pius*, 1916.

Wright, Herbert Francis, 1916.

### UNIVERSITY OF CHICAGO

Allen, Thomas George, 1915.

Ayer, Fred Carleton, 1915.

Barnes, Jasper Converse, 1911.

Basinger, Harvey Raymond, 1915.

Burgess, Ernest Watson, 1913.

Cleveland, Catharine Caroline, 1914.

Coleman, Clyde, 1916.

Crawford, John Forsyth, 1913.

Dempster, Arthur Jeffrey, 1916.

Dutton, Emily Helen, 1913.

Elsesser, Oscar Jacob, 1916.

Eubank, Earle Edward, 1916.

Fleming, Daniel Johnson, 1914.

Gould, Chester Nathan, 1907.

Hamilton, Clarence Herbert, 1914.

Harrington, Ertle Leslie, 1916.

Hassler, Jasper Ole, 1915.

Hazlett, Olive Clio, 1915.

Hoffstadt, Rachel Emilie, 1915.

Hopkins, Louis Allen, 1915.

Humphery, Edmund Charles, 1915.

Hyman, Libbie Henrietta, 1915.

Ihrig, Roscoe Myrl, 1914.

Jones, Roger Miller, 1913.

Kawaguchi, Ukichi, 1914.

Kingston, Harold Reynolds, 1914.

Lees, James Henry, 1915.

Link, George Konrad Karl, 1916.

Loeb, Leonard Benedict, 1916.

Martin, Bertha Edith, 1915.

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|-------------------------------------|---------------------------------------|
| Mather, Kirtley Fletcher, 1915.     | Sheriff, Earl Edward, 1916.           |
| Miller, Carl Danforth, 1916.        | Shull, Charles Albert, 1915.          |
| Miser, Wilson Lee, 1913.            | Silvey, Oscar William, 1915.          |
| Mode, Peter George, 1916.           | Smith, David Melville, 1916.          |
| Moore, Carl Richard, 1916.          | Souder, Wilmer Henry, 1916.           |
| Moulton, Elton James, 1913.         | Stagner, Bert Allen, 1914.            |
| Nelson, Alfred Lewis, 1915.         | Stephenson, Eugene Austin, 1915.      |
| New, Chester William, 1913.         | Stetson, Harlan True, 1915.           |
| Nicholson, George Albert, 1914.     | Stevens, David Harrison, 1914.        |
| Olson, Oscar Ludvig, 1914.          | Tredway, Helen, 1915.                 |
| Pearce, William Tudor, 1916.        | Trever, Albert Augustus, 1913.        |
| Pease, Theodore Calvin, 1914.       | Van Riper, Benjamin Whitman,<br>1912. |
| Preston, Keith, 1914.               | Vosburgh, Isabelle Marion.            |
| Reed, Homer Blosser, 1912.          | Warren, Lloyd Arthur Heber, 1913.     |
| Rigg, George Burton, 1914.          | Weidensall, Clara Jean, 1910.         |
| Roberts, Edith Adelaide, 1916.      | Whitney, Walter Ticknor, 1916.        |
| Roe, Mabel Lewis, 1915.             | Wilson, Ernest Dana, 1915.            |
| Rogers, Fred Terry, 1916.           | Wilson, Herrick East, 1913.           |
| Senior, James Kuhn, 1917.           | Yeaton, Chester Henry, 1915           |
| Shackelford, Benjamin Estill, 1916. |                                       |

## UNIVERSITY OF CINCINNATI

- Braun, Emma Lucy, 1914.

## CLARK UNIVERSITY

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|----------------------------------|----------------------------|
| Andress, James Mace, 1916.       | Jones, Arthur Taber, 1913. |
| Becknell, Guy Gaillard, 1911.    | Jones, George Ellis, 1915. |
| Douglass, Aubrey Augustus, 1917. | Treudley, Mary, 1916.      |
| Fisher, Sara Carolyn, 1913.      |                            |

## COLUMBIA UNIVERSITY

- |  |                                   |
|--|-----------------------------------|
| Adams, Arthur Barto, 1916.               | Egloff, Gustav, 1916.             |
| Aghnides, Nicolas Prodromon, 1916.       | Evans, John Ellis, 1916.          |
| Allinson, May, 1916.                     | Farr, Clifford Harrison, 1916.    |
| Altenburg, Edgar, 1916.                  | Faulkner, Harold Underwood, 1916. |
| Baker, John Clark, 1916.                 | Ferguson, George Oscar, 1917.     |
| Benedict, Laura Estelle Watson,<br>1914. | Ferguson, John De Lancey, 1916.   |
| Blachly, Frederick Frank, 1916.          | Fischer, Siegfried, 1916.         |
| Booge, James Eliot, 1916.                | Goodrich, Hubert Baker, 1916.     |
| Boughton, Alice C., 1917.                | Goucher, Frederick Shand, 1917.   |
| Bridges, Calvin Blackman, 1916.          | Griggs, Mary Amerman, 1917.       |
| Bruno, John Favata, 1915.                | Haeberlin, Herman Karl, 1915.     |
| Byrne, Marie José, <i>Sister</i> , 1915. | Hauch, Edward Franklin, 1916.     |
| Carpenter, Rhys, 1916.                   | Heaton, Harry Clifton, 1916.      |
| Chandler, Henry Alfred Ernest, 1916.     | Hegland, Martin, 1915.            |
| Chu, Chin, 1916.                         | Hibbs, Henry Horace, 1916.        |
| Clarke, Edwin Leavitt, 1916.             | Hitti, Philip Khûri, 1915.        |
|  | Hoke, Kremer Jacob, 1916.         |



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|-------------------------------------|--|
| Kurz, Harry, 1916.                  | Rosenblatt, Frank Ferdinand, 1916.       |
| Larson, Carl William, 1916.         | Rosenthal, George Jacob, 1916.           |
| Laubach, Frank Charles, 1916.       | Scatchard, George, 1916.                 |
| Leslie, Eugene Hendricks, 1916.     | Shultz, Birl Earl, 1916.                 |
| Luker, Benjamin Franklin, 1916.     | Simeral, Isabel, 1916.                   |
| McCall, William Anderson, 1916.     | Slosson, Preston William, 1916.          |
| McFall, Robert James, 1916.         | Smith, Florence Mary, 1915.              |
| McMackin, Frank Joseph, 1916.       | Stecher, Lorle Ida, 1916.                |
| Manning, Clarence Augustus, 1915.   | Surrey, Mrs. Nancy Maria (Miller), 1916. |
| Metz, Charles William, 1916.        | Swain, Joseph Ward, 1916.                |
| Miner, Maude Emma, 1917.            | Tavanner, Eugene, 1916.                  |
| Mitchell, Julia Post, 1916.         | Trabue, Marion Rex, 1916.                |
| Mook, Charles Craig, 1915.          | Trebein, Bertha Eleanor, 1916.           |
| Morgan, John Jacob Brooke, 1916.    | Tuttle, John Ross, 1916.                 |
| Mueller, John Howard, 1916.         | Van Tuyl, Francis Maurice, 1915.         |
| Muller, Hermann Joseph, 1916.       | Waldstein, Abraham Solomon, 1915.        |
| O'Connell, Marjorie, 1916.          | Ware, Edith Ellen, 1916.                 |
| Patterson, William Morrison, 1916.  | Wasteney, Hardolph, 1916.                |
| Perlzweig, William Alexander, 1916. | Wiest, Edward, 1916.                     |
| Pierson, William Whatley, 1916.     | Williams, Judith Blow, 1916.             |
| Reigart, John Franklin, 1916.       | Woody, Clifford, 1916.                   |
| Riddell, Walter Alexander, 1916.    |  |
| Robinson, James Howard, 1916.       |  |

#### CORNELL UNIVERSITY

- |                                   |                                 |
|-----------------------------------|---------------------------------|
| Burgess, Robert Wilbur, 1914.     | Livingston, Alfred Erwin, 1914. |
| Curtis, Josephine Nash, 1915.     | Massey, Louis Melville, 1916.   |
| Etheridge, William Carlyle, 1916. | Mix, Arthur Jackson, 1916.      |
| Gephart, Frank Curtis, 1916.      | Osner, George Adin, 1915.       |
| Gibson, Kasson Stanford, 1916.    | Plummer, James Kemp, 1915.      |
| Guthrie, Edward Sewall, 1913.     | Robbins, William Jacob, 1915.   |
| Hesler, Lexemuel Ray, 1914.       | Rose, Clifford Coutant, 1915.   |
| Howe, Harley Earl, 1916.          | Thayer, Mary Rebecca, 1914.     |
| Ladd, Carl Edwin, 1915.           | Wold, Peter Irving, 1915.       |
| Lake, Dyer Barker, 1916.          |                                 |

#### GEORGE WASHINGTON UNIVERSITY

- |                               |                          |
|-------------------------------|--------------------------|
| Hall, Maurice Crowther, 1915. | Wentz, Abdel Ross, 1914. |
|-------------------------------|--------------------------|

#### HARVARD UNIVERSITY

- |                                  |  |
|----------------------------------|--|
| Hawkins, Richmond Laurin, 1908.  | Phoutrides, Aristides Evangelus, 1915. |
| Huse, Charles Phillips, 1907.    | Powers, Sidney, 1915.                  |
| Hustvedt, Sigurd Bernhard, 1915. | Robertson, William Rees Brebner, 1915. |
| Murdoch, Joseph, 1915.           |  |
| Percival, Milton, 1914.          |  |

## UNIVERSITY OF ILLINOIS

- |                                   |                                 |
|-----------------------------------|---------------------------------|
| Barto, Philip Stephan, 1913.      | Lillehei, Ingebrigt, 1914.      |
| Becker, Albert John, 1915.        | Mathewson, Louis Clark, 1914.   |
| Burd, Henry Alfred, 1915.         | Mitchell, Harold Hanson, 1915.  |
| Burlison, William Leonidas, 1915. | Mosher, Edna, 1915.             |
| Clark, Fred Emerson, 1916.        | Muncie, Fred Weaver, 1915.      |
| Engle, Edgar Wallace, 1916.       | Nathanson, Jonas Bernard, 1916. |
| Geyer, Denton Loring, 1914.       | Peltier, George Leo, 1915.      |
| Gutberlet, John Earl, 1914.       | Peterson, Alvah, 1915.          |
| Held, Felix Emil, 1914.           | Rugg, Harold Ordway, 1915.      |
| Holley, Charles Elmer, 1915.      | Smith, Orrin Harold, 1914.      |
| Jones, Lloyd Theodore, 1915.      | Stewart, Charles Leslie, 1915.  |
| Kamm, Oliver, 1915.               | Watson, Minnie Elizabeth, 1915. |
| Lewis, Henry Fletcher, 1916.      | Wyatt, Frank Archibald, 1915.   |

## INDIANA UNIVERSITY

- Kettleborough, Charles, 1916.

## JOHNS HOPKINS UNIVERSITY

- |                                  |                                    |
|----------------------------------|------------------------------------|
| Blocher, John Milton, 1916.      | Miller, Bessie Irving, 1914.       |
| Bourne, Ella, 1914.              | Moseley, Thomas Addis Emmet, 1915. |
| Churchill, Edward Perry, 1916.   | Myrick, Raymond Thompson, 1916.    |
| Clarke, Walter Fieldhouse, 1914. | Ordeman, George Frederick, 1916.   |
| Connolly, Gerald Charles, 1916.  | Overbeck, Robert Milton, 1915.     |
| Dolley, William Lee, 1914.       | Pardee, Arthur McCay, 1916.        |
| Donaldson, John Levi, 1914.      | Richards, Annabella Elliott, 1914. |
| Edwards, John Bowen, 1914.       | Rogers, Lindsay, 1915.             |
| Goldman, Marcus Isaac, 1913.     | Sachs, John Harrison, 1916.        |
| Gorton, Arthur Feddeman, 1915.   | Sehrt, Edward Henry, 1915.         |
| Gossard, Harry Clinton, 1914.    | Taylor, William Anthony, 1914.     |
| Hopkins, Marin Byrd, 1915.       | Van Epps, George Dudley, 1916.     |
| Janes, George Milton, 1913.      | Watkins, Charles, 1915.            |
| Kimball, John Willard, 1916.     | Wolman, Leo, 1914.                 |
| McCall, Arthur Gillett, 1916.    | Young, Mabel Minerva, 1914.        |
| Markel, Paul David, 1916.        |                                    |
| Meredith, Clement Orestes, 1912. |                                    |

## LELAND STANFORD JUNIOR UNIVERSITY

- |                            |                                  |
|----------------------------|----------------------------------|
| Coover, John Edgar, 1912.  | Sears, Harry Johnson, 1916.      |
| Curry, Walter Clyde, 1915. | Williams, Mary Wilhelmine, 1914. |
| Reining, Charles, 1915.    |                                  |

## MASSACHUSETTS INSTITUTE OF TECHNOLOGY

- Ellis, James Hawes, 1916.

## UNIVERSITY OF MICHIGAN

Barker, Ernest Franklin, 1915.	Hocker, Carl Dewitt, 1915.
Batson, William Howard, 1915.	Koch, William Frederick, 1916.
Benedict, Suzan Rose, 1914.	Pieters, Adrian John, 1915.
Church, Henry Ward, 1915.	Rufus, Will Carl, 1915.
Coons, George Herbert, 1915.	Schumann, Carl Louis, 1915.
Crump, Clifford Charles Cook, 1916.	Sturgis, James Wellings, 1910.
Ferguson, Alfred Lynn, 1915.	Van Stone, Nathan Edward, 1916.
Fuller, George Newman, 1912.	Wang, Chang Ping, 1914.
Hadley, Laurence, 1915.	

## UNIVERSITY OF MINNESOTA

Allen, William Fitch, 1915.	Brinton, Paul Henry Mallet-Prevost, 1916.
Baumgartner, Edwin A., 1915.	
Blish, Morris Joslin, 1915.	Hoskins, Elmer Roy, 1916.

## UNIVERSITY OF MISSOURI

Weiss, Albert Paul, 1916.

## UNIVERSITY OF NEBRASKA

Boerker, Richard Hans, 1916.	Williams, Mrs. Hattie Plum, 1916.
Smith, Frank Webster, 1904.	Yont, Rose, 1915.

## NEW YORK UNIVERSITY

Bunker, Frank Forest, 1913.	Lacey, Thomas James, 1915.
Holstein, Justus Frederick, 1915.	Stevenson, Beatrice L., 1915.

## NORTHWESTERN UNIVERSITY

Jones, Horry Matthew, 1916.

## OHIO STATE UNIVERSITY

Cogan, Eric Sydney Earle, 1916.

## UNIVERSITY OF PENNSYLVANIA

Betz, Gottlieb Augustus, 1913.	Hulton, Florence, 1916.
Boucke, Oswald Fred, 1916.	Johnson, George, 1911.
Corwin, Edward Samuel, 1905.	Kline, John Robert, 1916.
Crennan, Charles Halloway, 1916.	Krumbhaar, Edward Bell, 1916.
Dubin, Harry, 1916.	Lattimore, Eleanor Larrabie, 1916.
Dunham, James Henry, 1913.	McCallie, Joseph Madison, 1912.
Fineman, Hayim, 1917.	Marriott, Ross Walter, 1911.
Fleming, Ralph Douglas, 1916.	Priestley, Herbert Ingram, 1917.
Hawkes, Ernest William, 1915.	Riegel, Robert, 1917.
Hemphill, Wesley Lynn, 1916.	Sachs, Harry Baruch, 1906.
Hessler, Lewis Burton, 1916.	Stonex, Arthur Bivins, 1914.
Hill, Joseph Bennett, 1916.	Sweeney, Orland Russell, 1916.
Hoekstra, Peter, 1915.	Young, Herman H., 1916.



## PRINCETON UNIVERSITY

- |   |                                  |
|---|----------------------------------|
| Allison, John Maudgridge Snowden, 1914. | Gibbons, Herbert Adams, 1914.    |
| Chapman, Albert Kinkade, 1916.          | Hall, Clifton Rumery, 1914.      |
| Compton, Wilson Martindale, 1915.       | Henderson, William Noland, 1916. |
| Cummings, Hubertis Maurice, 1914.       | Lester, Horace Hardy, 1915.      |
| Dean, Lindley Richard, 1914.            | Lipscomb, Guy Fleming, 1916.     |
| Deferrari, Roy Joseph, 1915.            | Martin, James Cook, 1913.        |
| Doxsee, Carll Whitman, 1916.            | Siebert, Frank Moyers, 1917.     |
|   | Young, Arthur Nichols, 1914.     |

## SYRACUSE UNIVERSITY

- Barney, Winfield Supply, 1916.

## UNIVERSITY OF TEXAS

- Hartmann, Carl Gottfried, 1915.

## VANDERBILT UNIVERSITY

- Li, Tien Lu, 1916.

## UNIVERSITY OF VIRGINIA

- Dingus, Leonidas Reuben, 1914.

## WASHINGTON UNIVERSITY, ST. LOUIS

- |                               |                               |
|-------------------------------|-------------------------------|
| Emig, William Harrison, 1915. | Gilman, Joseph Charles, 1915. |
|-------------------------------|-------------------------------|

## UNIVERSITY OF WISCONSIN

- |                                 |                               |
|---------------------------------|-------------------------------|
| Boyd, Clarence Eugene, 1909.    | Keller, William Jacob, 1914.  |
| Byrne, Eugene Hugh, 1915.       | Roxas, Manuel Luz, 1916.      |
| Gray, Frank, 1916.              | Sherman, James Morgan, 1916.  |
| Hammond, Lester Davisson, 1916. | Smith, Elizabeth Anita, 1915. |
| H'Doubler, Francis Todd, 1910.  | Stoeckle, Erwin Rudolf, 1916. |
| Ibsen, Heman Lauritz, 1916.     | White, Melvin Johnson, 1910.  |

## YALE UNIVERSITY

- |   |                                    |
|---|------------------------------------|
| Ball, Stanley Crittenden, 1915.         | Hahn, Dorothy Anna, 1916.          |
| Bidwell, Percy Wells, 1915.             | Hale, Will Taliaferro, 1914.       |
| Church, Howard Wadsworth, 1913.         | Robinson, William Alexander, 1913. |
| Dawkins, Mrs. Muriel (Bachelier), 1915. | Wright, Mrs. Rose (Abel), 1914.    |



