







July 10, 1910

ienth series, No. 26.



Columbia Aniversity Bulletin of Information

LIST OF THESES

SUBMITTED BY

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

IN

COLUMBIA UNIVERSITY

1872-1910

Published by Columbia University in the City of Rew York Morningside Heights New York, N. Y.

LD1037 .9 1910

Columbia Aniversity Bulletin of Information

Issued 25 times during the Academic Year, monthly in November and December, and weekly between February and June Entered is succoulled, so matter at the New York, N. Y. Post Office, Dec. 22, 1900, under the Act of July 16, 1834.)

There bulletins include :

- r. The Reports of the President and Treasurer to the Trustees.
- 2. The Catalogue of the University, issued in December, price 25 cents.
- 2. The Announcements of the several Colleges and Schools and of certain Divisions, issued in the Spring, and relating to the work of the next year. These are made as accurate as possible, but the right is reserved to make changes in detail as circumstances require. The current number of my of these Announcements will be sent without charge upon application to the Secretary of the University.

LIST OF THESES SUBMITTED BY CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN COLUMBIA UNIVERSITY, 1872-1910.

This list comprises titles of dissertations submitted by cancidates for the degree of Doctor of Philosophy in Columbia University. These number 654. Certain theses of which the library possesses no copy are indicated by asterisks preceding the titles.

Omissions that are reported will be included in a subsequent list, and the presentation of copies of theses not now in the library will be welcomed.

Copies of many of the theses are in stock, and may be obtained in exchange for works of a similar character upon application to the Librarian of the University.

This list was compiled by Alice L. Miller, reference librarian.

May 19, 1910.

1872

*Marsh, Charles Wells. Geology of water supplies and water analyses Т

1875

Waller, Elwyn. Disinfection and disinfectants. Cambridge, Riverside 2 Press. 1874. O 13p.

Repr. from American Public Health Association of 1874

1876

- *Iles, Malvern W. New tests in qualitative analysis. 3 New metallurgical processes.
- Ricketts, Pierre De P. Notes on assaying, and assay schemes. New 4 York Art Printing Establishment. 1876. O 172p. ill.

1877

On a mode of determining the velocity of sound in Ihlseng, Magnus C. 5 wood. O 8p.

In American Journal of Science 1879, v. 17.

A new method of determining the modulus of elasticity of metals, wood etc.

*Munroe, Henry S. Yesso coals. Tokei. Published by the Kaitakushi. 6 1874. O 39p. tables.

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The state

Analysis of "The Calorific value of Western Lignites." Published in R. W. Raymond's article in The Engineering & Mining Journal. v. 15.

2

7 *Love, Edward G. Economic geology and chemical technology of clay and clay wares.

1879

- *Britton, Nathaniel L. The geology of Staten Island, the examination of 8 American tellurium minerals.
 - Church, John A. The Comstock lode, its formation and history. New York. John Wiley & Sons. 1879. F 4+1+226p. pl.
- 10 Firving, Reland D. The geology and mineralogy of central Wisconsin.

1880

- *Cushman, Alexander R. Phenols in their relations to sulphur and 12 oxvgen.
- *Davis, John Woodbridge. Problems in applied mathematics. 13
- *Drummond, Isaac W. Certain pigments. 14
- *Hasegawa, Yothinosuke. On the catalan of northern New York. 15
- *Matsui, Nawakichi. On the nature of the materials used in the manu-16 facture of the arita porcelain of Japan.
- *Morewood, George B. The alleged poisonous properties of green wall 17 paper.
- *Reed, Sylvanus A. The investigation of Professor Mayer's method of locating wave surfaces in media surrounding sounding bodies. 18
- *Tucker, John H. Sugar analysis. 10

T881

*Hutton, Frederick R. Machine tools. 20

1882

- *Eliot, Walter G. The water supply of American cities and towns. 21
- *Wiechmann, Ferdinand G. Fusion structures in meteorites, the Baumé 22 hydrometers.

1883

Bijur, Nathan. History of the charter of New York City, 1642-1857. 23 Q 218p.

Type-written manuscript.

- *Elliott, Arthur H. Geology and chemistry of building stones. 24
- *Hallock, Albert P. The recent improvements in gas making. 25
- 26 Herzog, F. Benedict. The railroad transportation question, and the objections to specific legislation as a cure for railroad abuses (unfinished). New York, Gilliso. 1883. O 77p.
- 27
- *Neftel, J. W. Knight. On milling machinery. *Traphagen, Frank W. The chemical and physiological effects of fungi 28 in general; the geological relation of the Cincinnati group.

. . . 9

- 30 *Butler, Nicholas Murray. A study in the history of logical doctrine.
- 31 *Munsell, Charles E. Parallelism between the chemical compositions and the geological positions of the carbon minerals.
- 32 *Neymann, Percy. The determination of conditions for the transformation of hydro carbons of the fatty series into those of the aromatic origin and condition of carbonaceous matter in bituminous shales.
- 33 *Porter, John B. The iron ores of the region of southern Tennessee and the surrounding states.
- 34 Rambaut, Thomas D. A sketch of the constitutional history of Canada. New York. F. & E. Greenebaum. O 60p.
- 35 *Share, William W. Electrical measurements in connection with exciting fluids in batteries.

1885

- 36 Bancroft, Frederic A. A sketch of the negro in politics, especially in South Carolina and Mississippi. New York, J. F. Pearson. 1885. O 92p. bibliog.
- 37 Barrell, Harry F. An outline of Anglo-Saxon law. New York. J. F. Pearson. 1885. O 84p. bibliog.
- 38 Bernheim, Abraham C. The history of the law of aliens, from the standpoint of comparative jurisprudence. New York. J. F. Pearson. 1885. O 194p. bibliog.
- 39 Dunning, William Archibald. The constitution of the United States in civil war and reconstruction. 1860–1867. New York. J. F. Pearson. O 131p. bibliog.
- 40 *Egbert, James C., Jr. Pindar. 165p. Manuscript copy.
- 41 Satterlee, Herbert Livingston. Political history of the province of New York. New York. Pearson. 1885. 107p. bibliog.
- 42 *Seligman, Edwin R. A. Two chapters on the mediæval guilds of England.

American Economic Association Publications, v. 2, no. 5

43 *Vulté, Hermann T. A new aldehyde of carvacrol. Technology of the wood pulp process.

- 44 Bowen, John Eliot. The conflict of the east and west in Egypt. New York. Independent Press. 1886. O 114p. bibliog.
- **45 Dodge,** Daniel K. The syntax of the subjunctive mood in the Egils saga. New York. 1886. O 74p.
- 46 Edgerton, Winifred H. Multiple integrals. Q 84p. Manuscript copy.
- 47 *Pott, William H. Modern ethics.
- 48 Spahr, Charles B. The taxation of labor. New York. 1886. O 58p.

- 49 Stilwell, Samuel E. The catenary. New York. 1886. O 126p. Manuscript copy.
- 50 Walther, Hugo J. Syntax of cases in Walther von der Vogelweide. 1886. O 68p. Manuscript copy.

51 *Clark, Franklin S. The products of wood distillation. The phosphates of South Carolina.

1888

- 52 Cornwall, Henry B. Manual of blowpipe analysis, qualitative and quantitative, with a complete system of determinative mineralogy. New York. Van Nostrand. 1882. 10+308p. ill. pl.
- 53 *Fiske, Thomas S. The theory of concomitants of algebraic form.
- 54 *Leipziger, Henry M. The philosophy of the new education.
- 55 *Linehan, Daniel F. A criticism of Kant's synthetic a priori judgments. Manuscript copy.
- 56 *McCrea, Nelson G. The state, as conceived by Plato and Aristotle.
- 57 *Northrup, John I. The occurrence of aluminium and the manufacture of aluminium and its alloys.
- 53 Wasson, Edmund Atwill. The case uses in Anglo-Saxon. 1888. O 248p. Manuscript copy.
- 59 Weil, Robert. Legal status of the Indian. New York. 1888. O 76p.

1889

- Black, George A. History of municipal ownership of land on Manhattan Island, to the beginning of sales by the commissioners of the sinking fund in 1844. 1889. O 6op. 7 maps.
- 61 Clarke, Charles Washburn. A chapter of the Eastern question. 48p.

Manuscript copy.

62 Earle, Mortimer Lamson.

Original manuscript in Latin. Reprinted in part in English under the title "A Sikyonian Statue," in American Journal of Archaeology vol. 5, p. 292-303.

63 Osgood, Herbert Levi. Socialism and anarchism. Boston. Ginn. 1889. O 71p.

Extract from Political Science Quarterly. 1886-89. v. 1-4.

- 64 *Simonds, Francis M. The occurrence and manufacture of aluminum, nickel and cobalt, and chlorination of gold ores.
- 65 Taylor, Washington Irving. Employers' liability to their workmen for accidents incurred in the course of their employment and state regulation of dangerous industries. New York. Vanden Houghton. 1888. O 125p.

- 66 Aitken, William Benford. The Dominion of Canada; a study of annexation. New York. Van Sicien. 1888. O 106p. bibliog.
- 67 Dean, Bashford. Placoderm and armored catfish; a comparative stud of their pineal fontanelle. 1890. Q 63p. 19pl. bibliog.
- 68 *Dodge, Frank D. Oil of citronella.
 - Fluorescence.
- 69 Frost, Thomas Gold. French constitution of 1793. New York. Chasmar. 1888. O 46p.
- 70 Herrick, Frederick Morris. Attic law of status, family relations and succession, in the 4th century, B.C., systematically and comparatively considered. New York. Middleditch. 1890. O 73p.
- 71 *Hollerith, Herman. In connection with the electric tabulation system which has been adopted by U. S. government for the work of the census bureau.
- 72 Humphreys, Willard Cunningham. Government and education in the United States. New York. Chasmar. 1888. O 52p.
- 73 Keasbey, Lindley Miller. The early diplomatic history of the Nicaragua canal. Newark. Holbrook Printing Co. 1890. O 8+130p. map.
- 74 Knapp, Charles. De usu atque elocutione Auli Gellii. New York. 1890. Q 252p.
- 75 *Merrill, Frederick J. H. The origin of the serpentines in the vicinity of New York City.
- 76 *Moses, Alfred J. Methods of blow pipe analysis.
- 77 Peters, Thomas McC. A picture of town government in Massachusetts Bay Colony at the middle of the seventeenth century as illustrated by the town of Boston. New York. McWilliams Printing Co. O 74p. bibliog.
- 78 Stanton, Stephen. Behring Sea dispute. New York. King. O 5+58 +3p.
- 79 West, Gerald Montgomery. Status of the negro in Virginia during the colonial period. New York. Jenkins. O 1+76p.

1891

- 80 Fenton, John Fieldhouse. Theory of the social compact and its influence upon the American Revolution. New York. 1891. O 77p.
- 81 Goss, John Dean. History of the tariff administration in the United States from colonial times to the McKinley administrative bill. New York. 1891. O 87p. (Studies in history, economics and public law. 1891. v. i., no. 2.)
- 82 Lorenz, Daniel Edward. The theology of Kant. 1891. Q 93p. Type-written manuscript.
- 83 Margolis, Max L. Commentarius Isaacids-quateuus ad textum Talumdis investigandum adhiberi possit, tractatu erublim ostenditur. New York. Association Ginsberg. 1891. O 71p.
- 84 Menken, Percival S. Regulation of the liquor traffic. New York. 1891. O 77p.

Manuscript copy

85 Willcox, Walter Francis. The divorce problem; a study in statistics. New York. 1891. O 74 + 1p.

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- 86 Woodward, Benjamin Duryea. Palatal consonants in English. New York. 1891. O 58+1P.
- 87 Young, Clarence Hoffman. Erchia; a deme of Attica. New York. Young, 1891. O 67p.

1892

- 88 Douglas, Charles H. J. Financial history of Massachusetts from the organization of the Massachusetts Bay Colony to the American Revolution. New York. 1892. O 148 + 2p.
- 89 *Illman, Robert I. B. The Greek epistle of St. Paul to the Romans; an exposition with introduction and critical notes. New York. 1892. O 504p.

Manuscript copy.

90 Joy, Edmund Steele. Right of the territories to become states of the union. Newark. 1892. O 43+1p.

1893

- 91 Bishop, Cortlandt Field. History of elections in the American colonies. New York. 1893. O 5+297+1p.
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- 94 Deghuée, Joseph Albert. Acids in the juice of the sugarcane (saccharum officinarum). New York. Drummond. 1893. O 31p.
- 95 Dunscomb, S. Whitney, Jr. Bankruptcy; a study in comparative legislation. New York. 1893. O 167+1p.
- 96 Hourwich, Isaac A. The economics of the Russian village. New York. 1892. O 182+1p.
- 97 Humason, Thomas Arthur. The sperometer-caliper. 1892. O 18p. ill.
- 98 Moldenke, Alfred Bernard. Babylonian contract tablets in the Metropolitan Museum of Art. New York. 1893. O 6+2+7 op.
- 99 Odell, George C. D. Simile and metaphor in the English and Scottish ballads. New York. 1892. O 107p.
- 100 Ripley, William Zebina. Financial history of Virginia 1609-1776. New York. Columbia University Press. 1893. O 170p. (Studies in history, economics and public law. v. 4, no. i.)
- 101 Rosewater, Victor. Special assessment, a study in municipal finance New York. 1893. O 153p.
- 102 West, Max. The inheritance tax. New York. Columbia University Press. 1908. 2d. ed. enl. O 249p. tab. (Studies in history, economic and public law. v. 4, no. 22.)

- 103 Baldwin, Charles Sears. Inflections and syntax of the Morte d' Arthur. Boston. Ginn. 1894. Sq. O. 10+156p.
- ***Banks**, John Henry. Investigation of the physical and chemical properties of copper and of some of its alloys.

- 105 Breckenridge, Roeliff Morton. Canadian banking system, 1817-1800. Toronto. 1894. O 363p. tab. bibliog.
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- 108 Drake, Allison Emery. Authorship of the West Saxon Gospels. New York. E. Scott. 1894. 0 45+2p.
- Eckoff, William Julius. Kant's inaugural dissertation of 1770; tr. into 109 English, with an introduction and discussion by W. J. Eckoff. Denot. of Philosophy and education, Contributions. 1894. v. I, (2 p., 101p).
- *Gosling, Edward Bonaparte. Ozocerite. 110
- Griffing, Harold. On sensations from pressure and impact, with special reference to the intensity, area and time of stimulation. New York. III 1895. O 4+89p. ill.
- Hertz, Joseph Herman. Ethical system of James Martineau. New York. 112 1894. 085+1p.
- *Horne, William Dodge. Recent improvements in sugar machinery and 113 sugar treatment.
- tington, Harwood. Certain new derivatives in the aromatic series. New York. 1894. O 23p. 114 Huntington, Harwood.

Repr. New York Academy of Sciences. Annals. v. 8.

115 * Jouet, Cavalier Hargrave. An investigation of the rare earths of thorium. cerium, didymium and lanthnum.

Cretaceous rocks of Long Island.

- *Lederle, Ernst Joseph. Nitrates and nitrites; their detection and esti-mation, and their relation to plant life. 116
- Luquer, Lea McIlvaine. The optical recognition and economic importance 117 of the common minerals found in building stones. 52p. Repr. from the School of Mines Quarterly. v. 15.

The relative effects of frost and the sulphate of soda tests no building stones. 22p.

Repr. from the American Society of Civil Engineers. Transactions. v. 33.

- McIlhiney, Parker C. Investigation on certain methods of analysis of fats and resins. Easton Chemical Pub. Co. O 31p. 118
- *McKenna, Charles Francis. The chemical & physical properties of 119 bronzes.
- McLean, James A. Essays in the financial history of Canada. New York. 120 1894. O 56p.
- 121
- Miller, Edmund Howd. Succinimid. Easton Chem. Pub. Co. O 39p. *Pitkin, Lucius. Atmospheric dust in its chemical and bacteriologica 122 relations.
- *Rees, John Krom. The determination by original investigation of the 123 position constants of Columbia College observatory.
- Rogers, James Dennison. Language of Aeschylus compared with the language of the Attic inscriptions prior to 456 B.C. New York. Putnam. 1894. 06+58p. 124
- Struthers, Joseph, Jr. On the study of slags from lead furnaces, with 125 the object of producing liquation or crust effects.

Repr. from the School of Mines Quarterly, v. 16, no. 4, p. 356-76.

- 126 *Vanderpoel, Frank. The nitrogen compounds of cellulose. The deposit of infusorial earth near Drakesville. N. I.
- 127 Wilde, Norman. Friedrich Heinrich Jacobi; a study in the origin of German realism. New York. 1894. O 79p.
- 128 Wood, Frederick Augustus. History of taxation in Vermont. New York. Columbia University Press. 1894. O 128p. (Studies in history, economics and public law, v. 4, no. 3.)

- 129 Bayles, George James. The office of Mayor in the United States. New York, 1895. 074+10.
- 130 Brandt, Francis Burke. Friedrich Edward Beneke. New York. 1895. O 169p.
- 131 Bullowa, Ferdinand Ezra M. History of the theory of sovereignty. New York. W. R. Jenkins. 1895. D 81+10.
- 132 Cooper, Frederic Taber. Word formation in the Roman sermo plebius. New York. Trow Directory Co. 1895. 0 47+329+1p.
- 133 Davis, Herman Stearns. Parallax of n Cassio peiæ, deduced from the Rutherfurd photographic measures. New York. 1895. O 25p. 5 tables. (Columbia University Observatory Contributions no. 6.) Repr. from New York Academy of Sciences. Annals. v. 8.
- 134 Dyar, Harrison G. On certain bacteria from the air of New York City. O 59p. (Studies from the pathological laboratory of the College of Physicians and Surgeons. 1894-95. v. 4, no. 12.) Repr. from New York Academy of Sciences. Annals. 1895. v. 8.
- 135 Jacoby, Harold. Sur la reduction des clichés astrophotographiques. Paris. Gauthier-Villars. 1896. Q 14p. tables. Extract Institut de France, Academie des sciences, bulletin du Comité Internationale permanent pour l'execution photographique de la carte du ciel.
- Matthew, William Diller. Effusive and dyke rocks near St. John. N. B. (1895.) O 31p. 6pl. ill. (Contributions from Geological Dept. of Columbia College. v. 4, no. 30.) Repr. New York Academy of Sciences. Transactions v. 14, 1894.
- 137 Millikan, Robert Andrews. On the polarization of light emitted from the surfaces of incandescent solids and liquids. New York. 1895. O 31p. ill.

Repr. New York Academy of Sciences. Transactions. May 18, 1895.

138 *Pettit, Mrs. Anna Stockton. Arachis hypogaea.

v. 3, 1896.

- 139 Small, John Kunkel. Monograph of the North American species of the Genus Polygonom. New York. 1895. Sq. F 183p. pl. Lancaster. New Era Printing Co. (Columbia University, Dept. of Botany, Memoirs v. 1., 1895.)
- 140 Strong, Oliver Smith. Cranial nerves of amphibia. Boston. Ginn and Co. 1895. O 130p. 6pl. bibliog. (Studies from the Biological Laboratory of Columbia College, Zoology, v. 1., no. 6.) Repr. from the Journal of Morphology. v. 10, no. 1.
- 141 Walker, Francis. Double taxation in the United States. New York. 1895. O 134p.

- 142 Arnold, William R. Ancient Babylonian temple records in Columbia University Library. New York. 1896. O 8+70+1p.
- **Berg**, Joseph Frederic. The influence of the Septuagint upon the Pe Sittâ Psalter. New York. Drugulin. 1895. O 5+2+160p.
- 144 Chadsey, Charles Ernest. The struggle between President Johnson and congress over reconstruction. New York. Columbia University Press. 1896. O 141p. (Studies in history, economics and public law, v. 8, no. 1.)
- 145 Cushing, Harry Alonzo. History of the transition from provincial to commonwealth government in Massachusetts. New York. 1896. O 281p. (Studies in history, economics and public law, v. 2, no. 1.)
- 146 Emery, Henry Crosby. Speculation on the stock and produce exchanges of the United States. New York. Columbia University Press. 1896. O 230p. (Studies in history, economics and public law, v. 2, no. 2.)
- Ling, George Herbert. On the solution of a certain differential equation which presents itself in Laplace's kinetic theory of tides. New York.
 1896. Sq. F 30p.

Repr. from Annals of Mathematics. v. 10, no. 4.

- 148 Littlejohn, J. Martin. The political theory of the schoolmen and Grotius. 1895. O 296p.
- **Luqueer, Frederic Ludlow.** Hegel as educator. New York. 1896. O 185p. (Philosophy and education, Dept. of Contributions, v. 2, no. 1.)
- 150 Mott, Lewis Freeman. The System of courtly love, studied as an introduction to the Vita Nuova of Dante. Boston. Ginn. 1896. O 6+153p.
- 151 Ries, Heinrich. Monoclinic pyroxenes of New York State. O 55p. pl. (Columbia University, Dept. of Mineralogy, Contributions, v. 6, no. 6.)

Repr. from New York Academy of Sciences, Annals. 1896. v. 9.

- 152 Shepherd, William Robert. History of the proprietary government in Pennsylvania. New York. Columbia University Press. 1896. O 601p. (Studies in history, economics and public law v. 6.)
- 153 Wilcox, Delos F. Municipal government in Michigan and Ohio, a study in the relations of city and commonwealth. New York. 1896. O 181p.

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- **154 Beatty,** Arthur. Brownings verse-form; its organic character. New York 1897. O 77p.
- 155 Bernstein, Ludwig. The order of words in old Norse prose. New York. Knickerbocker Press. 1897. O 8+62p.
- 156 Crowell, John Franklin. The logical process of social development; a theoretical foundation for educational policy from the standpoint of sociology. New York. Holt & Co. 1898. D 8+1+358p. ill.
- 157 Emerick, Charles Franklin. An analysis of agricultural discontent in the United States. New York. 1897. O 107p. ill.

Repr. from Political Science Quarterly. v. 11 and 12. 1897.

- 158 Freund, Ernst. The legal nature of corporations. New York. 1897 O 83p.
- 159 **Grout**, Abel Joel. Revision of the North American isotheciaceae and brachythecia. O 79p.

Repr. Torrey Botanical Club, Memoirs. v. 6, no. 2.

- Hammond, Matthew Brown. The cotton industry; an essay in American economic history. Pt. 1. Ithaca. 1897. O 8+369+1p. pl. map. I tab.
- 161 Maltbie, Milo Roy. English local government of to-day; a study of the relations of central and local government. New York. Columbia University Press. 1897. O 296p. (Studies in history, economics and public law. v. 9, no. 1.)
- 162 Noble, Frank Henry. Taxation in Iowa; historical sketch, present status and suggested reforms. St. Louis. Nixon Jones. 1897. O 121+ 2p.
- 163 Schneider, Albert. Text-book of general lichenology. Binghamton. Clute. 1897. O 17+230p. pl.
- 164 Sherman, Henry Clapp. The insoluble carbohydrates of wheat (triticum vulgare). Easton. Chem. Pub. Co. 1897. O 34p.
- 165 Stark, Francis Raymond. Abolition of privateering and the Declaration of Paris. New York. 1897. O 165p.
- 166 Tufts, Frank L. The new flicker photometry. New York. O 23p. Repr. from the New York Academy of Sciences, Transactions. v. 16, 1897.
- Tyler, Ansel A. The nature and origin of stipules. New York. 1897.
 O 49p. pl. (Herbarium Contributions, v. 5, no. 119.) Repr. from New York Academy of Sciences, Annals. v. 10.
- 168 Ufford, Walter Shepard. Fresh air charity in the United States. New York. 1897. O 3+114+1p.
- 169 Webster, William Clarence. Recent centralizing tendencies in state educational administration. New York. 1897. O 78+1p.

1898

 Calkins, Gary Nathan. Mitosis in Noctiluca Miliaris. Privately printed. 1898. O 59p. 3pl. bibliog.

Repr. from the Journal of Morphology. v. 15.

- 171 Cole, Lawrence Thomas. The basis of early Christian theism. New York. 1898. O 61p.
- 172 Crook, James Walter. German wage theories. New York. 1898. O 116p.
- 173 Engle, Wilbur Dwight. The action of potassium thiocyanate on the chlorhydrins. Easton. Chemical Pub. Co. 1898. O 28p.
- 174 Fairlie, John Archibald. Centralization of administration in New York State. New York. 1898. O 210p.
- 175 Grieve, Lucia Catherine Graeme. Death and burial in Attic tragedy. Pt. I. New York. 1898. O 81+1p
- 176 Hall, Frederick Smith. Sympathetic strikes and sympathetic lockouts. New York. Columbia University Press. 1899. O 120p. (Studies in history, economics and public law. v. 1, no. 1).
- 177 Howe, Marshall Avery. Hepaticæ and anthocerotes of California. Lancaster. New Era Print. Co. 1899. O 208p. pl. bibliog.

- 178 Jones, Adam Leroy. Early American philosophers. New York. 1898. O 81p.
- **Lay**, Wilfrid. Mental imagery, experimentally and subjectively considered. New York. 1898. O 3+59p.
- 180 Mac Vannel, John Angus. Hegel's doctrine of the will. New York. 1896. O 103p.
- 181 Mathews, Albert Prescott. The physiology in secretion. Lancaster. New Era Print. Co. 1898. O 8op. bibliog. Repr. New York Academy of Sciences, Annals. v. 11, no. 14.
- 182 Mathews, John Alexander. The action of nitrils upon aromatic acids. Easton. Chem. Pub. Co. 1898. O 35p.
- 183 Radau, Hugo. Early Babylonian history down to the end of the fourth dynasty of Ur, to which is appended an account of the E. A. Hoffman collection of Babylonian tablets in the general theological seminary, New York. Oxford University Press. 1899. O 90p. tab.
- 184 **Rydberg,** Per Axel E. Monograph of the North American potentilleac. Lancaster. New Era Printing Co. 1898. Sq. F. 4+223p. pl.
- 185 Schlesinger, Frank. The Praesepe group; measurement and reduction of the Rutherfurd photographs. New York. 1898. O 101p. tables. Columbia University Observatory, Contributions, no. 15. Repr. New York Academy of Sciences Annals. v. 10.
- 186 **Tamblyn,** William Ferguson. The establishment of Roman power in Great Britain. Hamilton. McPherson & Drope. 1899. O 105p.
- 187 Thorndike, Edward Lee. Animal intelligence, an experimental study of the associative processes in animals. New York. 1898. O 3+109+ 1p.
- 188 Washington, William Morrow. The formal and material elements of Kant's ethics. New York. 1898. O 67p. (Dept. of Philosophy and education Contributions. v. 3, no. 1.)
- 189 Whiton, Helen Isabel. The co-ordinate and sub-ordinate conjunctions in Chaucer's *Troilus and Criseyde*; with a comparison of the *Romaunt* of the Rose. New York. Knickerbocker Press. 1898. O 8+97p.
- 190 Whitten, Robert Harvey. Public administration in Massachusetts; the relation of central to local activity. New York. 1898. O 169p.

- 191 Bates, Frank Greene. Rhode Island and the formation of the Union New York. 1898. O 220+1p.
- 192 Breese, Burtis Burr. On inhibition. Lancaster. New Era Print. Co. 1899. O 3+65+1p. ill.
- 193 Burgess, Edward Sandford. Species and variations of Biotian asters with discussion of variability in aster. New York. Torrey Botan. Club. 1906. O15+419p. 13pl. ill. (Torrey Botanical Club studies in the history and variations of asters. v. 2.)
- 194 Burke, William Maxwell. History and functions of the central labor unions. New York. Columbia University Press. 1899. O 127p.
- 195 Chandler, Frank Wadleigh. Romances of roguery. Pt. I. New York. Columbia University Press. 1899. (Studies in literature, v. 2)
- 196 Crampton Henry Edward, Jr. Studies upon the early history of the ascidian egg. Boston. Ginn. 1899. O 26p. 1pl. bibliog. Repr. Journal of Morphology, Supplement to v. 15.

- 107 Dearborn, George Van Ness. Emotion of joy. New York. O 700.
- Dexter, Edwin Grant, Conduct and the weather; an inductive study of 108 the mental effects of definite meteorological conditions. New York. 1809. 0 5+105p. ill. tab.
- Firth, Elmer Wallace. Micro-organisms in the air of public buildings 100 and conveyances, due to improper methods of cleaning. New York. 1899. O 32p. ill. bibliog. pl. (In Studies from the pathological laboratory of the College of Physicians and Surgeons, v. 7.)
- Franz, Shepherd Ivory. On after-images. Lancaster. New Era Print-200 ing Co. 1899. 0 3+61p. ill.
- Germann, George B. National legislation concerning education, its influence and effect in the public land states east of the Mississippi 201 New York. 1899. O 148+1p. river.
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INDEX

ABELSON, Paul, 415 Acids, Aromatic, 484, 577 ACKERMAN, William A., 271 Administration, Boston, 77 France, 205 Indiana, 335 Iowa, 308 Massachusetts, 190 New York, 174 Ohio, 333 Rome (Ancient), 420 Æschylus, 124, 367 Text criticism, 575 AGGER, Eugene E., 457 Agriculture, United States, 157 AITKEN, William B., 66 Ajax, 571 Alabama, History, 355 ALBRIGHT, Victor E., 550 Alcohol, Sale of, 84, 216 Alcuin, Criticism, 585 ALEXANDER, Hartley B., 245 Algæ, United States, 236 Algebra, Forms, 53 Aliens, Law, 38 Alloys, 310 Alternating currents, 237 Aluminum, 57, 64 Amadis de Gaula, 652 AMEND, Carl G., 610 American fiction, 525 Amino acids, 523 Amphibia, 140 Anarchy, 63 ANDREWS, Benjamin R., 551 ANDREWS, Grace, 246 Anglo-Saxon Bible, 108 Anglo-Saxon Bible, 108 Anglo-Saxon language, 58 Anglo-Saxon law, 37 Animal intelligence, 186 Annelida, Embryology, 300 Annexation, Canada, 66, 479 Antimony, 303 APPLETON, Floyd, 416 Arachis hypogæa, 138 Arapahoe Indians, 254 Archæology, Babylonia, 394 Aristotle, 56, 434 Arithmetic, Study, 537 ARNER, George B. L., 495

ARNOLD, Felix, 374 ARNOLD, William R., 142 Assaying, 4 Assemblage theory, 283 Association, 374 Assyrian inscriptions, 142, 362, 394 Astrophotography, 135 Athens, History (Ancient), 87 Atmosphere, 409 Aulius Gellius, 74 Avenarius, Richard, Criticism, 379 Babylon, History, 183 Васнман, Frank P., 272 BACHMAN, Frank P., 272 Bacteria, 134, 199 BAIR, Joseph H., 304 BALDWIN, Charles S., 103 BALDWIN, Florence T., 611 Balkan States, History, 639 BALL, Allan P., 305 BALL, Margaret, 496 Ballad, English, 99 Scottish oo Scottish, 99 BANCROFT, Frederic A., 36 BANKER, Howard J., 417 Banking, Canada, 105 Bankruptcy, 95 BANKS, Enoch M., 375 BANKS, John H., 104 Baptists, Seventh-day, 426 BARD, Harry E., 612 BARRELL, Harry F., 37 Bases, Aromatic, 472, 481 Basidiomycetes, North America, 417 BATES, Ernest S., 497 BATES, Frank H., 191 BAUER, George N., 225 BAYLES, George J., 129 Bdellostoma stouti, 490 BEANS, Hal T., 347 BEAND, Charles A., 348 BEATTY, Arthur, 154 Behring Sea question, 78 Bellinger, Franz, 613 Bellum Civile, 611 Beneke, F. E., 130 BENNETT, Charles, J. C., 376 BENSLEY, Benjamin A., 273 BENSON, Henry K., 458 Bentham, Jeremy, 494 Berceo, Gonzalo de, 425

BERG, Joseph F., 143 BERG, William N., 459 BERGLUND, Abraham, 460 BERNHEIM, Abraham C., 38 BERNSTEIN, Ludwig, 155 BETTS, George H., 552 BEWER, Julius A., 226 Bible, Anglo-Saxon, 108 New Testament, Romans, 89 Syriac translation, 226 Old Testament, Greek translation, 143 Isaiah, 446 Zephaniah, 609 Zephanian, 609 BIJUR, Nathan, 23 BINDER, Rudolph M., 306 BISHOP, Cortlandt F., 91 Bismuth, 336 BLACK, George A., 60 BLAKE, Edwin M., 92 BLAKE, Frederick C., 377, 510 Blow-pipe analysis, 52, 76 Bolow-pipe analysis, 52, 76 Boltes, Myrick N., 307 Bondy, William, 93 Books, Prohibited, 215 Bordwell, Walter P., 553 Boroschek, Leopold, 274 Botany, Embryology, 473 Georgia, 386 Long Island, 204 Structural, 167, 558 Structural, 167, 558 BOWEN, John E., 44 BOWMAN, Harold M., 308 BOVD, William K., 418 BRADFORD, Robert H., 275 BRADLEY, E. B., 507 Brain disease, 290 BRANDT, Francis B., 130 BRAUN, Wilhelm A., 309 BRECKENRIDGE, Roeliff M., 105 BREESE, Burtis B., 192 BRISCO, NORTIS A., 461 BRITTON, Nathaniel L., 8 BRONZE, 119 Bronze, 119 BROOME, Edwin C., 276 BROWN, Marianna C., 277 BROWN, Thomas C., 554 BROWN, Warner, 498 Browning, Robert, Text comment, 154 154 BRUNER, Frank G., 499 Buddha, Sayings of, 532 BULLOWA, Ferdinand E. M., 131 BURGESS, Edward S., 193 BURKE, William M., 194 BURKS, Jesse D., 378 BURLINGHAM, Gertrude S., 500

BUSH, Wendell T., 379 Bustan Al Ukul, 291 BUTLER, Nicholas M., 30 Byron in the United States, 363 CALKINS, Gary N., 170 CAMPBELL, William, 310 CAMPBELL, William, 310 Canada, History, 34 Cancer, Constellation, 185 CANFIELD, Dorothea F., 349 CANNON, William A., 278 Cantata, 613 CAPEN, Edward W., 350 Carbo-hydrates, 164 CARDIFF, Ira D., 419 Carlyle, Thomas, Literature, 592 Cassiopeiæ, Constellation, 133. 225 Catalan process. 15 Catalan process, 15 Catenary, 49 Catfish, 67 Cathode rays, 454 Celibacy, 342 Cellulose, 126 Cement, 353 The Cenci, 497 Census, United States, 71 Ceratodus, 361 Cerithidæ, 653 CHADDOCK, Robert E., 501 CHADSEV, Charles E., 144 CHAMBERLAIN, Clark W., 614 CHAMBERLAIN, William I., 227 CHANDLER, Frank W., 195 CHAPIN, Robert C., 555 Characeæ of North America, 447 Charities, Fresh air, 168 New York (city), 416 Charms, Anglo-Saxon, 565 Charter, New York (city), 23 CHASE, Lewis N., 311 Chaucer, 189, 318 Children, Psychology, 244, 366 Chromium, 421 Ceratodus, 361 Chromium, 421 Chromosome, 588 CHURCH, John A., 9 Cicero, 648 Philosophy, 591 Cities, 220 Government, United States, 153 Citronella, 68 CLARK, Ernest D., 615 CLARK, Franklin S., 51 CLARK, FIARMI 5., 51 CLARK, John M., 616 CLARK, Victor S., 228 CLARK, Walter E., 312 CLARKE, Charles W., 61 Clay, 7 Clinton, DeWitt, 476 Clothing, Manufacture, 402

Coal, 6, 11 Cobalt, 64 COBB, Palmer, 502 COBB, Palmer, 502 Cockroaches, 638 CODDINGTON, Emily, 380 COHEN, Louis J., 462 COKER, Francis W., 617 Colden, Cadwallader, 435 COLE, Lawrence T., 171 COLE, Percival R., 463 COLEMAN, Herbert T. J., 503 College entrance requirements, 276 276 Colonna, Egidio, 210 Colonne, Guido delle, 318 Columbia College Observatory, 123 Coma Berenices, Constellation, 207 Commerce, Japan, 289 Compositæ, 193 North America, 427 Comstock lode, 9 Conant, Martha P., 504 Conaway, Horace M., 313 Concept, 358, 640 Connecticut, History, 438 Constellations, 133, 185, 207, 225, 456 Constitution, France, 69 Massachusetts, 145, 190, 404 Pennsylvania, 152 United States, 429 United States, Amendments, 414 Constitutional History, Canada, 34 Georgia, 295 United States, 39 Constitutional law, 93 Consuls, United States, 390 Contracts, 395 Assyria, 98 Cooley, William F., 556

COOPER, Frederic T., 132

Coral, 554 Corneille, Criticism, 337

in England, 349 CORNWALL, Henry B., 52 Corporations, Greek, 642

Municipal, 483

Corymorpha, 345 Cosenza, Mario E., 420 Cosmology, 509 Cost of living, 555 Costume in Rome, 595

Roman, 642

Massachusetts, 512

Copper, 104, 310

law, 158

Cotton, 278

160, 450 COUDERT, Frederic R., 106 Coursault, Jesse H., 464 Cowley, Elizabeth B., 505 Cowley, Elizabeth B., 505 CRAMPTON, Henry E., 196 CRANDAL, Samuel B., 351 CRANE, Walter R., 247 Crime, 252, 587 CROCKER, Francis B., 107 CROOK, James W., 172 CROWEL, John F., 156 CRUSER, Frederick V. D., 421 Crystallography, Chemical, 298 CUBBERLEY, Ellwood P., 381 Cucurbitacere, 226 Cucurbitaceæ, 326 Curriculum, 272, 341, 400 Curve of efficiency, 645 Curves, Plane, 505 CUSHING, Harry A., 145 Cushing, Mary G., 557 CUSHMAN, Alexander R., 12 Cygni, Constellation, 604 Damophon, 410 Dante, 150 Natural science, 285 DANTON, George H., 465 DARLING, Chester A., 558 DARLING, Chester A., 558 Dasarūpa, 566 DAVENPORT, Frederick M., 382 DAVIDSON, Israel, 279 DAVIS, Bergen, 248 DAVIS, Herman S., 133 DAVIS, John W., 13 DAVIS, Michael M., 422 DAVISON, Ellen S., 466 DEAHL, Jasper N., 423 DEAN, Bashford, 67 DEARBORD George V N 107 DEARBORN, George V. N., 197 DEARBORN, Walter F., 383 Death in literature, 175 DEGHUÉE, Joseph A., 94 Democracy, 627 DENNIS, Alfred L. P., 249 DEWALSH, Faust C., 618 DEXTER, Edwin G., 198 DHALLA, Maneckji N., 506 Dhanamjaya, 566 Dialects, Latin, 132, 212 Scottish, 229 DICKSON, Charles W., 314 Dictionary, Syriac, 302 Differential equations, 92, 147 Disinfection, 2 Discipline, 376 DITMAN, Norman E., 507, 547 Divorce, 85, 106, 633 DODGE, Charles H. J., 88

Cotton industry, United States

Dodge, Daniel K., 45 Dodge, Frank D., 68 DOWNER, Charles A,, 250 DRAKE, Allison, 108 Drama, English, 311, 349, 515, 644 Greek, 175 Spanish, 337 DRUMMOND, Isaac W., 14 DUBLIN, Louis I., 352 DU BOIS, Elizabeth H., 424 DUGGAN, Stephen P. H., 280 DUNKERS, 426 DUNNING, William A., 39 DUNSCOMB, S. Whitney, 95 Dust, Atmospheric, 122 DYAR, Harrison G., 134 Dyeing, 114 EARHART, Lida B., 508 EARLE, Mortimer L., 62 Earths, 126 Rare, 116 Eastern question, 61, 249, 280 EAVES, Lucile, 619 Ecclesiastical history, 418, 466 Ескоff, William J., 109 Economic condition, Clark County, Ohio, 370 Germany, 596 Rome (Ancient), 399 EDDY, Walter H., 559 EDGERTON, Winifred H., 46 Education, Administration, 488 and psychology, 376 and the state, 169 Canada, 503 History, 256 India, 227 Industrial, Germany, 534 Massachusetts, 407 Massachusetts, History, 541 Museums, 551 Monarchs, 210 New England, 528 Primary, 400, 508 Primary, France, 354 Theory, 54, 464 United States, 72, 201, 271 United States History, 213, 256 EGBERT, James C., 40 Egils saga, 45 Egypt, History, 44, 524 EISELEN, Frederick C., 467 Elasticity, 257 Electric resistance, 238 Electricity, 237 Measurements, 35 Oscillations, 377, 510 Waves, 603

Electrochemistry, 258 Electrometallurgy, 107 ELIOT, Walter G., 21 ELKUS, Savilla A., 509 ELLIOTT, Arthur H., 24 ELLIOTT, Edward C., 384 Embryology, 264, 413 EMERICK, Charles F., 157 Emerson, Philosophy, 357 EMERY, Henry C., 146 Emigration, United States, 242 Emigration, United States, 2: Emotions, 197 Employer's liability, 65 England, History, 187 ENGLE, Wilbur D., 173 English ballad, 99 drama, 311, 644 drama history, 349, 515 fiction, 504, 637 grammar, 540 grammar, 549 language, Pronunciation, 86 language, Versification, 498 literary influence, 369, 542 literature, 542 poetry, Criticism, 315, 320 poetry, Satire, 539 Equality, 494 ERSKINE, John, 315 Ether, Chemistry, 529 Ethics, 47 Jewish, 268 Etymology, 360 Eucharist, 339 Euripides, Chronology, 329 Factories, Law, United States, 651 FAIRLE, John A., 174 FALK, Myron S., 353 FARRINGTON, Frederic E., 354 Fats, Chemistry, 118 Faust, 519, 569 FENTON, John F., 80 FERNALD, Robert H., 281 Fiction, American, 525 English, 504, 637 Icelandic, 327 Irish, 327 Etymology, 360 Irish, 327 Oriental, 504 Spanish, 195 Finance, Canada, 120 Cleveland (Ohio), 493 England, 461 Massachusetts, 88 Oregon, 468 United States, 457 Virginia, 100 FINLAY, George I., 316 FIRTH, Elmer W., 199 FISH, Fossil, 431

FISKE, Thomas S, 53 FITZ-GERALD, John D., 425 FLEMING, Walter L., 355 FLICK, Alexander C., 251 FLOM, George T., 229 Fluorescence, 68 FORBES, Charles S., 356 Ford, Guy S., 317 Fountain, Claude R., 377, 510 Frachtenberg, Leo J., 620 France, History, 313, 338 Franciscans, 480 FRANZ, Shepherd I., 200 FRANZEN-SWEDELIUS, Bernhard, 511 French literary influence, 542 FREUND, Ernst, 158 FRIEDMAN, Harry G., 512 Friends, Society of, 548 FROEBEL, Friedrich, 463 FROEBERG, Sven, 513 FROST, Thomas G., 69 FRY, William H., 514 FULD, Leonard F., 560 FULD, Leonard F., 500 Fungi, 28 North America, 235 United States, 500 FURNESS, Caroline E., 230 Gabirol, Solomon ben Judah, 268 GARNER, James W., 282 Gas engines, 281 Gas, Manufacture, 25 Gaza (Palestine), History, 478 General Assembly, Virginia, 531 Geology, Dakota, 203 Massachusetts, 455 Nevada, 443 New Brunswick, 136 New Mexico, 324 New York, 221, 332 Staten Island, 8 Tamaulipas (Mexico), 316 Wisconsin, 10 Geometry of circles, 356 Geometry of circles, 350 Geometry, Study, 449 Georgia, History, 270, 295 GEPHART, William F., 561 German literary influence, 369 German poetry, 259, 309 GERMANN, George B., 201 Germany, History, 482 GILBERT, James H., 468 GILDERSLEEVE, Virginia C., 515 GILLIN. John L., 426 GILLIN, John L., 426 Glacial period, United States, 455 Glanvill, Joseph, 234 GLASSON, William H., 231 GLEASON, Henry A., 427

GODDARD, Harold C., 516 Goethe, 519, 569 Gold, Metallurgy, 307, 445 mining, United States, 9 ore, 64 GOLDENWEISER, Abraham A., 622 Goldfarb, Alexander J., 621 Goodsell, Willystine, 623 GORFINKLE, Joseph I., 562 GORTNER, Ross A., 563 GOSLING, Edward B., 110 Goss, John D., 81 GOTTHELF, August H., 232 Government, see Administration Grammar, English, 549 Greek, 584 GRAY, Henry D., 357 GRAY, Louis H., 233 GRAY, Louis H., 233 Greek drama, 175 Greek grammar, Verbs, 584 Greek inscriptions, 124 GREENSLET, Ferris, 234 GREGORY, Louise H., 564 GREGORY, William K., 624 GRENDON, Felix, 565 GRIEVE, Lucia C., 175 GRIEVE, Charold J.J. GRIFFING, Harold, 111 GRIFFITHS, David, 235 Grillparzer, 618 GROAT, George G., 385 Grotius, Political science, 148 Group theory, 602 GROUT, Abel J., 159 Guilds, English, 42, 393 GUNDERSEN, Carl, 283 GUTHRIE, William B., 469 HAAS, George C. O., 566 Habit, 304 HAINES, Charles G., 567 HAINES, Charles G., 567 HALL, Arthur C., 252 HALL, Frederick S., 176 HALLOCK, Albert P., 25 HAMILTON, Francis M., 517 HAMILTON, Joseph G., 428 HAMMOND, Matthew B., 160 HAND, William F., 319 HANEY, John D., 625 HANKINS, Frank H., 518 HARPER, Roland MCM., 386 HARRISON, John S., 320 HARRISON, John S., 320 HARTWELL, George W., 568 HASEGAWA, Yothinosuke, 15 HASKELL, Juliana, 519 HATCH, Leonard W., 387 HAUHART, William F., 569 Hauptmann, Gerhart, Realism, 343 HAWK, Philip B., 321

HAWORTH, Paul L., 429 HAYES, Carlton H., 570 Hayes, Rutherford B., 429 HAZEN, Tracy E., 236 Hearing, 499 Heat, Motor, 292 Hebbel, Friedrich, 401 Hebrew Literature, History, 215, 263 Hegel, Education, 149 Psychology, 180 Hellenism, 475 Hemiptera, Urogenital system, 241 Hemp, 441 Henderson, Ernest N., 322 HENDREN, Linville L., 388 HENNON, Vivian V. C., 389 Herbart, Education, 463 HERRICK, Charles J., 202 HERRICK, Frederick M., 70 HERTZ, Joseph H., 112 HERZOG, F., Benedict, 26 HIGGINS, Eric B., 520 HILDBURGH, Walter L., 237 HILKEY, Charles J., 626 HILL, Robert T., 627 HINCKLEY, Frank E., 390 HIRST, Gertrude M., 284 HISHIDA, Sciji G., 430 History, Ancient, 87 Constitutional, 34, 39 Ecclesiastical, 418, 466 see also Names of places HOADLEY, Harwood, 571 HOFFMANN, Ernst T. A., 502 Hog, 581 HOLBROOK, Richard T., 285 HOLLERITH, Herman, 71 HOLLINGWORTH, Harry L., 572 HORNE, William D., 113 HOURWICH, Isaac A., 96 House, Homer D., 521 Howe, Marshall A., 177 HUBBELL, George A., 286 HUGHES, Percy, 358 Humanism, 623 HUMASON, Thomas A., 97 HUMPHREYS, Willard W., 72 Hunt, Leigh, 582 HUNTINGTON, Harwood, 114 HUSSAKOF, Louis, 431 HUTTON, Frederick R., 20 Hybrids, 278 Hydatina Senta, 605 Hydrocarbons, 32 Hydrometry, 22 Hymns, Assyrian, 543 Hyperspace, 288 Icelandic fiction, 327

Icelandic Language, Syntax, 155 Idealism, 650 IHLSENG, Magnus, 5 ILES, Malvern W., 3 Illinois, History, 598 ILLMAN, Robert I. B., 89 Imagery, Mental, 179, 200, 552 Imitation, 423 Immigration, United States, 242 Indians, Arapahoe, 254 Language, Algonquin, 360 Language, Coos, 620 Language, Takelma,594 Legal status, 59 Mythology, 526 Pueblo, 244 Washington (state), 437 Individualism, 556 Industrial transition, North Carolina, 450 Industries, United States (Middle States), 561 New York (city), 402 Inebriety, 586 Infusoria, 170, 412 Inhibition, 192 Inscriptions, Assyrian, 142, 362, 39 Greek, 124 Insurance, 267 Integrals, 46 International law, 351, 553 International relations, Japan, 430 Prussia, 317 Invariants, 206 Ions, 388, 391 Ipomœa, 521 Iranic language, Pronunciation, 233 Irish fiction, 327 Iron, Metallurgy, 492 Iron mining, 398 Iron ore, 214 Tennessee, 33 IRVING, John D., 203 IRVING, Roland D., 10 Jackson, George L., 573 Jackson, Lambert L., 432 Jackson, Marie K., 433 Jacobi, Friedrich H., 127 JACOBS, Philip P., 628 JACOBSTEIN, Meyer, 470 JACOBY, Harold, 135 JARVIS, Royal P., 574 JELLIFFE, Smith E., 204 Jigging, 574 Johnson, Allen, 205 Johnson, Alvin S., 323 Johnson, Douglas W., 324 Johnson, Edith H., 434

Johnson, William H., 287 Jones, Adam L., 178 Jones, Arthur J., 471 Jones, Elmer E., 522 Jones, Thomas J., 359 Jones, William, 360 Jouard, Farel L., 523 Jouer, Cavalier H., 116 Joy, Edmund S., 90 Judiciary, United States, 567 Justice of the peace, 348 Kamohatka Sea, 78 JOHNSON, William H., 287 Kamchatka Sea, 78 KANOLT, Clarence W., 391 KANDEL, Isaac L., 629 Kant, 109, 494 Criticism, 55 Ethics, 188 Theology, 82 KASNER, Edward, 206 KEASBEY, Lindley M., 73 KEEP, Austin B., 578 KELLICOTT, William E., 361 KELLS, Lucas C., 630 KENDALL, Edward C, 631 KENDALL, Edward C., 031 KENT, Ernest B., 325 KENS, Edward F., 253 KEVS, Alice M., 435 KEVSER, Cassius J., 288 KIND, John L., 436 Kindi, Abū Umar Muḥammad ibn Kindi, Abū Umar Muṇamm Yūsuf al-, 524 King Richard the Third, 606 KINGSBURY, Susan M., 392 KINOSITA, Yetaro, 289 KIRKWOOD, Joseph E., 326 KLABER, William, 472 KNAPP, Charles, 74 VORVIG, Nicholas A 524 KOENIG, Nicholas A., 524 KOHN, Lucile, 575 KRAMER, Stella, 393 KRANS, Horatio S., 327 KRESS, Otto, 576 KRETZ, Walter C., 207 KROEBER, Alfred L., 254 KROPFF, Alfred H., 577 KUPFER, Elsie, 473 Labor, 65 Arbitration, 387 laws, England, 590 New York (city), 555 San Francisco, 619 Taxation, 48 LAMB, Edwin G., 632, LAMME, Maurice A., 579 Land grants, United States, 201 tenure, United States, 375 LANGDON, Stephen H., 362 Language, Algonquin Indians, 360

Language, Anglo-Saxon, 58 English, Pronunciation, 86 English, Versification, 498 Iranic, 233 Latin, 228, 424 Psychology, 452 Syriac dictionary, 302 Takelma, 594 Latin dialects, 132, 212 language (Medieval), 228 Language (Arechevar), 22 language, Prosody, 424 LAU, Robert J., 394 Law, Aliens, 38 Law, Anglo-Saxon, 37 Assyrian, 98 Constitutional, 93 Greek, 70 International, 351, 553 Massachusetts, 626 Mining, United States, 486 LAWRENCE, George A., 290 LAY, Wilfred, 179 Le Tourneur, Pierre, 557 Le Fourneur, Frerre, 557 LEDERLE, Ernst J., 116 Legacies, Taxes, 102 • LEIPZIGER, Henry M., 54 LEONARD, William E., 363 LEVINE, David, 291 LEWIS, Albert B., 437 Libraries, New York (state), 578 Libraries, 162 Lichenes, 163 LICHTENBERGER, James P., 633 Light, 137 Lignites, 6 LINEHAN, Daniel F., 55 LING, George H., 147 LINGLEY, Charles R., 634 LIPSKY, Abram, 474 Liquor law, 84, 216 Litanies, Zoroastrian, 506 Literature, English, 542 Hebrew, 215, 263 History, Pennsylvania, 433 New York, 364 Spanish, 219 LITTLEJOHN, J. Martin, 148 Le Livres du gouvernement des rois, 210 Livy, Text criticism, 511 Loans, 544 Local government, England, 161 LOEB, Isidor, 255 Logic, History, 30 LOMER, Gerhard R., 635 LONGDEN, Aladine C., 238 LOOMIS, Louise R., 475 Loos, Hermann A., 239 LORENZ, Daniel E., 82

LOSHE, Lillie D., 525 LOTHROP, Alfred P., 580 Love, Courts of, 150 LOVE, Edward G., 7 Lowie, Robert H., 526 LUCAS, Daniel R., 527 LUCKE, Charles E., 292 LUCKEY, George W. A., 256 LUCKEY, George W. A., 256 LUCL, Richard S., 328 LUQUEER, Frederic L., 149 LUQUER, Lea MCI., 117 Luther, Martin, Criticism, 487 MCBAIN, Howard L., 476 MCCREA, Nelson G., 56 MCGREGOR, James H., 209 Machinery, Tools, 20 MCILHINEY, Parker C., 118 MCKEAG, Edwin C., 395 MCKENNA, Charles F., 119 MACLAY, James, 208 LOWIE, Robert H., 526 MACLAY, James, 208 MCLEAN, James A., 120 MACLEAR, Anne B., 528 McMahon, Robert C., 477 Macurdy, Grace H., 329 MACVANNEL, John A., 180 Magic, 411 Magic, 411 Magnetism, 247 Malory, Sir Thomas, 103 MALTBE, Milo R., 161 Mammals, 581, 624 MANN, Horace, 286 Manual training, 325 MARGOLIS, Max L., 83 Marriage, Consanguineous, 495 England 106 Marriage, Consanguineous, 495 England, 106 Property rights, 255 MARSH, Charles W., 1 MARSH, Howard D., 396 Marsupialia, Embryology, 273 Martineau, J., Ethical system, 112 Maryland, History, 293 Mathematics, Problems, 13 Study, 432 Mathematics, Problems, 13 Study, 432 MATHEWS, Albert P., 181 MATHEWS, John A., 182 MATSUI, Nawakichi, 16 MATY, Clarence E., 529 Mayor, Office of, 129 MEAD, Charles S., 581 MEAD, Nelson P., 438 Medicine, Chemistry, 507 MEEKER, Royal, 439 Memory, 322 Memory, 322 Menidia, 202 MENKEN, Percival S., 84 Mercury (Metal) Metallurgy, 296

MERENESS, Newton D., 293 MERIANS, Junius L., 397 MERRIAM, Charles E., 240 MERRILL, Frederick J. H., 75 MESSENGER, James F., 330 Metabolism, 321, 535, 547, 580 Metallurgy, 296, 307, 445, 492 Metals, Tests, 3 Metaminobenzonitrile, 347 Metaphysics, 245, 434 Meteorites, 22 Method, 635 METZGER, Floyd J., 293 MEYER, Arnold W., 530 MEYER, Martin A., 478 Middle orgen 428 Middle ages, 415 MILES, Dudley H., 636 MILLER, Barnette, 582 MILLER, Edmund H., 121 MILLER, Elmer I., 531 MILLER, Joseph W., 257 MILLER, Wallace E., 440 MILLIKAN, Robert A., 137 Milling machinery, 27 MINER, James B., 331 Minerals, Carbon, 31 Mining, 9, 398 law, 486 Mississippi, History, 282 Mistral, Frédéric, Criticism, 250 MOFFETT, Samuel E., 479 MOLDENKE, Alfred B., 98 Molecules, 614 Weight, 520 MOLENAER, Samuel P., 210 Molière, 636 MOODY, Herbert R., 258 MOORE, Brent, 441 MOORE, Henrietta E., 364 MOORE, Justin H., 532 MOREWOOD, George B., 17 MORGAN, Charlotte E., 637 MORRISON, Charles E., 583 MORSE, Leighton B., 533 MOLDENKE, Alfred B., 98 Morse, Leighton B., 533 Morse, Max W., 638 Morte d'Arthur, 103 Moses, Alfred J., 76 Motion, Voluntary, 224, 572 MOTT, Lewis F., 150 Municipal ownership, New York (city), 60 Municipalities, 96, 528 MUNROE, Henry S., 6 MUNSELL, Charles E., 31 MURRAY, William S., 639 Musci, 159 MUSSEY, Henry R., 398 MUZZEY, David S., 480

Mythology, Indians, 526 Nathanael ibnal-Fayyumi, 291 Naturalism, 623 NEAL, John R., 211 NEFTEL, J. W. Knight, 27 Negroes, 36, 79, 641 NEISH, Arthur C., 365 NELSON, John M., 481 New England, History, 528 New Hampshire, History, 514 New Jersey, History, 538 New York (city), Society Library, History, 578 New York, History, 403, 435 NEWBERRY, Spencer B., 11 NEYMANN, Percy, 32 Nibelungenlied, 401, 597 Nicaragua Canal, 73 NICHOLSON, Anne M., 640 Nickel, 64 Nicker, 04 Nichles, 1579, 601 Nitriles, 182, 232 Nitrites, 116 Nitro-phthalic acid, 274 NOBLE, Frank H., 162 Norsworthy, Naomi, 366 North Carolina, History, 297, 428 NORTHRUP, John I., 57 Number, 330 ODELL, George C. D., 99 ODUM, Howard W., 641 OGDEN, Charles J., 584 OGILVIE, Ida H., 332 Ohio, History, 501 Oils, Vegetable, 222 OLCOTT, George N., 212 OLIVER, Edmund H., 399 Ore deposits, 314 Oriental fiction, 504 ORTH, Samuel P., 333 OSBURN, Raymond C., 442 OSGOOD, Herbert L., 63 Ossian, 265 Ozocerite, 110 PACK, FRED J., 443 PAGE, Rolph B., 585 Paleontology, 328 Nevada, 443 New York, 368 Pancreatic amylase, 631 PARMELEE, Maurice F., 586 Parody, Jewish, 279 Parsons, Elsie W. C., 213 PARSONS, Philip A., 587 PAULMIER, Frederick C., 241 Pauperism, New York (city), 359 PAYNE, Bruce R., 400 PAYNE, Fernandus, 588

Pedicellina Americana, 352 PEGRAM, George B., 334 Pennsylvania, History, 152 Pensions, United States, 231 Perception, 517 PERIAM, Annina, 401 Periodicity, Physiological, 396 PERRIER, Joseph L., 589 Perseus, Constellation, 456 PETERS, Thomas McC., 77 Petronius, 611 PETTIT, Anne S., 138 Phenols, 12 PHILIPPS, Ulrich B., 295 Philosophy, 630 American, 178 Jewish, 291 Scholastic, 589 Terminology, 591 Phosphates, South Carolina, 51 Phosphorus, 462 Photometry, 166 Physics, Study, 223 Pickhardt, Ernest W. S., 367 Pigments, 14 Pindar, 40 PITKIN, Lucius, 122 Plant oxidases, 615 Platinum, 451 Plato, 56 Platonism, 320 PLETCHER, Nuba M., 482 PLUM, Henry G., 444 Poe, Edgar A., 502 Poetry, English, 315, 320 English Satire, 539 German, 259, 309. Poison, 17 Polarization of light, 137 Police, United States, 560 Police, United States, 560 Political economy, History, 312 Politics, New York (city), 476 New York (province), 41 New York (state), 262 Polygonacea, North America, 139 POND, Oscar L., 483 Poor laws, Connecticut, 350 POPE, Frederick J., 214 POPE, Lesse E., 402 POPE, Jesse E., 402 POPPER, William, 215 Population, 405 Kansas, 440 Porcelain, Japanese, 16 Porter, John B., 33 Pott, William H., 47 Potter, N. B., 507 Pottery, Greek, 477 Pretzfeld, Charles J., 296

Privateering, 165 Projectile, 568 PROPER, Emberson E., 242 Property, 540 Proteids, 459, 559, 593 Psychology, 306, 376 Experimental, 198, 269, 331, 498, 517, 572 Physiological, 522 Publie domain, 627 PUTNAM, Bertha H., 590 Pyroxene, 151 QUETELET, Lambert A. J., 518 Quinazolines, 319, 448, 563, 610 Racine, 349 RADAU, Hugo, 183 RADIN, Max, 642 Radio-activity, 334 Railroads, Freight, 540, 616 Taxation, 489 Transportation, 26 United States, 546 Wisconsin, 489 RAMBAUT, Thomas D., 34 RAMSDELL, Charles W., 643 RAPER, Charles L., 297 RAWLES, William A., 335 Reaction, Time, 513 READ, Thomas T., 445 Reading, 517 Method, 243 Psychology, 383 Realism, 127 in literature, 343 Reconstruction, 144, 428, 643 REED, Sylvanus A., 18 REEDER, Rudolph R., 243 REES, John K., 123 Reform schools, United States, 488 Reformation, Germany, 596 Regeneration, 621 REILEY, Katharine C., 591 Religion and psychology, 382 Olbia (Greece), 284 REMY, Arthur F. J., 259 REMSILAW, Raemer R., 484 Rent, 323 Reconstruction, 144, 428, 643 Rent, 323 Resins, 239 chemistry, 118 Revival, Religious, 382 Revolutionary War, 251 Rhine Country, 482 Rhode Island, History, 191 Rhythm, 331, 607 in language, 474 Richards, Alfred N., 260 Ricketts, Pierre De P., 4 RIEDERER, Herman S., 336

RIES, Heinrich, 151 Righi vibrator, 510 RIPLEY, William Z., 100 Risk, 267 RISTINE, Frank H., 644 Ritschl, Albrecht, 372 Roads, 583 Robinson, Benjamin W., 446 Robinson, Charles B., 447 ROBINSON, Charles B., 447 Rocks, Long Island, 116 Roe, Frederick W., 592 ROGERS, Austin F., 298 ROGERS, James D., 124 Roguery in literature, 195 ROLLINS, Frank, 299 Rome (Ancient), History, 570 Rosaceæ, 184 Rosenbloom, Jacob, 593 Rosewater, Victor, 101 Rousseau, 494 RUEDIGER, William C., 485 RUGER, Henry A., 645 RUUTZ-REES, Caroline, 646 RYDBERG, Per A. E., 184 St. Francis of Assisi, 466 Sainte-Marthe, Charles de, 646 Salaries, 544 Salina Officinalis, 266 Salts, Solubility, 458 Salvation Army, 632 SANDIFORD, Peter, 647 SANDIFORD, Feter, 047 SAPIR, Edward, 594 SATTERLEE, Herbert L., 41 SAUNDERS, Catharine, 595 SCHAPER, William A., 261 SCHAPIRO, Jacob S., 596 SCHLESINGER, Frank, 185 SCHNEIDER, Albert, 163 School administration, 299, School administration, 299, 378, 488 for adults, 471 funds, 381, 384, 406, 408 organization, 612 registration, 625 supervision, 407 Schools, England, 272, 600 Massachusetts, 573 United States, 271, 599 SCHULER, John, 597 SCHUYLER, Robert L., 598 Science, 630 Scisco, Louis D., 262 SCOTT, Izora, 648 Scott, Sir Walter, Literary critic, 496 Scottish ballad, 99 dialect, 229 Secretion, 181 SEGALL, Jacob B., 337

SEIL, Harvey A., 448 SELIGMAN, Edwin R. A., 42 Seneca, 305 Sensation, 111, 389 Serpentines, New York, 75 Sex, 588 Shakespeare, 606 SHAMEL, Charles H., 486 SHARE, William W., 35 Sharks, 442 Shelley, Criticism, 497 Shemoneh Perakim, 562 SHEPHERD, Robert P., 338 SHEPHERD, William R., 152 SHERMAN, Henry C., 164 SHIMER, Hervey W., 368 Shipping subsidies, 439 SHOTWELL, James T., 339 Sidon, History, 467 Sight, Field of, 485 Sikvonian statue, 62 Silver, Metallurgy, 307 SIMONDS, Francis M., 64 SITES, Clement M. L., 216 Slags, 125 Slavery, Virginia, 79 SMALL, John K., 139 SMITH, Preserved, 487 SMITH, FIESTVEL, 497 SMITH, William R., 340 SNEDDEN, David S., 488 SNIDER, Guy E., 489 SNOW, Louis F., 341 SNOWDEN, Albert A., 534 SNYDER, Edwin R., 599 Social condition, New York (city), 608 contract, 80 democracy, 491 Socialism, 63 History, 469 Sociology, 156, 306, 422, 453, 628 Solomon ben Isaac (Rashi), 83 SOPER, George A., 217 Sophocles, 571 Sound, Velocity, 5 waves, 248 Sounding bodies, 18 South Carolina, History, 261, 340 Sovereignty, 131, 240 SPAHR, Charles B., 48 Spanish drama, 337 fiction, History, 195 literature, 219 Spectrum analysis in chemistry, 533

SPENCER, Charles W., 403 SPENCER, Frank C., 244 SPENCER, Henry R., 404 SPERRY, Earl E., 342

Spherometer, 97 SPINGARN, Joel E., 218 Stage, 649 STAMPER, Alva W., 449 STANGELAND, Charles E., 405 STANTON, Stephen, 78 Starch, 530 STARK, Francis R., 165 Stars, Catalogue, 230 State, 56, 617 Statistics, 518 STEEL, Matthew, 535 Steel, Metallurgy, 492 STERN, Nathan, 263 Sterne, Laurence, 369 STEVENSON, Reston, 536 STILWELL, Samuel E., 49 STOCKARD, Charles R., 490 Stocks, Speculation, 146 STOECKIUS, Alfred, 343 STONE, Cliff W., 537 Stones, Building, 24, 117 STOWE, Ancel R. M., 600 STRAYER, George D., 406 Strikes, 176 STRONG, Oliver S., 140 STRUTHERS, Joseph, 125 STUART, Donald C., 649 Succinimid, 121 Suffrage, United States, 91 Sugar, 19, 94, 113 SUMNER, Francis B., 264 Sunday-school, 277 Surfaces, 246, 380 Algebraic, 208 SUZZALLO, Henry, 407 SWIFT, Fletcher H., 408 Switzerland, History, 29 Symbolism, 254 Synapsis, 419 Syriac language, Dictionary, 302 Takelma language, 594 Talmud, 83 TAMBLYN, William F., 187 Taminobenzonitrile, 347 TAMURA, S. Tetsu, 409 TANNER, Edwin P., 538 Tantalum, 579, 601 Tarde, Gabriel, 422 Tariff, United States, History, 81 Taxation, 102, 346 Iowa, 162 Labor, 48 Local, 101 United States, 141 Vermont, 128 Taxes on legacies, 102 TAYLOR, Charles E., 601

TAYLOR, Washington I., 65 Teachers' training, 256, 397, 647 Germany, 629 Teleostei, Nervous system, 202 Tennessee, History, 211 TENNEY, Alvan A., 491 Territories, 90, 344 Tests of metals, 3 Teutonie order, 444 Texas, History, 643 Thallon, Ida C., 410 Thayer, Harvey W., 369 Theater, 550, 649 Rome (Ancient), 595 Theism, 171 Theodosian Code, 418 Theodostan Code, 410 Theory, 630 Thiocyanates, 173 THOMAS, David Y., 344 THOMPSON, Holland, 450 THOMPSON, John F., 451 Thorium, 293, 365, 576 THORNDIKE, Edward L., 186 THORNDIKE, Everett L., 411 Ticole Ludwig 465 Tieck, Ludwig, 465 Tilden, Samuel J., 429 Tillina Magna, 564 Timon of Athens, 654 Tin, 310 Tissue, 260 Tobacco, Industry, 470 Todd, Edwin S., 370 Tombo, Rudolf, Jr., 265 TORREY, Harry B., 345 TORREY, John C., 300 Totemism, 622 Town government, Massachusetts, 77 life, 453
Trade unions, 194, 385
Transcendentalism, 516
Transportation, Railroads, 26 United States, 561
TRAPHAGEN, Frank W., 28
Treaties, 351
Creaties, 351 Treaties, 351 TRIPP, Myron O., 602 Trolius and Criseyde, 189, 318 TUCKER, John H., 19 Tucker, Josiah, 312 TUCKER, Samuel M., 539 TUFTS, Frank L., 166 Turisi, Frank L., 166 Tunciata, Embryology, 196 Turgot, A. R. J., 338 TURNER, John P., 650 TYLER, Ansel A., 167 UFFORD, Walter S., 168 UHLIG, William C., 371 UNDERHILL, John G., 219

UNDERWOOD, Joseph H., 540 United States, History, 39, 144, 251, 428 Steel Corporation, 460 UPDEGRAFF, Harlan, 541 UPHAM, Alfred H., 542 Uranium, 253 Ureter, 527 Value, 373 VANDERBURGH, Frederick A., 543 VANDERPOEL, Frank, 126 Vertebrates, 442 Vida de Santa Domingo de Silos, 425 Village communities, Russia, 96 Virginia Company of London, 392 History, 634 Vita Nuova, 150 VULTÉ, Hermann T., 43 Wages, 172 WAGNER, Richard, Text criticism, 597 WALCOTT, Gregory D., 372 WALKER, Francis, 141 Wall paper, 17 WALLER, Elwyn, 2 Walpole, Robert, 461 WALTHER, Hugo J., 50 Walther von der Vogelweide, 50 WASHINGTON, William M., 188 WASSAM, Clarence W., 544 WASSON, Edmund A., 58 Water analysis, 371 purification, 217 purification, 217 supply, 1, 21 WATERHOUSE, George B., 492 WATTERS, Leon L., 266 WEBB, Harold W., 603 WEBER, Adna F., 220 WEBSTER, William C., 169 WEIL, Robert, 59 WEINGARTEN, Frederick S., 545 WEINRICH, Morris F., 604 WELD, Louis D. H., 546 WELKER, William H., 547 WELLS, Frederic L., 452 WEST, Gerald M., 79 WEST, Gerald M., 79 WEST, Max, 102 WESTON, Stephen F., 346 WHITAKER, Albert C., 373 WIIITE, Theodore G., 221 WHITIN, Ernest S., 651 WHITNEY, David D., 605 WHITON, Helen I., 189 WHITTEN, Robert H., 190 WIECHMANN, Ferdinand G., 22 WILCOX, Delos F., 153 WILDE, Norman, 127

Will, 287 WILLCOX, Walter F., 85 WILLETT, Allan H., 267 WILLETT, Mabel H., 301 WILLIAMS, Alfred T., 494 WILLIAMS, Grace S., 652 WILLIAMS, James M., 453 WILLIAMS, Stephen G., 29 WILLIAMS, Samuel R., 454 WILLIAMS, Samuel R., 454 WILLIAMS, NCharles C., 493 WILLSON, John H., 455 WILSON, Warren H., 548 WINSTELD, Harriet, 222 WISE, Stephen S., 268 WISSLER, Clark, 269 Woman, Employment, 301 Wood, Alice I., 606 Wood, Frederick A., 128 Wood, Distillation, 51 Wood pulp, 43 WOODHULL, John F., 223 WOODMAN, Leon E., 603 WOODROW, Herbert, 607 WOODRUFF, Lorande L., 412 WOODWARD, Benjamin D., 86 WOOLEV, Edwin C., 270 WOOLSTON, HOWARD B., 608 WRIGHT, Ernest H., 654 YATSU, Naohidé, 413 YEN, Chin-Yung, 414 YOHANNAN, Abraham, 302 YOUNG, Clarence H., 87 YOUNG, Edward, 436 YOUTZ, Lewis A., 303 ZANDSTRA, Sidney, 609 ZEITLIN, Jacob, 549 Ziervogel process, 275



.







