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CONTENTS.

	Page.
Introduction.....	9
Generalities:	
Bibliography.....	11
New periodicals.....	15
Publications of associations, societies, conferences, etc.---	
National.....	15
State and local.....	22
Foreign.....	38
International.....	39
Documents.....	39
Directories.....	39
History and description:	
General.....	40
Ancient.....	40
Medieval.....	41
Modern.....	41
United States--	
General.....	41
Public schools.....	43
Higher or university education.....	44
Canada.....	46
Central and South America.....	46
Europe.....	46
Great Britain.....	46
Secondary education.....	47
Higher or university education.....	48
France.....	48
Germany.....	48
Higher or university education.....	49
Holland.....	49
Italy.....	49
Russia.....	50
Switzerland.....	50
Turkey.....	50
Asia.....	50
China.....	50
India.....	51
Japan.....	51
Australia.....	51
Biography.....	52
Theory of education.....	54
Principles and practice of teaching:	
General.....	58
Methods of study.....	60

Principles and practice of teaching—Continued.

	Page.
Educational psychology.....	61
Child study.....	62
Child psychology.....	63
Plays, games, etc.....	64
Kindergarten and primary education.....	64
Elementary or common school education.....	66
Rural schools.....	66
Curriculum.....	68
Reading.....	68
Literature.....	69
Composition and language study.....	69
Languages.....	69
History.....	70
Geography.....	70
Nature study and science.....	71
Physiology and hygiene.....	71
Arithmetic.....	72
Penmanship.....	72
Art.....	72
Occupations and busy work.....	72
Music.....	72
Agricultural training.....	73
Secondary education.....	73
Curriculum.....	75
Languages.....	75
Literature.....	75
English and composition.....	75
Modern languages.....	76
Ancient languages.....	76
History.....	77
Civic.....	77
Economics.....	78
Geography.....	78
Mathematics.....	78
Geometry.....	78
Science.....	79
Physics.....	79
Chemistry.....	80
Botany.....	80
Biology.....	80
Zoology.....	80
Physiology and hygiene.....	80
Agricultural training.....	81
Business education.....	81
Education and training of teachers.....	82
Teachers' institutes, meetings, etc.....	82
Teaching as a profession.....	82
Literary material, fiction, etc.....	82
Normal schools.....	83
Pedagogy in universities.....	83
International exchange of teachers.....	84

CONTENTS.

5

Principles and practice of teaching—Continued.

	Page.
Higher education.....	84
Salaries and pensions.....	86
Scholarships.....	87
Supervision and administration.....	88
Organization and methods.....	88
Standardization.....	88
Articulation of high school and college.....	89
College entrance requirements.....	89
Entrance examinations.....	90
Curriculum.....	90
Special subjects.....	90
Foreign study.....	91
Degree.....	92
School government:	
Legislation, laws—	
United States.....	92
District of Columbia.....	92
Illinois.....	92
Kentucky.....	93
Maryland.....	93
Massachusetts.....	93
New York.....	93
Ohio.....	93
Pennsylvania.....	93
Texas.....	93
Virginia.....	94
Wisconsin.....	94
England.....	94
France.....	94
Germany.....	95
Italy.....	95
Administration— <i>a.</i> Supervision and organization.....	95
National education office.....	97
Teachers' salaries and pensions.....	97
School reports; educational statistics.....	98
School-book question.....	98
Centralization of rural schools.....	98
Administration— <i>b.</i> Management and discipline.....	99
Rewards and punishment.....	99
Recreation.....	99
Classification and grading.....	99
Promotion.....	100
Retardation of pupils.....	100
Attendance; truancy.....	100
Self-government.....	101
School architecture and equipment.....	101
College architecture.....	102
Ventilation and lighting.....	102
Cleaning and disinfecting.....	102
Schoolroom decoration.....	102

School government—Continued.		Page.
School hygiene.....		102
Medical inspection of schools.....		104
Contagious diseases.....		105
Feeding of school children.....		105
Special subjects—		
Eyes and ears.....		105
Teeth.....		105
Tuberculosis.....		105
Miscellaneous.....		106
Open-air schools.....		106
School gardens.....		106
Playgrounds, parks, etc.....		107
Physical training.....		108
Public schools.....		109
Colleges.....		109
Special days (Arbor day, Bird day, Flag day, etc.).....		110
Student life and customs.....		110
College fraternities.....		111
High-school fraternities.....		111
Education—Special forms, relations, and applications:		
I. Forms—		
Self-education.....		111
Private-school education.....		111
II. Sociological aspect of education—		
Education and society; citizenship.....		111
Education and life.....		112
Schools as social centers.....		112
Home and school.....		112
Child welfare; child labor and education.....		114
III. Moral and religious education—		
General.....		115
Moral education.....		115
Religious education.....		116
Universities.....		117
The Sunday school.....		118
Church and education.....		118
Denominational schools.....		119
Y. M. C. A.....		119
International conciliation.....		119
IV. Types of education—		
Humanistic education.....		120
Vocational education.....		120
Manual training.....		121
Industrial and trade education.....		123
Public school.....		126
Technical education.....		127
Agriculture.....		128
Domestic science.....		130
Professional education (professions and occupations)—		
Architecture.....		130
Commerce and industry.....		130
Engineering.....		131
Fine arts.....		131

CONTENTS.

7

Education—Special forms, relations, and applications—Continued.

Page.

IV. Types of education—Continued.

Professional education (professions and occupations)—Continued.

Law.....	132
Medicine.....	132
Training of nurses.....	133
Music.....	134
Theology.....	134

V. Education of women.....	134
Coeducation.....	136

VI. Special classes of persons—

Indians.....	136
Negroes.....	136
Orientals.....	137
Immigrants and children of immigrants.....	137
The destitute (orphans, outcasts, paupers, etc.).....	137
The blind.....	137
The deaf.....	138
Crippled children.....	139
Backward children.....	139
Mentally defective children.....	140
Morally defective truants, etc.....	141
Education of royalty.....	141

VII. Education extension—

Continuation schools.....	141
Evening schools.....	141
Summer schools.....	141
University extension.....	141
Libraries in education.....	142

Universities, colleges, etc.:

United States—

University of Arkansas.....	143
Barnard college.....	143
Brown university.....	143
Central high school, Philadelphia.....	143
Cornell university.....	144
Dartmouth college.....	144
Harvard university.....	144
Massachusetts institute of technology.....	144
Miami university.....	144
New York university.....	144
Oberlin college.....	144
Rose polytechnic institute.....	144
Vassar college.....	144
Wesleyan university.....	145
Williams college.....	145
Yale university.....	145

Great Britain—

Cambridge university.....	145
Edinburgh university.....	145
Eton college.....	145
University of Glasgow.....	145
Haileybury college.....	146
National university of Ireland.....	146

Universities, colleges, etc.—Continued.	
Great Britain—Continued.	Page.
Oxford university.....	146
St. Paul's school.....	147
University college school, Hampstead.....	147
Austria—	
University of Vienna.....	147
Belgium—	
University of Brussels.....	147
University of Louvain.....	147
France—	
University of Paris.....	147
Germany—	
University of Leipzig.....	148
Italy—	
University of Bologna.....	148
India—	
University of Calcutta.....	148
Egypt—	
University of Cairo.....	148
Author and subject index.....	149

BIBLIOGRAPHY OF EDUCATION FOR 1909-10

INTRODUCTION

The bibliography of education for 1909-10, as was its immediate predecessor in the series, has been compiled in the library division of the Bureau of Education, which has been aided, in completing the principal sections of the list, by criticisms and additions furnished by prominent educational specialists. In addition to these collaborators in special classes, the entire bibliography, in its preliminary form, was submitted for revision and additions to the librarians of two of the leading pedagogical collections in the country outside of Washington.

A period marked by extensive and excellent literary productivity in education, namely, that reaching from July 1, 1909, to June 30, 1910, falls within the scope of this bibliography, but for special reasons a few important titles published earlier or later than these dates have been included.

The aim has been to present a thoroughly representative selection from the main classes of educational literature published in English during this period. Of publications in foreign languages, those which were judged to have special significance for American educators have been mentioned.

It is believed that the list here given of current proceedings and reports of educational associations will be found especially comprehensive. References have also been made to a considerable number of State and city school documents of importance appearing during the year. Wherever found desirable and practicable, descriptive and critical annotations, either original or quoted from authoritative reviews, have been appended to the titles of books or articles.

A detailed outline of the classification, which, with a few variations, follows that of the Library of Congress for Class L, Education, may be found in the table of contents.

BIBLIOGRAPHY OF EDUCATION, 1909-10

[The abbreviations used in periodical and serial references are ordinary ones and easily comprehended. Volume and page are separated by a colon. Thus 6 : 386-407 means vol. 6, pages 386 to 407.]

GENERALITIES

BIBLIOGRAPHY

1. **Austen, Willard H.** Educational value of bibliographic training. *Library journal*, 34 : 427-30, October 1909.
Read before the New York library association, Lake George, September 20, 1909.
2. **Adolescence. Mendousse, P.** In *his* L'âme de l'adolescent. Paris, F. Alcan, 1909. p. 303-9.
3. **Agricultural education. Davis, B. M.** Elementary school teacher, 10 : 107-9, 175-76, 283-86, 386-87, 452, November, December 1909; February, April, May 1910.
4. **Boy scouts. Baden-Powell, R. S. S.** In *his* Scouting for boys. Rev. ed. 2d impression. London, C. A. Pearson Ltd., 1909.
Bibliographies interspersed.
5. **Child study. Claparède, Ed.** In *his* Psychologie de l'enfant et pédagogie expérimentale. 3d ed. Genève, Kundig, 1909. p. 274-78.
6. — **Stern, C. and Stern, W.** In *their* Erinnerung, aussage und lüge in der ersten kindheit. Leipzig, J. A. Barth, 1909. p. [155]-168. (Monographien über die seelische entwicklung des Kindes. 2.)
7. **College and student periodicals. U. S. Bureau of education.** List of college and student periodicals currently received by the libraries in the District of Columbia. In Report of the Commissioner for the year 1909. v. 1, p. 551-56.
8. **College efficiency.** Bibliography, by Special committee of Oberlin college faculty on tests of college efficiency. *American college*, 1 : 514-17, March 1910.
9. **Defective and delinquent classes. Maennel, B.** In *his* Auxiliary education, the training of backward children; tr. by Emma Sylvester. New York, Doubleday, Page & co., 1909. p. 245-67.
10. **Dramatization. Woodbury, S. E.** In *his* Dramatization in the grammar grades. Los Angeles, Cal., Baumgardt publishing co., 1909. p. [45]-49.
11. **Education. Ruediger, W. C.** In *his* The principles of education. Boston, Houghton Mifflin company [1910] p. [297]-300.
"Collateral reading" at end of each chapter.
12. **Education: Biological aspects. Chambers, W. G.** A bibliography of the biological aspects of education. Greeley, Colo., Trustees of the State normal school of Colorado, 1909. 69 p. 12°. (State normal school of Colorado. Bulletin. ser. 9, no. 5, November 1909).

13. *Educational literature*. Educational books of the year. Independent, 67 : 296-311, August 5, 1909; 69 : 238-54, August 4, 1910.
 14. ——— **Evans, H. B.** A survey of educational literature, 1908-1909. Atlantic educational journal, 5 : 125-26, 158, December 1909.
 15. ——— **Gesellschaft für deutsche erziehungs- und schulgeschichte.** Historisch-pädagogischer literatur-bericht über das jahr 1908. Berlin, Weidmannsche buchhandlung, 1910. 278 p. 8°. *Its Mitteilungen.* (19. Beiheft.)
 16. ——— **Schiffels, J.** Katalog empfehlenswerter pädagogischer werke aus allen unterrichtsfächer mit besonderer berücksichtigung der katholischen literatur. 8. verb. Aufl. Haman, Breer und Thiemann, 1910. 108 p. 16°.
 17. ——— **Wolcott, J. D.** Current educational publications. Educational review, 38-39 : June 1909-May 1910.
 18. ——— *Periodicals.* **Casey, Charlotte.** Educational literature in recent periodicals. Western journal of education (San Francisco) 15 : 207, 282, 330-31, 374, April-July 1910.
 19. ——— The readers' index; a guide to what is in the . . . magazines. American educational review, 31 : 56-61, 120-27, 182-91, 244-54, 308-19, 376-84, 438-47, 502-11, 566-74, 646-53, October-December 1909, January-July 1910.
 20. ——— **Warren, Irene.** Current educational literature in the periodicals. School review, 17-18 : September 1909-June 1910.
 21. *Educational psychology.* **Lipmann, O.** In his Grundriss der psychologie für pädagogen. Leipzig, J. A. Barth, 1909. p. iv-vi.
 22. ——— **Thorndike, E. L.** In his Educational psychology. 2d ed., rev. and enl. New York, Teachers college, Columbia university, 1910. p. 231-35.
 23. *Fine and manual arts.* **Bailey, H. T.** In his Instruction in the fine and manual arts in the United States; a statistical monograph. Washington, Government printing office, 1909. p. 182. (U. S. Bureau of education. Bulletin, 1909, no. 6)
- "References to publications containing statistical data."
24. *France: Secondary schools.* **Farrington, F. E.** In his French secondary schools. New York, London [etc.] Longmans, Green, and co., 1910. p. [411]-430.
 25. *Geography: Teaching.* **Archer, R. L., Lewis, W. J. and Chapman, A. E.** In their The teaching of geography in elementary schools. London, A. & C. Black, 1910. p. 229-41.
Chapter on books and apparatus, giving good annotations.
 26. ——— **Phillips, C. A.** Development of methods in teaching modern elementary geography. Elementary school teacher, 10 : 438-39, 515, May, June 1910.
 27. ——— **Sutherland, W. J.** In his The teaching of geography. Chicago, Scott, Foresman & co. [1909] p. 274-86.
References also at end of each chapter.
 28. *Greece, Ancient: Education.* **Walden, J. W. H.** In his The universities of ancient Greece. New York, C. Scribner & sons, 1909. p. xiii-xiv.
 29. *Habit-formation.* **Rowe, S. H.** In his Habit formation and the science of teaching. New York, Longmans, Green, and co., 1909. p. 287-300.

30. *History*. **Andrews, O. M., and others.** A bibliography of history for schools and libraries, with descriptive and critical annotations . . . Pub. under the auspices of the Association of history teachers of the middle states and Maryland. New York [etc.] Longmans, Green, and co., 1910. xiv, 224 p. 12°.
31. ——— *Study and teaching.* In **American historical association.** The study of history in the elementary schools; report to the American historical association by the Committee of eight . . . New York, C. Scribner's sons, 1909. p. 131-38.
32. *Industrial education.* In **National education association.** Department of manual training. Committee on the place of industries in public education. Report . . . July 1910. [Winona, Minn.] The Association, 1910. p. 116-23.
 "Only books published since 1892 and articles from periodicals and society proceedings since 1900 have been selected. The list has been revised to July 1909."
33. ——— **Richards, C. R.** In his *Industrial training.* Albany, State department of labor, 1909. p. 357-94. (New York. Bureau of labor statistics. 26th annual report for 1908)
 "A selected bibliography on industrial education," with excellent annotations.
34. *Italy: Kindergarten.* **Vidotto, G.** In his *Sulla istituzione degli asili e della scuola infantile in Italia.* Roma-Milano, Società editrice Dante Alighieri di Albighi [1910] p. [135]-138.
35. *Legislation, Educational.* **Elliott, E. C.** In his *State school systems: III. Legislation and judicial decisions relating to public education, October 1, 1908, to October 1, 1909* . . . Washington, Government printing office, 1910. p. 16-20. (U. S. Bureau of education. Bulletin, 1910, no. 2)
36. *Manual-training teachers: Reading.* **Binns, C. L. and Marsden, R. E.** In their *Principles of educational woodwork.* London, J. M. Dent & co.; New York, E. P. Dutton & co. [1909] p. 66-71.
37. *Medical and dental inspection.* **Wallin, J. E. W.** In his *Medical and dental inspection in the Cleveland schools.* Psychological clinic, 4: 108, June 15, 1910.
38. *Mental deficiency.* **Bösbauer, H., Miklas, L. and Schiner, H., ed.** In their *Handbuch der schwachsinngenenfürsorge mit berücksichtigung des hilfeschulwesens.* 2d ed. Wien, K. Graeser & kie.; Leipzig, B. G. Teubner, 1909. p. 304-54.
39. *Method, Concept of.* **Lomer, G. R.** In his *The concept of method.* New York city, Teachers college, Columbia university, 1910. p. 97-99. (Teachers college, Columbia university. Contributions to education, no. 34)
40. *Moral and religious education.* In U. S. Bureau of education. Report of the Commissioner for the year 1909. v. 1, p. 30-32.
41. ——— **Jahn, M.** In his *Sittlichkeit und religion.* Leipzig, Dürr'sche buchhandlung, 1910. p. 318-21.
42. *Open-air schools.* **Ayres, L. P.** In his *Open-air schools.* New York, Doubleday, Page & company, 1910. p. [157]-171.
43. *Physical training.* **Affleck, G. B.** Bibliography of physical training; selected books and periodicals published September 1909-October 1910. American physical education review, 15: 193-209, 455-68, 662-80, March, June, December 1910.
 Reprinted, 62 p.
44. ——— **Burnham, W. H.** The hygiene of physical training. American physical education review, 15: 46-51, January 1910.

45. *Play*. Appleton, Lilla E. In her Comparative study of the play activities of adult savages and civilized children. Chicago, University of Chicago press, 1910. p. 85-94.
46. *Public documents*. U. S. Bureau of education. List of publications of the United States Bureau of education, 1867-1910. Washington, Government printing office, 1910. (*Its Bulletin*, 1910, no. 3)
47. — U. S. Department of agriculture. Free publications of the Department of agriculture classified for the use of teachers. Washington, Government printing office, 1910. 1st ed., issued February 28. 29 p. 8°. 2d ed., issued November 8. 35 p. 8°. (U. S. Department of agriculture. Office of experiment stations. Circular 94)
48. *Russia: Education*. Darlington, T. In his Education in Russia. London, Printed for H. M. Stationery office by Wyman and sons, limited, 1909. p. 547-56.
49. *School administration*. Edson, A. W. A bibliography of a course on school administration, summer session, Teachers college, 1910. New York city, Teachers college, Columbia university, 1910. 20 p. 8°. (Teachers college syllabi, no. 2)
50. *School gardens*. Greene, Maria, L. In her Among school gardens. New York, Charities publication committee, 1910. p. [341]-375.
51. — Parsons, H. G. In his Children's gardens for pleasure, health and education. New York, Sturgis & Walton company, 1910. p. 194-97.
52. *School hygiene*. Dufestel, L. In his Hygiene scolaire. Paris, O. Doin et fils, 1909. p. [385]-396.
53. — Whipple, G. M. In his Questions in school hygiene. Syracuse, N. Y., C. W. Bardeen, 1909. (Cornell studies bulletins for teachers, ed. by C. De Garmo, no. 4)
Bibliographies, p. 5-8. "References" and "suggestions for further reading" at beginning of each section.
54. — Wood, T. D. In his Health and education. Chicago, University of Chicago press, 1910. p. 105-8. (National society for the study of education. Ninth yearbook, part 1)
55. *Social centers, Schools as*. Perry, C. A. In his Wider use of the school plant. New York, Charities publication committee, 1910.
"References" at end of most of the chapters.
56. *Social education*. O'Shea, M. V. In his Social development and education. Boston, Houghton Mifflin co. [1909] p. 301-12.
57. *Stories, Where to find*. St. John, E. P. In his Stories and story-telling in moral and religious education. Boston, The Pilgrim press [1910] p. 93-100.
58. *Teaching*. Burritt, E. G. In his The pupil and how to teach him. Chicago, W. B. Rose, 1910. p. 253-54.
"Suggested books for reference and supplementary study, etc."
59. — Sachs, J. In his Syllabus of a general course on the theory and practice of teaching in the secondary school. New York city, Teachers college, Columbia university [1909] (Columbia university. [Teachers college] Extension syllabi, series A, no. 16)
"References" interspersed.
60. — Welton, James. In his Principles and methods of teaching. 2d ed., rev. and enl. London, W. H. Clive, 1909.
"Books recommended" at end of several chapters.

NEW PERIODICALS

61. *The Arizona journal of education*. v. 1, no. 1, April 1910. Published bi-monthly, except August. Press of Phoenix printing company, Phoenix, Ariz.
62. *The Child*. A monthly journal devoted to child welfare. v. 1, no. 1, October 1910. Published monthly. John Bale, sons & Danielsson, Ltd., London, Eng. (T. N. Kelynack, M. D., editor)
63. *Christian education*. A magazine for home and school. v. 1, no. 1, September 1909. Published bi-monthly. Review and herald publishing association, Washington, D. C. (H. R. Salisbury, editor)
64. *L'Educatore*. v. 1, no. 1, April 1909. Published semi-monthly. Convitto nazionale, Arezzo, Italy.
65. *The Gownman*. A weekly record and comment of university life. v. 1, no. 1, October 1909. The Black Bear press, Ltd., Hills Road, Cambridge, Eng.
66. *The Journal of educational psychology*. v. 1, no. 1, January 1910. Published monthly, except July and August. Warwick & York, Inc., Baltimore, Md.
67. *El Magisterio chihuahuense*. v. 1, no. 1, January 1910. Published monthly. Organo de la Sociedad científico-mutualista de profesores del estado de Chihuahua, Chihuahua, Mexico.
68. *Die Praxis der arbeitsschule*. v. 1, no. 1, January 1910. Published monthly. C. A. Seyfried & comp. (C. Schnell), München, Germany.
69. *School hygiene*. A monthly review for educationists and doctors. v. 1, no. 1, January 1910. Published monthly. School hygiene publication co., Ltd. London, Eng.
70. *School progress for teachers, parents and pupils*. v. 1, no. 1, August 1909. Published monthly. School progress publishing co., 925 Columbia Avenue, Philadelphia. (Anna D. D. Dixon, editor)
71. *Southern school news*. A journal of educational news and progress. v. 1, no. 1, November 1909. Published monthly. W. H. Jones, 1403 Main st., Columbia, S. C.
72. *Zuid en noord*. An international educational monthly containing Netherlandish, French, German, and English articles. v. 1, no. 1, January 1910. I. Vanderpoorten, Ghent, Belgium. (R. Picavet, editor)

PUBLICATIONS OF ASSOCIATIONS, SOCIETIES, CONFERENCES, ETC.

NATIONAL

73. *American association for the advancement of science. Section L—Education*. Abstract of proceedings of meeting at Boston, December 1909. Science, n. s. 31: 591-96, April 15, 1910. (C. R. Mann, secretary, University of Chicago, Chicago, Ill.)

Contains: 1. John Dewey: Science as subject-matter and as method (in full, Science, n. s. 31: 121-27, January 28, 1910; Journal of education, 71: 395-96, 427-28, 454, April 14, 21, 28, 1910). 2. E. L. Thorndike: A scale for the measurement of educational facts. 3. C. H. Judd: Experiments in education. 4. G. H. Mead: The psychology of social consciousness implied in instruction (in full, Science, n. s. 31: 668-69, May 6, 1910). 5. W. F. Dearborn: Problems in the psychology of reading. 6. W. C. Ruediger: Qualities of merit in teachers. 7. E. C. Sage: Geographical location and sphere of influence of colleges in the United States. 8. G. D. Strayer: Statistics of student body in American colleges. 9. C. F. Birdseye: The work of the Higher education association (in full, Science, n. s. 31: 721-23, May 13, 1910). 10. E. L. Thorndike, chairman: Report of Committee on collegiate education (Science, n. s. 31: 428-31, March 18, 1910). 11. W. H. Burnham: The group as a stimulus to mental activity (in full, Science, n. s. 31: 761-67, May 20, 1910). 12. E. L. Stevens: Why do pupils leave the high school before graduation?

74. American association of farmers' institute workers. *See* 1396.
75. American association to promote the teaching of speech to the deaf. *See* 1508.
76. American federation of arts. *See* 1430, 1431.
77. American home economics association. *See* 1414.
78. American institute of instruction. Papers read at a meeting held at Castino, Maine, July 6, 1909. *Journal of education*, 70: 87-97, 102-4, July 22, 1909.
 Contains: 1. H. C. Morrison: Federation of New England educational associations, p. 87-89. 2. T. F. Harrington: The health of school children, p. 89-90. 3. H. E. Bates: Co-operation in education, p. 91. 4. John Golden: The educational need from the viewpoint of organized labor, p. 91-92. 5. Julius Tuckerman: Symbols and substance in modern language teaching, p. 92-98. 6. F. H. Jenks: Practical agriculture in rural schools, p. 93-94. 7. W. E. Mason: Children's gardens, p. 94-95. 8. H. P. Waterman: Some results of industrial teaching, p. 95-96. 9. A. C. Boyden: Report on the organization, courses, and methods of some normal schools of the Middle West, p. 96-97. 10. J. E. Mowry: Essentials of arithmetic below the high school, p. 97, 102. 11. W. E. Russell: The problem of industrial education in the normal schools, p. 102-3. 12. G. H. Whiteber: Industrial education in an ordinary high school, p. 103-4.
79. American nature-study society. *See* 602.
80. American school hygiene association. *See* 1045.
81. American school peace league. *See* 1279.
82. American society of superintendents of training schools for nurses. *See* 1452, 1453.
83. Association of American agricultural colleges and experiment stations. *See* 1397.
84. Association of American law schools. *See* 1436.
85. Association of American medical colleges. *See* 1440.
86. Association of American universities. *See* 793.
87. Association of colleges and preparatory schools of the middle states and Maryland. *See* 794.
88. Association of colleges and preparatory schools of the southern states. *See* 795, 796.
89. Association of collegiate alumnae. *See* 1463.
90. Association of cosmopolitan clubs. *See* 900, 901.
91. Association of history teachers of the middle states and Maryland. *See* 688.
92. Catholic educational association. Report of the proceedings and addresses of the sixth annual meeting, Boston, Mass., July 12-15, 1909. *Bulletin*, v. 6, no. 1, November, 1909. [Columbus, O.] Catholic educational association, 1909. 477 p. 8°. (Rev. F. W. Howard, secretary-general, 1651 East Main st., Columbus, O.)
 Contains: 1. E. F. X. McSweeney: Coordination of colleges to seminaries, p. 103-15. 2. F. A. Purcell: The Latin curriculum in our Catholic colleges, p. 167-84. 3. D. J. McHugh: Physical sciences in Catholic colleges, 187-204. 4. M. R. McCarthy: Catholic centers for the deaf in New York and New Jersey, p. 409-14.
93. Child conference for research and welfare. *See* 491.
94. Classical conference. *See* 1286.
95. Conference for education in the South. Proceedings of the twelfth conference, Atlanta, Georgia, April 14-16, 1909. Nashville, Tennessee, The Executive committee of the Conference [1909] 235 p. 8°. (Wickliffe Rose, secretary, Nashville, Tenn.)
 Contains: 1. Hoke Smith: Address of welcome, p. 12-17. 2. R. C. Ogden, president: Address, p. 17-29. 3. S. O. Mitchell: The American spirit in education, p. 29-35. 4. J. M. Pound: Educational progress of the year in the southern states, p. 35-69. 5. G. B. Cook: The agricultural and in-

- dustrial educational movement in the South, p. 69-84. 6. E. E. Brown: The national program in education, p. 84-97. 7. Clarence Ousley: The educational campaign in Texas, p. 98-111. 8. J. L. Coulter: Economic organization of rural life, p. 112-29. 9. Gifford Pinchot: National progress in country life, p. 129-31. 10. Mrs. B. B. Munford: The southern woman's work for education; a record and interpretation, p. 132-39. 11. Lillian W. Johnson: The woman's club as a factor in education, p. 139-44. 12. Mrs. R. E. Park: The educational work of the club women of Georgia, p. 144-48. 13. Lida S. King: The higher education of women, p. 149-56. 14. C. L. Coon: Public taxation and the negro school, p. 157-67. 15. A. C. Ellis: Education and economic development, p. 171-86. 16. C. R. Van Hise: The state university in the service of the state, p. 180-97. 17. P. P. Claxton: A school for grown-ups, p. 198-203. 18. J. Y. Joyner: How the Southern education board has helped and can help the South, p. 209-13.
96. **Conference for education in the South.** Proceedings of the thirteenth conference, Little Rock, Arkansas, April 6, 7, 8, 1910. Washington, D. C., The Executive committee of the Conference [1910] 352 p. 8°. (P. P. Claxton, secretary, Knoxville, Tenn.)
- Contains: 1. G. W. Donaghey: Address of welcome, p. 9-11. 2. R. C. Ogden, president: Address p. 12-30. 3. L. D. Harvey: The training of girls for the home, p. 31-48. 4. J. N. Powers: Report of the year's progress in public education in each of the southern states, p. 50-63. 5. C. A. Cobb: What one southern county agricultural high school has done and is doing, p. 64-69. 6. J. Y. Joyner: The adjustment of the rural school to the conditions of rural life as observed in the rural schools of Page county, Iowa, p. 69-76. 7. J. D. Eggleston, Jr.: Consolidation by transportation, p. 76-92. 8. T. H. Harris: Unifying the county school system, p. 93-100. 9. A. M. Soule: Education for efficiency in rural communities, p. 101-29. 10. R. E. Blackwell: The function and the future of the small college in the South, p. 129-44. 11. R. H. Lewis: Education and the public health, p. 145-59. 12. H. F. Cope: Religion and education, p. 160-63. 13. W. R. Hollowell: Social improvement leagues: what they are doing and what they may do, p. 164-73. 14. Mrs. T. P. Murrey: The work of school improvement in Arkansas, p. 173-76. 15. Mrs. J. Fletcher: What club women are doing for schools in Arkansas and what they may do, p. 176-80. 16. H. T. Bailey: Community improvement through the school-home, p. 180-85. 17. R. L. Owen: The conservation of our national vitality, p. 190-95. 18. J. C. Branner: Education for economic efficiency, p. 196-209. 19. H. L. Russell: What education is doing for Wisconsin, p. 210-15. 20. F. L. Stevens: Agriculture in the elementary school, p. 219-24. 21. J. J. Doster: Agriculture in public high schools, p. 225-33. 22. C. A. Keffer: What the college of agriculture can do to promote the teaching of agriculture in the rural schools, p. 233-42. 23. D. B. Johnson: Agriculture in normal schools, p. 242-50. 24. C. S. Barrett: America's destinies and the education of the farmer, p. 250-53. 25. S. A. Knappp: How can the masses be induced to adopt a better system of agriculture? p. 253-58. 26. R. C. Stearnes: An excursion among western schools, p. 291-98. 27. J. N. Powers: County schools of agriculture and domestic science in Wisconsin and what they mean to the people, p. 298-301. 28. H. C. Gunnels: Boys' corn clubs, p. 301-4. 29. G. B. Cook: Development and significance of industrial cooperation, p. 304-8. 30. J. G. Crabbe: A great university in the service of the people—seed selection, p. 308-10.
97. **Conference for the study of the problems of rural life.** See 547, 548.
98. **Conference on agricultural science.** See 1398.
99. **Eastern association of physics teachers.** See 724, 726.
100. **Eastern manual training association.** See 1312, 1432.
101. **Lake Mohonk conference of friends of the Indian and other dependent peoples.** See 1488.
102. **Lake Mohonk conference on international arbitration.** See 1280.
103. **National association for the study and education of exceptional children.** See 1525.
104. **National association of state universities.** See 797.
105. **National child labor committee.** See 1200.
106. **National conference on the education of backward, truant, and delinquent children.** See 1526.
107. **National education association of the United States.** Journal of proceedings and addresses of the forty-seventh annual meeting, held at Denver, Colo., July 3-9, 1909. Winona, Minn., The Association, 1909. xi, 1027 p. 8°. (Irwin Shepard, secretary, Winona, Minn.)

General session

Contains: 1. L. D. Harvey: The need, scope, and character of industrial education in the public-school system, p. 49-70. 2. Laura D. Gill: The scope of the department of women's organizations, p. 70-75. 3. N. M. Butler: The call to citizenship, p. 75-82. 4. J. W. Abercrombie: Ethics in civic life, p. 83-88. 5. W. F. Gordy: Education and the petition to the third Hague conference, p. 88-91. 6. J. W. Robertson: The Macdonald college movement, p. 92-100. 7. E. O. Dexter: Educational progress in Porto Rico, p. 100-4. 8. N. M. Butler: In memoriam: Dr. James Hulme Canfield, p. 105-7. 9. H. B. Pavill: Should the public school be the bulwark of public health? p. 107-18. 10. J. E. Burke: Hygiene in the Boston public schools, p. 118-23. 11. Ben Blewett: The department of school hygiene in the St. Louis public schools, p. 123-29. 12. C. W. Barnes: Moral training through the agency of the public schools, p. 129-40. 13. F. C. Sharp: Some experiments in moral education, p. 141-46. 14. B. B. Lindsey: Childhood and morality, p. 146-57.

Department of Superintendence (Chicago meeting, 1909)

15. J. B. Richey: What is possible and desirable in the simplification of the elementary school course?—the next step, p. 165-68. 16. J. L. Meriam: Fundamentals in the elementary school curriculum, p. 169-75. 17. W. R. Siders: In class instruction, how can the individual be reached? p. 175-82. 18. J. M. Greenwood: Retardation of pupils in their studies and how to minimize it, p. 182-92. 19. S. D. Brooks: The relations of the university to the secondary school, p. 192-98. 20. R. J. Aley: Articulation of higher and secondary education through teaching and teachers, p. 199-203. 21. C. E. Chadsey: The relation of the high school to the community and to the college, p. 203-7. 22. C. P. Cary: Proposed changes in the accrediting of high schools, p. 207-12. 23. W. E. Chancellor: Some personal relations of college and university in this democracy, p. 212-17. 24. Bert Hall: Truancy: a few causes and a few cures, p. 217-22. 25. Julia Richman: What share of the blame for the increase in the number of truants and incorrigibles belongs to the school, p. 222-32. 26. A. D. Cafi: Moral enthusiasm in the making, p. 232-38. 27. Ella L. Cabot: Moral training in schools, p. 239-45. 28. W. L. Tomlins: Music as a moral influence, p. 246-48. 29. J. W. Abercrombie: The American peril, p. 249-52. 30. W. H. Maxwell: The necessity for departments of health within boards of education, p. 252-57. 31. G. E. Johnson: The playground as a factor in school hygiene, p. 257-62. 32. Woods Hutchinson: The evil influences of school conditions upon the health of school children, p. 262-66. 33. Frank Allport: A plea for the systematic annual and universal examination of school children's eyes, noses, and throats, p. 266-70. 34. K. L. Butterfield: The dignity of vocation as a fundamental idea in industrial education, p. 273-77. 35. Eugene Davenport: Industrial education a phase of the problem of universal education, p. 277-88. 36. E. E. Brown: Industrial education as a national interest, p. 288-90. 37. J. D. Burks: Getting our bearings on industrial education, p. 291-96. 38. J. W. Withers: The functions of the city training school, p. 296-307. 39. David Felmley and V. L. Roy: Is the employment of untrained teachers the cause or result of low salaries? p. 307-10. 40. E. E. Brown: The reorganization of the library of the Bureau of education with a view to making it an agency for effective cooperation with pedagogical libraries throughout the country, p. 310-12. 41. O. I. Woodley: Industrial education, p. 313-16. 42. A. C. Thompson: Conditions which demand industrial training in elementary schools, p. 316-17. 43. J. M. Frost and C. R. Gibson: Industrial training in high schools, p. 317-22. 44. M. C. Potter: Qualifications and functions of the ward-school principal, p. 322-24. 45. B. E. Nelson: How can the ward-school principal be of most service? p. 324-26. 46. H. V. Hotchkiss: The problem of slow pupils—how to handle them in elementary grades, p. 326-29. 47. E. S. Dreher: Slow pupils in the high school, p. 330.

National Council of Education

48. C. O. Pearce: The care of the deaf and blind in the public schools of Milwaukee, p. 343-46. 49. Olive Jones: The systematic care of the exceptional child, p. 346-53. 50. F. G. Bruner: Abnormal children—their classification and instruction, p. 350-55. 51. Ben Blewett: Provision for exceptional children in the public schools of St. Louis, p. 355-60. 52. S. D. Brooks: Provisions for exceptional children in the public schools of Boston, p. 361-64. 53. L. H. Gulick: The next step in the investigation, p. 365. 54. J. M. Greenwood: The home and school life, p. 367-68. 55. J. H. Baker: Report of progress by the committee on the culture element and economy of time in education, p. 373-76. 56. W. H. Smiley: The need of an investigation of the culture element and economy of time in education as related to secondary schools, p. 377-80. 57. A. S. Downing: The meaning of industrial education to the elementary schools, p. 380-85. 58. E. E. Brown: Report of committee on cooperation with educational organizations in other countries, p. 388-90. 59. J. W. Cook: The progress of education for the year, p. 390-97. 60. N. C. Schaeffer: The supervision of rural schools, p. 397-400. 61. E. O. Cooley: The adjustment of the school system to the changed conditions of the twentieth century, p. 404-10. 62. H. H. Seeley: The province of the common people in the administration of public education, p. 415-21. 63. E. T. Fairchild: The province of State boards and State superintendents in the administration of public education, p. 423-28. 64. C. H. Keyes: The function of county and city boards and superintendents in school administration, p. 426-29. 65. W. O. Thompson: The province of State educational institutions in the administration of public education, p. 430-33.

Department of Kindergarten Education

66. E. E. Brown: The preparation of the kindergarten for institutional life, p. 438-39. 67. F. D. Dyer: The place of the kindergarten in the public school, p. 439-40. 68. G. M. Forbes: The function of the kindergarten in the public school, p. 440-45. 69. Alma O. Ware and Alma L. Binsel: To accord with modern educational ideals, what further modification or reconstruction of the hand-work of the kindergarten and elementary grades should be made? p. 445-53.

Department of Elementary Education

70. J. F. Chamberlain: Progress and needs in elementary education, p. 458-60. 71. J. W. Cook: Does the curriculum of the elementary school meet the existing needs? p. 460-65. 72. H. B. Work: How can the curriculum of the elementary school be enriched? p. 466-71. 73. O. W. Caldwell: The place and practice of nature study in the elementary school, p. 471-73. 74. Ellen H. Richards: Application of the household arts and sciences in the elementary schools, p. 473-76.

Department of Secondary Education

75. J. S. Brown: The autonomy of the high school, p. 480-83. 76. Eugene Davenport: Unity in education and its preservation while meeting the demands for industrial training, p. 485-92. 77. F. H. Hall: The ethical value of vocational instruction in secondary schools, p. 492-97. 78. G. B. Morrison: Third report of the committee on six-year course of study, p. 498-503. 79. Gilbert Ransom: The recent movement in physics, p. 503-7. 80. V. K. Froula: The scope and value of history in the high school, p. 507-11. 81. H. L. Riets: An exposition of the Illinois syllabus on algebra for secondary schools, p. 511-14. 82. E. B. Hedrick: The treatment of geometry for secondary instruction, p. 515-19. 83. J. F. Mills: The real-problem movement in its relation to the teaching of geometry and algebra in secondary schools, p. 519-22.

Department of Higher Education

84. A. R. Hill and B. W. Williston: Has the American college failed to fulfill its function? p. 523-33. 85. Charles Fordyce and J. H. T. Main: How to develop properly the inner community life of the college or university, p. 535-46.

Department of Normal Schools

86. H. G. Williams: The place of the normal school in a system of public education, p. 548-56. 87. S. E. Harwood: The training school as a school of observation and practice, p. 557-61. 88. C. B. Robertson: The functions of the training school: its relations to the department of principles and methods, p. 561-67. 89. H. H. Seerley: The Davis bill in its relation to normal schools, p. 570-73. 90. Albert Salisbury: Teacher-training in Great Britain, p. 573-79. 91. D. McGregor: Professional training for teachers of secondary schools, p. 581-87. 92. T. A. Hillyer: Professional training for teachers of secondary schools in colleges and universities, p. 587-92. 93. A. O. Thomas: Who should determine standards and courses for the training of teachers, and how should such standards be determined? p. 592-96.

Department of Manual Training

94. J. E. Addicott: Definitions pertaining to industrial arts, p. 599-606. 95. J. C. Monaghan: From the standpoint of economic and manufacturing interests, should special trade schools be established? p. 606-13. 96. A. B. Clark: Art as related to the industries: from standpoint of art, p. 616-21. 97. Evelyn A. Rich: Art from standpoint of manual training, p. 621-24. 98. A. H. Chamberlain: [Art] from general educational standpoint, p. 624-26. 99. C. T. Work: The importance of instruction in arts and sciences for home life, p. 628-36. 100. Ellen H. Richards: Influence of industrial arts and sciences upon rural and city home life: from the standpoint of domestic science, p. 636-39. 101. Albert Salisbury: Influence of industrial arts and sciences, etc.: from the standpoint of economic interests, p. 640-43.

Department of Art Education

102. Florence E. Ellis: Better preparation for the life needs of the great majority who do not reach the high school, p. 646-49. 103. Gertrude B. Smith: Art in the home, p. 649-54. 104. C. M. Carter: The international congress of art in London, p. 655-60. 105. W. H. Elson: A course of study in free-hand drawing and applied arts, p. 660-64. 106. A. B. Clark: Report of committee on university entrance examinations in art, p. 667-69. 107. Henry Read: The American federation of arts, p. 669-73.

Department of Music Education

108. Frances E. Clark: The status of music in the United States, p. 675-81. 109. C. H. Farnsworth: Music on an accredited basis in colleges and universities, p. 681-87. 110. W. G. Chambers: Modern psychology and music study, p. 687-91. 111. C. I. Rice: Report of committee on terminology, p. 691-95. 112. E. E. Brown: Our national songs, p. 695-96. 113. J. R. Kirk: Music on an accredited basis, p. 696-99.

Department of Business Education

114. S. R. Hoover: The next advance movement, p. 702-4. 115. H. M. Rowe: The university of commerce: what it should teach and why, p. 705-11. 116. J. J. Sheppard: High school of commerce or commercial department? p. 712-15. 117. Elizabeth Van Sant: Possibility or desirability of a national uniform system of stenography, p. 716-18.

Department of Child Study

118. W. G. Chambers: Why children play, p. 720-26. 119. O. B. Lovejoy: The child in industry, p. 726-33. 120. J. H. White: The child in the group, p. 733-37. 121. D. B. Lindsey: The child and the community, p. 737-43.

Department of Physical Education

122. W. W. Hastings: The place of physical education in the field of hygiene, p. 746-51. 123. G. W. A. Luckey: Should school hygiene become a department of the public-school system and physical training be made a subdepartment under school hygiene? p. 751-56. 124. W. E. Garrison: The proper balance between mental and muscular training in the school curriculum, p. 759-64. 125. W. F. Klocum: Athletic competition in college and preparatory school, or competition preparatory to entering college, p. 765-69. 126. C. E. Chadsey: The proper relation of organized sports on public playgrounds and in public schools, p. 771-77. 127. John Dietrich and E. C. Bishop: How should the athletics of both men's and boys' departments of the Y. M. C. A. supplement that of the public schools? p. 777-85.

Department of Science Instruction

128. O. W. Caldwell: The modern high school and industrial education, p. 790-94. 129. E. J. Townsend: The status of the high school and its relation to colleges and universities, p. 794-99. 130. G. A. Cowen: The aim and methods of science education in secondary schools, p. 799-801. 131. W. N. Clifford: Report of the committee on the topic: The United States Government materials that are usable in secondary education, p. 802-3. 132. H. A. Winkenwerder: Progress in conservation, p. 803-9. 133. C. E. Peet: What shall the first-year high-school science be? p. 809-15. 134. R. O. Johnson: The course in elementary-school science and its relation to high-school science, p. 817-20. 135. J. F. Chamberlain: Report of the committee on secondary-school geography, p. 820-28.

Department of School Administration

136. L. E. Wolfe: Progress in school administration, p. 830-33. 137. C. F. Perry: Trade schools and school boards, p. 833-39. 138. C. W. Mark: The function of school boards, p. 839-42.

Library Department

139. R. J. Akey: Books and high-school pupils, p. 844-48. 140. Edith Tollett: Plan of a course of instruction in the use of libraries; and the results accomplished, p. 848-52. 141. F. G. Blair: The study and use of books, p. 852-58. 142. C. E. Chadsey: What does each, the library and the public school, contribute to the making of the educated man? p. 860-63. 143. J. E. Banta: The library and the school, p. 863-70.

Department of Special Education

144. C. G. Pearce: Public schools for the exceptional child, p. 873-77. 145. A. O. Neal: The Indiana plan for handling truants, indigent and pauper children, p. 877-83. 146. L. E. Milligan: The industrial education of the deaf, blind, and feeble-minded, p. 885-89. 147. E. M. Van Cleave: The outlook for the blind youth, p. 890-94. 148. Ida H. Clark: Open-air schools, p. 894-901. 149. F. G. Bruner: Report of committee on books and tests pertaining to the study of exceptional and mentally deficient children, p. 901-14.

Department of Indian Education

150. C. E. Burton: A résumé of Indian work, p. 917-18. 151. J. F. Murphy: The prevention of tuberculosis in the Indian schools, p. 919-24. 152. J. H. Baker: Our educational duties to the Indian, p. 927-28. 153. C. B. Dyke: Essential features in the education of the child races, p. 928-32. 154. S. L. Heeter: The teacher's responsibility to the Indian child, p. 932-35. 155. J. H. Phillips: Character-building: the foundation of education, p. 936-38. 156. H. B. Peairs: What education has done for the Indian, p. 938-40. 157. B. B. Lindsey: Moral training, p. 940-45. 158. A. J. Fynn: The preservation of aboriginal arts, p. 947-50. 159. S. T. Sherry: Elementary industrial training in the day school, p. 950-52.

Department of Rural and Agricultural Education

160. S. A. Knapp: Agricultural education for the rural districts, p. 954-58. 161. E. R. Bakcomb: Some means of awakening and maintaining an interest in agricultural education, p. 959-64. 162. H. H. Seerley: National aid in the preparation of teachers of agriculture for the public schools, p. 965-68. 163. D. J. Crosby: How may the rural schools be more closely related to the life and needs of the people, p. 969-71. 164. D. J. Crosby: Special agricultural high schools, p. 974-76. 165. E. C. Bishop: The present status of agricultural education in the public schools, p. 976-82. 166. Josiah Main: The correlation of high-school science and agriculture, p. 983-87. 167. R. O. Johnson: Agriculture for the elementary schools, p. 987-92.

Department of Women's Organizations

168. Helen L. Grenfell: The constitution of the ideal school board, and the citizen's duty toward it, p. 994-99. 169. J. A. Bache: Delinquency and the responsibility of the school toward it, p. 1001-6. 170. Theda Gildemeister: Study at home, p. 1008-12. 171. Mrs. H. J. Hersey: The parents' obligation to the school, p. 1012-16.

108. **National education association of the United States. Department of superintendence.** Proceedings of annual meeting held at Indianapolis, Ind., March 1-3, 1910. [Winona, Minn.] The Association, 1910. 179 p. 8°.

Contains: In memoriam—William Torrey Harris, by George P. Brown, Charles P. Cary, and Elmer Ellsworth Brown. Discussion of the following topics: Differences of children in mental alertness, moral responsibility, mental attitudes, tastes and tendencies, physical condition, environment, vocational aim; The country child; Purpose and content of the elementary curriculum; Grading and promotion of pupils.

109. **National society for the promotion of industrial education.** See 1337.

110. **National society for the study of education.** See 1065.

111. **National society of college teachers of education.** See 784.

112. **Playground association of America.** See 1112.

113. **Religious education association.** See 1232.

114. **Society for the promotion of engineering education.** See 1428.

115. **Southern association of college women.** See 1465.

116. **Southern educational association.** Journal of proceedings and addresses of the nineteenth annual session, held at Atlanta, Georgia, December 29-31, 1908. [Chattanooga, Tenn.] The Association [1909] 736 p. 8°. (William F. Feagin, secretary, Montgomery, Ala.)

Contains: 1. M. L. Brittain: The rural school house, p. 59-62. 2. P. P. Claxton: A review, a condition, a task, p. 85-90. 3. H. S. West: A formula for method in high school English literature, p. 91-97. 4. Nettie C. Sergeant: Theme writing in the high school, p. 98-106. 5. F. L. Riley: History in the high school, p. 107-15. 6. T. J. Jones: Relation of the state to the education of the negro, p. 116-20. 7. J. H. Phillips: Essential requirements of negro education, p. 121-29. 8. J. H. Dillard: Negro rural schools, p. 130-35. 9. C. F. McEwe: Results of attempts at the higher education of the negro of the South, p. 136-44. 10. C. J. Owens: Agricultural education in the United States, p. 149-56. 11. C. B. Gibson: Recent tendencies towards industrial education in Europe and America, p. 157-66. 12. Julia T. Rankin: Trained librarianship in the South, p. 167-73. 13. R. J. Tighe: Compulsory school attendance in Asheville, N. C., p. 174-80. 14. Emma G. Boyd: Compulsory education, p. 181-83. 15. Wickliffe Rose: Education as a public business, p. 184-90. 16. J. C. Olmstead: Medical inspection of school children for contagious and infectious diseases, p. 200-5. 17. Dunbar Roy: Necessity for proper care of school children's eyes and ears, p. 206-18. 18. C. E. Boynton: Education of the backward child—a psychological study, p. 219-25. 19. W. B. Murrah: Right views of education, p. 226-34. 20. H. L. Smith: A conspicuous fault in modern university training, p. 235-40. 21. C. W. Needham: The university's service to the state, p. 241-52. 22. W. W. Smith: Student self-government, p. 263-58. 23. R. P. Pell: The college professor and the community, p. 259-67. 24. A. P. Montague: The teacher's place in the American commonwealth, p. 268-72. 25. E. M. Polest: The denominational college, p. 273-78. 26. P. H. Mell: College attitude toward the high school, p. 279-82. 27. J. P. Monaghan, S. J.: True aim in scientific education, p. 283-308. 28. J. E. Allen: Status and dignity of secondary education in the South, p. 310-24. 29. John Graham: Relation of the high school to the state and college, p. 325-27.

30. T. P. Scott: Two-fold function of the high school, p. 328-33. 31. Wallace Townsend: The high school as a factor in the community, p. 336-43. 32. W. E. Miller: The high school as a preparation for life work, p. 347-59. 33. J. P. W. Brouse: Individuality of the high school, p. 360-65. 34. R. A. Wells: Why are the public schools so severely criticised? p. 366-80. 35. G. W. Lay: Intelligent and honest standards in secondary education, p. 381-90. 36. I. W. Jayne: A high school for the country boy and girl, p. 391-98. 37. C. L. Coon: A suggestion to promote rural high school development, p. 399-401. 38. William Schuyler: The so-called culture studies in secondary education—some questions, p. 402-5. 39. P. B. Radcliffe: Aims of the recitation, p. 406-12. 40. J. R. Powell: Rational high school course of study for modern complex conditions, p. 413-21. 41. R. H. Jordan: Some advantages of a group system of electives in a high school course of study, p. 422-29. 42. B. C. Caldwell: Relation of the model, practice, or training school to the work of the normal school, p. 435-39. 43. J. L. Jarman: Relation of heads of departments to supervisors or critic teachers, p. 440-44. 44. H. H. Cherry: Democracy and education, p. 445-50. 45. R. J. Tighe: Women's clubs in cooperation with the public schools, p. 453-58. 46. M. A. Cassidy: Use of school buildings and grounds aside from regular school sessions, p. 459-62. 47. E. L. Hughes: Supervision of negro schools, p. 463-68. 48. L. M. McCartney: Efficiency of teachers, p. 470-74. 49. G. G. Bond: Evolution of pedagogy, p. 475-81. 50. P. W. Horn: Relation of the city schools to the commission form of city government, p. 482-90. 51. I. C. McNeill: The delinquent child, p. 491-98. 52. C. B. Chapman: What is the hope of compulsory education in the elementary schools? p. 508-13. 53. J. H. Reynolds: Agricultural high schools, p. 515-25. 54. P. A. Hopkins: Relation of manual training to the technical school, p. 526-29. 55. J. C. Mattoon: Common schools from an industrial standpoint, p. 530-40. 56. M. T. Fullan: Advantages of the trade school over the apprenticeship system, p. 541-50. 57. E. C. Emerson: The large project vs. the small model, p. 551-54. 58. Marion L. Baskin: Educational value of gymnastics, p. 557-74. 59. Ellen Reiff: Construction work in relation to mind growth, p. 617-21. 60. Lillian Rule: Handwork in the first four years of school, p. 622-28. 61. G. H. Baskette: The library as a factor in education, p. 641-45. 62. J. N. Deahl: Value of child study for parents, p. 649-52. 63. Maude M. Shippe: Play the legitimate business of childhood, p. 653-60. 64. H. J. Pearce: Interrelation of suggestibility and intelligence, p. 665-71. 65. Max Meyer: A neglected method of examination, p. 672-77. 66. W. T. White: Some mentally defective children in our public schools, p. 678-83. 67. W. I. T. Hoover: Psychology in secondary education, p. 683-86. 68. Miss C. P. Oppenheimer: Relation of the kindergarten to the home, p. 695-700.

117. Western drawing and manual training association. See 1313, 1314.

118. Women's educational and industrial union. See 1466, 1467.

ASSOCIATIONS, SOCIETIES, CONFERENCES, ETC.—STATE AND LOCAL

119. Alabama educational association. Official proceedings of the twenty-ninth annual session, . . . held at Birmingham, March 24-26, 1910. [Birmingham, 1910] 331 p. 8°. (W. C. Griggs, secretary, Birmingham, Ala.)

Contains: 1. N. R. Baker: Present problems, p. 44-54. 2. Toulmin Gaines: Education for health, p. 54-63. 3. Janet C. Simpson: Improvement in teaching, p. 63-68. 4. F. J. Cowart: Consolidation of rural schools, p. 68-72. 5. W. H. Storey: Efficient supervision, p. 72-78. 6. C. B. Glenn: Efficient supervision, p. 79-82. 7. J. Y. Joyner: Address, p. 82-91. 8. H. P. Judson: The teacher and the community, p. 91-96. 9. Mrs. R. D. Johnston: Address, p. 97. 10. Mrs. Martha Gielow: Address, p. 98-100. 11. Sarah Louise Arnold: The teacher's task, p. 100-1. 12. Cora Pearson: Composition in grammar grades, p. 109-11. 13. Mrs. S. J. Price: Grammar in the upper elementary grades, p. 111-15. 14. H. C. Gunnels: Address, p. 116-17. 15. W. H. Storey: Needed changes in the school law, p. 118-22. 16. J. P. Oliver: What can the county superintendent do to increase the interest in the study of agriculture in our schools, p. 122-25. 17. P. B. Hughes: Qualified superintendents, p. 125-28. 18. M. T. Linder: Competent county supervision, p. 128-31. 19. W. T. Hollinsworth: Qualified supervision, p. 132-34. 20. S. R. Butler: Local taxation, p. 134-35. 21. Georgie Wade: Model language lesson, p. 136-39. 22. M. T. Fullan: Industrial education in the new rural school, p. 140-48. 23. Isabel Bevier: Industrial education for girls in the schools, p. 148-50. 24. Annie Walker: The correlation of manual training with other work in primary grades, p. 152-54. 25. H. Reid: Manual training equipment in primary grades, p. 154-55. 26. Maude Green: The use of native materials, p. 155-57. 27. R. L. Dinwiddie: High school work in manual training, p. 157-58. 28. Alice Sachs: Music in the schools from a supervisor's viewpoint, p. 160-63. 29. Eva L. Bennett: Should music be compulsory or elective in the normal school, p. 163-65. 30. Maude E. Trullitt: How and why should music be made a required state study in the Alabama schools? p. 165-69. 31. T. W. Palmer: Definition of a college, p. 177-80. 32. E. M. Shackelford: Place of normal schools in the state system, p. 180-82. 33. S. M. Hosmer: Intercollegiate athletics in Alabama, p. 182-85. 34. Mrs. P. B. Reed: Education of women in Alabama, p. 185-92. 35. W. R. Harrison: Our high school needs in Alabama, p. 192-95. 36. P. M. McNeill: Relation of the high school to the elementary school, p. 195-98. 37. A. A. Persons: A secondary school laboratory equipment in physics, p. 198-207. 38. L. N. Duncan: Best method of introducing agriculture and allied branches into high schools, p. 207-14. 39. B. B. Broughton: High school

athletics, p. 215-19. 40. Iralee Whitaker: How I teach my English course, p. 220-22. 41. Lillian Gatlin: The English course in a county high school, p. 222-26. 42. M. A. Bright: Suggestions for teaching the classics, p. 228-31. 43. B. O. Dykes: Geometrical drawing as an aid in the teaching of geometry, p. 231-33. 44. E. S. Fugh: The necessary equipments of the teachers of mathematics, p. 234-35. 45. E. W. Jenkins: How I equipped a chemical laboratory at small cost, p. 235-36. 46. E. S. McClathery: Arrangement and care of laboratories, p. 239-40. 47. J. Y. Graham: Biology in everyday life, p. 240-44. 48. F. E. Lloyd: On the best method of teaching high school botany, p. 244-51. 49. W. B. Buford: What Latin the high school graduate should know, p. 251-54. 50. J. L. Moulder: Effect of our college entrance requirements on the development of the high school, p. 255-56. 51. J. J. Doster: Statistics of secondary education, p. 256-57. 52. C. H. Barnwell: Admission by certificate, p. 258-62. 53. R. F. Cooper: Functions of the high school as compared with those of the college, p. 262-68. 54. Mrs. E. D. Thames: Presentation of the school improvement movement in Alabama, p. 274-79.

120. **Arkansas state teachers' association.** Proceedings of the forty-second annual session . . . Hot Springs, December 28th, 29th, and 30th, 1909. Little Rock, Ark., 1910. 253 p. 8°. (Henry S. Traylor, secretary, Booneville, Ark.)

Contains: 1. Committee on code of ethics: Report, p. 28-32. 2. H. S. Hartsog: Educational evangelism, p. 36-45. 3. G. B. Cook: The attitude of Arkansas toward public education, p. 46-54. 4. J. J. Doyno: Education for efficiency, p. 55-62. 5. B. W. Torreyson: Needs of a higher education, p. 63-65. 6. W. D. Johnson: The Arkansas teachers' reading circle, p. 66-71. 7. G. R. Hopkins: How may we secure more male graduates from the high schools? p. 72-73. 8. B. F. Condray: Should we have a uniform curriculum for high schools in Arkansas? No. p. 74-75. 9. R. J. Nelson: Industrial training—its benefits—how may it be introduced into the public schools? p. 76-78. 10. J. A. Presson: How may the superintendent test the quality of the teacher's work? p. 79-82. 11. F. G. May: How may the superintendent test the quality of the teacher's work? p. 83-85. 12. C. F. Adams: Agriculture in the collegiate and professional worlds, p. 97-101. 13. J. H. Reynolds: Conservation of the soil, p. 102-12. 14. C. C. Denney: The relation that the state normal sustains to the high schools and colleges of the state, p. 116-20. 15. B. W. Torreyson: The high school situation in Arkansas, p. 121-23. 16. W. B. Lodermlk: How to secure more accurate reports from school directors and equity examiners, p. 124-30. 17. J. P. Womack: Student self-government, p. 130-38. 18. J. R. Williamson: Student government, p. 139-40. 19. J. C. Futrell: Some defects in the teaching of Latin in the secondary schools, p. 146-51. 20. O. E. Williams: Suitable libraries for the grades; how secured; how preserved; how made useful, p. 168-70. 21. W. J. Bowder: Outline course for agriculture in the graded schools, p. 189-96. 22. Mrs. F. M. Williams: How can the home and the school be brought into closer relations, p. 231-32.

121. **Brown university teachers' association.** Proceedings, 1910. Education, 30: 609-93, June 1910. (Elmer T. Hamer, president, Pawtucket, R. I.)

Contains: 1. W. H. P. Faunce, president: Greeting, p. 609-10. 2. A. A. Holden: Survival of the freshmen in New England colleges, p. 611-15. 3. F. W. Nicolson: College failures: the responsibility of the school and the home, p. 617-31. 4. D. W. Abercrombie: The responsibility of the college for the freshman, p. 632-48. 5. C. E. Dennis, Jr.: Report of Committee on college entrance requirements, p. 649-60. 6. J. S. French: How to secure from the pupil initiative and independent effort, p. 661-69. 7. S. H. Rowe: The study habit and how to form it, p. 670-83. 8. F. M. McMurry: Relative values in study, and the basis for judging them, p. 684-92. 9. Maud E. Kingsley: Examination questions for Homer's *Odyssey*, p. 692-93.

122. **California. City and county superintendents.** Proceedings of the first annual convention, held near Yosemite Falls, August 23-28, 1909. Western journal of education, 14: 427-63, September 1909.

Contains: James Ferguson: Commercial education in the United States and abroad, p. 452-63.

123. **California council of education.** Committee on permanent organization. Report, adopted at Fresno, March 12, 1910. Sierra educational news and book review, 6: 35-43, April 1910. (Mark Keppel, secretary, Los Angeles, Cal.)

124. **Conference for education in Texas.** Proceedings of the third annual session, Austin, Texas, March 26-27, 1909. Austin, Austin printing company [1909] 110 p. 8°. (A. N. McCallum, secretary, Austin, Tex.)

Contains: 1. S. E. Mezes, J. L. Keeler: What must be done in order that the people of Texas may enjoy the privileges of an efficient State system of public schools? p. 11-18, 18-31. Discussion (by R. B. Cousins), p. 31-36. 2. D. M. Alexander: The thirtieth legislature in educational history, p. 37-43. 3. M. L. Hunt: The movement for local taxation, p. 44-50. Discussion, p. 50-55.

BIBLIOGRAPHY OF EDUCATION FOR 1909-10.

4. F. L. Townsend: The farmers' interest in better schools for all the children of the State, p. 62-73.
 5. J. S. Austin: The laborers' interest in better schools for all the children of the State, p. 74-79.
 6. M. A. Spounts: The property-holders' interest in better schools for all the children of the State, from the standpoint of the railroads, p. 80-85.
 7. C. E. Evans: The work of the second year and the program for the third year, p. 86-91. Discussion, p. 91-99.
 8. A. C. Ellis: The problem of modern school buildings in Texas, p. 99-100.
125. Conference for education in Texas. Educational commission. See 922.
126. Georgia educational association. Proceedings and addresses of the forty-third annual meeting at Cumberland Island, Ga., June 23, 1909. Waldosta, Ga., Times publishing company, 1909. 65 p. 8°.
- Contains: 1. O. B. Martin: Public school extension work, p. 20-35. 2. C. B. Gibson: Waste in education, p. 36-40. 3. Mrs. W. B. Hill: Better educational facilities, p. 49-52. 4. J. I. McCleskey: Consolidation of rural schools, p. 53-58. 5. O. Ashmore: The problem of the slow pupil, p. 59-65.
127. ——— Proceedings and addresses of the forty-fourth annual meeting, Atlanta, Ga., April 28-30, 1910. Macon, Georgia, The Anderson printing co., printers, 1910. 185 p. 8° (Clifford L. Smith, secretary, 1910-11, La Grange, Ga.)
- Contains: 1. E. A. Pound: Causes of failure in teaching, p. 35-47. 2. J. N. Rogers: Agricultural education in the public schools, p. 48-52. 3. D. B. Johnson: Southern ideals: Why they should be maintained in the education of southern women, p. 53-58. 4. K. G. Matheson: Some thoughts concerning the effect of technical education upon the prosperity of the South, p. 59-69. 5. M. L. Duggan: Our rural school problems, p. 70-72. 6. Mrs. F. F. Andrews: The teacher and internationalism, p. 73-80. 7. A. J. Cobb: The needs of secondary schools in Georgia, p. 81-84. 8. G. A. Persons: The needs of secondary schools in Georgia, p. 85-90. 9. J. S. Stewart: The needs of secondary schools in Georgia, p. 91-97. 10. R. B. Daniel: Industrial education in the grammar schools, p. 110-14. 11. D. C. Barrow: Standardization of higher education, p. 115-22. 12. J. F. Sellers: Standardizing our colleges, p. 123-29. 13. H. B. Hunt: The functions of the high school, p. 130-32. 14. A. M. Boule: The functions of the high school, p. 133-39. 15. R. H. Powell, Jr.: The function of the college in the preparation of teachers, p. 140-43. 16. E. C. Emerson: The problem of holding the boy in the high school, p. 143-52. 17. K. T. Alfriend: The problem of holding the boy in the high school, p. 152-56. 18. T. H. Garrett: Planning the high school course, p. 157-64. 19. C. L. Smith: The duty of the State to her secondary schools, p. 165-68. 20. G. I. Orr: The teaching of English in elementary schools, p. 169-75. 21. T. J. Wooster, chairman: Report of committee on legislation and the betterment of the profession of teaching, p. 175-79.
128. High school teachers' association of Los Angeles. See 642.
129. High school teachers' association of New York city. See 643, 644.
130. Illinois state teachers' association. Journal of proceedings of the fifty-fifth annual meeting, held at Springfield, Illinois, December 29-31, 1908. Springfield, Illinois, Illinois state journal co., state printers, 1909. 219 p. 8°.
- Contains: 1. F. G. Blair: The educational commission and the school system, p. 30-44. 2. F. H. Hall: The township as the unit of school organization, p. 44-49. 3. E. E. Van Cleave: Effect of proposed legislation upon township high schools, p. 49-51. 4. O. L. Manchester: The work of the educational commission, p. 51-57. Discussion, p. 57-59. 5. J. W. Cook: Memorial address—Richard Edwards, A. M., LL. D., p. 59-68. 6. J. E. Miller: Memorial: Honorable James P. Slade, p. 69-73. 7. R. M. Hitch: Memorial: Homer Bevans, p. 73-76. 8. D. E. Smith: The present tendency in arithmetic, p. 81-95. 9. M. M. Cook: The county superintendent and the proposed new certificate law, p. 114-20. Discussion, p. 120-22. 10. May B. Hawkins: The proposed minimum wage law and the country schools, p. 125-26. 11. G. T. Smith: Certification of teachers, p. 130-34. 12. F. M. Richardson: Minimum wage scale for teachers, p. 134-38. 13. W. C. Bagley: Recent result and tendencies in child study, p. 147-52. 14. F. G. Bonser: Vocational work below the high school in its bearing on the growing ideal interests of children, p. 153-58. 15. J. E. Raycroft: The function and administration of medical supervision in the school, p. 158-63. 16. Ella T. Price: A standard of morals for primary children, p. 167-71. 17. Eva A. Smedley: A standard of morals for primary children, p. 171-74. 18. Helen M. Sabin: The ethical value of handwork, p. 174-78. 19. Anna H. Morse: Kindergarten certificates, p. 178-80. Discussion, p. 180-82. 20. E. A. Turner: The certification of teachers, p. 192-95. 21. C. H. Britton: The proposed certifying law, p. 200-2.
131. ——— Journal of proceedings of the fifty-sixth annual meeting, held at Springfield, Illinois, December 28-30, 1909. Springfield, Ill., Illinois state journal co., state printers, 1910. 271 p. 8° (Caroline Grote, secretary, Macomb, Ill.)
- Contains: 1. C. M. Bardwell: President's address, p. 66-69. 2. F. G. Blair: Results of the work of the educational commission, p. 69-74. 3. A. E. Whipple: The schools and the critics, p. 75-78. 4. D. W. Potter: The relation of motor to mental activity, p. 78-80. 5. Mary E. Talbot: The school

- tional value of manual training, p. 99-104. 6. F. D. Crawshaw: What to consider in introducing manual training in a school, p. 104-10. 7. Mrs. F. E. Clark: A modern Apollo [school music], p. 122-29. 8. Rabbi Leon Harrison: The gospel of hard work—What hard work does for us: how it educates us, p. 129-34. 9. W. N. Clifford: How forestry can be taught in the school, p. 134-37. 10. U. J. Hoffman: Experiences in standardizing country schools, p. 144-46. 11. E. C. Pruitt: Setting up a definite aim, p. 146-48. 12. D. F. Nickols: Standardization of rural schools—the effect on the teacher, p. 148-50. 13. Leona F. Bowman: Value of country school inspection by the State department to the county superintendent, p. 150. 14. Charles McIntosh: The county institute—State aid, p. 151-54. 15. F. A. Glibbath: Time of holding annual institutes, p. 155-58. 16. A. F. Nightingale: How to obtain good instructors for institutes, p. 158-62. 17. W. C. Bagley: The possibility of training children how to study, p. 167-73. 18. L. A. Fulwider: A cooperative school and shop course, p. 179-87. 19. J. D. Rogers: The content of the course of study leading to the B. A. degree, p. 188-94. 20. H. B. Wilson: The beginning of medical inspection in Illinois, p. 196-200. 21. E. T. Davies: Enforcement of the law concerning child labor, p. 200-7. 22. Charles Virden: A review of the social and educational agencies for the amelioration of the conditions of childhood now operative in Illinois—finding, placing and supervision of dependant and delinquent children of Chicago, p. 208-11. 23. Caroline Hedger: Some problems of sanitation in the public schools of Chicago, p. 211-14. 24. E. A. Wygant: Morality taught through plays and games, p. 216-18. 25. M. L. Hood: Morality taught in the general management of the school, p. 218-19. 26. Mrs. J. E. Warren: Practical methods in sight singing, p. 221-23. 27. H. A. Hollister: Character and scope of the work of an accredited high school, p. 225-29. 28. Mrs. O. T. Bright: The aims of the congress of mothers' clubs, p. 230-31. 29. Mrs. W. S. Heffernan: Home training of children, p. 231-33. 30. F. G. Bonser: Where parents fail in the education of children from the school's point of view, p. 233-38. 31. Stuart Brown: Some aspects of school training as viewed by the business man, p. 238-41. 32. F. G. Bonser: What should be the attitude of the normal school toward industrial education? p. 243-50.
132. **Indiana state teachers' association.** Proceedings and papers of the fifty-sixth session, December 28, 29, 30, 1909, Indianapolis, Indiana. [Indianapolis, 1910] 152 p. 4°. (J. B. Percy, permanent secretary-treasurer, Anderson, Ind.)
- Contains: 1. R. J. Aley: Institutional responsibility, p. 27-30. 2. Symposium: Some needed school adjustments, p. 30-42. 3. J. R. Carr: The rural school: its improvement, p. 55-57. 4. J. W. Figg: Improvement of rural school—patron's part, p. 57-58. 5. Oscar Thomas: What the teacher can do to improve our rural schools, p. 58-59. 6. J. N. Hurty: How the board of health can assist in improving the rural school, p. 59-60. 7. W. W. Black: How the county institute instructor can help the rural school, p. 61-62. 8. W. O. Wilson: The township institute, p. 62-64. 9. R. N. Trety: County supervision supplementary to visitation, p. 65-67. Discussion, p. 67-68. 10. J. C. Webb: Work of the county board of education, p. 68-70. 11. A. E. Highley: History of the correlation of mathematics, p. 70-71. 12. W. W. Hart: Correlation of mathematics in grade school and high school, p. 71-73. 13. Francis Daniels: The influence of French on English, p. 79-81. 14. E. H. Biermann: Some problems connected with the teaching of German in high schools, p. 82-84. 15. C. B. McInn: The teaching of poetry in high school, p. 85-87. 16. C. D. Mead: Head, heart, or hand with the deficient child? p. 89-91. 17. H. M. Appleton: Classroom problems for the manual-training teacher, p. 91-93. 18. Laurinda De Villbliss: Domestic science in the public schools, p. 93-95. 19. L. A. Pittenger: Training of high-school teachers, p. 95-96. 20. J. E. Neff: The academic preparation of the high-school teacher, p. 96-99. 21. T. A. Mott Richmond: Modifications of the work of the seventh and eighth grades, p. 99-101. 22. R. Katharine Beeson: Poetry in the grades; its possibilities for teaching children the common lessons of life, p. 101-2. 23. C. C. Coleman: Greek and Latin as aids to the study of English—a discussion, p. 102-3. 24. D. D. Hains: The theater of the Greeks, p. 103-5. 25. Lulu Williamson: Reading in the first and second grades, p. 105-7. 26. B. F. Moore: Reading in the third and fourth grades, p. 107-9. 27. Anna Boruff: Reading in the fifth and sixth grades, p. 109-10. Discussion, p. 110-11. 28. Blanche Merry: Reading in the seventh and eighth grades, p. 111-12. Discussion, p. 113. 29. H. W. Stopher: Music contests and their effects upon the schools, p. 113-14. 30. W. A. Mills, R. J. Aley: The county institute. Discussion, p. 117-18.
133. **Iowa state teachers' association.** Proceedings of the fifty-fourth annual session, held at Des Moines, Iowa, December 28, 29, 30, and 31, 1908. Des Moines, Iowa, Emory H. English, state printer, 1909. 247 p. 8°.
- Contains: 1. Abbie S. Abbott: The high school and the individual, p. 12-17. 2. Reports of the committee of the educational council: School boards, p. 17-20; Pensions and tenure of office of teachers, p. 20-34. 3. W. H. Norton: The American college and the democratic ideal, p. 40-50. 4. S. L. Chandler: Are college salaries adequate? p. 50-55. 5. G. W. Samson: The trend to one graduate degree, p. 55-60. 6. E. D. Starbuck: How shall we deepen the spiritual life of the college, p. 60-65. 7. F. F. Almy: The way out of the elective class—the group system, p. 65-70. 8. G. C. Fracker: The delinquent college student, p. 70-74. 9. Fannie Duren: Cooperation of teacher and

- librarian in establishing standards for the reading public, p. 74-80. 10. Elisabeth Bills: The teaching of English in the high schools of the West, p. 80-83. 11. R. B. Crona: Medical inspection, p. 97-101. 12. E. F. Schell: School sanitation and hygiene, p. 104-7. 13. F. T. Oldt: School architecture, p. 108-14. 14. Jessie E. Dicks: The relation of the primary to the kindergarten, p. 114-17. 15. W. D. Hanson: How far should the grammar grades prepare for the high school? p. 118-21. 16. O. W. Hunt: The relation of the grade teacher to the principal, p. 121-23. 17. J. R. Hanna: Literature in public school, p. 123-26. 18. J. B. Sullivan: The outsider's view of manual training and its relation to the social and commercial world, p. 126-32. 19. L. C. Bryan: Manual training from the superintendent's viewpoint, p. 140-45. 20. F. T. Tompkins: The future normal institute, p. 146-49. 21. L. C. Brown, F. D. Joseph: The need of more training schools for teachers and how such schools may be provided, p. 149-55. 156-58. 22. F. E. George: Fire protection in public schools, p. 158-62. 23. W. N. Clifford: Forestry and the schools, p. 162-65. 24. A. H. Avery: The superintendent's relation to the high school, p. 165-66. 25. G. E. Weaver: Penmanship in the grades, p. 167-70. 26. J. C. Howell: Penmanship in the high school, p. 170-75. 27. W. S. Hendrixson: The ends to be accomplished through the teaching of science in the secondary schools, p. 180-84. 28. S. L. Thomas: The corrective value of science in the high school, p. 184-86. 29. L. S. Ross: Should there be a place in the high-school course for bacteriology and elementary medicine? p. 186-91. 30. Frank Nagel: The value of music in the public schools, p. 191-95. 31. A. G. Smith: The value of physics as seen from the viewpoint of the college, p. 195-98. 32. J. F. Riggs: The next step in school legislation, p. 199-205.
134. **Iowa state teachers' association.** Proceedings of the fifty-fifth annual session, held at Des Moines, Iowa, November 4, 5, and 6, 1909. Des Moines, Emory H. English, state printer, 1910. 264 p. 8°. (O. E. Smith, secretary, Indianola, Iowa)
- Contains: 1. E. J. H. Beard, president: Address, The rural schools, p. 38-45. 2. J. F. Riggs: The state association and school legislation, p. 45-52. 3. Pension and tenure of office of teachers, p. 55-59. 4. Report of the committee on medical inspection in schools, p. 59-76. 5. Report of committee on "Master's degree, p. 77-79. 6. F. O. Norton: Are denominational colleges a necessary and permanent part of our educational system? p. 80-88. 7. A. B. Storms: The ethical by-product of higher education, p. 88-95. 8. W. H. Bender: The training of the high school teacher, p. 95-99. 9. C. V. Finlay: The place of the private school in secondary work, p. 99-103. 10. J. C. Nelson: The educational value of the vocational subjects, p. 103-6. 11. J. E. Marshall: School hygiene and sanitation, p. 107-10. 12. F. A. Nims: Ethics, morals, and religious principles in our public schools, p. 110-14. 13. L. G. Foelt: The high school course of study, p. 114-16. 14. F. E. King: How to keep the boys in schools, p. 117-19. 15. C. H. Bailey: The educational significance of the arts and crafts movements, p. 120-24. 16. A. C. Newell: Should we aim at the vocational side or the aesthetic in teaching the manual arts? p. 125-27. 17. Fan B. Sanders: The relation of arts to crafts in our public schools, p. 127-30. 18. Dollie D. Burgess: Elementary bookkeeping—object, methods, and results, p. 130-33. 19. Alice M. Hunter: Office practice, p. 133-37. 20. W. R. Baker: Business English and correspondence, p. 137-42. 21. Winifred Conrall: The application of kindergarten principles, p. 142-45. 22. Celeste Givens: The preservation and culture of the voice, p. 146-50. 23. J. P. Stephenson: president college department round table: Address, p. 150-54. 24. H. O. Campbell: Are our colleges meeting their responsibility in respect to moral training? p. 154-61. 25. J. H. T. Main: What is a reasonable requirement for a five year state certificate? p. 161-64. 26. C. M. Miller: Rural school graduation—How successfully accomplished, p. 164-67. 27. W. F. Chevalier: Shall the school year be lengthened to ten months? p. 168-72. 28. J. H. Beveridge: The pensioning of Iowa teachers, p. 172-75. 29. Georgia Alexander: Language and literature in the primary grades, p. 175-84. 30. C. O. Denny: (Latin) Sight reading, p. 185-86. 31. The preparation of high school Latin teachers, p. 187-91. 32. Ellen O. Wing: Manual and domestic arts for girls, p. 191-95. 33. C. H. Brown: Art and manual training, p. 196-98. 34. S. M. Hall: Decoration of school rooms, p. 198-200. 35. The educational value of rhythm, p. 200-3. 36. W. A. Brandenburg: The place of physical education in our public school curriculum, p. 203-6. 37. G. W. Tidd: The advisability of the cultural course in physics, p. 206-7. 38. Etta M. Bardwell: Biology notebooks, p. 208-11. 39. Katherine H. Macy: The cultural value of bird study, p. 211-14. 40. R. B. Wylie: Botany in the Iowa high schools, p. 215-19. 41. E. C. Roberts: The place of geography in the high school, p. 219-21. 42. J. H. Lees: How teachers of physiography can use the Iowa geological survey, p. 221-22. 43. Commercial geography in the high school, p. 222-25. 44. C. P. Colgrove: Teaching in character building, p. 225-32.
135. **Kentucky educational association.** Proceedings of the thirty-eighth annual session. Estill Springs, Irvine, Ky., June 22-24, 1909. Frankfort, Ky., Frankfort printing co. [1909] 258 p. 8°. (T. W. Vinson, secretary, Frankfort, Ky.)
- Contains: 1. Don Carlos Ellis: Forestry and schools, p. 28-36. 2. H. O. Slugs: To what extent shall we yield to the demand for industrial training in our schools? p. 36-42. 3. C. W. Mathews: Should we teach agriculture in our elementary schools? p. 42-56. 4. R. H. Crossfield: What are colleges and universities doing for the moral welfare of their students? p. 71-81. 5. Mrs. F. O. Stout:

Physical education at state university, p. 118-26. 6. J. K. Patterson: The university and its relation to the public high school, p. 131-38. 7. F. F. Thwing: On teaching geometry [high school] p. 167-76. 8. G. M. Money: Enforced attendance for county schools, p. 208-12. 9. N. L. Taylor: The county board of education, p. 220-24.

136. **Louisiana. Conference of high school principals of public education.** Proceedings of the [first] conference, Baton Rouge, La., December 16, 17, and 18, 1908. Baton Rouge, The New advocate official journal, 1909. 142 p. 8°. (Joseph E. Blum, secretary).

137. **Louisiana. Conference of parish superintendents of public education.** Proceedings of the [twenty-first annual] conference, Baton Rouge, Louisiana, December 16, 17, and 18, 1908. Baton Rouge, The New advocate official journal, 1909. 127 p. 8°. (L. J. Alleman, secretary).

138. **Maryland state teachers' association.** [Proceedings of the] forty-second annual meeting, Mountain Lake Park, Md., June 29-July 2, 1909. n. p., 1909. 173 p. 8°. (H. W. Caldwell, secretary, Chesapeake City, Md.)

Contains: 1. Sarah E. Richmond, president: Address, p. 17-22. 2. Aggie J. Davis: Opening exercises, p. 23-25. 3. G. D. Strayer: [Problems of education and possibility of standards of efficiency in teaching] p. 25-32. 4. J. D. Worthington: The country teacher, p. 32-37. 5. Isobel Davidson: English in the primary schools—the teacher's preparation, p. 39-43. 6. Hanna A. Coale: The best ways for expression of ideas, p. 44-48. 7. Nan J. Mildren: Story-telling and the poem in language, p. 48-53. 8. Dandridge Murdaugh: [Reading lessons] p. 53-55. 9. J. M. Gambrill: Education—the old and the new, p. 64-73. 10. G. D. Strayer: [Nature and nurture in determining achievement of individual] p. 74-80. 11. W. H. Wilcox: English in the intermediate grades—the preparation of the teacher, p. 82-87. 12. Anne M. Luman: Composition work and its method, p. 87-90. 13. N. W. Cameron: Cultivation of the imagination, p. 90-95. 14. J. Rosier: Public education and social efficiency, p. 97-103. 15. W. T. Warburton: [Suggestions to teachers] p. 103-109. 16. J. T. White: Opening exercises, p. 110-12. 17. S. S. Handy: Purpose and aim in presentation—aims in literature, p. 112-14. 18. Maude Brown: My method in presenting the English classics, p. 115-19. 19. U. G. Palmer: The use and abuse of English grammar, p. 119-21. 20. Ida P. Stabler: Development of power in the use and appreciation of good English, p. 121-26. 21. Lelia N. McCoy: Use of the school library in teaching English, p. 126-28. 22. G. H. Lamar: Address, p. 131-37. 23. C. T. Wright: Minimum qualifications for first-class teacher's certificate, p. 146-53. 24. J. P. Fockler: The superintendent's visit, p. 155-59. 25. J. W. Thomas, chairman: Report of the committee on "Text books in history," p. 159-60. 26. Report of committee on physical training, p. 160-61.

139. **Massachusetts state teachers' association.** Papers read at sixty-fifth annual meeting, Worcester, November 26, 1909. Journal of education, 70: 568-71, December 2, 1909. (C. M. Grover, secretary, Boston, Mass.)

Contains: 1. A. S. Draper: The necessary groundwork of industrial training, p. 568-69. 2. J. G. Cannon: Commercial education, p. 569-70. 3. Curtis Guild, Jr.: Materialism and education, p. 570. 4. John Golden: Industrial education from the standpoint of organized labor, p. 570-71. 5. E. G. Cooley: Shall we teach economics in our schools? p. 571.

140. **Michigan schoolmasters' club.** Journal, forty-fourth meeting held in Ann Arbor, March 31, April 1, 2, 3, 1909. Ann Arbor, Michigan, The Club [1909?] vi, 214 p. 4°. (Louis P. Jocelyn, secretary-treasurer, Ann Arbor, Mich.)

Contains: 1. F. A. Manny: The background of the certificate system, p. 3-8. 2. L. J. Wylie: The examining board and its functions, p. 8-19. 3. G. D. Strayer: The meaning of heredity in education, p. 19-29. 4. G. B. Davenport: In how far and in what way is it true that the child is bound by heredity? p. 29-33. 5. R. M. Wenley: What light does heredity throw upon the possible future of education? p. 33-52. 6. E. D. Kelly: Latin in the preparatory schools, p. 64-67. 7. Cecile Gauntlett: The aims and difficulties of beginning Latin, p. 67-69. 8. A. S. Hudson: Problems of the high school Latin course, p. 70-73. 9. C. H. Carrick: Physics, from the viewpoint of the superintendent, p. 74-76. 10. Lea Green: The relation of high school physics to other school studies, p. 76-79. 11. G. A. Miller: The future of mathematics, p. 87-93. 12. J. F. Thomas, Aleida J. Pieters: Some considerations on the report of the Committee of eight on the teaching of history, p. 93-94, 94-95. 13. Lucy Elliott: Applications in historical teaching to modern conditions—ancient history, p. 96-101. 14. Lulu B. Southmayd: Points of contact between English and American history, p. 101-5. 15. L. A. Chase: How far may legal and constitutional problems be emphasized in history teaching? p. 105-6. 16. F. L. Paxson: The legal basis of American history, p. 107-11. 17. Elsie Cooper: Constitutional history in the high school, p. 112-13. 18. N. A. Harvey: The influence of Darwinian doctrine upon the development of psychology, p. 113-13. 19. E. G.

- Lancaster: The effect of the Darwinian doctrines on education, p. 118-23. 20. J. R. Bishop: Some observations upon commercial courses based on a recent visit to English schools, p. 130-34. 21. R. J. Bennett: The study and practice of accountancy, p. 138-46. 22. A. H. Hobbes: Cultural value of commercial subjects, p. 146. 23. Gertrude O. Hunnicutt: Entrance requirements for business colleges, p. 147-54. 24. A. H. Holmes: The development of character, p. 155-59. 25. D. H. Springer: Should the university place commercial subjects upon the list of electives from which entrance credits may be chosen? p. 159-66. 26. J. E. Hammond: Business ethics as exemplified by teachers and proprietors, p. 166-72. 27. W. E. Gould: Is the elimination of geology from the high school course of study advisable? p. 178-81. 28. W. H. Hobbs: What should be taught in a year's high school course in physiography? p. 181-83. 29. F. W. Frostie: Some phases of field geography in the high school, p. 184-87. 30. L. D. Scott: The training of the teacher of physical geography, p. 188-99.
141. **Michigan state teachers' association.** Proceedings of the fifty-seventh annual meeting, held at Saginaw, October 28-30, 1909. Moderator-topics, 30: 187-69, 189-92, 211-14, 238-42, 261-66, 325-30, November 4, November 11, November 18, November 25, December 2, December 23, 1909. (John P. Everett, secretary, Ypsilanti, Mich.)
- Contains: 1. W. H. French, president: Address, p. 188-91. 2. H. A. Miller: Current criticism of college methods and ideals, p. 212-14. 3. C. G. Wade: Shall the high school be extended downward to include the seventh and eighth grades? p. 238-39. 4. Josephine Goss: Grading and promotion of pupils, p. 240. Discussion, p. 240-41. 5. Edna Lyman: The purpose and results of telling stories to children and the gain to the children from different types of stories, p. 242-44. 6. Florence M. Hopkins: What the library can do for the high-school pupil, p. 264-66. 7. M. S. W. Jefferson: How geography may be made to help the work in history, p. 327-29. 8. Writing in primary grades, p. 329-30.
142. **Minnesota educational association.** Journal of proceedings and addresses of the forty-seventh annual convention, Minneapolis, Minn., October 28-30, 1909. Minneapolis, Minn., 1909. 276 p. 8°. (J. M. Guise, secretary, St. Paul, Minn.)
- Contains: 1. W. C. Bagley: Modern education and moral development, p. 34-61. 2. G. A. Franklin: Do industrial courses promise substantial returns in efficiency? p. 63-66. 3. W. S. Jones: Manual training and domestic science; why they should have a place in the school curriculum, and the extent and purposes of the work, p. 140-42. 4. L. E. Covell: Should the free text-book system be adopted? p. 151-56.
143. **Mississippi teachers' association.** Proceedings of the twenty-fifth annual meeting, Meridian, April 28, 29, and 30, 1910. Jackson, Miss., Tucker printing house [1910] 198 p. 8°. (Edward L. Bailey, secretary, Jackson, Miss.)
- Contains: 1. J. R. Ellis: President's address, p. 24-31. 2. J. N. Powers: Address, p. 34-39. 3. C. F. Capps: Present educational tendencies, p. 39-46. 4. S. C. Hall: Present educational tendencies, p. 46-48. 5. D. A. Hill: Right views of education, p. 48-51. 6. D. C. Langston: "The place of the manual and industrial arts in education," p. 51-54. 7. J. C. Jones: Physical training in public schools, p. 54-57. 8. J. M. Kennedy: Present day problems in education, p. 57-60. 9. R. H. Hester: A glance at the grammar grades, p. 60-63. 10. T. P. Scott: The two-fold function of the high school—preparation for college and for life, p. 64-70. 11. M. W. Schwartz: [The commercial course] p. 70-75. 12. R. P. Linfield: Should there and can there be a high school course of classical and vocational electives devised to meet present conditions in Mississippi? p. 76-84. 13. J. C. Windham: If such a course is possible, shall the schools or colleges devise it? p. 84-89. 14. G. H. Alford: The work of the National Government in extending agricultural education through the public schools, p. 89-92. 15. W. C. Sweat: The county superintendent in the school-room, p. 92-94. 16. G. L. Clothier: Some conservation problems for Mississippi, p. 95-98. 17. Andrew Allison: A laboratory course in physical geography, p. 98-105. 18. Anna L. Fant: The teacher as a nature student, p. 105-9. 19. R. C. Morris: The content of a high school course in botany, p. 109-14. 20. Kate Williams: What a primary teacher should know, p. 120-24. 21. Stella B. Redding: Literature in the primary grades, p. 124-29. 22. Margaret Graham: The problem of the primary teacher in the rural school, p. 130. 23. Winnie Welborne: Nature study: its relation to other subjects and how this relation may be maintained, p. 131-33. 24. Susie V. Powell: Report of Mississippi school improvement association 1909-10, p. 136-39. 25. F. L. Riley: Is state history worth while? p. 140-44. 26. M. W. Schwartz: Mississippi state classical association. The report of the president on the work of the year, p. 144-47. 27. A. L. Bondurant: Present conditions of Latin and Greek study in Mississippi, p. 147-58. 28. M. Latimer: What can be done to stimulate the study of Greek in our high schools? p. 159-61. 29. Margaret J. Warren: The translation: its value in the study of the classics, p. 161-64. 30. Josephine Fitts: Should Latin be taught in the agricultural high schools? p. 164-66.

144. **Missouri state teachers' association.** Proceedings and addresses, forty-eighth annual meeting, Saint Louis, Missouri, December 28, 29, 30, 1909. Fulton, Mo., The Gazette publishing co., 1910. 344 p. 8°. (E. M. Carter, secretary, Jefferson City, Mo.)

Contains: 1. B. O. Shackelford, president: Address, The faculty of effort as an end in education, p. 27-32. 2. O. Heller: Painful thoughts on painless education, p. 32-35. 3. V. Williams: For the life that now is, p. 36-39. 4. J. M. Greenwood: William Torrey Harris—educator, philosopher, and scholar, p. 39-53. 5. T. M. Johnson: Dr. William T. Harris, p. 53-54. 6. J. D. Willif: Report on the enforcement of the compulsory attendance law, p. 54-58. 7. H. A. Gass: The country school—a vision of the future, p. 58-63. 8. H. L. Albert: The teacher and the public health, p. 63-71. 9. W. J. Hawkins: Readjustments in our school system, p. 72-79. 10. W. O. Allen: The function of the college in the training of teachers, p. 80-85. 11. L. B. Sipple: Qualifications of an eighth grade pupil, p. 87-93. 12. M. V. Bashore: The compulsory attendance law, its uses and abuses; what amendments should be made in it, and how to get them, p. 94-95. 13. B. Fox: How may we shorten the course of study for our rural schools? p. 95-98. 14. T. R. Lockett: The age of teachers, p. 98-100. 15. W. Colley: Should certificates be renewed when teachers fail to attend association and other teachers' meetings? p. 100-2. 16. H. E. Braschler: The rural school teacher, preparation and certification. Present conditions, p. 104-5. 17. C. H. McClure: Preparation and certification of teachers, p. 106-15. 18. J. D. Elliff: The rural school problem, p. 115-17. 19. G. H. Wapps: Demand for agriculture in the high school, p. 117-19. 20. L. E. Brous: Agriculture in the high school. Demand for such a course, p. 119-21. 21. H. A. Phillips: Contents of a course of study in agriculture for the high school, p. 121-24. 22. L. Ellis: What the elementary school should accomplish in reading and literature, p. 126-29. 23. Elizabeth Bragg: What should we accomplish in language and grammar in the elementary grades? p. 129-31. 24. A. E. Martin: What the elementary schools should accomplish in arithmetic, p. 131-33. 25. J. L. Merlam: Play as a motive for school work, p. 134-42. 26. W. L. Baylett: The summer play school, p. 142-47. 27. M. Burrows: Commercial education in the high school, p. 147-51. 28. Ellen R. Atwater: What topics in ancient and medieval history need special emphasis to prepare the pupil for the modern period? p. 153-58. 29. Grace Graves: Geographic influence in American history, p. 158-61. 30. S. A. Baker: The future citizen and civics instructions in the high schools, p. 163-65. 31. J. F. Garber: The use of the green house in botany laboratory work, p. 166-69. 32. B. M. Stigall: The status of nature study in our system of education, p. 169-73. 33. A. S. Langsdorf: Some tendencies in engineering education, p. 173-77. 34. O. E. Winebrenner: Chemistry, of what use is it? p. 187-89. 35. Lindley Pyle: The use of the graph and graphical methods in the teaching of physics, p. 190-91. 36. M. J. Patterson: Arithmetic in the grades, p. 192-98. 37. W. A. Luby: Comparison of arithmetic with algebra and geometry, p. 198-204. 38. B. Cosby: Some problems in arithmetic, p. 204-9. 39. R. A. Wells: The use of equation in elementary arithmetic, p. 209-13. 40. H. F. Pratt: The teaching of commercial arithmetic in the high school, p. 213-19. 41. G. Melcher: The value of the history of arithmetic, p. 219-27. 42. D. E. Riggs: Psychology of music, p. 228-33. 43. Lena M. Spoor: The true mission of public school music, p. 233-35. 44. Teresa Finn: The correlation of public school music with the after study of music, p. 236-37. 45. W. L. Eastwood: The place of the vocational school in a rational scheme of education, p. 238-40. 46. Alberta G. Murphy: School room decoration, p. 240-44. 47. Stella C. Harris: Some problems of the present in industrial work, p. 244-47. 48. W. H. Funk: Manual training in the grades, p. 247-49. 49. J. B. Game: Training and equipment of the high school teacher of Latin, p. 250-54. 50. Laura Yeater: The race problem in Caesar, p. 254-59. 51. M. M. Hart: The acquisition of power in classics, p. 259-65. 52. Eva Johnston: Introduction of the Menechmit of Plautus, p. 265-67. 53. F. H. Barbee: Direction of outside reading in English, p. 274-79. 54. L. W. Ryder: The elementary school course in English, p. 280-88. 55. W. Haussler: What modern German literature is adapted for secondary schools? 1. For thorough classroom reading. 2. For collateral and rapid reading courses, p. 288-93. 56. J. H. Beckman: How can this society best perform its mission toward improving the instruction in German in Missouri? p. 293-97. 57. G. Douay: The preparation of students in French for entrance to college, p. 297-302. 58. J. A. Vaeth: The teaching of French, p. 302-7. 59. Julia Krug: Short cuts to a knowledge of the best books for children, p. 309-13. 60. Laura Doolittle: The use of the library in teaching history in the elementary school, p. 313-15.

145. **New Jersey state teachers' association.** Annual report and proceedings of the 55th annual meeting, held in the public high school, Atlantic City, N. J., December 28, 29, and 30, 1909. [Trenton, N. J., Beers & Frey, 1910] 246 p. 8°. (Charles B. Boyer, secretary, Atlantic City, N. J.)

Contains: 1. C. J. Baxter: Industrial education, p. 18-20. 2. E. R. Johnstone: "What shall we do with the backward child?" p. 21-24. 3. J. M. Green: Our educational system, its cost and its return, p. 25-31. 4. Woodrow Wilson: "The state and the citizen's relation to it," p. 32-42. 5. Mrs. W. I. Thomas: The juvenile delinquent and the schools, p. 43-51. 6. L. S. Davis: The trend of the teens, p. 52-59. 7. J. F. Fort: New Jersey and its schools, p. 60-68. 8. E. A. Alder-

man: The educational achievement of a generation, p. 69-80. 9. J. W. Carr: Character development through the agency of the public schools, p. 81-89. 10. Naomi Norneworthy: Teaching children to study (an abstract), p. 98-101. 11. F. A. Parsons: The call of the arts and crafts and our response (an abstract), p. 102-4. 12. President's address, p. 217-41.

146. **New York (State) Associated academic principals.** Proceedings of the twenty-fourth annual meeting, at Syracuse, N. Y., December 28-30, 1908. Albany, University of the State of New York, 1909. 114 p. 8°. (Education department bulletin, no. 458) (E. P. Smith, secretary, 1911, North Tonawanda, N. Y.)

Contains: 1. F. E. Wade: Probation as a means of overcoming truancy, p. 7-17. 2. E. L. Stevens: How shall local industries be recruited? p. 19-32. Discussion, p. 32-38. 3. G. P. Bristol: Foreign languages in the high school, p. 39-46. Discussion, p. 46-52. 4. A. R. Brubacher: The high school principal, p. 52-59. 5. C. F. Wheelock: Educational developments under the syllabus of 1905, p. 60-68. 6. W. H. Crawshaw: Poetry and social progress, p. 69-82. 7. S. S. Travis: High school fraternities, p. 83-91. Discussion, p. 91-95. 8. E. L. Mead, chairman: Report of committee on athletics, p. 96-98. 9. C. L. Mosher, chairman: Report of committee on present courses of study, p. 98-100.

147. **New York state association of school commissioners and superintendents.** Proceedings of the fifth-fourth annual meeting, at Rochester, N. Y., November 22-24, 1909. Albany, University of the state of New York, 1910. 72 p. 8°. (Education department bulletin, no. 472) (Jane Haring, secretary, 1910-11)

Contains: 1. T. D. Wood: Rural school sanitation, p. 6-13. 2. D. D. T. Marshall: What constitutes efficient supervision? p. 14-17. 3. W. T. Clark: Report of committee on rural school problems, p. 19-20. Discussion, p. 20-29. 4. F. M. Godfrey: Agriculture and nature study, p. 32-35, 36. 5. J. V. Sturges: The library, p. 37-47. 6. J. S. Cooley, M. B. Mann: Some phases of school sanitation, p. 56-60, 60-65.

148. **New York state science teachers' association.** Proceedings of the thirteenth annual meeting, held at Syracuse university, Syracuse, N. Y., December 29-30, 1908. Albany, University of the State of New York, 1909. 136 p. 8°. (Education department bulletin, no. 459) (L. I. Hawkins, president, 1911, Cortland, N. Y.)

Contains: 1. O. F. Warren: High school agriculture, p. 21-28. 2. L. S. Hawkins, Augustus Klock: Science for elementary schools, p. 30-34, 34-38. 3. H. A. Carpenter: Ionization theory, p. 42-51. 4. W. G. Levison: A method and apparatus for detecting and exhibiting the fluorescence of fluorescent substances, p. 52-54. 5. I. D. Scott: A demonstration of a map and modeling apparatus, p. 60-61. 6. R. L. Fernbach: The chemist versus the trained workman, p. 65-70. 7. Charles Forbes: Demonstration of physical apparatus, p. 71-76. 8. William Timbre: Some practical physics apparatus, p. 77-88. 9. B. O. Burgin: Demonstration of dynamo and motor, p. 90-92. 10. S. B. Everts: Main cross section drawings on cardboard for school use, p. 95-99. 11. A. G. Clements: Why are the ideals of biology teaching not realized? p. 100-3. 12. C. G. Rogers: The present and future of physiology in the high school, p. 104-14. 13. H. M. Smith: Recent progress in artificial illumination, p. 115-30.

149. **New York state teachers' association.** Proceedings of the sixty-third annual meeting, held at Syracuse, N. Y., December 28-30, 1908. Albany, University of the State of New York, 1909. 414 p. 8°. (Education department bulletin, no. 457) (Richard A. Searing, secretary, North Tonawanda, N. Y.)

Contains: 1. S. S. Wise: Teacher and child, p. 7-19. 2. J. P. O'Hern, president: The teacher of English, p. 38-62. 3. Matilda T. Karnes: The dramatic instinct as aid in composition writing, p. 63-64. 4. F. T. Scott: The preparatory fallacy, p. 66-74. 5. C. E. Jones: Proposed changes in the syllabus, p. 75-79. 6. E. D. Holmes, chairman: Report of the committee on the work of teachers of English in high schools, p. 80-82. 7. Margaret K. Smith: The psychological aspect of training backward children, p. 83-94. 8. E. R. Johnstone: The social side of the question of special class children, p. 95-98. 9. Sophie C. Becker: The training of defective children from a principal's standpoint, p. 99-114. 10. A. W. Edson: Training of backward children, p. 114-15. 11. Grace L. Cook: The training of teachers in Great Britain, p. 117-23. 12. F. J. Cheney: Our normal schools, p. 124-35. 13. David Gibbs: The normal training school, p. 136-40. 14. Harriet E. Stevens: Primary reading, p. 147-53. 15. Edith M. Tufts: The place and value of the rhyme in beginning

reading: how should the various methods be coordinated? p. 184-86. 16. F. H. Collins: Essentials of instruction in drawing for elementary schools, p. 168-74. 17. R. K. Pies: Perspective: the grammar of pictorial drawing, p. 175-77. 18. A. D. Dean: The relation of the manual arts in elementary and secondary schools to the movement for industrial education, p. 178-82. 19. Schuyler Bull: Lettering, p. 183-84. 20. Bonnie E. Snow: Round table discussion on art and drawing instruction in the primary grades, p. 185-87. 21. F. E. Welles: An inductive method of teaching Caesar, p. 191-95. 22. J. P. Behm: Caesar through the eyes of Cicero, p. 197-203. 23. J. R. Fairbairn: Greek in the high school, p. 207-11. Discussion, p. 211-12. 24. J. I. Bennett: Greek in the colleges, p. 213-16. Discussion, p. 215-17. 25. C. C. Macgregory: The place of drawing and the mechanic arts in a commercial course, p. 219-27. 26. A. J. Scarborough: Business correspondence—getting results, p. 229-33. 27. G. M. Forbes: The general problem of extending the educational system to prepare for industrial pursuits, p. 240-41. Discussion, p. 241-43. 28. W. Noyes: The definite contribution which manual arts and drawing may make toward industrial efficiency, p. 244-46. Discussion, p. 247-51. 29. J. E. Sweet: Trade schools: their place in the public school system, p. 252-64. Discussion, p. 254-56. 30. Sherman Williams: With what purpose in view should history be taught? p. 257-62. 31. S. D. Arms: In the teaching of civics, on what phase or phases of it should the chief emphasis be laid? p. 263-66. 32. P. S. Maguire: What should be the course in history for graduation from high schools? What history ought to be demanded by colleges in their requirements for admission? p. 267-73. 33. E. W. Ames: Purpose of an examination in history, p. 274-77. 34. Nature study discussion, p. 278-79. 35. H. N. Parsons: Library books best adapted for pupils of the various grades, p. 284-91. 36. J. E. Banta: Use of the dictionary in the grades, p. 292-93. 37. W. C. Kruse: The reading of library books, p. 294-95. 38. C. W. Blessing: What changes or omissions should be made in the library books or in the selections for memorizing given for the various grades in the New York State syllabus? p. 296-303. Discussion, p. 303-6. 39. A. W. Edson: Group teaching in elementary grades, p. 307-11. 40. A. C. Thompson: Ways and means of emphasizing vital points in the essential subjects in elementary schools, p. 312-16. Discussion, p. 316-18. 41. Georgia Alexander: How may instruction in spelling be made more effective? p. 319-28. 42. H. P. Emerson: English schools, p. 329-35. 43. C. E. White: My visit to English schools, p. 336-43. 44. L. F. Hanmer: The relation of athletics to the school, p. 344-51. 45. F. H. Dimick: Elementary schools athletic league, p. 352-56. 46. E. J. Ward: The conduct and benefits of playgrounds, p. 357-62. 47. Jessie H. Bancroft: The place of games and folk dances in the school curriculum, p. 363-68. 48. What changes are desirable in the New York State elementary syllabus? Discussion, p. 368-69.

150. **New York (State) University. University convocation.** Proceedings of the forty-seventh annual convocation, October 28-30, 1909. Albany, University of the state of New York, 1909. 126 p. 8°. (Education department. Bulletin no. 460)

Contains: 1. LeB. R. Briggs: The American college and the American university, p. 10-26. 2. W. D. Johnston: The library as a reinforcement of the school, p. 27-32. Discussion by Ida M. Mendenhall and Mary E. Hall, p. 33-42. 3. J. M. Green: Teaching as an occupation for men, influences adverse and favorable, p. 43-51. 4. A. S. Draper: The relative educational standing of New York state, p. 59-74. 5. J. M. Thomas: Moral instruction in high schools and colleges, p. 75-85. 6. Rush Rhees: Applied science and liberal culture, p. 86-94. 7. Julius Sachs: Improved standards in teaching Latin, p. 95-106. 8. R. C. S. Drummond: The organization and direction of athletic sports in secondary schools, p. 114-23.

151. **North Carolina association of city public school superintendents and principals.** Proceedings and addresses of the twenty-fifth annual session, Durham, N. C., January 27-29, 1910. Raleigh, N. C., Edwards & Broughton printing company, 1910. 95 p. 8°. (A. T. Allen, secretary, 1911, Salisbury, N. C.)

Contains: 1. W. R. Mills: School reports and school efficiency, p. 8-13. 2. W. D. Carmichael: Report of the Committee on economy in the course of study, p. 18-48. 3. J. A. Bivins: How to make the teachers' meeting more effective, p. 52-61. 4. R. J. Tighe: Teaching children how to study, p. 62-73. 5. E. C. Brooks: A comparison of school systems, p. 74-94.

152. **North Carolina teachers' assembly.** Proceedings and addresses of the twenty-fifth annual session, held at Charlotte, N. C., June 16-19, 1908. Raleigh, N. C., Presses of Edwards & Broughton printing co., 1909. 343 p. 8°.

Contains: 1. P. P. Claxton: The school and the state, p. 58-65. 2. S. A. Knapp: What can the teacher do for the improvement of rural conditions? p. 110-30. 3. O. T. Corson: The superintendent and the board of education, p. 229-35. 4. C. L. Coon: Science in the schools, p. 246-54. 5. Mrs. C. D. Molver: History of the women's association for the betterment of public schoolhouses and grounds in North Carolina, p. 318-26.

153. **North Carolina teachers' assembly.** Proceedings and addresses of the twenty-sixth annual session, Morehead City, N. C., June 15-18, 1909. Raleigh, Presses of Edwards & Broughton printing company, 1909. 233 p. 8". (R. D. W. Connor, secretary-treasurer)

Contains: 1. D. H. Hill: Opening address, p. 14-21. 2. T. R. Foust: President's annual address, p. 21-30. 3. E. K. Graham: The teacher and modern democracy, p. 30-43. 4. Mrs. C. D. Melver: The woman's association for the betterment of public schoolhouses and grounds, p. 43-48. 5. W. P. Few: Constructive educational leadership, p. 49-59. 6. C. L. Coon: Report of assembly committee on the history of education for 1908-1909, p. 60-75. 7. F. P. Holgool: Report of committee on professional ethics, p. 76-83. 8. R. J. Tighe: Report of committee on teachers' salaries, p. 84-102. 9. J. Y. Joyner: Report of committee on course of study, p. 102-3. 10. Ellen H. Richards: How may the school influence the home? p. 103-11. 11. J. H. Highsmith: Directions and suggestions for child study, p. 112-19. 12. Anne Wetmore: Directions and suggestions for child study, p. 119-32. 13. Mary O. Graham: Child study as an aid in discipline, p. 132-42. 14. Mrs. I. T. Turlington: Child study as an aid in discipline, p. 142-54. 15. Mary K. Applewhite: Child study as an aid in instruction, p. 154-58. 16. Mrs. A. C. Jacobsen: Child study as an aid to instruction, p. 158-71. 17. W. A. Graham: Science in the grammar school, p. 172-78. 18. Z. V. Judd: Science in the rural elementary school, p. 178-89. 19. H. L. Smith: Science in the high schools, p. 189-95. 20. A. C. Reynolds: The teachers' meeting, p. 196-202. 21. J. A. Bivins: The teachers' institute, p. 202-14. 22. M. C. B. Noble: The teachers' institute, p. 214-17. 23. E. C. Brooks: Home study for teachers, p. 217-24.

154. **North Dakota educational association.** Proceedings of the twenty-second annual session, held at Valley City, December 30 and 31, 1908, and January 1, 1909. Bismarck, N. D., Tribune, state printers and binders, 1909. 367 p. 8".

Contains: 1. J. M. Gillette: Education for social efficiency, p. 57-63. 2. F. M. Sherarts: High school constants and college entrance requirements, p. 81-88. 3. H. S. Buffum: Concept of vocational education and methods of realization, p. 105-10. 4. C. C. Gray: Our attitude toward vocational training in the high school, p. 162-78. 5. E. M. Sherry: The desirability of instruction in the elements of agriculture in schools for rural communities, p. 228-39. 6. C. M. Beiter: How can high school algebra be made attractive to pupils, p. 261-62.

155. ———. **Proceedings of the twenty-third annual session, held at Minot, December 28 to 31, 1909.** Bismarck, N. D., Tribune, state printers and binders, 1910. 375 p. 8". (C. R. Travis, secretary, Mayville, N. D.)

Contains: 1. A. P. Hollis, president: Address, p. 33-37. 2. W. L. Stockwell: The educational outlook in North Dakota, p. 38-42. 3. F. L. McVey: Recent educational tendencies, p. 43-47. 4. Report of committee of seven on adjustment of educational work in North Dakota with reference to the needs of the times, p. 48-105; L. G. Watson, G. F. Forster: Discussion of report of committee of seven, p. 105-7, 108-11. 5. Charlton Andrews: The influence of a higher institution of learning on the town in which it is located, p. 111-14. 6. M. A. Brannon: The influence of higher institutions of learning on a group of towns, p. 115-19. 7. A. D. Weeks: Ways in which the higher institutions may serve rural communities, p. 124-23. 8. W. M. Kern: How the school may influence industrial life, p. 123-28. 9. E. M. Sherry: Extension of school into life; the teacher's special preparation for this, p. 128-30. 10. Minnie J. Nelson: Extending "life" into the rural schools, p. 131-34. 11. G. A. McFarland: Means of extending the influence of higher educational instruction into life, p. 134-42. 12. Wallace Stearns: The lecture as a means of extending the influence of the higher educational institutions into life, p. 143-44. 13. J. H. Shepherd: Farmers' and teachers' institutes, p. 145-47. 14. G. F. Ruediger: Bulletins and school publications, p. 148-50. 15. J. M. Gillette: Extension of the influence of the higher institutions of learning by correspondence, p. 151-55. 16. C. C. Cregan: Means of extending the influence of the higher educational institutions into life for the improvement of citizenship, p. 156-61. 17. Joseph Kennedy: The means of extending the influence of the higher educational institutions for the improvement of the rural school, p. 162-67. 18. E. R. Edwards: Some current problems of secondary education, p. 173-77. 19. Nelson Sauvain: Value of elementary and secondary education compared with present cost, p. 177-81. 20. P. T. McNally: The Mandan plan of classification, p. 182-84. 21. L. P. Linn: The province of the high school in the preparation for life, p. 185-89. 22. P. A. McMillan: Are our schools meeting the real needs of the young people of North Dakota, p. 190-96. 23. F. Thordardson: The tobacco habit among pupils: Is there a remedy? p. 197-201. 24. P. S. Berg: The relative value of high school studies—how shall they be determined? p. 202-11. 25. Dorothy M. Poppy: Proper relation of high school teachers toward high school social functions, p. 212-15. 26. H. L. Rockwood: The high school and physical education, p. 216-19. 27. B. A. Dunbar: Our athletic league—can it be made more practicable? p. 220-24. 28. H. A. Curran: How to judge text books in history and English, p. 225-28. 29. B. A. Wallace: Five problems of the teacher in teaching, p. 229-33. 30. Eula F. Miller: Construction and seat work, p. 238-40. 31. C. C. Gray: The teaching of geography

not all text-book work, p. 341-51. 32. F. R. Barnes: How to correct the present defects in the rural school, p. 259-66. 33. Dalton McDonald: How to create the proper school spirit among the patrons of rural schools, p. 267-70. 34. B. O. Skrivsöth: The need of special training for rural school teachers, p. 271-74. 35. B. A. Wallace: The course of study for rural schools, p. 275-81. 36. F. M. Wanner: Better supervision of the rural schools—in what does proper supervision consist, p. 282-83. 37. E. C. Hilborn: Improvement of school grounds, p. 286-91. 38. H. L. Botley: Observation and teaching, p. 290-303. 39. M. N. Pope: The correlation of the physical geography with the political and commercial phases of the subject, p. 304-7. 40. G. F. Forster: The teaching of agriculture, p. 308-11. 41. G. R. Davies: School mathematics applied to the environment of the pupil, p. 312-19. 42. J. S. French: How may we give sciences their true cultural value in the class room, p. 320-22. 43. M. A. Brammon: What botany should be taught in the first year of plant study, p. 323-26. 44. H. L. Rookwood: Our prospects, p. 330-32. 45. H. C. Fish: High school museums and what can be done with them, p. 333-36. 46. Miss L. H. Bruhn: History—how to make it interesting to those who do not like it, p. 337-40. 47. Lillian G. Hall: How the teaching of history, civics, and social science may be made more efficient in the rural schools, p. 341-42. 48. Phoebe L. Minsart: How the teaching of history, civics, and social science can be made more efficient in the grades, p. 343-46. 49. W. A. Godward: History and civics in the high school, p. 347-49. 50. R. M. Black: How can we make the teaching of history, civics, and the social sciences more efficient in the teachers' training school, p. 350-53. 51. W. N. Stearns: On the teaching of history in the university, p. 354-56. 52. W. B. Thomas: Summary and plans for cooperation in history, p. 357-63. 53. Fanny C. Amidon: How to teach music in the high school, p. 368-70. 54. Clara B. Aldahl: How to interest boys in music throughout the eighth grade and high school, p. 371-73.

156. Ohio college association. See 800.

157. Ohio state teachers' association. [Proceedings of the] sixtieth annual session, June 29-July 1, 1909. Ohio educational monthly, 58: 331-403, July, 1909.

Contains: 1. J. A. Shawan, president: The educational outlook, p. 331-36. 2. J. M. H. Fredrich: Appropriate education with reference to sex during the adolescent period, p. 336-37. Discussion, p. 337-42. 3. C. B. Galfbreath: The library movement in Ohio, p. 343-48. 4. W. H. Elson: The measurement of efficiency and progress in school work, p. 348-52. 5. Dan Milliken: The gifted simpaton, p. 352-61. 6. F. B. Dyer: Intelligent cooperation between home and school, p. 361-68. 7. H. V. Hotchkiss: The ethics of the teacher, p. 370-83. 8. Josiah Strong: The times in which we live, p. 383-87. 9. E. A. Jones: Remarks as retiring commissioner, p. 387-89. 10. J. W. Zeller: The needs of our public schools, p. 389-93. 11. Herbert Welch: The socialization of the school, p. 393-97.

158. ——— [Proceedings of the] sixty-first annual session, June 28-30, 1910. Ohio educational monthly, 59: [309]-398, July 1910.

Contains: 1. F. B. Dyer, president: Address, Teaching as a profession, p. 309-17. 2. E. A. Jones: A state-wide pension system, p. 317-24. 3. E. F. Moulton: Report of the legislative committee, p. 324-27. 4. H. C. Muckley: The physical care of school children, p. 327-33. 5. N. D. O. Wilson: Discussion, p. 333-35. 6. J. D. Simkins: Compulsory school laws, p. 335-41. 7. W. T. Magruder: The possibilities of industrial education, p. 341-48. 8. E. A. Hotchkiss: The problem of industrial education in small cities, p. 348-53. 9. J. W. Zeller: The problem of industrial education in the rural schools, p. 353-57. 10. C. C. Dietrich: Discussion, p. 357-60. 11. W. O. Thompson: Memorial address, p. 371-76. 12. J. W. McMillen: Confessions of a superintendent, p. 376-81. 13. F. B. Pearson: Confessions of a secondary teacher, p. 381-83. 14. Lillie A. Farts: Confessions of an elementary teacher, p. 383-88. Discussion, p. 386-93.

159. Pennsylvania state educational association. Proceedings of the fifty-third annual convention, held in Bethlehem, June 29 and 30 and July 1, 1909. Reprinted from the Pennsylvania school journal. 58 p. 8°. (J. P. McCaskey, secretary, Lancaster, Pa.)

Contains: 1. C. S. Foss: Pressing problems of state organization, p. 5-13. 2. W. H. P. Faunce: Pressing problems in education, p. 14-17. 3. J. C. Wagner, T. S. March, A. L. Jones, Joseph Howerth: Pressing problems in the borough schools, p. 18-20; 20-21, 21-23, 23-24. 4. J. P. McCaskey: The ever-present problem is the building of character, p. 24-26. 5. J. G. Becht, E. L. Kemp, A. T. Smith, A. C. Rothamel: Pressing problems in the normal schools, p. 26-28, 28-30, 30-31. 6. E. D. Warfield, J. A. W. Hass, G. L. Omwake: Pressing problems in the colleges, p. 32, 32-33, 33. 7. S. S. Wise: Teacher and child, p. 33-35. 8. H. S. Putnam, T. S. Davis, W. W. Evans, and others: Pressing problems in rural schools, p. 39-42. 9. H. C. Minsart, J. J. Palmer, G. E. Reed: Pressing problems in the city schools, p. 42-45, 45-47, 47.

96105°—11—3

- 159a. **Pennsylvania state educational association.** Department conferences at Bethlehem . . . June 29 and 30 and July 1, 1909. Reprinted from the Pennsylvania school journal. 53 p. 8°.

Contains: 1. W. C. McClellan, F. L. Homer, G. W. Gerwig: High school course in English in relation to entrance requirements and best interests of student, p. 1-4, 6-8, 8-9. 2. W. B. Owen, I. C. M. Ellenberger, T. L. Brooks: High school training and its bearing upon civic integrity, p. 9-11, 11-12, 12-13. 3. W. S. Franklin: Work and play in education, p. 13-23. 4. G. M. Jones: Eyes that see not, p. 23-26. 5. Alice N. Parker: Pressing problems in the kindergarten, p. 27-30. 6. Henry Pease: The needs of the kindergarten, p. 30-31. 7. O. H. Bakeless: Economic worth of child study, p. 31-37. 8. J. L. Eisenberg, Percy Hughes: Pedagogical significance of instincts of the child, p. 37-39, 39-40. 9. Zettan Gordon: The special school for defective children, p. 40-43. 10. C. E. Karlson, B. M. Le Sueur: Pressing problems in manual training, p. 44-45, 45-46. 11. C. A. Herrick, R. L. Johnson: Present condition of manual training and trade education, p. 46, 47-49. 12. F. E. Pray: Present status of industrial education, p. 49-51. 13. Iris Prouty: The present status of manual training and industrial education, p. 51-52. 14. W. L. Sayre: Manual training means mental training, p. 52-53.

- 159b. ——— **City and borough superintendents' department.** Proceedings of nineteenth annual session, Harrisburg, February 6, 7, and 8, 1909. Reprinted from the Pennsylvania school journal. 42 p. 8°.

Contains: 1. F. W. Robins, president: Address—Revision of elementary course of study, p. 1-4. 2. T. S. March: Revision of course of study, p. 4-6. 3. A. D. Vocum: State uniformity with elasticity in courses of study, p. 7-12. 4. Alvin Davison: Medical inspection of schools, p. 13-17. 5. H. J. Wightman: Improvement of the teaching force by salary schedules, p. 19-21. 6. W. A. Wilson: The improvement of the teacher by other means, p. 20-24. 7. R. L. Burns: Schools as community centers, p. 32-34. 8. J. L. Stewart: Development of the social conscience, p. 37-38. Discussions follow each topic.

- 159c. ——— **Proceedings of twentieth annual session, Harrisburg, February 8 and 9, 1910.** Pennsylvania school journal, 58: 471-524, May 1910.

Contains: 1. Grant Norris, president, and C. J. Scott: Educational trends, p. 471-73, 475-78. 2. L. P. Ayres: Relation of physical defects to school progress, p. 478-80. 3. J. W. Anthony, C. F. Heban: Compulsory education in Pennsylvania, p. 481-83, 489. 4. M. E. Bennett: How to create writing ability, p. 490-91. 5. L. P. Ayres: Retardation: its significance and cure, p. 492-94. 6. L. H. Gulick: How to apply what we know about health, p. 495-500. 7. Samuel Hamilton: A plea for industrial education, p. 500-10. 8. H. C. Minsmer, J. M. Coughlin: Industrial education, p. 510, 510-11. 9. L. H. Gulick: How the backward child is putting education among the sciences, p. 512-17. 10. O. P. Cornman: Backward children investigation in Philadelphia public schools, p. 518-21.

- 159d. ——— **County superintendents' department.** Proceedings of sixth annual session, Harrisburg, February 3 and 4, 1909. Reprinted from the Pennsylvania school journal. 40 p. 8°.

Contains: 1. G. A. Grim: The school board—five or more members—when take office—how selected? p. 1-2. 2. J. H. Hoffman: A revision of the school curriculum. What eliminate for thoroughness?—What add to make more practical? p. 2-4. 3. G. M. Phillips: The new school code (questions and answers), p. 5-6. 4. J. H. Landis: How the school can best aid the home in its functions, p. 6-9. 5. E. M. Rapp: Vocational possibilities in country schools, p. 10-15. 6. Earl Barnes: Character building, p. 15-20. 7. G. B. Milnor: More effective school supervision, p. 20-23. 8. B. A. Boyle: How to make superintendents' visits most helpful? p. 23-26. 9. H. M. Roth: What a superintendent may do with added power and time, p. 26-27. Discussion, p. 27-30. 10. W. W. Evans: An elastic uniform course of study, p. 30-32. 11. N. C. Schaeffer: The new school code, p. 34-37. 12. Samuel Hamilton: Undue haste in education, p. 37-40.

- 159e. ——— **Proceedings of seventh annual session, Harrisburg, February 8 and 9, 1910.** Pennsylvania school journal, 58: 425-52, April 1910.

Contains: 1. I. H. Russell: How to improve certification of teachers, p. 425-28. 2. L. E. Smith: What change or improvement can be made in salary, p. 428-29. Discussion, p. 430-34. 3. J. W. Sweeney: Preparation for supervision, p. 434-37. 4. R. C. Shaw: Closer supervision, p. 437-40. 5. D. A. Kline: Medical inspection, p. 441-43. 6. J. E. Green: Waste in our schools, p. 443-47. 7. N. C. Schaeffer: Our problems, p. 449-50. 8. M. G. Brumbaugh: Philanthropy and public education, p. 450-52.

159. **Pennsylvania state educational association. Directors' department.** Proceedings of fourteenth annual session, Harrisburg, February 4 and 5, 1909. Reprinted from the Pennsylvania school journal. 30 p. 8°.

Contains: 1. E. T. Ferguson: Closer supervision of rural schools, p. 3-5. 2. H. B. Eastburn: The school code on closer supervision, p. 5-7. 3. H. W. Schick, president: Address, p. 7-9. 4. M. P. Wilson: Commercial museum collections, p. 9-10. 5. N. C. Schaeffer: Retardation in the grades and the new code, p. 10-13. 6. J. L. King: How a director may make the schools more efficient, p. 13-15. 7. H. M. Lemig, chairman: Report of the legislative committee, p. 17-18. Discussion, p. 18-21. 8. Samuel Hamilton: Individual efficiency, p. 21-24. 9. W. L. Phillips: A modern school, p. 24-28. 10. J. B. Small: Grounding in the fundamentals, p. 28.

159. ———— Proceedings of fifteenth annual session, Harrisburg, February 10 and 11, 1910. Pennsylvania school journal, 58: 379-415, March 1910.

Contains: 1. A. J. Simons: Condition of our rural schools, p. 380-83. 2. H. T. Hauer: Building the school house, p. 383-88. 3. J. A. Steese, R. R. Murphy: What the director may try to do for the schools, p. 388-89, 389-93. 4. N. C. Schaeffer: Failure of directors to maintain proper schools, p. 393-94. 5. W. F. Etherie: Manual training, p. 394-98. 6. J. D. Walker: A few changes in city schools, p. 398-99. 7. M. G. Brumbaugh: Problems of origin, destiny and duty, p. 402-3. 8. Samuel Hamilton: Hills, p. 404-9. 9. R. B. Tietrick: The conservation of real wealth, p. 410-13.

159. ———— **High school department.** Proceedings of fourth annual session, Harrisburg, Pa., December 28, 29 and 30, 1908. Reprinted from the Pennsylvania school journal. 40 p. 8°.

Contains: 1. W. S. Steele: Secret fraternities in high schools, p. 1-3. 2. G. D. Robb: Special classes for backward pupils, p. 3. 3. P. M. Bullard: Preventing loss of first-year pupils, p. 3-4. 4. J. W. Moyer: How we manage our athletics, p. 4-5. 5. J. W. Moyer: The northeast forestry club, p. 5. 6. A. E. Kraybill: Home study of high school pupils, p. 5-6. 7. J. E. Wagner: Special work in agriculture in the high school, p. 6-10. 8. Irene E. McDermott: Household economy in the high school, p. 10-12. 9. W. S. Hertzog, C. D. Koch: Special work in the general high school, p. 12-13. 10. A. D. Yocum: Training of high school teachers: a plea for colleges of education, p. 13-17. 11. O. H. Bakeless: The preparation and improvement of the high school teacher, p. 18-21. 12. L. E. McGlinnes: Competent high school teachers, p. 21-23. 13. C. F. Hodge: Civic biology: a high school science devoted to community welfare and the national life, p. 24-30. 14. T. J. George: What are the reasonable requirements for admission to the high school? How shall these be enforced? p. 30-32. 15. F. E. Downes: What are the reasonable requirements? p. 32-34. 16. E. W. Little: The constants that all the colleges may reasonably exact for admission: how to be agreed upon and how enforced, p. 34-36. Discussion, p. 36-37. 17. E. W. Little, chairman: Report of the special committee of the National education association on the six year course of study, p. 38-39.

159. ———— Proceedings of fifth annual session, Harrisburg, Pa., December 28, 29 and 30, 1909. Pennsylvania school journal, 58: 333-73, February 1910.

Contains: 1. J. L. Eisenberg, R. P. Gleason: How can the high school serve and reach the entire public? p. 333-35, 335-36. 2. Sarah M. Gallaher, S. E. Downs: Proper adjustment of history courses in high schools so as to articulate closely with the elementary school and meet college requirements, p. 336-38, 338-39. 3. H. B. Davis, F. W. Wright: Legitimate scope of the small high school in relation to the normal school, p. 339-40, 340-42. 4. J. T. Morris, D. H. Robbins: Needed changes in the teaching of mathematics in the high school, to meet the demands of the industrial school, p. 342-43, 343-45. 5. Jane Mathews: Work on high school mathematics to be done by the International commission on the teaching of mathematics, p. 345-47. Discussion, p. 347-49. 6. Edwin Lee, J. B. Geissinger: Legitimate scope of the small high school in relation to preparation for college, p. 349-53, 354-56. 7. E. E. Sparks: Shifting ideals and how to meet them, p. 358-64. 8. E. M. Phillips: What state inspection has done and is doing for the schools of Minnesota, p. 364-70. 9. David Snedden: Practical results of the professional training of secondary school teachers in certain American states, p. 370-72.

160. **Public education association of Worcester, Massachusetts.** Fourth annual report, May 1909. 51 p. 8°. (Mrs. Joseph H. Robinson, secretary, 106 Pleasant street, Worcester, Mass.)

Contains: 1. W. H. Burnham: A modern system of school administration, p. 13-21. 2. Mary E. Barrell: Physical education, p. 32-34. 3. L. C. Miller: Medical inspection, p. 34-39.

161. **Schoolmasters' association of New York and vicinity.** Sixteenth annual report, 1908-1909. [New York, Vanden Houten company, 1909] 76 p. 8°.
- Contains: 1. J. H. Denbigh: Some problems of the secondary school, p. 7-17 (Discussion, p. 17-20). 2. J. G. Croswell: Studying for the market, p. 21-27. 3. Julius Sachs: Recent impressions of modern language teaching in Germany, p. 28-30 (Discussion, p. 30-42). 4. C. D. Larkins: Some impressions of English schools, p. 43-47. 5. W. E. Chancellor: Some neglected factors in the social situation, p. 48-63. 6. N. M. Butler: General problem of college entrance or admission to college, p. 64-75.
- Seventeenth annual report, 1909-1910. [Cumberland, Md., The Eddy press corporation, 1910] 68 p. 8°. (Arthur M. Wolfson, secretary, New York city)
- Contains: 1. Wilson Farrand: Report of committee on conference with colleges, p. 6-7. 2. J. F. Woodhull: The significance of the new requirements in physics of the College entrance examination board, p. 8-16. 3. N. H. Black: The board's new definition in physics, p. 17-21. 4. G. H. Browne: The college examination in English as a test of power, and marking examination papers in English, p. 22-27. 5. Percival Chubb: College entrance requirements in English, p. 28-35. 6. D. V. Thompson: Two of the pupils' needs, p. 36-38. 7. F. S. Curtis: Teaching boys about matters of sex, p. 40-46. 8. R. C. Newton: Sexual purity, p. 47-54. 9. W. H. Eddy: Sex education in a public school, p. 55-63 (Discussion, p. 64-68).
162. **South Carolina state teachers' association.** The proceedings of the thirty-seventh annual meeting, held at Columbia, S. C., Dec. 30, 31, 1908 and Jan. 1, 1909. Abbeville, S. C., Press and banner print, 1909. 41 p. 8°. (E. C. McCants, secretary, 1910-11, Anderson, S. C.)
- Contains: 1. L. T. Baker, president: Address, The responsibility of the association to the public school system, p. 3-9. 2. W. H. Hand, chairman: Report of Committee on county associations, p. 9-11. 3. W. K. Tate, chairman: Report of Committee on status of the teaching profession in South Carolina, p. 11-19. 4. J. I. McCain: Simplified spelling, p. 20-24. 5. W. Burdell: Public schools and public health, p. 32-37.
163. **South Dakota educational association.** Proceedings of the twenty-seventh annual session held at Lead, November 1-2-3, 1909. Pierre, S. D., The Executive Committee [1909?] 202 p. 8°. (Nina M. Naah, secretary, Aberdeen, S. D.)
- Contains: 1. F. L. Cook: Waste in education, p. 27-34. 2. H. A. Ustrud: Annual address, p. 34-38. 3. Eugene Davenport: Industrial education in agricultural communities, p. 38-44. 4. C. G. Lawrence: Industrial education for the rural schools, p. 44-50. 5. T. B. Thompson: Industrial education in Germany, p. 51-65. 6. B. T. Washington: Address, p. 66-68. 7. G. G. Wenzlaff: The field and function of the normal school, p. 70-75. 8. Alexander Strachan: Some imperfectly recognized rights of the student, p. 75-79. 9. S. F. Kerfoot: Standards of efficiency in collegiate education, p. 79-91. 10. A. A. McDonald: Some things that enter into efficient secondary education, p. 92-96. 11. J. C. Blyman: The aim and spirit of high school science, p. 97-99. 12. N. C. Hirschby: Waste in secondary and collegiate education, p. 100-8. 13. J. E. Johnson: Present possibilities of the rural schools, p. 110-16. 14. Miss C. M. Voight: School attendance, plans and experience, p. 116-19. 15. M. M. Ramer: The new compulsory school law, p. 119-24. 16. W. A. Burk: Manual arts for the primary and grammar grades, p. 124-34. 17. E. C. Evans: The retarded pupil, causes and remedies, p. 135-39. 18. Cornelia Stormen: History in the lower grades, p. 139-47. 19. N. P. Lang: The essentials of arithmetic, p. 148-50. 20. Charlotte Bartleson: The ideal story, p. 152-56. 21. Jessie Beebe: The ideal story teller, p. 156-57. 22. Elin Youngstrom: Drawing in the primary grades, p. 158-61. 23. Miss M. E. Wright: What the kindergarten does for the primary teacher, p. 161-66. 24. Adella Beach: What kindergarten training does for the child, p. 167-72. 25. Lucia Watson: Best work for the country teacher, p. 173-77. 26. L. A. Fell: President's annual address, p. 192-96. 27. Eugene Davenport: Outline of four years work in high school agriculture, p. 197-202.
164. **Southern California teachers' association.** Committee on resolutions. Declaration of principles. Sierra-educational news and book review, 6: 42-46, January 1910.
165. **Tennessee public school officers' association.** Proceedings of the twenty-third annual session, Senate chamber, Nashville, January 11, 12, 13, 1910. Clarksville, Tenn., W. P. Titus, printer and binder, 1910. 129 p. 8°. (P. L. Harned, secretary, Clarksville, Tenn.)
- Contains: 1. W. S. Jones, president: Address, p. 25-32. 2. Virginia P. Moore: School improvement work, p. 33-37. 3. F. E. Stephens: School improvement associations, p. 48-54. 4. V. A.

Bright: What is our obligation as teachers, p. 42-44. 5. H. H. Clark: Corn clubs, p. 47-55. 6. S. G. Ollbreath: The course of study in the elementary schools, p. 57-62. 7. G. R. McGee: Normal course of study, p. 62-66. 8. E. H. Boyd: The function of the county superintendent, p. 67-69. 9. Ella Snodgrass: Libraries—how to raise local funds, p. 70-76. 10. A. E. Booth: How to use the library, p. 77-83.

166. Vermont state teachers' association. Report of the fifty-ninth annual convention, held in Rutland, October 15, 16 and 17, 1908. Rutland, Vt., The Tuttle co., printers [1909?] 121 p. 12°. (A. H. Harriman, secretary, 1909-10, Middlebury, Vt.)

Contains: 1. P. R. Leavenworth, president: Address, p. 17-28. 2. Gertrude Edmund: The moral training of the teacher, p. 29-39. 3. A. W. Edson: The modern school; its strength and weakness, p. 42-47. 4. Mary Tewksbury: Ancient history, p. 49-56. 5. Harriet Towne: Aims and methods of teaching mediaeval and modern history, p. 56-71. 6. G. S. Wright: Practical mathematics for grammar grades, p. 73-84. 7. Amy Drake: Mental arithmetic—aims and methods, p. 84-90. 8. J. F. Haney: The value of manual training in our public schools, p. 91-103. 9. Edith M. Willis: Scientific temperance instruction in the public schools, p. 103-6.

167. Virginia state teachers' association. Annual proceedings, 1908-1909. Announcements, Virginia educational conference Richmond, November 23-26. [Richmond? 1908?] 88 p. 8°. (Algar Woolfolk, secretary, Courtland, Southampton county, Va.)

Contains: 1. J. D. Eggleston, Jr.: The educational progress of the year, p. 28-34. 2. G. H. Lamar: Address, p. 35-40. 3. J. H. Saunders, president: Annual report, p. 41-45. 4. J. H. Saunders: Address to the Maryland teachers' association, p. 46-49. 5. F. W. King: Teachers' retirement fund, p. 50-51.

168. Washington educational association. Addresses and proceedings of the twenty-third annual session, Tacoma, December 28-30, 1909. Seattle, Washington, Northwest journal of education, publishers [1910] 224 p. 8°. (O. C. Whitney, secretary, Tacoma, Wash.)

Contains: 1. W. E. Wilson, president: Address, p. 16-20. 2. S. B. McCormick: The nation's challenge to the school, p. 21-35. 3. F. F. Bunker: The reorganization of our school grades, p. 36-42. 4. O. S. Jones: Progress in education in the state of Washington, p. 43-49. 5. N. D. Showalter: Our rural schools: their improvement, p. 49-53. 6. Mary Carpenter: The relation of the grade teacher to the success of the high school, p. 54-61. 7. F. A. Osborn: Side entrance and exits to the high school, p. 61-64. 8. J. H. Morgan: The work of the educational council, p. 67-69. 9. Frank Deerwester: What can be done for the raising of the professional status of the teacher now by preparation, p. 70-73. 10. H. B. Dewey: The professional status of the teacher: what can be done to raise it? Certification, p. 73-75. 11. Mary P. Carpenter: Tenure, p. 76-78. 12. A. H. Yoder: The professional status of the teacher; how raised by a scheme of annuities or pensions, p. 78-82. 13. N. F. Coleman: Professional ethics and esprit du corps, p. 82-84. 14. F. S. Thompson: Some reasons for partial failure in the development of the more important elements of manhood, p. 86-91. Estelle Purinton: Discussion, p. 91-92. 15. E. E. Cave: Bulwarking American institutions by practical civic training in our public schools, p. 92-104. 16. A. H. Smith: The differentiation of the course in physics for boys and girls, p. 106-8. 17. G. P. Riggs: What should constitute a high school course in botany, p. 109-21. 18. G. P. Senter: Some difficulties in the teaching of chemistry in the high school, p. 122-25. 19. H. B. Dewey: Rural school problem, p. 127-29. 20. A. S. Burrows: Summary of rural needs, p. 130-32. 21. S. S. Busch: To what degree is the normal able to meet the needs of the rural schools? p. 133-35. 22. Almira George: The adaptability of the normal graduate to the rural schools, p. 135-38. 23. Josephine Preston: The rural teacher: the adaptability of the normal graduate to this work, p. 139-41. 24. E. J. Klemme: How may the normal trained teacher be induced to teach in the rural schools? p. 142-45. 25. J. O. Mattson: How may the normal trained teacher be induced to teach in the rural schools? p. 146-49. 26. Emma H. Koller: Training of the child voice, p. 151-54. 27. Marcella Naughtman: The problem of introducing music, p. 155-58. 28. C. D. Webster: A problem in design, p. 160-65. 29. Nellie Barnett: The home economics movement, p. 166-77. 30. F. W. Morrison: Solution of equations, p. 179-80. 31. C. A. Isaacs: Modern geometry of the triangle, p. 181-83. 32. Mrs. R. E. Friars: History of mathematics in the high school, p. 183-87. 33. Mable Sulland: The correlation of composition and literature in high school English, p. 190-93. 34. E. J. Uhl: The place of conversation and composition in high school German, p. 194-98. 35. E. Shorrock: The management of school board affairs, p. 200-4. 36. J. O. Peterson: Permanence and the pupil, p. 209-13. 37. Stephen Dwan: The teaching of commercial subjects in the high school, p. 214-17. 38. C. F. Beutel: The business college and the teacher, p. 218-21.

169. **West Virginia university. Educational conference.** Proceedings and papers of the seventh annual educational conference, held at West Virginia university, June 25 and 26, 1909. [Morgantown] The University, 1909. 51 p. 8°. (West Virginia University. Bulletin, series 9, no. 6) (Laura F. Lewis, secretary, Fairmont, W. Va.)

Contains: 1. J. N. Deahl: Professional education for teachers in the normal schools, p. 8-9. 2. C. G. Doney, C. R. Murray: Professional education for teachers in the private and denominational schools, p. 9-11, 11-13. 3. L. B. Hill, S. P. Hatton: Professional education for teachers in the university, p. 14-16, 17-18. 4. W. B. Taylor: Professional training for preachers, p. 18-21. 5. Maxwell Adams: Education in manual training, p. 21-25. 6. Neva A. Scott: Education in domestic science, p. 25-32. 7. T. F. Burk: Commercial education, p. 32-35. 8. J. P. Lawrence: Musical education, p. 35-36. 9. L. F. W. Hildner: Education for engineers. Mechanical engineering, p. 36-39. 10. W. H. Boughton: Education for engineers. Civil engineering, p. 39-44. 11. W. E. Dickinson: Education for engineers. Electrical engineering, p. 44-48. 12. J. W. Knowlton: Education for engineers. Mining engineering, p. 48-51.

170. **Wisconsin teachers' association.** Proceedings of the fifty-sixth annual session, held at Milwaukee, November 12 to 14, 1908. Madison, Wis., Democrat printing company, state printers, 1909. viii, 220 p. 8°. (Katherine R. Williams, secretary, Fifteenth district school no. 2, Milwaukee, Wis.)

Contains: 1. J. F. Woodhull: How the public will solve our problems of science teaching, p. 13-17. 2. E. A. Ross: The shortcomings of history, p. 36-38. 3. R. H. Butler: Shorthand in the high school, p. 40-42. 4. W. A. Scott: Relation of the commerce course at the university to the high schools, p. 42-44. 5. R. P. Kelley: Recent growth in the use of shorthand in the high school curriculum, p. 44-46. 6. Mary D. Bradford: Primary reading, p. 50-52. 7. J. F. Riordan: Course of study, p. 53-54. 8. Neale S. Knowles: The influence of domestic science on good citizenship, p. 55-58. 9. Laura L. Colman: A more uniform course of study, p. 56-57. 10. George Wittich: Folk-dances as physical training for the young in America, p. 60-62. 11. W. L. Bodine: The naughty boy; truancy and its remedies, p. 63-66. 12. S. B. Tobey: The teachers' point of view, p. 69-71. 13. L. A. Bacon: The manual training course of study, p. 101-6. 14. J. A. H. Keith: The great ways of learning, p. 112-19. 15. L. H. Gulick: The health of the child, p. 119-27. 16. H. C. Buell, president: Annual address, p. 127-31. 17. S. L. Heeter: Education of the hand and the head, p. 132-38. 18. G. H. Landgraf: Needed city school legislation, p. 138-45. 19. C. H. Hemingway: Needed legislation for rural schools, p. 145-54. 20. R. C. Denison: The teacher and the state, p. 154-60. 21. L. D. Harvey, chairman: Report of the committee on the constitutional amendment changing the minimum school age from four to six years, p. 160-64. 22. J. W. Olson: The county superintendency and its place in our educational system, p. 165-70. 23. C. P. Cary: The heart as a factor in education, p. 170-76.

ASSOCIATIONS, SOCIETIES, CONFERENCES, ETC.—FOREIGN

(A list of British societies with officers and brief sketch of each is found in the Schoolmaster's Year-book for each year.)

171. **Association of head mistresses.** See 1464.
172. **British association for the advancement of science. Educational section.** Program at Winnipeg, August 1909. Science, n. s. 30:109, July 23, 1909.
173. **Bund deutscher taubstummlehrer.** See 1510.
174. **National education association.** Annual report for the year ending December 31st, 1909. London [Co-operative printing society limited, 1910] 32 p. 8°. (No. 165)
175. **Ontario educational association.** Proceedings of the forty-eighth annual convention, held in Toronto on the 13th, 14th and 15th of April, 1909. Toronto, Warwick bro's & Rutter, limited, 1909. 431 p. 8°. (R. W. Doan, general secretary, Toronto)
- Contains: 1. W. H. Ballard: President's address, p. 20-25. 2. Charles DeGarmo: Some modern ideas in education, p. 91-105. 3. Charles DeGarmo: Problem form of instruction, p. 106-21. 4. A. H. Colquhoun: Address, p. 121-23. 5. U. J. Flach: Secondary schools of England with special reference to the scope, character, and methods of teaching mathematics, p. 129-37. 6. W. J. Byker: Secondary schools of Great Britain, p. 137-43. 7. Baron Nettelbladt: Address in German.

p. 144-52. 8. Carl Lehmann: Science teaching in German secondary schools, p. 174-82. 9. J. Matheson: A view of education applied to geometry, p. 183-90. 10. A. McVicar: History and Canadian citizenship, p. 191-97. 11. W. E. Macpherson: Supplementary reading in the lower school, p. 198-204. 12. W. J. Sykes: English literature for junior matriculation and entrance to normal schools, p. 205-8. 13. Clara Brenton: (Kindergarten department) President's address, p. 231-7. 14. Lillian B. Harding: The educational value of stories, p. 267-61. 15. Ida Hillman: The influence of good pictures, p. 261-66. 16. S. J. Radcliff: History in the public schools, p. 267-72. 17. J. R. Seavey: Why we teach art in the public schools, p. 272-82. 18. G. K. Mills: Departmental aid to teachers, p. 283-87. 19. Arthur Brown: Exemption from examination upon the teacher's recommendation, p. 287-93. 20. H. H. Burgees: Fifth classes in rural schools, p. 293-96. 21. N. W. Campbell: A compulsory attendance act, p. 290-303. 22. A. McPhedran: Medical inspection of schools, p. 304-10. 23. S. Truman: Military training in the schools, p. 311-17. 24. Robert McKnight: Our public schools then and now, with a glance at what may be anticipated in the future, p. 318-23. 25. W. T. Wilkins: Might not a larger place be profitably assigned in our educational system to night schools and evening classes? p. 323-30. 26. J. E. Farewell: How the teacher and trustee can supply material for local history, p. 330-37. 27. J. B. Dow: Rhodes scholarships, p. 337-42. 28. J. E. Hett: The benefits derived from physical training and medical inspection, p. 342-48. 29. T. A. Reid: The state and its primary schools, with some present problems, p. 348-59. 30. Miss A. L. Laird: English household science training schools, p. 361-65. 31. J. Roberts: The relation of teacher and nurse to medical inspection, p. 368-77. 32. J. H. Elliott: Education in hygiene—a means to protect the home and household from tuberculosis, p. 384-91. 33. Edward Faw: Connecting the kindergarten and manual training, p. 404-12. 34. A. N. Searrow: Manual training from a mechanic's viewpoint—design and construction, p. 413-20.

176. Parents' national educational union. See 1187.

ASSOCIATIONS, SOCIETIES, CONFERENCES, ETC.—INTERNATIONAL

177. International kindergarten union. See 514, 515.
178. Société des professeurs de langues vivantes de l'enseignement public. Congrès international. See 674.

DOCUMENTS

179. U. S. Bureau of education. Report of the Commissioner of education for the year ended June 30, 1909. v. 1-2. Washington, Government printing office, 1909. 8°.

Contains: 1. Educational boards and commissions, p. 33-52. 2. Educational associations, conferences, etc., p. 52-87. 3. Standardization of education, p. 99-105. 4. Aid to students, p. 106-8. 5. Public schools, p. 110-14. 6. Training of teachers, p. 114-16. 7. Teachers' tenure, salaries, pensions, etc., p. 117-21. 8. Departments and branches of study, p. 122-37. 9. Agricultural education, p. 137-50. 10. Industrial training, p. 150-75. 11. Home economics, p. 175-78. 12. Co-education of the sexes, p. 178-80. 13. International congresses, p. 187-203. 14. International education relations (including Chinese students in United States), p. 203-22. 15. Health and hygiene, p. 222-27. 16. Compulsory education and child labor laws, p. 228-33. 17. Education of the colored race, p. 234-39. 18. C. S. Foss: State educational associations, p. 251-74. 19. Education in Hawaii, p. 275-77. 20. Education in the Philippines, p. 279-309. 21. Education in Porto Rico, p. 311-22. 22. L. S. Rowe: Educational progress in the Argentine Republic and Chile, p. 323-62. 23. Education in Great Britain and England, p. 363-94. 24. Education in Scotland, p. 394-401. 25. Education in Ireland, p. 401-3. 26. Education in France, p. 405-44. 27. Education in Central Europe, p. 445-501. 28. E. M. Goldsmith: Schools for crippled children abroad, p. 503-11. 29. John Fryer: The educational reform in China, p. 513-21.

(Volume 2 contains statistical matter.)

DIRECTORIES

180. American college and private school directory, compiled and ed. by Harry J. Myers. vol. III (Third year). Chicago, New York, Educational aid society. [1909] 252 p. 8°.
181. Patterson's college and school directory of the United States and Canada, compiled and ed. by Homer L. Patterson. vol. 6, 1909. Chicago, American educational company, 1909. 703 p. 8°.

HISTORY AND DESCRIPTION

GENERAL

182. **Raylin, Clara Karm.** The development of education. *Education*, 30: 561-70, May 1910.
183. **Damseaux, Eugène.** Histoire de la pédagogie à l'usage des élèves des écoles normales et des membres du corps enseignant. Liège, H. Dessain, éditeur; Paris, V. Magnin et fils, 1910. iv, 607 p. 12°.
184. **Heigenmooser, Joseph and Bock, Alfons.** Geschichte der pädagogik. Quellenbuch und überblick der geschichte der pädagogik, mit besonderer berücksichtigung der bayerischen erziehungs- und schulgeschichte. München, C. A. Seyfried & comp. (C. Schnell) [1909] 280, 239 p. 8°.
Comprehensive treatment of the subject, giving much biographical information concerning the early German school teachers. The general history begins with the time of Christ and the apostles.
185. **Paolucci, Ant.** Le vicende del lavoro nella storia dell'educazione, con prefazione del prof. Francesco Orestano. Roma-Milano, Società editrice Dante Alighieri di Albighi, Segati e c., 1910. 269 p. 16°.
186. **Bausch, Erwin.** Geschichte der pädagogik und des gelehrten unterrichts im abriss dargestellt. 3. verb. und verm. auff. Leipzig, A. Deichert'sche verlagsbuchhandlung nachf. (G. Böhme) 1909. 202 p. 8°.
187. **Schiele, Friedrich Michael.** Geschichte der erziehung; vier vorlesungen, gehalten im ersten Stuttgarter hochschulkursus für lehrer und lehrerinnen, 1909. Leipzig, Dürr'sche buchhandlung, 1909. 166 p. 8°.
188. **Schorn, August, ed.** Geschichte der pädagogik in vorbildern und bildern . . . fortgeführt von Hermann Reinecke, . . . später Dr. Julius Plath. . . . Nach den neuen bestimmungen vom 1. Juli 1901 bearbeitet von Friedrich von Werder. 25. auff. hrsg. von Wilhelm Ewerding. Leipzig, Dürr'sche buchhandlung, 1909. 522 p. 8°.
189. **Taylor, William James.** A syllabus of the history of education. Boston, D. C. Heath & co., 1909. 147 p. 12°.
190. **Zenz, Wilhelm, Frank, Ferdinand and Siegert, Eduard.** Geschichte der pädagogik. Wien, A. Pichlers witwe & sohn, 1910. x, 520 p. 8°.
191. **Ziegler, Theobald.** Geschichte der pädagogik, mit besonderer rücksicht auf das höhere unterrichtswesen. 3., durchgesehene und ergänzte auff. München, C. H. Beck, 1909. x, 416 p. 8°.
"Quellen und literatur": p. 11-16.

ANCIENT

192. **Cole, Percival E.** Later Roman education in Ausonius, Capella and the Theodosian code; with translations and commentary. New York, Teachers college, Columbia university, 1909. 30 p. 8°. (Teachers college, Columbia university. Contributions to education, no. 27)
193. **Walden, John W. H.** The universities of ancient Greece. New York, C. Scribner's sons, 1909. 367 p. 8°.
An account of the Greek educational world during the first five centuries of the Christian era, taking up every side of the life.
194. **Ziebarth, Erich.** Aus dem griechischen schulwesen, Eudemos von Milet und verwandtes . . . Leipzig [etc.] B. G. Taubner, 1909. vi, 149 p. 8°.

MEDIEVAL

195. **Graves, Frank Pierrepont.** A history of education during the middle ages and the transition to modern times. New York, The Macmillan company 1910. xv, 328 p. 12°.
- "He has made of dry historical facts a narrative, full of interest, one that touches the life, politics, religion, and philosophy of the times. His critical summaries are most helpful; one is continually impressed with his desire to be fair."—Pedagogical seminary, December 1910, p. 435.
196. **Paetow, Louis John.** The arts course at medieval universities with special reference to grammar and rhetoric. Urbana-Champaign, University press [1910] 134 p. 4°. (University of Illinois. The University studies, vol. iii, no. 7)

MODERN

197. **Cable, Lucy Leffingwell.** School-children the world over, with stories and descriptions, by Lucy Dunton [pseud.] New York, F. A. Stokes company [1909] 78 p. 4°.
- Well illustrated. Text intended for children of 9 years or younger.
198. **Heman, Friedrich.** Geschichte der neueren pädagogik. 2d ed. Osterwieck (Harz) & Leipzig, A. W. Zickfeldt, 1909. xxv, 495 p. 8°. (Bücherschatz des Lehrers; bd. 10)
199. **Reimann, Carl.** Die volksbildungsbestrebungen der gegenwart und ihre bedeutung. Minden i. W., A. Hufeland, 1910. 66 p. 8°. (Lehrerprüfungs- und informationsarbeiten, hft. 43)

UNITED STATES

GENERAL

200. **Birdseye, Clarence F.** The General education board. American college, 1: 381-89, 467-74, February, March 1910.
201. **Bowden-Smith, A. Georgette.** An English student's wander-year in America. London, E. Arnold, 1910. xii, 328 p. 12°.
- An account of American schools and colleges and American civilization as seen by an alert fair-minded English woman.
202. **Bruce, Philip Alexander.** Education. In his Institutional history of Virginia in the seventeenth century. New York and London, G. P. Putnam's sons, 1910. v. 1, p. 291-459.
203. **Chapman, John Jay.** Learning. Atlantic monthly, 106: 125-36, July 1910.
204. Contributions to the history of American teaching. I, II (Aaron Gove), III (Charles Super), IV (John H. Hewitt), V (James M. Greenwood). Educational review, 38: 179-81, 493-506, 39: 53-60, 227-37, 40: 11-29, September, December 1909, January, March, June 1910.
205. **Cubberley, Ellwood P.** Changing conceptions of education. Boston [etc.] Houghton Mifflin company [1909] 70 p. 12°. (Riverside educational monographs, ed. by H. Suzzallo)
- Traces development of American education in relation to the introduction of a foreign population and changed conditions of living. The new conception emphasizes the social and industrial problems.
206. **Díaz, Eul B.** Viaje a los Estados Unidos de América; notas sobre educación. Buenos Aires, Establecimiento tipográfico El comercio, 1909. 263 p. illus. 8°.
207. **Downey, James E.** Educational progress in 1909. School review, 18: 400-23, June 1910.

208. **Folwell, William Watts.** University addresses. Minneapolis, The H. W. Wilson company, 1909. 224 p. 12°.
 CONTENTS.—Inaugural address, 1869.—The Minnesota plan, 1875.—The secularization of education, 1881.—The civic education, 1884.
209. **Francis, Alexander.** Americans; an impression. London, A. Melrose, 1909. 256 p. 8°.
 Chapters 9-15, p. 119-201, are on the following topics: Education, Coeducation, Secular education, Colleges and character, College athletics, The collegiate task, College fraternities.
210. **Gallinger, Jacob Harold.** General education board . . . Memorandum concerning the General education board along the lines of the promotion of practical farming in the southern states, the development of a system of public high schools in the southern states; and the promotion of higher education throughout the United States . . . [Washington, Government printing office, 1910] 15 p. 8°. ([U. S.] 61st Cong., 2d sess. Senate. Doc. 453)
211. **Gass, Howard A.** Education in Missouri. Missouri school journal, 26 : 403-6, September 1909.
212. **Gayley, Charles Mills.** Idols of education. New York, Doubleday, Page & company, 1910. 181 p. 12°.
 Calls attention to the deficiencies of the public schools and obsolete features of the universities, with the general lack of culture resulting from such conditions.
 "His idols seem like ideals. Carried out, they would radically and broadly change our present educational system."—Outlook, May 14, 1910, p. 87-88.
213. **Gephart, W. F.** Statistics of educational progress. Ohio teacher, 30 : 393-95, April 1910.
214. **Hart, Albert Bushnell.** White education; Negro education; Objections to education. In his Southern South. New York and London, D. Appleton and company, 1910. p. 288-337.
215. **Jackson, George Leroy.** The development of school support in colonial Massachusetts. New York, Teachers college, Columbia university, 1909. 95 p. 8°. (Teachers college, Columbia university. Contributions to education, no. 25)
216. **Kilpatrick, W. H.** Date of the first school in New Netherland. Educational review, 38 : 380-92, November 1909.
217. **Mooney, Granville W.** A review and a prophecy. Ohio educational monthly, 58 : 627-35, December 1909.
218. **Münsterberg, Hugo.** The standing of scholarship in America. Atlantic monthly, 104 : 453-61, October 1909.
 Reprinted in his American problems. New York, Moffat, Yard and company, 1910. p. 47-66.
219. **New South Wales.** Department of public instruction. A report following upon observations of American education. By P. Board, M. A., director of education. Issued by the authority of the Hon. J. A. Hogue, M. P., minister of public instruction. Sydney, W. A. Gullick, government printer, 1909. vi, 63 p. 8°.
220. **Northrop, Cyrus.** Educational advantages of the central west. World to-day, 19 : 855-62, August 1910.
221. **Pritchett, Henry S.** The twentieth century type of education. Hampton, Va., The Institute press, 1909. 8 p. 8°.
 A commencement address at Hampton Institute, delivered May 23, 1909. Reprinted from the Southern workman. Gives as the motto of the eighteenth century school and university, "I believe," of the nineteenth century school and university, "I believe, but I think," of the twentieth century school, "I believe and I think, in order that I may work."

222. **Simkins, J. D.** The keynote of the twentieth century. Ohio teacher, 30 : 245-49, January 1910.

Inaugural address before the Central Ohio teachers' association, Toledo, O., November 13, 1909.

223. **Snedden, David.** Educational tendencies in America. Educational review, 39 : 13-31, January 1910.

Among these tendencies are noted, departments of pedagogy in universities, elective studies in high schools, teaching children how to study, and utilizing the social life of the school.

224. **Stardy, William A.** The economy of education. Boston, J. D. Bonnell & son, 1909. 384 p. 8°.

"It is the purpose of this writing to demonstrate the present evils of the educational system of America, and show the need of an American literature based upon American principles of progress, for the introduction of economy in education."—Intro.

225. **Thomas, David Y.** The cotton tax and southern education. North American review, 190 : 688-92, November 1909.

226. **Van Dyke, Henry.** The spirit of America. New York, The Macmillan company, 1910. xv, 276 p. 8°.

CONTENTS.—Introduction.—The soul of a people.—Self-reliance and the republic.—Fair play and democracy.—Willpower, work, and wealth.—Common order and social cooperation.—Personal development and education.—Self-expression and literature.

"This book contains the first seven of a series of twenty-six conferences, given in the winter of 1908-1909, on the Hyde foundation, at the University of Paris, and repeated in part at other universities of France."

227. **Washington (State) Department of education.** History of education in Washington; preliminary ed. issued for distribution at the A.-Y.-P. exposition; comp. and issued by Henry B. Dewey, superintendent of public instruction. 1909. Olympia, Wash., E. L. Boardman, public printer, 1909. 68 p. 8°.

228. **Winship, A. E.** Education in the South. Journal of education, 70 : 651-62, 680-81, 71 : 31-33, December 23, 1909, January 13, 1910.

West Virginia, p. 651-62; Virginia, p. 680-81; North Carolina, p. 31-33.

229. ——— Educational survey of twenty-five years. Journal of education, 71 : 621-30, June 9, 1910.

230. **Wolcott, John D.** The Southern educational convention of 1863. South Atlantic quarterly, 8 : 354-60, October 1909.

231. The year in education. Outlook, 95 : 715-17, July 30, 1910.

232. **Yetter, J. M.** The educational system of Pennsylvania. New York, Cochrane publishing company, 1909. 115 p. 12°.

"Part 1 treats of the elements contributing to the system, and tells how, out of such a conglomerate of people with much diversity of opinions, ideals, and beliefs, a general plan was at last formed and accepted. Part 2 treats of the system as planned and formulated by law. Part 3 shows what the system is in actual practice."—Pref.

PUBLIC SCHOOLS

233. **Bureau of municipal research, New York.** School stories; an illustrated guide to school subjects of interest. New York, Bureau of municipal research, 1909. 88 p. 8°.

Advocates the careful indexing of school reports in order to bring interesting school items to the attention of the parent, taxpayer, social worker, and public-office holder. As an illustration, the report of New York city's superintendent of schools for 1908 is indexed in detail.

234. **Burk, Frederic.** The bankruptcy of "Education." World's work, 18 : 11690-96, June 1909; 11764-67, July 1909.

235. **Cooley, E. G.** The adjustment of the school system to the changed conditions of the twentieth century. Educational bimonthly, 4 : 1-11, October 1909.

236. **Edson, Andrew W.** Indianapolis school work. *Journal of education*, 71 : 373-74, April 7, 1910.
237. **Hollembek, Jessie Ryan.** A history of the public schools of Stockton, California. [n. p.] 1909. 173 p. 8°. Prepared for the Alaska-Yukon exposition.
238. **Holliday, Carl.** A brief account of ancient schools, written A. D. 2300. *American educational review*, 31 : 29-35, October 1909.
An attack upon what the author considers the inexcusable defects of our present system of education.
239. **Leckliter, Mrs. F. P.** The inefficiency of the public school. *Missouri school journal*, 26 : 386-92, September 1909.
240. **Lee, James W.** Place and importance of the common school. [n. p.] The Georgia county school officials association [1910] 31 p. 12°. An address before the convention of county school commissioners, delivered in Athens, Georgia, May 4, 1910.
241. **Perry, Clarence Arthur.** Our school system a sieve. *Journal of education*, 70 : 367-68, October 14, 1909.
242. **Prince, John T.** A brief statement of some of the changes in the public schools in the past twenty-five years and the present outlook. In Massachusetts. Board of education. Seventy-third annual report, 1908-9. Boston, Wright and Potter printing co., state printers, 1910. p. 159-74.
243. **Rogers, Joseph M.** What is wrong with our public schools. *Lippincott's monthly magazine*, 85 : 63-72, 211-21, 322-23, 479-88, 606-9, 741-50, January, February, March, April, May, June 1910.
Contains: 1. Some notable deficiencies. 2. Education outside of books. 3. The teacher. 4. Some remedies suggested. 5. The cost of improvements. 6. A model school outlined.
244. **Sercombe, Parker H.** The evils of American school systems: archaic methods condemned and remedied. *Craftsman*, 16 : 603-11, September 1909.
A plea for industrial education with practical object lessons in the school room, garden, and work shops, combined with instruction in social and economic theories.
245. **Tirrell, Henry A.** The Norwich tests, 1862-1909. *Journal of education*, 71 : 598-600, June 2, 1910; *School review*, 18 : 326-32, May 1910.
246. **Webster, W. F. and Heeter, S. L.** Our present needs, W. F. Webster, principal East high school, Minneapolis, p. 3-17. The lagging half in our schools, S. L. Heeter, superintendent of schools, St. Paul, p. 19-31. [Minneapolis] Minnesota educational association, 1909. 31 p. 8°. Discussions of educational conditions in Minnesota.
247. **Winship, A. E.** Are our schools behind the needs of the times? *Journal of education*, 70 : 479-81, November 11, 1909.
248. ——— The Los Angeles situation. *Journal of education*, 70 : 397-99, October 21, 1909.
249. **Wright, Sarah Martyn.** School days in the '30's. *Independent*, 68 : 89-92, January 13, 1910.

HIGHER OR UNIVERSITY EDUCATION

(For individual institutions see universities and colleges.)

250. **Benton, Guy Potter.** The real college. Cincinnati, Jennings and Graham; New York, Eaton and Mains [1909] 184 p. 12°.

"One of the memorial volumes issued in connection with the exercises attendant upon the celebration of the one hundredth anniversary of the founding of the Miami university—A real college."

251. **Butler, Nicholas Murray.** The American college under fire. Educational review, 38 : 515-21, December 1909.

States as the most vexing problems of the college, its relation with secondary schools, its instruction and its discipline, calling the attention of critics to the financial and other limitations and difficulties involved.

252. **Cattell, J. McKeen.** The achievements and shortcomings of the American college. School review, 18 : 369-83, June 1910.

Read at the nineteenth annual meeting of the Harvard teacher's association, Harvard university, March 1910.

253. **Foster, William Trufant.** The American college on trial. School review, 17 : 330-43, May 1909.

254. **Hopkins, Ernest Martin.** The critical period for the American college. Educational review, 39 : 165-75, February 1910.

255. **Münsterberg, Hugo.** Das amerikanische college. [Berlin, 1909] 11 p. 8°. Reprinted from Internationale wochenschrift für wissenschaft, kunst und technik, November 20, 1909.

256. **New York (State) Education department.** New York colleges and the state system of education. In its Sixth annual report, 1909. (Andrew S. Draper, commissioner) Albany, New York State education department, 1910. p. 720-39.

"Why can not the 'University of the State of New York' be made the active agent of the State for coordinating such institutions with the endowed institutions, for giving all in some way the aid of the State, and for making all more potent in the affairs of the State?"

257. **Reeve, Arthur B.** Our new college presidents. Munsey's magazine, 42 : 155-64, November 1909.

Sketches, with portraits, of the new heads of Harvard, Dartmouth, Smith, Wesleyan, Union, and Massachusetts institute of technology.

258. **Roberts, W. W.** American universities. X (Chicago), XI (New York). Journal of education, 70 : 599-601, 71 : 742-43, December 9, 1909, June 30, 1910.

259. **Slosson, Edwin E.** Great American universities. New York, The Macmillan company, 1910. xvi, 528 p. illus. 8°.

CONTENTS.—Introduction.—Harvard university.—Yale university.—Princeton university.—Leland Stanford junior university.—University of California.—University of Michigan.—University of Wisconsin.—University of Minnesota.—University of Illinois.—Cornell university.—University of Pennsylvania.—Johns Hopkins university.—University of Chicago.—Columbia university.—Comparisons and conclusions.

An account of present conditions at these universities; their administration, policies, traditions, and student life. Originally published as a series of articles in the Independent, 1909-10.

260. **Snedden, David.** The achievements and shortcomings of the American college. School review, 18 : 384-94, June 1910.

Read at the nineteenth annual meeting of the Harvard teachers' association, Harvard university, March 1910.

261. **Tombo, Rudolf, jr.** The geographical distribution of the student body at a number of universities and colleges. [New York, 1909] 8 p. 4°. Reprinted from Science, n. s. 30 : 427-35, October 1, 1909.

Tabulates and interprets statistics showing the geographical distribution of the student body of twenty-one American universities, five New England colleges for men, five colleges for women, two technological schools, and one Pennsylvania college and engineering school for men, for the academic year 1908-9, the summer session students being in every case omitted.

"The number of foreign students at American institutions of learning is rapidly on the increase, and it is safe to say that the day is not very far distant when there will be more German students at American universities than American students at German universities."

262. Tombo, Rudolf, jr. University registration statistics. *Science*, n. s. 30 : 897-907, December 24, 1909.
263. Van Hise, Charles R. Higher education in the South and West. *American educational review*, 81 : 607-12, July 1910.

CANADA

264. Chipman, George F. Refining process; work of schools and churches among the foreigners in Winnipeg. *Canadian magazine*, 33 : 543-54, October 1909.

CENTRAL AND SOUTH AMERICA. CUBA

265. Argentine Republic. Consejo nacional de educacion. La jura de la bandera; crónica de las ceremonias realizadas en los xiv distritos escolares de la capital, 8 de Julio de 1909. Buenos Aires, Est. tipografico El Comercio, 1909. 74 p. 8°.
266. Baker, May L. School teaching in Panama. *Independent*, 67 : 1445-49, December 23, 1909.
Teaching in Panama canal zone.
267. Bullard, B. L. Education in Cuba. *Educational review*, 39 : 378-84, April 1910.
268. Vargas, Moises. Bosquejo de la instruccion publica en Chile. Obra dedicada a los señores delegados y adherentes al IV Congreso científico (I. Panamericano) 25 Diciembre de 1908; 5 Enero de 1909. Santiago [1909] 453 p. 4°.

EUROPE

269. Cleveland, Ohio. Board of education. Report of delegates on European schools. Cleveland, The Board of education, 1909. [32] p. 8°.
270. Detroit. Board of education. Detroit teachers' visit to British and German schools. In Sixty-sixth annual report of the Board of education, 1909. p. 74-194.
Contains, in addition to general statement of superintendent of schools, four special reports by individual teachers.
271. Friedel, V. H. La pédagogie dans les pays étrangers. Problèmes et solutions, Obligation scolaire et post-scolaire. Préparation professionnelle des instituteurs. Médecins scolaires. Tribunaux pour enfants criminels. Paris, G. Roustan, 1910. 330 p. 16°.
272. Randolph, Corliss F. A report of a visit to European schools, including England, Wales, Scotland, Holland and Germany, January-March, 1909. Newark, N. J., 1909. 42 p. 4°.
Reprinted from the School exchange, 3 : 433-71, June 1909.
273. Tombo, Rudolf, jr. Statistics of foreign universities. *Science*, n. s. 31 : 693-96, May 6, 1910.

GREAT BRITAIN

274. Aldrich, Louise. The British school system. *Popular educator*, 27 : 397-401, April 1910.
275. Branson, E. O. English schools; report of a visit to them. *Educational foundations*, 21 : 595-606, June 1910.
Abridged. Appeared in full in Athens banner, Athens, Ga.

276. **Educational settlement committee. Executive committee.** Towards educational peace; a plan of re-settlement in English elementary education. London, New York [etc.] Longmans, Green, & co., 1910. 59 p. 4°.

The object of the Committee is to promote and maintain religious teaching as an integral part of the national system of education, and to work on non-party lines for an educational settlement which will respect all forms of conscientious belief.

277. **Hamer, Frederick E.** The education controversy. A critical and historical review. London, James Clarke & co., 1909. 44 p. 8°.
278. **Hoban, Charles F.** American teachers' visit to Great Britain and Ireland. Pennsylvania school journal, 58: 149-53, October 1909.
Report of visit under the auspices of the National civic federation, 1908.

279. **Kerr, John.** Scottish education; school and university, from early times [12th century] to 1908. Cambridge, University press, 1910. 442 p. 8°.

"In this volume we find everywhere evidence of the sound common sense of the experienced official, even in the purely historical parts. . . . His aim has obviously been to prepare a standard work of reference in the history of Scottish education, and in order to make it quite up to date he has entrusted certain of the quite new developments to specialists, who make an excellent showing in their respective sections."—*Journal of education* (London) June 1910, p. 413.

280. **Lathbury, Daniel Conner.** Towards educational peace. Nineteenth century, 68: 115-25, July 1910.
281. **Leather, Herbert.** Some educational experiments in England. *Journal of education*, 70: 144-45, August 19, 1909.
282. **Watson, Foster.** The beginnings of the teaching of modern subjects in England. London, I. Pitman & sons, Ltd., 1909. 555 p. 12°.
- "A well-arranged and carefully compiled history of the progress of education about and after the period of the Renaissance. . . . The book is useful rather than interesting; it seems a mass of quotations, of different lengths, rather than a continuous historical narrative, and some portions of it are unnecessarily dry."—*Athenaeum*, August 21, 1909, p. 206.
283. **Winship, A. E.** London and her schools. *Journal of education*, 70: 173-74, August 26, 1909.

SECONDARY EDUCATION

284. **Norwood, Cyril and Hope, Arthur H.** The higher education of boys in England. London, J. Murray, 1909. 568 p. 8°.

"Written by two schoolmasters, in a manner full of vigor, fairness, courage, and breadth. It is an encyclopedia of high school matters up to date. Hardly a problem which American secondary school teachers in America are facing is absent from its pages."—*Educational review*, March 1910, p. 317.

285. **Strong, John.** A history of secondary education in Scotland; an account of Scottish secondary education from early times to the education act of 1908. Oxford, Clarendon press, 1909. 288 p. 8°.

Owing to the fact that only within recent years have elementary, secondary, and university education in Scotland been clearly defined, and to space given to the interaction of educational developments in different countries, the scope of this history extends considerably beyond the limits assigned by the title.

"One is impressed with the scholarly tone that pervades the history from cover to cover, frequent references that enable the student of education to work still deeper into any phase of the subject of Scottish education, selections of original sources interwoven with the narrative in a pleasing manner, and the thoroughness with which the author has delved into private and public source-material in order to illuminate each topic of consideration with the proper light of its historical setting."—*School review*, September 1910, p. 491.

286. **Wilson, J. M.** Public school education in England and its changes during the last fifty years. *Contemporary review*, 95: 684-93, June 1909.

HIGHER OR UNIVERSITY EDUCATION

287. Williams, James. The law of the universities. London, Butterworth & co., 1910. xviii, 155 p. 8°.

"A most painstaking book, which deals very fully with university jurisdiction, prerogative, and privilege; with the law of visitation in relation to both the universities and the colleges; with the law as to government, discipline, and education; with questions of legislation and finance."—*Journal of education* (London) September 1910, p. 394.

FRANCE

288. Bricout, J. Ce qu'on enseigne aux enfants dans nos écoles publiques. Paris, Letouzey & Ané, 1910. xi, 354 p. 12°.

289. Farrington, Frederic Ernest. French secondary schools; an account of the origin, development and present organization of secondary education in France. New York [etc.] Longmans, Green, and co., 1910. xii, 450 p. 8°.

Bibliography: p. [411]-430.

A valuable and authentic contribution to the history and present administration of French schools, including normal and girls' schools.

"The work is aptly done, the analyses are complete, but the material presented is so detailed as to be of little interest except to the student of technical educational problems."—*Annals of the American academy*, September 1910, p. 455.

290. Gurnaud, D. La crise de l'école laïque; l'école et la famille. Paris, Perrin et cie., 1909. 324 p. 12°.

CONTENTS.—Manuels scolaires.—Conflits autour de l'école.—Associations de pères de famille.—Projets de lois scolaires.—La famille et l'enseignement.

291. Salmon, David. The monitorial system in France. *Educational review*, 40: 30-47, June 1910.

292. Valente, Pompeo. La scuola popolare nella rivoluzione francese; contributo alla storia dell'educazione popolare. Torino, G. B. Paravia e c., 1910. 124 p. 8°.

GERMANY

293. Brown, John Franklin. A Prussian gymnasial seminar. *Educational review*, 39: 269-88, March 1910.

294. Budde, Gerhard. Die pädagogik der preussischen höheren knabenschulen unter dem einfluss der pädagogischen zeitströmungen vom anfang des 19. jahrhunderts bis auf die gegenwart. Langensalza, Hermann Beyer & söhne 1910. 2 v. 8°.

295. Campbell, James A. In a Prussian school. *Independent*, 68: 810-13, April 14, 1910.

296. Fechner, K. and Schmidt, O. Münchener volks- und fortbildungsschulen; bericht über den stand des Münchener schulwesens im jahre 1908, im auftrage der Diesterwegstiftung erstattet. Leipzig, Quelle & Meyer, 1909. 210 p. 8°.

297. Kämmer, Otto. Geschichte des Leipziger schulwesens. Leipzig, B. G. Teubner, 1909. xxv, 634 p. 8°.

298. Knabe, Karl. Das deutsche unterrichtswesen der gegenwart. Leipzig, B. G. Teubner, 1910. 108 p. 12°. (Aus natur und geisteswelt. 299. bändchen)

299. Lewin, Heinrich. Geschichte der entwicklung der preussischen volkschule und der förderung der volkbildung durch die Hohenzollern nebst den wichtigsten schulordnungen, schulgesetzen, erlassen und verfügungen. Leipzig, Dörsche buchhandlung, 1910. viii, 483 p. 8°.

300. **Morach, Hans E. Albert.** Das höhere lehramt in Deutschland und Österreich. Ein beitrage zur vergleichenden schulgeschichte und schulreform. 2. verb. und verm. aufl. mit einem alphabetischen sach- und namenregister. Leipzig, B. G. Teubner, 1910. viii, 486 p. 8°.
301. **Müller, C.** Grundriss der geschichte des preussischen volkschulwesens; für seminaristen, lehrer und schulaufsichtsbeamte dargestellt. 2. vermehrte auflage. Osterwieck (Harz) und Leipzig, A. W. Zickfeldt, 1910. 408 p. 8°. (Der bücherschatz des lehrers, hrg. von K. O. Beetz und Ad. Rude. Band 7)
302. Pädagogische jahreschau über das volkschulwesen im jahre 1909 . . . hrg. von E. Clausnitzer. Leipzig und Berlin, B. G. Teubner, 1910. 424 p. 8°.
303. **Payne, E. George.** The system in German schools. Frankfort, Kentucky department of education [1909] 56 p. 8°. (Bulletin of Kentucky department of education, n. s. 1, no. 8, October 1909)
A discussion, not intended to be scientific or exhaustive, of certain phases of the German school system and the lessons that may be drawn from it for the Kentucky schools. After a two years' intimate and careful study of the German schools, the author expresses his conviction that "our German cousins are very much nearer the solution of a proper educational system than we are on this side."
304. **Schwabe, Ernst.** Beiträge zur geschichte des sächsischen gelehrtenschulwesens von 1760-1820; beigegeben: die Pförtner schulordnung von 1808. Leipzig, B. G. Teubner, 1909. 283 p. 8°. (Veröffentlichungen zur geschichte des gelehrtenschulwesens im albertinischen Sachsen, hrg. im auftrag des sächsischen gymnasiallehrervereins, 4. teil)
305. **Schwarz, Hermann.** Experimental pedagogy in Germany. School review, 18: 174-85, March 1910.
306. **Spanhoofd, Edward.** What we might learn from German schools. Educational review, 40: 65-77, June 1910.
307. **Wernicke, Alexander.** Die oberrealschule und die schulreformfragen der gegenwart. Vortrag in der festsetzung vom 10. Oktober 1909 der 11. Hauptversammlung des Vereins zur förderung des lateinlosen höheren schulwesens zu Kassel. Leipzig, B. G. Teubner, 1910. 40 p.
308. **Wolze, Ch.** Über bedeutung und einrichtung der den volkschulen kleiner städte angeglied. ten gehobenen schulabteilungen. Minden i. W., A. Hufeland, 1910. 37 p. 8°. (Lehrer-prüfungs- und informations-arbeiten, hft. 41)

HIGHER OR UNIVERSITY EDUCATION.

309. **Jordan, Edwin Oakes.** Number of students in German universities. Science, n. s. 31: 137-38, January 28, 1910.
310. **Senier, Alfred.** Two academic addresses: a visit to Giessen and Bonn on the Rhine. 2d ed. Dublin, Edward Ponsonby, 1910. 45 p. 8°.

HOLLAND

311. **Peeters, Edward.** Excursion pédagogique en Hollande; notes & impressions. Paris, H. Paulin & cie. [1909] 3 pts. in 1 v.—132, 134, 95 p. 12°. (Nouvelle bibliothèque pédagogique)

ITALY

312. **Callari, Luigi.** L'istruzione pubblica e privata in Italia e per gli Italiani all'estero. Opera incoraggiata dal Ministero della pubblica istruzione e da quello di agricoltura, industria e commercio. Roma, Tipografia dioclesiana, C. Verdini & c., 1910. 740 p. 8°.

96105°—11—4

313. **Falla, Francesco Nunsio.** *Progresso e nuove esigenze della scuola.* Modica, Stabilimento tip. G. Maltese, 1909. 28 p. 12°.
314. **Formiggini-Santamaria, E.** *L'istruzione popolare nello stato pontificio (1824-1870).* Bologna, Modena, A. F. Formiggini, 1909. 288 p. 8°.
315. **Matthews, Caroline.** *La maestra; teaching in Italy.* Atlantic monthly, 105: 194-99, February 1910.
316. **Pouget, Auguste.** *La liberté d'enseignement d'après trois hommes d'état italiens (Minghetti, Bonghi, Mamiani) Chaillevette, l'Auteur [1909]* 82 p. 8°.
317. **Trotto, Pietro.** *La scuola elementare a Padova negli ultimi cent'anni (1805-1906).* Firenze, R. Bemporad e figlio, 1909. xxii, 601 p. tables. 8°.
318. **Vidotto, Giacomo.** *Sulla istituzione degli asili e della scuola infantile in Italia; cenni storici e critici (1827-1898) 3. ed.* Roma-Milano, Società editrice Dante Alighieri di Albrighi, Segati & c. [1910] [3]-138 p. illus. 12°.
"Appendice bibliografica": p. [135]-138.

RUSSIA

319. **Darlington, Thomas.** *Education in Russia.* Presented to both houses of Parliament by command of His Majesty. London, Printed for H. M. Stationery office, by Wyman and sons, limited, 1909. vi, 569 p. 8°. (Great Britain. Board of education. Special reports on educational subjects, v. 23)
Closes with the end of 1904.
320. **Meador, Clarence Linton.** *The present educational situation in Russia.* [Chicago] Printed at the University of Chicago press [1909] p. 681-93. 8°. Reprinted from the School review, vol. 17, no. 10, December 1909.

SWITZERLAND

321. **Pressland, A. J.** *Educational progress in Switzerland.* Journal of education (London) n. s. 32: 491-92, July 1910.
322. **Studer, Paul.** *Education in Switzerland.* Parents' review, 20: 641-50, 760-66, September, October 1909.

TURKEY

323. **Garnett, Lucy M. J.** *Home life in Turkey.* New York, The Macmillan company, 1909. 296 p. 12°.
"To many readers her description of the educational and general intellectual progress of the Turks, especially within the last fifty years, will be new."—Nation, December 30, 1909, p. 657.
324. *How Islam teaches its young.* Review of reviews, 41: 103-5, May 1910.

ASIA

325. **Simon, Abram, Rabbi.** *The principle of Jewish education in the past; two essays.* Washington, D. C., 1909. 36 p. 8°.

CHINA

326. **Bullock, Amasa Archibald.** *Observations concerning government higher schools in West China.* School review, 17: 467-75, September 1909.
327. **Burton, Ernest DeWitt.** *Education; old and new, in China.* World to-day, 18: 878-85, April 1910.
328. **Ip-Young.** *The duties of a Chinese student.* Outlook, 95: 125-28, May 21, 1910.
329. *Modern Chinese education.* Review of reviews, 42: 106-7, July 1910.

INDIA

330. **Alston, Leonard.** Education and citizenship in India. London [etc.] Longmans, Green, and co., 1910. xii, 222 p. 12°.
 "His book contains a great deal of illumination, even if one can hardly agree with him in certain of his conclusions."—*Outlook*, November 12, 1910, p. 602.
331. **Burton, Ernest DeWitt.** Status of Christian education in India. *American journal of theology*, 14: 169-91, April 1910.
 Replies by W. Miller and J. C. R. Ewing, p. 427-40, July 1910.
332. **Dacey, Edward.** Hindu students in England. Nineteenth century and after, 66: 349-60, August 1909.
333. **Fleming, D. J.** Education through social helpfulness in India. *Religious education*, 5: 79-82, April 1910.
334. **Ghosh, J.** Education in British India. *Outlook*, 92: 572-74, July 3, 1909.
335. **Huisingsa, Henry.** Missionary education in India. [Cuttack, Orissa mission press, 1909] vii, 138, [4] p. 8°.
 Bibliography: p. 136-38.
336. **Kirk, Kenneth E.** Indian students in England; another point of view. Nineteenth century and after, 66: 599-606, October 1909.
337. **Mysore (India) Department of public instruction.** Kindergarten instruction in Mysore, 1907-1908. v. 1. Bangalore, Printed at the Government press, 1909. 90 p. 8°.
 Deals largely with the work in Mysore of Miss Lucy R. Latter.
338. **Reinsch, Paul S.** Intellectual leadership in contemporary India. *Atlantic monthly*, 105: 214-24, February 1910.
339. **Urquhart, W. S.** Alleged waste of higher education in India. *Westminster review*, 172: 61-73, July 1909.

JAPAN

340. **Degenhart, A.** Über japanisches schulwesen. Osnabrück, G. E. Lückerd, 1910. 39 p. 8°.
341. **Hori, Tatsui.** Modern education in Japan. *School review*, 17: 558-63, October 1909.
342. **Kanda, Naibu.** Education in Japan. *Annals of the American academy of political and social science*, 36: sup. 9-16, July 1910.
343. **Kikuchi, Dairoku, Baron.** Japanese education. Lectures delivered in the University of London. London, J. Murray, 1909. 397 p. 8°.
 Embodies the substance of two courses given in 1907, one on Japanese educational administration and one on Japanese education, especially elementary and secondary from the pedagogic point of view. The entire material has been recast and merged, and some important recent changes in elementary and normal education noted.
344. **Nishiyama, Sekiji.** Japanese elementary schools. *Education*, 30: 364-67, February 1910.
345. **Okuma, Shigenobu.** Modern education in Japan. *Overland monthly*, n. s. 56: 53-64, January 1910.

AUSTRALIA

346. **Bowland, Percy F.** State secondary education in Queensland. Townsville, T. Willmet & sons, ltd., 1909. 23 p. 8°.

BIOGRAPHY

347. **Gerini, Giovanni Battista.** Gli scrittori pedagogici italiani del secolo diciannovesimo. Torino [etc.] G. B. Paravia e comp., 1910. 728 p. 12°.
348. **Kindermann, Carl.** Die führer im modernen völkerleben, ihr grundcharakter, ihre erziehung, ihre aufgaben. Stuttgart, E. Ulmer [1909] 348 p. 8°.
349. **Maxwell, William H.** Stories of the lives of real teachers. World's work, 18: 11877-80, August 1909.
350. **Pannwitz, Rudolf.** Das werk der deutschen erzieher. Berlin, Modern-pädagogischer & psychologischer verlag [1909] 345 p. 8°.
351. **Aristotle, Willmann, Otto.** Aristoteles als pädagog und didaktiker. Berlin, Reuther & Reichard, 1909. 216 p. 8°. (Die grossen erzieher; ihre persönlichkeits und ihre systeme, hrg. von R. Lehmann, 2. band)
352. **Barnard, Frederick A. P. Butler, Nicholas Murray.** Frederick A. P. Barnard, S. T. D., L.L. D. Columbia university quarterly, 12: 137-50, March 1910.
Stenographic report of an address delivered by President Butler in the Theater of Barnard College, February 12, 1910.
353. **Beale, Dorothea. Raikes, Elisabeth.** Dorothea Beale of Cheltenham. London, A. Constable and company ltd., 1909. xi, 432 p. 8°.
Contains Miss Beale's correspondence, while principal of Cheltenham college for young ladies, with John Ruskin and others.
354. **Blake, William. Ives, Herbert.** William Blake as a teacher. Fortnightly review, 86: 569-74, March 1910.
355. **Browning, Oscar. Browning, Oscar.** Memories of sixty years at Eton, Cambridge, and elsewhere. London and New York, John Lane company, 1910. 364 p. illus. 8°.
"Mr. Browning's reminiscences are about equally compounded of travel, educational theories, and impressions of people of more or less celebrity. . . . On education Mr. Browning has a good deal to say that is sensible; he is for the classics rather than science, and rightly considers that far too much importance is assigned to athletic excellence."—Athenaeum, May 7, 1910, p. 551.
356. **Darwin, Charles Robert. Cockerell, T. D. A.** The Darwin celebration at Cambridge. Popular science monthly, 76: 23-31, January 1910.
357. **Gaufres, Jules. Compayré, Gabriel.** . . . Jules Gaufres, sa vie et son oeuvre. Paris, Hachette et cie [1909] xi, 239 p. 12°.
358. **Gilman, Daniel Coit. Franklin, Fabian.** Life of Daniel Coit Gilman. New York, Dodd, Mead and company, 1910. 446 p. 8°.
"Dr. Franklin has set forth with admirable orderliness and lucidity the chief activities of a varied and complicated life, and his book will be necessary not only to admirers of the hard but also to all students of higher education in America."—Nation, June 2, 1910, p. 557.
359. ——— **Yale university. Class of 1852.** Fasciculi of the memorial symposium of the class of Yale 1852, academic, held on their classmate, Daniel Coit Gilman, who died October 13, 1908. New Bedford, Mass., The Class [1909] 39 p. 8°.
360. **Harris, William Torrey. Ames, O. H.** William Torrey Harris. Journal of philosophy, psychology, and scientific methods, 8: 701-9, December 23, 1909.
361. ——— **Blow, Susan E.** In memoriam: Dr. William Torrey Harris. Kindergarten review, 20: 259-60, December 1909.
362. ——— **Brown, Elmer Ellsworth.** Address at the funeral of Doctor Harris. Educational bi-monthly, 4: 229-30, February 1910.

363. *Harris, William Torrey*. Brown, George Fliny, Cary, C. P. and Brown, Elmer Ellsworth. . . . In memoriam William Torrey Harris. [Chicago] Printed at the University of Chicago press [1910] 47-60 p. 8°. Reprinted from Proceedings of the Department of superintendence of the National education association, Indianapolis, Ind., March 1910.
364. ——— *Compayré, Gabriel*. La mort de William T. Harris. *Éducateur moderne* (Paris) 5 : 1-2, January 1910.
365. ——— *Fitzpatrick, Frank A.* William Torrey Harris: an appreciation. *Educational review*, 39 : 1-12, January 1910.
366. ——— *Greenwood, James M.* William Torrey Harris—educator, philosopher, and scholar. In Missouri state teachers' association. Proceedings and addresses, 1909. Fulton, Mo., The Gazette publishing co., 1910. p. 39-53. Also separately reprinted. 21 p. 8°. Also in *Educational review*, 39 : 121-43, February 1910.
367. ——— *Mowry, William A.* William T. Harris, LL. D.; his early life and his St. Louis reports. *American education*, 13 : 308-11, March 1910.
368. ——— *Sabin, Henry*. Reminiscences of William Torrey Harris. *Journal of education*, 71 : 483-84, May 5, 1910.
369. ——— *Sadler, Michael E.* The service of William Torrey Harris to British education. *Educational review*, 39 : 191-94, February 1910. See also his "Influence of the late Dr. W. T. Harris in English education," *Journal of education* (London) n. s. 32 : 78, 80, January 1910.
370. ——— *Sutton, William S.* Contributions of William Torrey Harris to the development of education in America. *Educational review*, 39 : 299-308, March 1910.
371. *Humboldt, Wilhelm von*. *Spranger, Eduard*. Wilhelm von Humboldt und die reform des bildungswesens. Berlin, Reuther & Reichard, 1910. 255 p. 8°. (Die grossen erzieher; ihre persönlichkeit und ihre systeme, 4. band)
372. *Lyon, Mary*. *Gilchrist, Beth Bradford*. The life of Mary Lyon. Boston and New York, Houghton Mifflin company, 1910. 462 p. 8°. "A biography to place beside that of Alice Freeman Palmer; the same intelligent zeal and loving sympathy have gone to the making of both."—*Dial*, May 16, 1910, p. 349. "Her life has been written by Miss Gilchrist with sympathy and great care. If it appears that more is made out of the rather scanty material furnished by Mary Lyon's actual life than might be warranted, on the other hand the balance is kept because of the tremendous influence of her spirit and teachings persisting to this day."—*Outlook*, June 18, 1910, p. 369.
373. *Mann, Horace*. *Hubbell, George Allen*. Horace Mann, educator, patriot, and reformer; a study in leadership. Philadelphia, W. F. Fell company, 1910. 285 p. illus. 12°. "The most satisfactory biography of Horace Mann that has been written."—*Nation*, June 30, 1910, p. 658.
374. *Meredith, George*. *Watson, Foster*. George Meredith and education. Nineteenth century and after, 67 : 305-23, February 1910.
375. *Oberlin, John Frederic*. *Beard, Augustus Field*. The story of John Frederic Oberlin. Boston, New York, Chicago, The pilgrim press [1909] 198 p. 8°. An excellent account, compiled from material obtained in Waldersbach, the village in which Oberlin lived and worked.
376. *Paulsen, Friedrich*. *Paulsen, Friedrich*. Aus meinem leben; jugenderinnerungen. Jena, E. Diederichs, 1909. 210 p. illus. 12°.

377. *Pestalozzi, Johann Heinrich.* Heubaum, Alfred. J. Heinr. Pestalozzi. Berlin, Reuther & Reichard, 1910. 368 p. 8°. (Die grossen erzieher; ihre persönllichkeit und ihre systeme, 3. band)
378. ——— *Pestalozzi, Johann Heinrich.* Heinrich Pestalozzi; eine auswahl aus seinen briefen und kleineren schriften, hrag. und eingeleitet von Hermann Walsemann. Leipzig und Berlin, B. G. Teubner, 1909. 189 p. 8°. CONTENTS.—Vorwort.—Pestalozzis leben und wirken: I. Wünsche. II. Briefe von Pestalozzi und Anna Schulthess. III. Tagebuchblätter. IV. Die abendstunde eines einsiedlers. V. Briefe an verschiedene personen. VI. Reden an mein haus. Gedichte. Testament.
379. ——— *Seidel, R.* Der unbekannte Pestalozzi, der sozialpolitiker und sozialpädagog. Zürich, Art. institut Orell Füssli, 1909. 32 p. 8°.
380. *Sailer, Johann Michael.* Radlmaier, Lorenz. Johann Michael Sailer als pädagog; eine erziehungsgeschichtliche studie. Berlin, A. Hofmann & komp., 1909. 111 p. 8°. (Mitteilungen der Gesellschaft für deutsche erziehungs- und schulgeschichte. 18. Beiheft)

THEORY OF EDUCATION

381. *Abbott, Lyman.* The evolution of education. The home, the church, the school. In his Spirit of democracy. Boston and New York, Houghton Mifflin company, 1910. p. 59-92.
The lectures composing this book were originally published as a series of articles in the Outlook.
382. *Armstrong, Henry Edward.* The teaching of scientific method and other papers on education. 2d ed. London, Macmillan & co., limited, 1910. 504 p. 8°.
383. *Aylesworth, Barton O.* Educational values. Journal of education, 70: 5-7, 32-35, 119-20, July 1, July 8, August 12, 1909.
384. *Bagley, William Chandler.* Education and utility. Charleston, Ill.; Eastern Illinois state normal school, 1909. 20 p. 8°. (Normal school bulletin. no. 26, October 1, 1909.)
385. *Basedow, Johann Bernhard.* Joh. Bernh. Basedow's elementarwerk mit den kupfertafeln Chodowieckis u. a.; kritische bearbeitung . . . hrag. von Theodor Fritsch. Leipzig, E. Wiegandt, 1909. 3 v. 8°.
"These two large volumes, with a third reproducing the nearly one hundred large illustrations in copper plate of Chodowiecki, constitute a work of very great merit and will be welcomed by every teacher of the history of education throughout the world, who should know them and have them in the library of his institution."—Pedagogical seminary, September 1910, p. 419.
386. *Berg, Arthur.* Welche ansichten Rousseaus über unterricht und erziehung sind noch heute massgebend? Minden i. W., A. Hufeland, 1910. 28 p. 8°. (Lehrerprüfungs- und informations-arbeiten, hft. 45)
387. *Bolton, Frederick Elmer.* Principles of education. New York, C. Scribner's sons, 1910. xii, 790 p. illus. 8°.
388. *Brown, Elmer Ellsworth.* Government by influence and other addresses. New York, London [etc.] Longmans, Green, and co., 1910. 245 p. 8°.
"The addresses are of very unequal value. 'Government by influence,' 'The self-respect of cities,' 'The culture of righteousness' have a wide appeal, and will be found to justify the expectations the titles arouse. Of more limited interest are those dealing with industrial, religious, and agricultural education. Several addresses deal very effectively with the various branches of women's work, and others with the wider aspects of education from the standpoint of the nation and even from that of the world as a whole. The needs of the children receive special attention, and perhaps the best address of all is that on 'The art of the teacher.'"—Journal of education (London) November 1910, p. 735.
"The volume of addresses on educational topics . . . is of unusual value both for its outlook and its insight. Its treatment of subjects appealing to a large variety of interests is both philosophic and practical."—Outlook, June 11, 1910, p. 224.

389. **Carlton, Frank T.** Educational ideals and values. Religious education, 4: 445-51, December 1909.

390. **Cellérier, Lucien.** Esquisse d'une science pédagogique: les faits et les lois de l'éducation. Paris, F. Alcan, 1910. 393 p. 8°.

An American university specialist in pedagogical literature says of this book: "Probably no more valuable contribution to education from a layman since the days of Spencer's Education."

391. **Chamberlain, Arthur Henry.** The lost chond in education. [Los Angeles? 1909?] [16] p. 8°.

392. **Chantavoine, Louis Henri.** L'éducation joyeuse; en vacances—en famille. Paris, Hachette et cie., 1910. 197 p. 12°.

393. **Clark university, Worcester, Mass.** Lectures and addresses before the Department of pedagogy in connection with the celebration of the twentieth anniversary of the opening of Clark university, September, 1909. [Worcester, Mass.] 1910. 80 p. 8°.

Reprinted from the Pedagogical seminary, vol. XVII, no. 1, March 1910.

Contains: 1. Leo Burgerstein: Co-education and hygiene with special reference to European experience and views, p. 1-15; The main problems of schoolroom sanitation and school work, p. 16-28; Some remarks on the relations of body and mind, p. 29-39. 2. T. A. Storey: The responsibilities of the training school for teachers in matters of hygiene, p. 40-43. 3. G. M. Whipple: The instruction of teachers in school hygiene, p. 44-50. 4. H. H. Goddard: Research in school hygiene, in the light of experiences in an institution for the feeble minded, p. 51-53. 5. Paul Monroe: Opportunity and need for research work in the history of education, p. 54-62. 6. T. M. Ballet: Undergraduate instruction in pedagogy, p. 63-69. 7. Anna J. McKeag: The department of education in colleges for women, p. 70-73. 8. E. F. Buchner: Education as a college subject, p. 74-77. 9. W. S. Small: The health of teachers, p. 78-80.

394. **Draper, Andrew S.** Addresses and papers, 1908-1909. Albany, New York State Education department [1909] 180 p. 8°.

CONTENTS.—The rational limits of academic freedom.—Desirable uniformity and diversity in American education.—From manual training to technical and trades schools.—The democratic advance in American universities.—The adaptation of the schools to industry and efficiency.—The school needs of a city.—Suggestions to the staff of the Education department.—Agriculture and its educational needs.—Conserving childhood.—Lincoln.

395. ——— American education; with an introduction by Nicholas Murray Butler. Boston, New York [etc.] Houghton Mifflin company [1909] 383 p. 8°.

CONTENTS.—Organization and administration, 8 papers, p. 3-116.—Elementary and secondary schools, 5 papers, p. 119-83.—The college and the university, 6 papers, p. 187-271.—Special aspects and problems, 7 papers, p. 275-370.

"From the papers which have accumulated thru twenty-three years of educational administration enough have been taken to make this book. . . . The result presents as compact and comprehensive an expression of my experience and thinking upon American educational questions as I can hope to gather in a single book."—Author's pref.

"These papers, delivered at various times and places, form a most admirable, well-balanced treatise on current educational problems, a volume that can be read with profit by the educator the teacher, and the parent."—Educational review, March 1910, p. 310.

396. **Dugas, L.** Le problème de l'éducation; essai de solution par la critique des doctrines pédagogiques. Paris, F. Alcan, 1909. 344 p. 8°.

397. **Eliot, Charles W.** Education for efficiency, and The new definition of the cultivated man. Boston, New York [etc.] Houghton Mifflin company [1909] 57 p. 12°. (Riverside educational monographs, ed. by H. Suzzallo)

398. ——— The value during education of the life-career motive. Journal of education, 72: 65-66, July 21, 1910.

An address before the National education association, at Boston, July 8, 1910. Also in The American college, 2: 357-65, August 1910.

399. **Gansberg, Fritz.** Produktive arbeit; beiträge zur neuen pädagogik. Leipzig, Quelle & Meyer, 1909. vi, 234 p. 8°.
 "Unfortunately the present work . . . seems to be essentially unsystematic—something of a 'commonplace book' in which a school man, who has had some vision of the need of more objective teaching and of more democratic spirit, has jotted down his ideas or feelings upon 'Mechanisierung in der produktion,' 'Öffentlicher unterricht,' 'Siebenjährige schriftsteller,' 'Impressionen acht-jähriger,' 'Objectiver religionsunterricht,' 'Heimatkunde oder kulturkunde,' and fifty-nine other subjects."—School review, December 1910, p. 705.
400. **Gaudig, Hugo.** Didaktische präludien. Leipzig und Berlin, B. G. Teubner, 1909. 272 p. 8°.
401. **Haase, Hermann.** Der ursprüngliche sinn der lehre von den stufen des unterrichts. Leipzig, F. Brandstetter, 1910. vi, 158 p. 8°.
402. **Holliday, Carl.** Specialization vs. education. American educational review, 31: 95-98, November 1909.
403. **Humphreys, W. J.** Environment and productive scholarship. Popular science monthly, 75: 597-609, December 1909.
404. **Jonas, Joh. A.** Darstellender, zerlegender, lehrender unterricht. Leipzig, Dürr, 1910. x, 487 p. 8°.
405. **Jordan, David Starr.** The care and culture of men. . . . Frontispiece by F. Soule Campbell. San Francisco, Whitaker & Ray-Wiggin co., 1910. 194 p. 8°.
406. **Key, Ellen.** The education of the child. New York and London, G. P. Putnam's sons, 1910. 85 p. 12°.
 Reprinted from her "Century of the child."
 "It is a plea for natural education, which is defined as 'the system of allowing nature quietly and slowly to help itself, taking care only that the surrounding conditions help the work of nature.' Some old established pedagogical maxims are emphasized, but for the most part the author breaks away entirely from the methods employed by the educational leaders of to-day."—Literary digest, May 7, 1910, p. 933.
407. **Laurie, Simon S.** Institutes of education; comprising an introduction to rational psychology. 3d ed. New York, The Macmillan company, 1909. 391 p. 8°.
 "This volume contains my class lectures after frequent revision and condensations. It is the third edition, but the changes on the second edition are merely verbal."—Pref. note.
408. **Mackenzie, Mrs. H. Millicent (Hughes).** Hegel's educational theory and practice, with an introductory note by J. S. Mackenzie. . . . London, S. Sonnenschein & co., limited, 1909. xxi, 192 p. 12°.
 "Intended to bring the educational views of Hegel to the notice of teachers who believe that philosophy has a direct bearing upon life and education."—Pref.
 "An admirable setting forth, in simple language of Hegel's vitally important teachings."—Educational review, April 1910, p. 428.
409. **Murrah, W. B.** Right views of education. Mississippi school journal, 14:1-6, February 1910.
410. **Natorp, Paul.** Philosophie und pädagogik; untersuchungen auf ihren grenzgebiet. Marburg, N. G., Elwert'sche verlagsbuchhandlung, 1909. 362 p. 8°.
 Contents.—1. Über philosophie als grundwissenschaft der pädagogik.—2. Individualität und gesellschaft, eine philosophisch-pädagogische untersuchung.—3. Über philosophie und philosophisches studium.—4. Zum gedächtnis Kants.—5. Was uns die Griechen sind.
411. **Northrop, Cyrus.** Addresses educational and patriotic. Minneapolis, The H. W. Wilson company, 1910. 533, ix p. 8°.
412. **O'Shea, M. V.** Education and the changing social order. Educational bi-monthly, 4: 331-40, June 1910.

413. **Pannwitz, Rudolf.** Die erziehung. Frankfurt am Main, Rutten & Loening [1909] 151 p. 8°.
414. **Parry, Edward A.** The disadvantages of education. London, Sherratt & Hughes, 1909. 30 p. 8°.
415. **Petit, Édouard.** De l'école à la cité; études sur l'éducation populaire. Paris, F. Alcan, 1910. viii, 283 p. 12°.
416. **Pomatto, Lorenzo.** Lotte pedagogiche e lotte civili. Torino, S. Lattes & c. [etc., etc.] 1909. 495 p.
417. **Quandel, Rud.** Die grundgedanken in Salzmanns Ameisenbüchlein und ihr pädagogischer wert, für lehrer und lehrerbildungsanstalten. 2. durchgesehene aufl. Minden i. W., A. Hufeland, 1909. 32 p. 8°. (Lehrer-prüfungs- und informations-arbeiten, hft. 37)
418. **Ribera, Julián.** La superstición pedagógica. Madrid, Imprenta ibérica—E. Maestre, 1910. 2 v. 236, 262 p. 12°.
 "His chapters reveal how much the reflective Spaniard who observes educational tendencies has in common with the American student of similar type."—Educational review, April 1910, p. 430.
419. **Ruediger, William C.** The principles of education. Boston and New York, Houghton Mifflin company, 1910. 395 p. 12°.
 An excellent treatise for the student or general reader. Educational aims and values are discussed, and a more logical classification of schools presented than the usual unscientific arrangement.
 "The distinctive contribution of this book is its discussion of educational values and their realization through the curriculum. . . . [It] is well but not strikingly written. . . . It seems to us that the most serious criticism upon the book is that it attempts to cover too much ground for its limited space."—School review, December 1910, p. 704.
420. **Ruiz Amado, Ramón.** . . . La educación intelectual. Barcelona, G. Gili, 1909. 708 p. 12°.
421. **Scharrelmann, H.** Herzhafter unterricht; gedanken und proben aus einer unmodernen pädagogik. 11. bis 13. tausend. Hamburg, A. Janssen, 1910. 159 p. 8°.
 "Das buch will zu einer tieferen auffassung des lehrberufs, zu einer künstlerischen gestaltung unserer täglichen arbeit und zu einem feinsinnigen verständnis der kindeswelt führen."
422. **Shields, Thomas Edward.** The centralization of educational forces. Catholic university bulletin, 16: 586-91, June 1910.
423. **Smith, I. Gregory.** Thoughts on education. 2d series. Oxford, James Parker & co., 1909. 47 p. 8°.
 Contains: 1. Real education. 2. Religious differences in education. 3. Greek and Latin. 4. The educational system of the Jesuits.
424. **Thum, William.** A forward step for the democracy of to-morrow. Boston, Mass., The Twentieth century company, 1910. vi, 235 p. 12°.
 "Mr. Thum's plans for public-works and manufacturing-works high schools have serious defects, and are largely dependent for their first success upon careful selection of the more fit among the students. . . . On the whole, however, there is considerable suggestiveness in the plans."—School review, October 1910, p. 572.
425. **Toulouse, Édouard.** . . . Comment former un esprit. Dixième mille. Paris, Hachette et cie, 1910. x, 250 p. 12°.
426. **Watson, Foster.** A suggested source of Milton's Tractate of education. Nineteenth century and after, 66: 607-17, October 1909.
427. **Wehrhan, Karl.** Die ungeteilte unterrichtszeit nach ihrer pädagogischen, hygienischen und sozial-wirtschaftlichen bedeutung. Minden i. W., A. Hufeland, 1909. 52 p. 8°. (Lehrer-prüfungs- und informations-arbeiten, hft. 39)

428. Wilson, Woodrow. The spirit of learning. Harvard graduates' magazine, 18: 1-14, September 1909.
Oration delivered before the Harvard chapter of Phi Beta Kappa, Sanders theatre, July 1, 1909.
Also in American college, 1: 107-18, November 1909.

PRINCIPLES AND PRACTICE OF TEACHING

GENERAL

429. Adams, John. Exposition and illustration in teaching. London, Macmillan and co., 1909. 426 p. 12°.
The author defines "exposition" in teaching as creating in the mind of the hearer a combination of ideas that previously existed in the mind of the expositor, and "illustration" as a means to enable the pupil to understand more vividly something that is difficult to realize, criticising in this connection the devices used in the schools as illustrative material.
430. Ashley, M. L. Experiment as educational method. Educational bi-monthly, 4: 351-61, June 1910.
431. Barnes, Harold. The group system of teaching. School work, 8: 147-64, June 1909.
References: p. 163-64.
432. Beale, Dorothea. Addresses to teachers. London, New York [etc.] Longmans, Green, and co., 1909. 79 p. 12°.
Brief talks on health and on development of character from an ethical and religious standpoint.
433. Bohnenkamp, H. Schulpaziergänge. Nach notwendigkeit und zweck, ausgestaltung und stellung im unterrichtsbetriebe behandelt. Die kunst und die schule. Ein beitrag zur klärung der kunsterziehungsfrage. Jugendfürsorge. Minden i. W., A. Hufeland, 1910. 54 p. 8°. (Lehrerprüfungs- und informations-arbeiten, hft. 42)
434. Brémond, F. Lectures de pédagogie pratique . . . préparation au certificat d'aptitude pédagogique et au certificat de fin d'études normales. Paris, C. Delagrave [1908?] xi, 572 p. 12°. (Bibliothèque des écoles normales; pub. sous la direction de F. Martel)
435. Brooks, C. J. School room activity. Ohio educational monthly, 58: 571-77, November 1909.
436. Buckley, Sara Craig. Some of the problems that confront us as educators. Educational bi-monthly, 4: 111-16, December 1909.
437. Burritt, Eldon Grant. The pupil and how to teach him. Introduction by John La Due, A. M. Chicago, W. B. Ross, 1910. 254 p. 12°.
"Suggested books for reference and supplementary study, etc.": p. 253-54.
438. Charters, W. W. Methods of teaching developed from a functional standpoint. Chicago, Row, Peterson & company [1909] 255 p. 12°.
"This is an interesting contribution to educational literature. It must, however, be regarded as observations and devices for teaching the author's personal point of view rather than as a fundamental treatment of methods."—Educational review, April 1910, p. 418.
"To a considerable extent this book is a formulation of methods of teaching in terms of Dewey's theory of education, in contrast with the method books based on the Herbartian formula."—Elementary school teacher, May 1910, p. 458.
439. Colgrove, Chauncey Peter. The teacher and the school. New York, C. Scribner's sons, 1910. xxi, 406 p. 12°.
440. Creveling, H. L. The power of personality. Ohio educational monthly, 59: 261-64, June 1910.

441. **Dubois, Norman A.** Teaching by the lecture system. *Science*, n. s. 30: 628-30, November 5, 1909.
442. **Ellot, Charles W.** Ideal American teacher. *Pennsylvania school journal*, 58: 37-38, July 1909.
443. **Flury, Elise.** Practical hints on education to parents & teachers, a translation from her original German work. New York, Cincinnati [etc.] Benziger brothers, 1910. viii, 206 p. 12°.
444. **Gabriel, Edmond.** Manuel de pédagogie à l'usage des écoles catholiques. Tours, Maisson A. Mame & fils; [etc., etc., pref. 1909] vi, 345 p. 12°.
445. **Gurlitt, Ludwig.** Erziehungslehre. Berlin, Wiegandt & Grieben (G. K. Sarasin) [1909] 353 p. 12°.
446. **Harvey, Nathan Albert.** Principles of teaching. Chicago, Row, Peterson & co. [1910] 423 p. illus. 12°.
447. **Helm, Johann.** Handbuch der allgemeinen pädagogik. 4th ed. Erlangen und Leipzig, Georg Böhme, 1909. ix, 290 p. 8°.
448. **Hill, Mrs. Southwood.** Observations and experiments in education. *Parents' review*, 20: 579-87, 690-96, August, September 1909.
449. **Hyde, William De Witt.** The teacher's philosophy in and out of school. Boston [etc.] Houghton Mifflin company [1910] 88 p. 12°. (Riverside educational monographs, ed. by H. Suzzallo)
450. **Lomer, Gerhard Richard.** The concept of method. New York city, Teachers college, Columbia university, 1910. 99 p. 8°. (Teachers college, Columbia university. Contributions to education, no. 34)
Bibliography: p. 97-99.
"The purpose of this treatise is to analyze the process of experience, individual and social, and to indicate the method of experience and of education through selection of materials and control of activities."—Introd.
451. **McAndrew, William.** What is the trouble with the school-teacher? *World's work*, 19: 12552-54, February 1910.
452. **McKeever, William Arch.** Psychologic method in teaching. Chicago, A. Flanagan company [1909] 332 p. 8°.
"The author . . . sets forth his views in remarkably simple and clear language. . . . The object is to give the teacher an insight into the forces that are employed in developing and training a human being from infancy to old age."—J. M. Greenwood in Introd.
453. **Melcher, George.** Alternation. *Missouri school journal*, 26: 445-49, October 1909.
454. **Monroy, Feliciano Catalán.** Estudios pedagógicos. Pontevedra, C. Peón & ca., 1909. 128 p. 8°.
455. **Neet, George Wallace.** Practical methodology. Valparaiso, Ind., The M. E. Bogarte book co., 1909. 495 p. 8°.
456. **Plecher, Hans.** Pädagogik der tat; beiträge zur praktischen gestaltung des arbeitsprinzipes in der volkschule. Leipzig, E. Wunderlich, 1910. vi, 199 p. 8°.
457. **Ponsetti, Giov.** I problemi vitali della pedagogica moderna; breve studio criticosociologico. Firenze, R. Bemporad e figlio, 1910. 102 p. 16°.
458. **Quick and dead.** To teachers, by two of them. London, New York [etc.] Longmans, Green, and co., 1909. 71 p. 12°.

459. **Rein, Wilhelm.** Grundlagen der pädagogik und didaktik. Leipzig, Quelle & Meyer, 1909. 140 p. 12°. (Wissenschaft und bildung, hrg. von Paul Herre)
460. **Sandison, Howard.** The problem of method. Terre Haute, The Moore-Langen printing company, 1909. 442 p. 8°.
 "In this volume it is the intention to consider method as essentially the psychological process of the pupil in obtaining possession of the subject-matter."—Pref. to first ed.
461. **Tucsek, F.** Psychopathologie und pädagogik. Cassel, Hessische schulbuch-handlung (R. Röttger), 1910. 40 p. 8°.
 Vortrag gehalten auf der 34. hauptversammlung des hessischen volksschullehrervereins zu Marburg i. H. am 5. Oktober 1909.
462. **Verein für wissenschaftliche pädagogik.** Jahrbuch, hrg. von W. Rein. 42. jahrgang. Dresden-Blasewitz, Bleyl & Kaemmerer, 1910. 296 p. 8°.
 CONTENTS.—E. Weber: Grundwissenschaften der pädagogik.—E. Bolis: Lateinische syntax im anschluss an die lektüre.—H. Ruppert: Grösse und zahl.—H. Schmickuns: Gegenwärtige stand der hochschul-pädagogik.—P. Zillig: Zur frage: Darf der altruismus zur grundlegung des bildungs-ideals und damit des lehrplans für die volksschule gewonnen werden?—Dr. Felsch: Meumann und Herbarts psychologie.—K. Just: Charakteristik des kindesalters.—P. Dietering: Herbart und die modernen.—F. Falbrecht: Bemerkungen zu Glasewakis abhandlung.
463. **Waits, Theodor.** Allgemeine pädagogik. Neue ausgabe. 2. aufl. Langensalta, Schulbuchhandlung von F. G. L. Gressler, 1910. xii, 445 p. 12°.
464. **Waldorf, Lee.** The pedagogy of the recitation. Ohio educational monthly, 59: 221-24, May 1910.
465. **Welton, James.** Principles and methods of teaching. 2d ed., rev. & enl. London, W. B. Clive, 1909. xxv, 677 p. 12°.
 Contains bibliographies.
 "As it stands, we may say that no more valuable account of the practice of teaching has been published for elementary teachers."—Journal of education (London), September 1910, p. 614.
466. **Ziegler, Theobald.** Allgemeine pädagogik; sechs vorträge. 3. aufl. Leipzig, B. G. Teubner, 1909. viii, 148 p. 12°. (Aus natur und geisteswelt . . . 33. bänden.)
 "Literatur:" p. [143]-144.

METHODS OF STUDY

467. **Eerhart, Lida B.** Teaching children to study. Boston, New York and Chicago, Houghton-Mifflin company [1909] xi, 181 p. 12°. (Riverside educational monographs, ed. by H. Suzzallo)
 "This little work discusses the nature of logical, inductive and deductive study, the relation of rational to text-book study, discusses the question whether children have the ability to study logically, are and can be taught to do so, and contains suggestions for the training of children. To us the book seems extremely abstract and made from reading books rather than from knowledge of children."—Pedagogical seminary, September 1909, p. 424.
468. **McMurry, Frank M.** How to study and teaching how to study. Boston, New York and Chicago, Houghton Mifflin company, 1909. 324 p. 8°.
 An illuminating treatment of an important but hitherto neglected phase of education. Discusses present methods of study, and nature of the principal factors in study, under the following heads: Specific purpose, Supplementing thought, Organization of ideas, Judging the soundness and general worth of statements, Memorizing, Using ideas, Proper attitude toward knowledge, Individuality.
 "This book is in danger of being adversely criticized for its unscientific basis, and for its non-technical character. But Professor McMurry wrote this as a personal letter to the rank and file of public school teachers to meet their immediate needs."—Educational review, May 1910, p. 535.

EDUCATIONAL PSYCHOLOGY

469. **Arnold, Felix.** Attention and interest; a study in psychology and education. New York, The Macmillan company, 1910. viii, 272 p. 12°.

"This book discusses attention from its objective and psychological aspects, interest from the ideal point of view, and education from the standpoint of attention and interest in the school-room."—Elementary school teacher, June 1910, p. 519.

"It aims to 'clarify and arrange the many facts that have been brought to light in the psychological laboratories' on its subjects. But this task has fallen considerably beyond the author's competency, as it exceeds the power of every living psychologist."—Nation, April 28, 1910, p. 430.

470. **Betts, George H.** The distribution and functions of mental imagery. New York, Teachers college, Columbia university, 1909. 99 p. 8°; (Teachers college, Columbia university. Contributions to education, no. 26)

—An examination of the mental processes involved in what the author terms voluntary and spontaneous imagery.

471. **Brown, William.** Educational psychology in the secondary school. Journal of philosophy, psychology, and scientific methods, 7 : 14-18, January 6, 1910. Paper read before the British psychological society.

472. **Buchner, Edward Franklin.** Psychological progress in 1909. Lancaster, Pa., Review publishing company, 1910. 16 p. 8°. Reprinted from Psychological bulletin, v. 7, no. 1, January 15, 1910.

473. **Colvin, Stephen S.** Some facts in partial justification of the so-called dogma of discipline. Urbana-Champaign, Ill., The University [1909] 29 p. 8°. (University of Illinois. School of education. Bulletin no. 2)

474. ——— and **Myers, E. J.** The development of imagination in school children and the relation between ideational types and the retentivity of material appealing to various sense departments. Psychological review, 11 : 85-126, November 1909.

Bibliography: p. 125-26.

475. **Dewey, John.** How we think. Boston, D. C. Heath & co., 1910. vi, 224 p. 12°.

A statement of the author's conviction that a scientific attitude of mind is needed in teaching children, especially in early childhood, also a criticism of present defects in educational aims.

"The book is eminently one for the teacher in service and for the student of educational theory. It is a model in concise and systematic presentation, and is written in Dewey's best style, abounding in picturesque comparisons and concrete examples."—Education, June 1910, p. 704.

476. **Heck, William H.** Mental discipline and educational values. New York, John Lane co., 1909. 147 p. 12°.

"This book presents in short compass a well-balanced and useful statement of the present status of the old problem of mental discipline. . . . The book is largely one of quotations rather than of original discussion, but will be found of value for classroom work because its choice and statement of material is excellent."—School review, December 1910, p. 701-2.

477. **Lavrand, H.** Rééducation physique et psychique. Paris, Bloud & cie., 1909. 121 p. 12°. (Bibliothèque de psychologie expérimentale et de métapsychie: R. Meunier, directeur)

478. **De Bon, Gustave.** Psychologie de l'éducation. Rev. & corr. ed. Paris, E. Flammarion, 1909. xiv, 302 p. 12°.

479. **Lipmann, Otto.** Grundriss der psychologie für pädagogen . . . Leipzig, J. A. Barth, 1909. vi, 100 p. 8°.

Bibliography: p. iv-vi.

480. **Morgan, C. Lloyd.** Psychology for teachers. New ed. rewritten, 4th impression. London, E. Arnold, 1909. xii, 307 p. 12°.

481. Münsterberg, Hugo. *Psychology and the teacher*. New York and London, D. Appleton and company, 1909. 330 p. 12°.
 "Utilizing the association which modern education recognises between psychology and the teacher, Professor Münsterberg arranges in systematic form his ideas of what teachers should know and feel. It is largely advice, partly sermonizing, together with some sound exposition of wholesome texts."—*Dial*, November 1, 1909, p. 338.
482. Natorp, Paul. *Sozialpädagogik; theorie der willenserziehung auf der grundlage der gemeinschaft*. 3. verm. aufl. Stuttgart, F. Frommann (E. Hauff) 1909. 402 p. 8°.
483. Osuna, Andrés. *Elementos de psicología pedagógica*. Nashville, Tenn., Smith y Lamar, 1910. xi, 316 p. 12°.
484. Partridge, George E. *An outline of individual study*. New York, Sturgis & Walton company, 1910. 240 p. 12°.
485. Payot, Jules. *The education of the will; the theory and practise of self-culture*; tr. by S. E. Jelliffe from the 30th French ed. New York, Funk & Wagnalls, 1909. 424 p. 12°.
 A treatise for general readers on the psychology of the will. Methods of education of the will are meditative reflection; private reflection, or acquaintance with one's personality; regard to bodily hygiene, work and intellectual activity, etc.
486. Bowe, Stuart H. *Habit-formation and the science of teaching*. New York [etc.] Longmans, Green, and co., 1909. 308 p. 8°.
 "The design of this book is twofold: first, to present in scientific form the relation of habit to education; and secondly, to treat the subject of habit-formation in a way that will render practical assistance to the teacher, the supervisor, the parent, and the clergyman."—Pref.
 "The most elaborate pedagogical school treatment of habit available."—*Journal of education*, November 18, 1909, p. 523.
487. Sinclair, Samuel Bower and Tracy, Frederick. *Introductory educational psychology; a book for teachers in training*. Toronto, The Macmillan company of Canada, Ltd., 1909. 180 p. 12°.
488. Thorndike, Edward L. *The contribution of psychology to education*. *Journal of educational psychology*, 1: 5-12, January 1910.
489. ———. *Educational psychology*. 2d ed., rev. and enl. New York, Teachers College, Columbia university, 1910. 248 p. 8°.
 "The book is characterized by a keen sense for facts, as well as by insistence on adequate statistical treatment."—*Psychological bulletin*, October 15, 1910, p. 342.
490. Winch, W. H. *Some measurements of mental fatigue in adolescent pupils in evening schools*. *Journal of educational psychology*, 1: 13-23, January 1910.

CHILD STUDY

491. *Child conference for research and welfare*. Proceedings of the Conference . . . held at Clark university in connection with the celebration of its twentieth anniversary, Worcester, Mass., July 6-10, 1909. New York, G. E. Stechert & co. [1909] xvi, 257 p. 8°.
492. Binet, Alfred. *Les idées modernes sur les enfants*. Paris, E. Flammarion, 1909. 346 p. 12°. (Bibliothèque de philosophie scientifique)
 CONTENS.—But de ce livre.—D'enfant à l'école.—Le corps de l'enfant.—Vision et audition.—L'intelligence: sa mesure, son éducation.—La mémoire.—Les aptitudes.—La parenté et l'éducation morale.—Conclusion.
493. Bobbitt, John Franklin. *The growth of Philippine children* . . . [Worcester, Mass., 1909] 34 p. 8°.
 "Reprinted from the *Pedagogical seminary*, June 1909, vol. xvi, p. 2-34."

494. **Craddock, Mrs. H. C.** The training of children from cradle to school; a guide for young mothers, teachers and nurses. London, G. Bell and sons, 1909. 91 p. 12°.
A book which aims to give advice based on a sound psychological and physiological basis, while being neither too "learned" nor too long.
495. **Cramer, A.** Pubertät und schule. Leipzig & Berlin, B. G. Teubner, 1910. 16 p. 8°. (Schriften des deutschen ausschusses für den mathematischen und naturwissenschaftlichen unterricht, v. 4)
496. **Droescher, Lili.** Das kind im hause, mit 10 abbildungen im text. Leipzig und Berlin, B. G. Teubner, 1910. 65 p. 12°. (Kleine beschäftigungsbücher für kinderstuben und kindergärten, hrg. von Lili Droescher, 1)
497. **Hall, G. Stanley.** General outline of the new child study work at Clark university. Pedagogical seminary, 17: 160-65, June 1910.
498. **Heron, David.** The influence of defective physique and unfavourable home environment on the intelligence of school children. London, Dulau & co., 1910. 60 p. 8°. (University of London. Francis Galton laboratory for national eugenics. Eugenics laboratory memoirs, viii)
499. **Kirkpatrick, Edwin A., ed.** Studies in development and learning; contributions from the department of psychology and child study in the Fitchburg normal school, made by the advanced class of 1907. New York, The Science press, 1909. 101 p. 8°.
500. **McAndrew, William.** The education of the adolescent. Teacher, 14: 73-75, March 1910.
501. **Markert, Karl.** Die welt des siebenjährigen. Nürnberg, F. Korn, 1909. viii, 169 p. 8°.
502. **Mendousse, P.** L'âme de l'adolescent. Paris, F. Alcan, 1909. v, 315 p. 8°. (Bibliothèque de philosophie contemporaine)
"Bibliographie": p. 303-9.
503. **Sadler, Michael E.** Education during adolescence. Nature, 82: 325-27, January 13, 1910.

CHILD PSYCHOLOGY

504. **Bäumer, Gertrud and Droescher, Lili.** Von der kindeseesele. Beiträge zur kinderpsychologie aus dichtung und biographie. Gekürzte schulausgabe zum gebrauch in seminaren und frauenschulen. Leipzig, R. Voigtländer, 1909. 288 p. 8°.
505. **Brewer, Dustin.** The mind of the child. Kindergarten, 22: 74-77, November 1909.
506. **Bruce, Henry A. B.** Bending the twig: the education of W. J. Sidis. American magazine, 69: 690-95, March 1910.
507. **Claparède, Ed.** Psychologie de l'enfant et pédagogie expérimentale. 3d ed. Genève, Kündig, 1909. viii, 282 p. 12°.
"Littérature": p. 274-78.
Treats of mental development and mental fatigue of the child. It is not intended to be exhaustive, but rather to serve as an introduction to child study.
508. **Cramussel, Edmond.** Le premier éveil intellectuel de l'enfant. Paris, F. Alcan, 1909. ix, 200, [2] p. illus. 12°. (Bibliothèque de philosophie contemporaine)

509. **Formigini-Santamaria, E.** *La psicologia del fanciullo normale ed anormale, con speciale riguardo alla educazione.* Modena, A. F. Formigini, 1910. viii, 384 p. 8°.
510. **Higgs, Mary.** *The evolution of the child mind.* London, Froebel society of Great Britain and Ireland, 1910. 67 p. 12°.
511. **Stern, Clara and Stern, William.** *Erinnerung, aussage und löge in der ersten kindheit.* Leipzig, J. A. Barth, 1909. 170 p. (Monographien über die seelische entwicklung des Kindes, 2)
"Bibliographie": p. 153-158.
512. **Tracy, Frederick and Stimpfl, Joseph.** *The psychology of childhood.* 7th ed., rev. and enl. Boston, D. C. Heath & co., 1909. 219 p. 12°.

PLAYS, GAMES, ETC.

513. **Appleton, Lilla Estelle.** *A comparative study of the play activities of adult savages and civilized children.* Chicago, University of Chicago press, 1910. vii, 94 p. 8°.
"Bibliography": p. 83-84.

KINDERGARTEN, AND PRIMARY EDUCATION

514. **International kindergarten union.** *Proceedings of the sixteenth annual meeting, Buffalo, N. Y., April 26-30, 1909.* Rochester, New York, E. R. Andrews printing co. [1909] 176 p. 8°.
Contains: 1. Percival Chubb: The child as a literary personage, p. 68-74. 2. J. A. MacVannel: Children's literature—principles of selection, p. 74-87. 3. C. A. Scott: Social education and the kindergarten, p. 89-114. 4. W. H. Burnham: The hygiene of the kindergarten, p. 147-57. 5. Alice E. Fitts: The aesthetic problem in the kindergarten room, p. 158-67.
515. ———. *Proceedings of the seventeenth annual meeting, St. Louis, Mo., April 27-29, 1910.* [Woburn, Mass., The Andrews print, 1910] 246 p. 8°. (Ella C. Elder, corresponding secretary, Buffalo, N. Y.)
Contains: 1. Report of the Committee on foreign correspondence, p. 34-45. 2. Mrs. A. G. Spencer: The changing population of our large cities, p. 54-65. 3. Hortense Orcutt: The kindergarten and the family of the little foreigner, p. 65-69. 4. F. A. Manny: The process of Americanization in the kindergarten and the school, p. 69-75. 5. E. D. Starbuck: Unconscious education, p. 83-94. 6. Laura Fisher: Froebel and discipline, p. 94-101. 7. Stella L. Wood: Common sense and discipline, p. 101-10. 8. G. E. Johnson: The renaissance of play, p. 111-23. 9. Susan E. Blow: The service of Dr. W. T. Harris to the kindergarten, p. 123-43 (Kindergarten review, 20: 589-603, June 1910). 10. Emilie Poulsson: A history of the story in kindergarten, p. 157-65. 11. Patty S. Hill: The history of the kindergarten song in America, p. 165-82. 12. Mabel A. Wilson: The work of Clara Beeson Hubbard, p. 182-87. 13. Jane Hoxie: The development of the occupations, p. 188-206. 14. Lucy Wheelock: The changing and permanent elements in the kindergarten, p. 206-18 (Kindergarten review, 20: 603-11, June 1910). 15. Walter Sargent: The beginnings of art in the kindergarten, p. 218-24. 16. Mrs. F. E. Clarke: The beginnings of musical art in the kindergarten, p. 224-38.
516. **Abbot, Julia Wade.** *The use of materials in the kindergarten.* Kindergarten-primary magazine, 22: 274-79, May 1910.
517. **Abb, Isaac A.** *An inquiry into the status of the kindergarten.* [New York, 1909] 23 p. 8°.
Reprinted from Archives of pediatrics, v. 26, no. 4, April 1909.
518. **Burnham, William H.** *The hygiene of the kindergarten.* Kindergarten review, 19: 590-99, June 1909.
Address given at International kindergarten convention, Buffalo, April 1909.
519. **Hatle, H. Lyell.** *The International congress at Brussels.* Kindergarten-primary magazine, 22: 265-67, May 1910.
The third International congress for home education from the point of view of the kindergarten.

520. Earle, E. Lyell. Notes on kindergarten theory and practice. Kindergarten-primary magazine, 22: 1-4, 35-38, 69-74, 175-77, September, October, November 1909, February 1910.
Bibliography: p. 74.
521. [Eaton, Ethel Mason] Kindertartens in the public schools. New York city, The Public education association [1909] 20 p. 24°.
Signed: Ethel Mason Eaton.
522. Falfofer, Fanny. Guida pedagogica per le maestre degli asili d'infanzia e le allievementre che frequentano il corso froebelfiano. Firenze, R. Bemporad e figlio, 1910. vii, 228 p. 16°.
523. Fernández y Fernández-Navamuel, Manuel and Retortillo y Tornos, Alfonso. La primera enseñanza. Madrid, Librería de los sucesores de Hernando, 1910. 253 p. 12°.
524. Hayward, Frank H. The primary curriculum. London, Ralph, Holland & co., 1909. 465 p. 12°.
525. Hufford, Lois Grosvenor. Free kindertartens in Indianapolis. Atlantic educational journal, 5: 296, 298, April 1910.
526. Kindertartens problems; The materials of the kindertartens, by John Angus MacVannel . . . The future of the kindertartens, by Patty Smith Hill . . . [New York, Columbia university press, 1909] 56 p. 8°. (Teachers college record . . . vol. 10, no. 5)
527. Manny, Frank A. The kindertartens and after. Kindertartens review, 20: 525-30, May 1910.
528. ——— The process of Americanization in the kindertartens and the school. Kindergarten-primary magazine, 22: 300-1, 323-25, June 1910.
Read at International kindertartens union, St. Louis, Mo., April 1910.
Also in Kindertartens review, 20: 612-16, June 1910.
529. Montessori, Maria. Il metodo della pedagogia scientifica, applicato all'educazione infantile nelle case dei bambini. Castello, S. Lapi; Roma, M. Bretschneider, 1909. 283 p. plates. 4°.
530. Newman, Carrie S. The kindertartens in the home; a book for parents and for all interested in child-training. Boston, L. C. Page & company, 1909. 259 p. 12°.
531. Palmer, Luella. The place and function of the kindertartens as an institution. Pedagogical seminary, 16: 557-62, December 1909.
532. Parkinson, William D. The place of the kindertartens in public education. Kindertartens review, 20: 65-77, October 1909.
Address given at American institute of instruction, Castine, Maine, July 7, 1909.
533. Parlin, Frank E. The kindertartens of the future. Kindertartens review, 20: 333-45, February 1910.
534. Plaisted, Laura L. The early education of children. Oxford, Clarendon press, 1909. 398 p. 12°.
"Its purpose is to present some exposition of principles and some examples of work which may be helpful to the young teacher and to others who, owing to the conditions and circumstances of their own work, have too little opportunity for comparative study of educational practice. Every principle laid down and every method advocated has stood the test of practical work."—Pref.
535. Shields, Thomas Edward. The new demand on the primary school. Catholic university bulletin, 15: 754-63, December 1909.
536. ——— Primary methods. Catholic university bulletin, 16: 375-82, April 1910.

537. Tyler, John M. The kindergarten child. Kindergarten review, 20 : 269-76, January 1910.
538. Wiebe, Edward. Golden jubilee edition of The paradise of childhood. A practical guide to kindergartners. Ed. by Milton Bradley. Rev. by J. B. Merrill . . . including a life of Friedrich Fröbel by H. W. Blake . . . Springfield, Mass., New York [etc.] Milton Bradley co., 1910. xiv, 308 p. 8°.

ELEMENTARY OR COMMON SCHOOL EDUCATION

539. Amoroso, Pietro. Fine e misura nell' insegnamento elementare. (Questioni di didascologia generale) Ed. riveduta. Napoli, M. d'Auria, 1909. 37 p. 8°.
540. Dinamore, John Wirt. Teaching a district school; a book for young teachers . . . with a supplement on playtime in the public schools and study questions. New York, Cincinnati [etc.] American book company [c1910] 284 p. 12°.
- Intended for the inexperienced country school teacher, who can not attend teachers' meetings; who, without books or journals bearing upon his problems, lacks all the advantages possessed by the town teacher.
541. Harris, M. O'Brien. The rank and file in our public schools. Pedagogical seminary, 16 : 305-13, September 1909.
542. Parker, S. Chester. Our inherited practice in elementary schools. Elementary school teacher, 10 : 75-85, 139-48, 228-39, 388-400, October, November 1909, January, April 1910.
543. Perry, Arthur Cecil, jr. Problems of the elementary school. New York, Chicago, D. Appleton and company, 1910. vii, 223, [1] p. illus. 12°.
- Part 1: Problems in organization. Part 2: Problems in method and management.
544. Rude, Adolf. Methodik des gesamten volkschulunterrichts, unter besonderer berücksichtigung der neueren bestrebungen. Evangelische ausgabe. 7. (Band 2) 8. (Band 1) verb. auß. Osterwieck (Harz) und Leipzig, A. W. Zickfeldt, 1910. 2 v. 8°. (Der bücherschatz des lehrers, hreg. von K. O. Beetz und Ad. Rude. Band 8, 9)
- Contains new material on the method and reform of religious instruction, with bibliographies.
545. Simonson, E. B. D. Some things the school should teach the child. Missouri school journal, 27 : 246-351, August 1910.
546. Whitfield, H. L. Standards in education. Mississippi school journal, 14 : 23-29, December 1909.

RURAL SCHOOLS

547. Conference for the study of the problems of rural life. 2d, Charlottesville, Va., 1909. Addresses delivered at the University of Virginia summer school in connection with the Conference for the study of the problems of rural life, July 13-16, 1909. [Charlottesville, Va., The Michie company, printers, 1909] 98 p. 8°.
548. ——— 3d, Charlottesville, Va., 1910. Addresses delivered at the University of Virginia summer school in connection with the Conference for the study of the problems of rural life, July 13-15, 1910. Charlottesville, Va., The University of Virginia press [1910] [225]-335 p. 8°. (University of Virginia. Alumni bulletin, 3d series, vol. III, no. 3)
- Contains: 1. L. H. Bailey: The outlook to rural progress, p. 229-40. 2. J. F. Duggar: The aim in teaching agriculture, p. 240-46. 3. Neale S. Knowles: Domestic science in rural districts, p. 246-52. 4. J. D. Eggleston, jr.: Consolidation and transportation in Virginia, p. 262-64. 5. Edith O. Salisbury: Practical results in cooking and sewing, p. 276-80. 6. B. H. Crocheron: Community work in the one-teacher rural school, p. 280-84. 7. I. O. Schaub: Boys' corn clubs, p. 287-88. 8. Kate P. Minor: Relation of the library to the school, p. 294-303. 9. D. J. Crosby: Connecting public school agriculture with the business of farming, p. 303-6. 10. W. H. Hand: The agricultural high school, p. 306-6. 11. K. C. Davis: Development of agricultural teaching in Virginia, p. 306-11. 12. S. Bishop: The challenge before us in the school, p. 306-11.

549. The autobiography of a country school teacher. *World's work*, 20: 12857-67, 13077-80, 13158-64, May, June, July 1910.
Articles in May and June numbers are by H. Gard and F. W. C. Dew respectively.
550. Bailey, Liberty Hyde. The training of farmers. New York, The Century co., 1909. 263 p. 12°.
551. Benson, O. H. Rural school contests. *Journal of education*, 70: 633-34, December 16, 1909.
552. Burnham, Ernest. A study of rural school efficiency in Kalamazoo county, Michigan. Kalamazoo, Mich., State superintendent of public instruction, 1909. 39 p. 8°. (Michigan. Dept. of public instruction. Bulletin no. 4)
553. Carney, Mabel. The farm problem and its solution. *Atlantic educational journal*, 5: 263-64, 266, March 1910.
554. Derthick, F. A. Rural schools. *Ohio teacher*, 30: 344-46, March 1910.
Report of the committee on rural schools made before the Ohio school improvement federation, December 29, 1909.
555. Foght, Harold Waldstein. The American rural school; its characteristics, its future, and its problems. New York, The Macmillan company, 1910. 361 p. 12°.
"Mr. Foght has done his work thoroughly well; he knows the facts and is capable of interpreting them from the standpoint of a professional teacher. He gives in one volume a summary of the discussions by competent leaders on the subjects of organization, administration, maintenance, supervision, training, salaries of teachers, sanitation, aesthetic problems, gardens, clubs, manual training, libraries, hygiene, and consolidation."—*Dial*, August 10, 1910, p. 96.
556. Graham, Albert B. The country schools of Ohio. Columbus, Ohio state university, 1910. -40 p. illus. 8°. ([Ohio state university, Columbus. College of agriculture and domestic science] The Agricultural college extension bulletin. v. 5, no. 6; February 1910)
557. Hays, Willet M. Education for country life. Washington, Government printing office, 1909. 40 p. illus. 8°. (U. S. Dept. of agriculture, Office of experiment stations. Circular 84)
Address delivered before the Minnesota educational association.
CONTENTS.—Introduction.—Articulated organization of schools for country life.—County system of consolidated rural schools, or the farm school.—Agricultural high school.—Financing consolidated rural schools in Minnesota.
558. ——— An education that is suited for country life. *Pennsylvania school journal*, 58: 195-206, November 1909.
Address given with stereopticon views before the Minnesota educational association. Continued from Circular 84 of the U. S. Department of agriculture.
559. Illinois. Department of public instruction. The one-room country schools in Illinois. Springfield, Ill., Illinois state journal co., state printers, 1910. 92 p. 8°. (Circular no. 51)
Issued by the Department of public instruction, Francis G. Blair, superintendent.
560. Powell, Susie V. Needs of one-room rural school-leadership. *Mississippi school journal*, 14: 1-4, November 1909.
561. Schaeffer, Nathan C. Supervision of rural schools. *Pennsylvania school journal*, 58: 165-66, October 1909.
562. Souder, Myron T. Play days for country schools. *Outlook*, 92: 1031-33, August 28, 1909.

563. **Snyder, Edwin B.** The legal status of rural high schools in the United States, with special reference to the methods employed in extending state aid to secondary education in rural communities. New York city, Teachers college, Columbia university, 1909. 225 p. 8°. (Teachers college, Columbia university. Contributions to education, no. 24)
564. **Stewart, Joseph Spencer.** The readjustment of the rural school curriculum to present needs. An address read before the Farmers' conference, State college of agriculture, Athens, Ga., January 20th, 1909. Summary of attendance laws and statistics resulting from such legislation. The Davis bill and other legislation. [n. p., 1909] 15 p. 12°.
565. **Winship, A. E.** Ideal rural school work. American primary teacher, 33: 125-27, December 1909.
566. **Zeller, John W.** Education in the country for the country. Ohio educational monthly, 59: 161-67, April 1910.
An address read by the State commissioner of common schools before the Department of superintendence, National education association, Indianapolis, March 1, 1910. Also in its Proceedings, p. 107-14. Discussion, p. 114-15.

CURRICULUM

567. **Brooks, Eugene Clyde.** A comparison of school systems. (Durham, N. C.) Department of education. [Raleigh, N. C., Edwards & Broughton printing co., 1910?] 23 p. 8°.
Also in North Carolina association of city public school superintendents and principals. Proceedings, 1910. p. 74-94.
568. **Burch, Henry Reed.** The economic and social side of the school curriculum. Teacher, 13: 205-8, 237-41, September, October 1909.
569. **Cleveland, O. Board of education.** Preliminary report on simplified course of study. Cleveland public schools. (William H. Elson, superintendent.) Cleveland, The Board of education, 1909. 40 p. 8°.
Contains development of course of study since 1836, status of present course as compared with earlier conditions and other cities, opinions of representative citizens and elementary school principals; simplification by elimination of studies, by selection of topics, by revaluation, and by correlation; conclusions and recommendations.
570. — The three R's; improvement in them; place in present course of study. Cleveland public schools. Cleveland, The Board of education, 1909. 30 p. 8°.
Report of superintendent of schools, W. H. Elson, to the Board of education.
571. **Elson, William H. and Bachman, Frank P.** Different courses for elementary schools. Educational review, 39: 357-64, April 1910.
572. — The old vs. the new three R's. Education, 30: 571-81, May 1910.
573. — Studies and study-values in elementary schools of large cities. Elementary school teacher, 10: 309-15, March 1910.
574. **Kandel, I. L.** Economy in the elementary-school curriculum. Journal of education (London) n. s. 32: 111-13, February 1910.
575. **Stockton, J. L.** Economy in time in the course of study. Atlantic educational journal, 5: 165-66, 205-6, 208, January, February 1910.

Reading

576. **Barhart, Lida B.** Teaching reading in the intermediate and grammar grades. Atlantic educational journal, 5: 85-86, 132-33, 142, November, December 1909.
577. **Hughes, James L.** Teaching to read. New York, A. S. Barnes and company, 1909. 124 p. 12°.

578. **Kenyon-Warner, Ellen E.** What should the basic primer contain? School work, 8 : 410-15, February 1910.
579. **Schwender, Jakob.** Die wichtigsten ergebnisse der experimentellen untersuchungen über das lesen. Leipzig, O. Nemnich, 1910. 56 p. tables, diagrs. 8°.
- Sonderabdruck aus der "Zeitschrift für experimentelle pädagogik, psychologische und pathologische kinderforschung" hrg. von prof. E. Meumann, Halle (Saale) ix. bd., hft. 3/4.

Literature

580. **Rüttgers, Severin.** Über die literarische erziehung als ein problem der arbeitsschule; ein beitrage zur reform des sprachunterrichts und der lesebücher und zu einem leseplan für die deutsche jugend. Leipzig und Berlin, B. G. Teubner, 1910. ix, 156 p. 8°.
- "Its aim is to develop literary taste in boys and girls of school age. It is written for teachers in the primary and secondary schools of Germany, and it may be heartily recommended to American teachers of English and foreign literature as a means of learning from the experience of German teachers in similar lines of work."—School review, November 1910, p. 650.
581. **Shields, Thomas Edward.** Literature in the primary grades. Catholic university bulletin, 16 : 44-69, 150-75, January, February 1910.
- Play readers, p. 47-48; nature study readers, p. 48-52; culture epoch readers, p. 52-69; literature readers, p. 150-52; religious readers, p. 153-75.

Composition and Language Study

582. **Hood, Albert C.** Definiteness in the teaching of English. Ohio educational monthly, 59 : 168-71, April 1910.
583. **London county council. Education department.** Report of a conference on the teaching of English in London elementary schools. London, Printed by Southwobd, Smith & co., ltd. [1909] 70 p. 8°.
- "This report is an interesting and valuable discussion of the whole problem of the teaching of English in the elementary schools of London. Its tone is partly deliberative and suggestive, but it comes with a weight of authority that makes it, presumably, mandatory . . . The whole report is characterized by an admirable breadth, thoroughness and sanity."—Educational review, November 1910, p. 419-22.
584. **McCloy, John A.** Elementary laboratory-work in English. Catholic university bulletin, 15 : 727-39, December 1909.
585. **Schmidt, Emil.** Die sprachliche entwicklung des kindes als grundlage eines naturgemässen unterrichts in der muttersprache. Gotha, E. J. Thiene-mann, 1909. 88 p. 8°. (Beiträge zur lehrerbildung und lehrerfortbildung, v. 43)
586. **Taylor, Joseph S.** Word study in the elementary school. Boston, New York [etc.] Educational publishing company [c 1910] ix, 177 p. 8°.
587. **Yates, Josephine Silone.** English in the grammar grades; or, The teaching of English preparatory to the high school or normal course. Missouri school journal, 27 : 146-51, April 1910.

Languages

588. **Ormerod, H. Nora.** The humanities for children of eight to nine years. Journal of education (London) n. s. 32 : 275-77, April 1910.
- A plan of work adopted in the Fielden demonstration schools, Manchester.

History

589. **American historical association. Committee of eight.** The study of history in the elementary schools. Report to the Association. New York, Charles Scribner's sons, 1909. 141 p. 8°.
- Contains topical outlines of history courses for the eight grades, with material on the preparation of the teacher and method. This report, which is the product of a concerted effort to emerge from the hopeless diversity that characterizes our history teaching, has reached its present form through much consideration and discussion.
590. **Cook, Albert A.** Lower form and primary school history. *Journal of education* (London) n. s. 32: 250-52, 366-68, April, June 1910.
591. **Heermans, Josephine.** History in the elementary school. *Education*, 30: 98-111, October 1909.
592. **Kemp, Ellwood W.** An outline of history for the grades. Boston [etc.] Ginn & company [1909] 352 p. 12°.
- "Two chief ends have been aimed at: first, to present a plan of work which will, if followed by the teacher, tend to develop in her mind a real sense of history,—of its growth and unity; second, to suggest such material for the use of pupils as will tend to develop in their minds the true historic sense and lift them from grade to grade into ever wider and richer historical views."—Pref.
593. **Taylor, Joseph S.** The meaning and the method of history in the elementary school. *Educational foundations*, 21: 17-24, 78-87, September, October 1909.

Geography

594. **Archer, Richard Lawrence, Lewis, W. J. and Chapman, A. E.** The teaching of geography in elementary schools. London, A. and C. Black, 1910. vii, 255 p. 12°.
- "Books and apparatus": p. 229-41.
- Does not aim to be original, but attempts to apply the newer conceptions of geography to the methods used in elementary schools, so that teachers may realize that geography is a study of the effect of natural agencies on human affairs.
595. **Lewis, G. G.** Typical school journeys; a series of open-air geography and nature studies. London [etc.] Sir I. Pitman & sons, ltd. [1909] 140 p. 12°.
596. **Matthews, E. C.** A study in practical geography. *Journal of education* (London) n. s. 31: 737-39, November 1909.
597. **Phillips, C. A.** The development of methods in teaching modern elementary geography. *Elementary school teacher*, 10: 427-39, 501-15, May, June 1910.
- "Sources of quotations": p. 438-39, 515.
598. **Scherer, H., ed.** *Geographieunterricht*. Leipzig, E. Wunderlich, 1910. 210 p. 8°. (Führer durch die strömungen auf dem gebiete der pädagogik und ihrer hilfswissenschaften, 6. hft.)
599. **Schlockow, Oswald.** The teaching of geography. *School work*, 8: 235-39, November 1909.
600. **Sutherland, William J.** The teaching of geography. Chicago, Scott, Foresman and company [1909] 295 p. 12°.
- Part 3, "Practical suggestions," contains much useful material, among which the chapter on "The value of magazine articles and government publications in teaching geography," deserves special attention.
601. **Termaat, Minnie Ines.** The pedagogy of geography. *Moderator-topics*, 30: 87-88, October 7, 1909.

Nature Study and Science

602. **American nature-study society.** Proceedings of third annual meeting, held at Massachusetts institute of technology, Boston, Mass., January 1, 1910. Nature-study review, 6: 1-2, January 1910.
Same periodical also contains paper on "Physical nature-study," read at meeting by J. F. Woodhull, p. 5-10.
603. **Allison, Andrew.** Nature study in the one-teacher school. Mississippi school journal, 14: 1-3, March 1910.
604. **Bailey, Liberty H.** The nature-study idea; an interpretation of the new school-movement to put the young into relation and sympathy with nature. 3d ed., rev. New York, The Macmillan company, 1909. 246 p. 12°.
The author now professes a deeper conviction than ever that the method and point of view of the nature-study people are bound to exercise great influence in redirecting our education. He has a growing feeling that the nature-study method is not only a public-school process, but that it is equally needed in colleges and universities for all unspecialized students.
605. **Bishop, E. C.** Nature-study in rural schools. Nature-study review, 5: 168-77, October 1909.
606. **Bowdiah, B. S.** Bird study in schools. School arts book, 9: 695-704, March 1910.
607. **Charles, Fred L.** Agricultural nature-study as exemplified in the school garden. Nature-study review, 6: 87-92, April 1910.
608. **Hoare, J. W.** How to teach nature study. A practical working guide for teachers. London, Sidgwick and Jackson, 1910. xxii, 310 p. 8°.
609. **Holtz, F. L.** Nature-study in city suburbs. Nature-study review, 5: 197-201, November 1909.
Report of a committee of the New York city section of the American nature-study society, F. L. Holtz, chairman.
610. **Marshall, Ruth.** A course in nature-study for teachers. Nature-study review, 5: 184-89, October 1909.
611. **Rennie, John.** The aims and methods of nature study, a guide for teachers . . . with an introduction by . . . J. Arthur Thomson. London, W. B. Clive, 1910. xvi, 352 p. illus. 12°.

"Glossary of terms used in this work": p. 339-45.
612. **Smith, Grant.** Practicable nature study. Educational bi-monthly, 4: 122-32, December 1909.
613. **Stebbins, C. A.** Correlation in nature-study. Nature-study review, 5: 154-59, September 1909.
614. **Sylvester, Emma.** Nature-study in congested city districts. Nature-study review, 5: 201-9, November 1909.
Report of a committee of the New York city section of the American nature-study society, Emma Sylvester, chairman.

Physiology and Hygiene

615. **Brooks, Sarah C.** Physiology and hygiene. Atlantic educational journal, 5: 250, 280, March 1910.
616. **Stoddard, Cora Frances.** Hygiene and temperance in the primary grades. Scientific temperance journal, 19: 78, 96-96a, 127-28a, January, February, April 1910.
Reprinted from American primary teacher, 29: 66-67, 104-6, October, November 1909.

Arithmetic

617. **Collins, J. V.** How to get greater efficiency in arithmetic. Wisconsin journal of education, 42 : 73-75, 100-3, March, April 1910.
618. **Goldrich, Leon W.** Term plan in arithmetic for all grades. School work, 8 : 239-69, 357-85, November 1909, February 1910.
619. **Gray, John C.** Number by development; a method of number instruction—primary. Philadelphia and London, J. B. Lippincott company [1910] 244 p. 12°.
- "It presents a working outline of a development system for the teacher. . . . This is one of the most thorough and complete works of the kind yet written."—American educational review, June 1910, p. 576.
620. **Smith, David Eugene.** The teaching of arithmetic. New York, Teachers college, Columbia university, 1909. 120 p. 8°.
- Reprinted, with revisions and additions, from the Teachers college record, v. 10, no. 1, January 1909.

Penmanship

621. **Thorndike, Edward Lee.** Handwriting. [New York, Columbia university press, 1910] 93 p. 8°. (Teachers college record. vol. 9, no. 2)
- "Not a method of teaching penmanship, but a description of the means by which a scale may be made for judging the handwriting of children and adult women, and how used; also a statement of facts and questions of importance to which the discovery and use of these scales have led."—Intro.

Art

622. **Colby, Lou Eleanor.** Talks on drawing, painting, making, decorating, for primary teachers. Chicago, Scott, Foresman & co., 1909. 143 p. illus., plates. 4°.
623. **Daniels, Fred Hamilton.** School drawing, a real correlation. Springfield, Mass., Boston [etc.] M. Bradley company [1909] 156 p. illus. 8°.
- Indicates method of relating drawing with other school subjects.
624. **Elson, William H. and Bachman, Frank P.** Public school drawing and its relation to industry. School arts book, 9 : 935-45, May 1910.
625. **Wilson, Lucy L. W.** Picture study in elementary schools: a manual for teachers. New York, The Macmillan company, 1909. 2 v. in 1. illus. 12°.
626. **Woodbury, Sarah E.** Dramatization in the grammar grades. Los Angeles, Cal., Baumgardt publishing co., 1909. 56 p. illus. 12°.
- "References on dramatization": p. [45]-49.

Occupations and Busy Work

627. **McGaw, Virginia.** Construction work for rural and elementary schools. Chicago, A. Flanagan company [1909] 125 p. 12°.
628. **Mildren, Nan Langdon.** Seat work for primary grades. [Easton? Md.] 1909. 75 p. 8°.

Music

629. **Bates, Frank.** The best methods of teaching music to children. Parents' review, 21 : 321-33, May 1910.
- Lecture delivered to the Norwich branch of the Parents' national educational union.
630. **Bonferroni, Luigi.** L'insegnamento del canto negli Istituti infantili e nelle scuole elementari; trattato teorico-pratico ad uso delle direttrici di asili infantili e degli insegnanti primari con un'appendice per gli allievi delle scuole normali. Torino [etc.] G. B. Paravia e comp., 1909. xi, 179 p. illus. 8°.

631. **Farnsworth, Charles H.** Education through music. New York [etc.] American book company [1909] 208 p. 12°.

Presents appropriate work for each school year from the first to the eighth, inclusive.

"Both by the soundness of its general principles and by the careful and always practical working out of its details in relation to the successive years of music work in schools, Professor Farnsworth's book is an admirable guide for teachers, and should exert a wide and wholesome influence on our school music-teaching."—*Journal of philosophy, psychology, and scientific methods*, January 20, 1910, p. 51.

632. **Great Britain. Scotch education department.** Memorandum on the teaching of music in Scottish primary schools. London, Printed for H. M. Stationery office, by Eyre and Spottiswoode, Ltd., 1909. iv, 23 p. 8°.

633. **Newton, Elbridge Ward.** Music in the public schools; a manual of suggestions for teachers. Boston, New York [etc.] Ginn and company [1909] vi, 207 p. 8°.

634. **Ormsby, F. B.** Special chorus work in the elementary schools. *Educational bimonthly*, 4 : 253-59, April 1910.

635. **Rix, Frank R.** Voice training for school children. New York, The A. S. Barnes company, 1910. v, 77 p. 12°.

636. **Weakley, Janet.** The teaching of music in schools. *Journal of education* (London) n. s. 32 : 522-23, August 1910.

Agricultural Training

637. **Bunger, Charles S.** Agriculture in elementary schools. *Nature-study review*, 5 : 189-92, October 1909.

638. **Hart, William R.** The place and function of agriculture in the curriculum. *Nature-study review*, 5 : 161-64, September 1909.

639. **Ivins, Lester S.** Agriculture in the public schools; a handbook for teachers. Lebanon, O., March brothers, 1909. 156 p. 12°.

640. **Lewis, L. L.** Agriculture in the public schools. *American school board journal*, 39 : 7, July 1909.

641. **Macfeat, Minnie.** Elementary agriculture and school gardening at Winthrop. Rock Hill, S. C., The Record press, 1910. 40 p. 8°. (Winthrop normal and industrial college of South Carolina. Bulletin, v. 3, no. 4, April 1910)

SECONDARY EDUCATION

642. **High school teachers' association of Los Angeles.** First annual report of the executive committee, June 1910. [Los Angeles, Cordrey printing co., 1910] 36 p. 8°. (Mae McKinley, secretary)

Contains: Report of the Committee on the break between the elementary and the high schools, p. 5-24.

643. **High school teachers' association of New York city.** Year book, v. 3, 1908-1909. [Brooklyn, N. Y., E. J. Smith co., 1909] 100 p. 8°.

Contains: 1. F. H. Gliddings: The aim and scope of the public high school in the city of New York, p. 10-18. 2. Woodrow Wilson: The meaning of a liberal education, p. 19-31. 3. D. S. Snadden: Should there be a difference in the high school training of boys and girls? p. 32-40. 4. M. F. Goddard: A course of study in high schools with reference to girls who are not being trained for a definite trade, p. 41-44. 5. B. A. Heydrick: The relation of the college entrance requirements to the high school course in English, p. 45-52. 6. Committee on revision of the high school course of study: Preliminary report, p. 53-54. 7. Subcommittee on boys' preparatory course for business: Preliminary report, p. 55-58. 8. Subcommittee on a general course for girls: Preliminary report, p. 59-62. 9. Subcommittee on preparatory course for girls entering business or trades: Report, p. 63-64. 10. Report of the work of the Students' aid committee, p. 65-66.

644. **High school teachers' association of New York city.** Year book, v. 4, 1909-1910. [Brooklyn, N. Y., E. J. Smith co., 1910] 95 p. 8°.
 Contains: 1. The effect of the state examination system on the public high schools of New York city, p. 11-16. 2. Committee on increase of high school accommodations: Report, p. 17-18. 3. Committee on conferences with the colleges: Report, p. 19-21. 4. E. W. Weaver: The vocational adjustment of the children of the public schools, p. 22-31. Bibliography, p. 31. 5. Committee on revision of the high school course of study: Second report, p. 32-35.
645. **Abbott, Alden H.** The non-urban high school in Massachusetts and New York. Educational review, 38 : 344-58, November 1909.
646. **Baldwin, W. A.** The high school: its weaknesses and suggested modifications. Report made to the New England association of school superintendents. Boston, New England publishing company, 1910. 12 p. 12°.
 Reprinted from Journal of education, Boston. Summarizes criticism of high schools under two general heads: 1. The work is too much dominated by colleges. 2. The teaching is not pedagogical. Makes recommendations under four general heads: 1. Standardization. 2. Modification of curriculum. 3. Professional training of teachers. 4. Method.
647. **Davis, John N.** What is the matter with the critics of our high schools? Wisconsin journal of education, 42 : 130-33, May 1910.
648. **Gonzalez, Luis Felipe.** El problema de la segunda enseñanza. Con un prólogo de D. Arturo Pérez Martín. San José, Costa Rica, Imprenta del Comercio, 1910. 57 p. 12°.
649. **Harding, B. F.** Secondary education. Education, 30 : 500-8, April 1910.
650. **Haserot, Francis H.** The mission of the high school in the community. American school board journal, 40 : 3, 27, 29, March 1910.
651. **Johnson, Franklin Winalow.** The social organization of the high school. School review, 17 : 665-80, December 1909.
652. **Judd, Charles H.** On scientific study of high-school problems. School review, 18 : 84-88, February 1910.
653. **McAndrew, William.** High schools for all of us. Educational bimonthly, 4 : 207-21, February 1910.
 "Current objections to high school instruction and suggestions for its improvement."
654. **Parlin, Charles C.** The twentieth century high school. [Oshkosh, Wis., Castle-Pierce press, 1910] 16 p. 12°.
 President's address of the Northeast Wisconsin teachers' association, at Oshkosh, February 4, 1910.
655. **Powell, B. E.** Ages of high school graduates and of University of Illinois students. American college, 2 : 9-12, April 1910.
656. **Sachs, Julius.** Syllabus of a general course on the theory and practice of teaching in the secondary school . . . New York city, Teachers college, Columbia university, 1909. 31 p. 8°. (Columbia university. [Teachers college] Extension syllabi, ser. A, no. 16)
 "References" interspersed.
 CONTENTS.—1. The theory and practice of secondary education in the United States.—2. The teaching of several subject-groups in the secondary school course. A. English; B. History; C. Latin and Greek; D. Modern languages—German and French.
657. **Scott, T. F.** The two-fold function of the high school. Mississippi school journal, 14 : 23-29, March 1910.
658. **Sisson, Edward O.** The genius of the American high school. Educational review, 37 : 29-43, 38 : 469-84, January, December 1909.
 Reprinted as Bulletin of the University of Washington. University studies no. 2. Seattle, Wash., 1910.

659. **Thompson, W. O.** The importance of teaching in the high school. Ohio educational monthly, 59 : 109-15, March 1910.
Read before State association of high school teachers, December 29, 1909.
660. **Young, Ella Flagg.** The public high school. School review, 18 : 73-83, February 1910.

CURRICULUM

661. **Dickson, Virgil E.** The high school curricula in the United States; a comparative study. Olympia, Wash., E. L. Boardman, public printer, 1909. 30 p. 8°. (Washington (State) Dept. of education. High school bulletin, no. 6)
662. **Lull, Herbert G.** The six years high school. Education, 30 : 15-24, September 1909.
663. **Lyttelton, E.** Schoolboys and school work. London [etc.] Longmans, Green, and co., 1909. 140 p. 8°.
An attempt by the headmaster of Eton to set forth a rational curriculum of studies for boys in English secondary schools.
664. **Richardson, Myron W.** Making a high-school programme. School review, 17 : 449-66, September 1909.
665. **Rollins, Frank.** The revision of the syllabus for secondary schools. American education, 13 : 396-400, May 1910.

Languages

666. **Bestetti, Giuseppe.** L'insegnamento della lingua; studio storico, critico, pedagogico. Milano, A. Vallardi, 1910. x, 276 p. 16°

Literature

667. **Fisher, Mary.** The content of the literature course for secondary schools. Missouri school journal, 27 : 98-103, March 1910.

English and Composition

668. **Bleyer, Willard G.** The high school course in English. 3d ed. Madison, University of Wisconsin, 1909. 75 p. 12°. (University of Wisconsin. Bulletin, no. 335. High school series, no. 1)
669. **Gardiner, J. H.** Teaching English in the schools. Outlook, 94 : 626-31, March 19, 1910.
670. **Lewis, W. D.** The teaching of English. Outlook, 94 : 631-33, March 19, 1910.
671. **Palmer, George Herbert.** Self-cultivation in English. Boston, New York [etc.] Houghton Mifflin company [1909] 41 p. 12°. (Riverside educational monographs, ed. by H. Suzzallo)
672. **Pessels, C.** The standardization of the English work of the high school. Texas school journal, 27 : 9-13, December 1909.
673. **Robinson, A. T.** The teaching of English in a scientific school. Science, 30 : 657-64, November 12, 1909.

Modern Languages

674. **Société des professeurs de langues vivantes de l'enseignement public.** Congrès international, Paris, April 14-17, 1909. Compte rendu général publié par les soins de M. Georges Delobel, professeur agrégé au Lycée Voltaire, secrétaire général du Congrès. Paris, H. Paulin & cie., 1909. 847 p. 8°.
Professor Wright, of Harvard university, was the official representative of the United States government at this Congress. Its Transactions contain much material of interest and value to teachers of modern languages.
675. . . . L'enseignement du français, par MM. G. Lanson, G. Rudler, A. Cahen, J. Bezard. Paris, Imprimerie nationale, 1909. 197 p. 8°.
At head of title: Conférences du Musée pédagogique, 1909.
676. **Gideon, A.** The phonetic method in teaching modern languages. School review, 17 : 476-89, September 1909.
677. **Krause, Carl Albert.** The teaching of modern languages in German secondary schools; report to the New York City Superintendent of schools in 1908. [Milwaukee, Wis., National German-American teachers' seminary, 1909] 12 p. 8°.
678. ——— What prominence is to be assigned to the work in speaking the foreign language? Monatshefte für deutsche sprache und pädagogik, 11 : 39-43, February 1910.
Paper read before the New York state modern language association, at Teachers college, Columbia university, New York city, December 30, 1909.
679. **Mahuteaux, A. E.** French as an instrument of culture in schools. Journal of education (London) n. s., 32 : 487-89, July 1910.
680. **Münch, Wilhelm.** Didaktik und methodik des französischen unterrichts. 3., verb. und ergänzte aufl. München, C. H. Beck'sche verlagsbuchhandlung, 1910. 192 p. 8°.

Ancient Languages

681. **Abbot, William F.** Classical clubs for secondary school teachers. Classical journal, 5 : 52-58, December 1909.
Read before the Classical association of New England, Boston, 1909.
682. **Dudley, Elizabeth.** The status of Latin in secondary schools. Ohio educational monthly, 59 : 115-20, March 1910.
683. [**Headlam, James Wycliffe**] The teaching of classics in secondary schools in Germany. Presented to both houses of Parliament by command of His Majesty. London, Printed for H. M. Stationery office, by Wyman and sons, limited, 1910. v, 172 p. 8°. (Great Britain. Board of education. Special reports on educational subjects. v. 20)
CONTENTS.—The origin and history of the reform in classical teaching in Germany, by J. W. Headlam.—Comparison of English and German classical schools, by F. Fletcher.—The method of teaching classics in the reform schools in Germany, by J. L. Paton.
684. **Hecker, Eugene A.** The teaching of Latin in secondary schools. Boston, Schoenhof book company [1909] 129 p. 12°.
685. **McKee, Ralph H.** Latin vs. German. Popular science monthly, 75 : 393-97, October 1909.
686. **Millner, H. L.** The function of Latin in school and college. Educational review, 39 : 257-68, March 1910.

History

687. **American historical association. Conference on history in secondary schools.** Proceedings, ed. by A. C. McLaughlin. *In its Annual report, 1908*, vol. 1. Washington, Government printing office, 1909. p. 63-84.
688. **Association of history teachers of the middle states and Maryland.** [Proceedings of the] sixth annual convention, held in Baltimore, March 13 and 14, 1908. 72 p. 8°. (Henry Johnson, secretary, Teachers college, Columbia university).
Contains: 1. James Bryce: History and geography, p. 7-11. 2. Charles A. Beard: A plea for greater stress upon the modern period, p. 12-15. 3. Robert Maurer: A suggestion for the teaching of English history in connection with medieval and modern history, instead of devoting an entire year to England as a separate subject, p. 16-20. Discussion, p. 27-35. 4. Sarah C. Brooks: The correlation of history with other subjects, p. 36-43. 5. E. B. Mathews: The correlation of history and geography, p. 44-48. 6. C. F. Brown: The correlation of history and English, p. 49-53. 7. H. R. Burch: The correlation of history and economics, p. 54-59. 8. S. E. Berger: The correlation of history and the classics, p. 60-64.
689. **Allen, J. W.** The place of history in education. Edinburgh and London, W. Blackwood and Sons, 1909. 258 p. 12°.
Assuming that a system of education can be based only on agreement as to values, the author, who is Hulsean professor of modern history at Bedford college, University of London, discusses the place of history in a hypothetical system founded on a basis of agreement below all controversies. The book is readable and suggestive.
690. **Coulomb, Charles A.** Aids to the visualization of history. *History teachers' magazine*, 1 : 119-24, February 1910.
An exhibit collected and arranged by Prof. Henry Johnson and Prof. James T. Shotwell, and shown at Teachers' college, Columbia university, N. Y., December 1909.
691. **Keatinge, Maurice W.** Studies in the teaching of history. London, A. and C. Black, 1910. 232 p. 8°.
States how sources like statutes, chronicles, tracts and other documentary material may be used to advantage in the schoolroom, while accepting the lecture method as an indispensable part of instruction.
"Deals with the educational approach to history, and will be found helpful and suggestive by teachers of that subject. We like best of all the paper on Contemporary documents of atmosphere."—*Educational review*, October 1910, p. 313.
692. **Tall, Lida Lee.** Construction work in the teaching of history. I. Fort Mandan. II. Fort Crevecoeur. III. Construction of models. *Atlantic educational journal*, 5 : 287-88, 292, 327-28, 367-68, April, May, June 1910.
693. **Thompson, C. Mildred.** Preliminary report of Committee of five, and other topics discussed at the recent New York conference. *History teachers' magazine*, 1 : 123-29, February 1910.

Civics

694. **Baden-Fowell, Robert Stephenson Smyth.** Scouting for boys; a handbook for instruction in good citizenship. Rev. ed., 2d impression. London, C. A. Pearson, Ltd., 1909. 310 p. 12°.
Bibliographies interspersed.
695. **Drury, Horatio N.** The good citizenship aspect of the teaching of literature in the secondary schools. *American college*, 1 : 475-83, March 1910.
696. **Goodwin, Frank P.** Why teach community civics? *Ohio educational monthly*, 59 : 415-20, August 1910.
697. **Hughes, Edwin Holt.** The teaching of citizenship. Boston, Chicago, W. A. Wilde company [1909] 240 p. 12°.
"This book is not adapted for school pupils . . . but the volume is an expression of the need for the teaching of citizenship, rather than a contribution to its development."—*Survey*, February 12, 1910, p. 733.

698. **Karschensteiner, Georg.** Der begriff der staatsbürgerlichen erziehung. Leipzig, B. G. Teubner, 1910. 62 p.

Economics

699. **Litman, Simon.** Aim of a course in elementary economics. Journal of political economy, 17 : 685-88, December 1909.

Geography

700. **Hubbard, George D.** Geography in the secondary schools. Ohio educational monthly, 58 : 475-81, September 1909.
701. **Stearns, Jane.** A physiography laboratory. Journal of geography, 8 : 84-89, December 1909.

Mathematics

702. **Brookman, Thirumuthis.** High school mathematics. School review, 18 : 20-28, January 1910.
703. **Höfner, Alois.** Didaktik des mathematischen unterrichts. Leipzig & Berlin, B. G. Teubner, 1910. xviii, 509 p. 8°. (Didaktische handbücher für den realistischen unterricht an höheren schulen. Bd. 1)
704. **International commission on secondary mathematics.** Preliminary report. p. [103]-113. 8°. Reprinted from School science and mathematics, February 1909.
705. **International commission on the teaching of mathematics.** Preliminary report of the American commissioners. p. [603]-608. 8°. Reprinted from School science and mathematics, June 1909.
706. ———. Second preliminary report of the American commissioners. [Chicago, Press of School science and mathematics] 1909. 13 p. 8°. (Bulletin no. 2) Also in School science and mathematics, 9 : 777-87, November 1909.
707. **Killing, Wilhelm K. J. and Hovestadt, H.** Handbuch des mathematischen unterrichts. vol. 1. Leipzig und Berlin, B. G. Teubner, 1910. 8°.
708. **Lehmer, D. N.** The place of mathematics in modern education. School science and mathematics, 9 : 638-43, October 1909. Read in part before the mathematical section of the California teachers' association, at San José, December 31, 1909.
709. **Slocum, S. E.** A review of current ideas on the teaching of mathematics. Science, n. s. 30 : 33-43, July 9, 1909. A summary of reports on special topics, assigned in connection with a course for teachers on the history and teaching of mathematics, given by Professor S. E. Slocum at the University of Cincinnati, 1907-8.
710. **Smith, David Eugene.** The International commission on the teaching of mathematics. Educational review, 38 : 507-14, December 1909.
711. **Steuer, W.** Methodik des rechenunterrichts, nebst einem abriß eines unterrichtsganges in der raumlehre. 9., verb. aufl. Bielefeld und Leipzig, Velhagen & Klasing, 1910. 440 p. plans. 8°.
712. **Schwatt, Isaac Joachim.** Some suggestions in the teaching of geometry [n. p., 1909] 22 p. 8°. Paper read at the yearly meeting of the Association of teachers of mathematics in the middle states and Maryland, New York, December 4, 1909. Reprinted from Mathematics teacher, vol. 2, no. 3, March 1910.

713. **Stamper, Alva W.** A history of the teaching of elementary geometry. [New York, 1909] 163 p. 8°. (Teachers college, Columbia university. Contributions to education, no. 23)

Science

714. **Collier, Agnes Bell, Freund, Ida, Meyer, M. T. and Thomas, M. Beatrice.** Science teaching in girls' schools. Journal of education (London) n. s. 32 : 36-38, January 1910.

715. **Hodson, F., ed.** Broad lines in science teaching, with an introduction by M. E. Sadler. London, Christophers; New York, The Macmillan co., 1910. xxxvi, 267 p. 8°.

Written with the purpose of encouraging the scientific habit of mind and scientific way of looking at things in English secondary education; to train pupils to a right habit of investigation and inference.

"The large movement of science teaching in America is well shown by Professor Mann of Chicago. . . . Taken as a whole, this book is a notable contribution to the literature of experimental education."—Educational review, June 1910, p. 100, 101.

716. **Hopkins, Cyril G.** The relation of applied science to education. Science, n. s. 31: 655-59, April 29, 1910.

717. **MacLaurin, Richard C.** Science and education. School review, 18 : 319-25, May 1910.

718. **Mann, C. R.** A needed reform in science teaching. Independent, 67 : 85-89, July 8, 1909.

719. **Peters, Freddie N.** Scientific and mathematical teaching in the future. School science and mathematics, 9 : 751-58, 848-52, November, December 1909.

Presidential address delivered before the fifth annual meeting of the Missouri society of teachers of mathematics and science, at Columbia, Mo., May 1, 1909.

720. **Verworn, Max.** The teaching of natural science in the secondary schools. School science and mathematics, 9 : 813-20, December 1909.

Translation and abstract from Beiträge zur frage des naturwissenschaftlichen unterrichtes an den höheren schulen, Jena, 1904, by B. C. Gruenberg, DeWitt Clinton high school, New York.

721. **White, Jessie.** Science teaching in girls' schools. Journal of education (London) n. s. 32 : 529-31, August 1910.

722. **Whitney, Worrallo.** Relation of pure and applied science respectively to secondary education. School science and mathematics, 10 : 369-81, May 1910.

Read before the Illinois academy of science at Urbana, February 19, 1910.

723. **Woodhull, John Francis.** The teaching of physical science. [New York, Columbia university press, 1910] 82 p. 8°. (Teachers college record, vol. 11, no. 1)

Physics

724. **Eastern association of physics teachers.** Proceedings of the fifty-fourth meeting, Boston, Mass., November 19 and 20, 1909. 37 p. 8°.

Contains: 1. F. G. Jackson, L. G. Smith, J. C. Packard: Some impressions in regard to German schools, p. 2-4, 4-10, 10-14. 2. W. F. Magie: The historic method of teaching physics, p. 26-37.

725. ———— Proceedings of the fifty-fifth meeting, Boston, Mass., Saturday, March 19, 1910. 20 p. 8°. (Fred H. Cowan, secretary)

Contains: 1. J. M. Jameson: An elementary course in practical mechanics, p. 7-16.

726. ———— Proceedings of the fifty-sixth meeting, Providence, Rhode Island, Saturday, May 21, 1910. 21 p. 8°. (Ralph W. Channell, secretary, Malden, Mass.)

Contains: 1. J. L. Alger: Physics as a part of the grade teacher's equipment, p. 7-16.

727. **Mann, O. E.** Physics and education. *Science*, n. s. 32: 1-5, July 1, 1910.
728. ———. Physics teaching in the secondary schools of America. *Science*, n. s. 30: 789-98, December 3, 1909.
Address delivered at the conference of the University of Illinois with the secondary schools of Illinois, November 19, 1909.

Chemistry

729. **New England association of chemistry teachers.** Report of the thirty-sixth regular meeting [held in Boylston Hall, Harvard university, Cambridge, Mass., December 4, 1909] 34 p. 8°. (Charles W. Goodrich, secretary, Waltham high school, Waltham, Mass.)
Contains: 1. T. W. Richards: The value of investigation to the teacher of chemistry, p. 18-34.
730. **Dubois, N. A.** Practical technical chemistry in our schools. *School science and mathematics*, 10: 294-99, April 1910.
Read before the chemical section of the Central association of science and mathematics teachers in Chicago, November 26, 1909.
731. **Schon, Michael D.** Chemistry in secondary schools. *Science*, n. s. 31: 979-83, June 24, 1910.
732. **Talbot, H. P.** The outlook for a better correlation of secondary school and college instruction in chemistry. *Science*, n. s. 31: 961-74, June 24, 1910.
733. **Wade, Frank B.** The purpose and method of the chemistry course in the public high school. *School science and mathematics*, 10: 299-303, April 1910.
Read before the Chemical education section of the American chemical society, Boston, December 28, 1909.
734. **Whitait, Jesse E.** High school chemistry: the content of the course. *Science*, n. s. 31: 974-79, June 24, 1910.

Botany

735. **Ganong, W. F.** Some reflections upon botanical education. *Science*, n. s. 31: 321-34, March 4, 1910.

Biology

736. **Dawson, Jean.** The essentials of biology in the high school. *School science and mathematics*, 9: 653-57, October 1909.
737. **Hunter, G. W.** The methods, content, and purpose of biologic science in the secondary schools of the United States. *School science and mathematics*, 10: 1-10, 103-10, January, February 1910.
738. **Walter, Herbert E.** An ideal course in biology for the high school. *School science and mathematics*, 9: 717-24, 840-47, November, December 1909.
Delivered Sept. 8, 1909, at the Conference on biological instruction held at the Clark University, twentieth anniversary.

Zoölogy

739. **Galloway, T. W.** The essentials of a course in zoölogy for secondary schools. *School science and mathematics*, 10: 93-102, February 1910.
740. **Hornaday, W. T.** The right way to teach zoölogy. *Outlook*, 95: 256-63, June 4, 1910.

Physiology and Hygiene

741. **González Carreño, Genaro.** La educación sexual. Madrid, Juberá hermanos, 1910. xv, 428 p. 12°.

742. **Hall, Winfield S.** Social hygiene: its pedagogic aspects, and its relation to general hygiene and public health. *Nature-study review*, 6 : 33-39, February 1910.
743. ——— The teaching of sexual hygiene: matter and methods. *School science and mathematics*, 10 : 469-74, June 1910.
744. **Heffron, John L.** The moral value of the teaching of the physiology and hygiene of sex in the public schools. *Religious education*, 4 : 543-49, February 1910.
745. **Kohn, Alfred D.** Social hygiene in the schools. *Educational bi-monthly*, 4 : 117-21, December 1909.
746. **Schussman, Leo G.** Scientific temperance instruction and the school master. *Scientific temperance journal*, 19 : 115-17, April 1910.
747. **Shull, Charles Albert.** Physiology in the high school. *Scientific temperance journal*, 19 : 59-61, December 1909.
748. **Zenner, Philip.** Education in sexual physiology and hygiene; a physician's message. Cincinnati, The Robert Clarke company, 1910. 126 p. 12°.

Agricultural Training

749. **Anderson, Leroy.** Agriculture in the high school. Whittier, Cal., Linotyping and printing by boys of the state school, 1909. [3]-18 p. 8°. (University of California. College of agriculture. Agricultural experiment station. Circular no. 47, November 1909)
750. **Babeock, Ernest B.** Agriculture in secondary schools in California. *Nature-study review*, 5 : 210-18, November 1909.
751. **Buckham, Mathew Henry.** Agriculture in the high school; an address to the students of the winter course in the University of Vermont, January 5, 1910, by President M. H. Buckham. [Burlington? Vt.] 1910. [7] p. 8°.
752. **Eldred, C. H.** Practical agriculture in the smaller high school. *Wisconsin journal of education*, 42 : 160-62, June 1910.
753. **Harbourt, S. A.** Agriculture in the high school. *Journal of education*, 70 : 430-31, October 28, 1909.
754. **Main, Josiah.** Agriculture in the high school. *School science and mathematics*, 10 : 217-28, March 1910.
755. ——— Correlation of high school science and agriculture. *Education*, 30 : 135-45, November 1909.
756. ——— Some factors in the making of a high school course in agriculture. *Education*, 30 : 220-25, December 1909.
757. **Owens, Clarence J.** Secondary agricultural education in Alabama. Washington, Government printing office, 1909. 30 p. illus. 8°. (U. S. Dept. of agriculture. Office of experiment stations. Bulletin 220)
758. **Powers, J. N.** Agricultural high schools. *Mississippi school journal*, 14 : 6-11, October 1909.

Business Education

759. **Thompson, F. V.** The commercial high school and the business community. *School review*, 18 : 1-11, January 1910.

Manual Arts

[See Manual training; Industrial and trade education.]

EDUCATION AND TRAINING OF TEACHERS

760. Cloyd, David E. Unifying forces in the education of the American teacher. *Education*, 30 : 263-74, January 1910.
761. James, H. R. Training of secondary teachers. I. In the United Kingdom [by] H. R. James. II. In Prussia and America [by] H. Sharp. III. In Bombay [by] J. Nelson Fraser. Calcutta, Superintendent government printing, 1909. 144 p. 4°. ([India. Education dept.] Occasional papers no. 5)
762. Ladd, A. J. The function of the teachers college. *Education*, 30 : 281-89, 344-51, January and February 1910.
763. Pitkin, W. B. Training college teachers. *Popular science monthly*, 74 : 588-95, June 1909.
764. Snedden, David. The new scheme for the training of teachers in Scotland. *Educational review*, 39 : 433-54, May 1910.
765. Stamper, Alva W. The training of teachers of mathematics in the secondary schools of the United States. *School science and mathematics*, 10 : 283-89, April 1910.

TEACHERS' INSTITUTES, MEETINGS, ETC.

766. Waldorf, Lee. The teachers' institute. *American educational review*, 31 : 549-52, June 1910.
767. Whitfield, H. L. The teachers' reading course. *Mississippi school journal*, 14 : 1-5, 7-10, October, November 1909.

TEACHING AS A PROFESSION

768. Green, James Monroe. Teaching as an occupation for men: influences adverse and favorable. *American education*, 13 : 158-61, December 1909.
769. Sanders, Thomas E. Teaching as a life work. *Moderator-topics*, 726-27, May 19, 1910.
770. Should the married woman teach? By a married teacher. *Independent*, 67 : 361-64, August 12, 1909.
771. Thomas, John M. The teacher and the community. *Educational review*, 39 : 459-71, May 1910.
772. Tucker, William J. Professional rewards. *Journal of education*, 71 : 711-12, June 23, 1910.

Also in the Congregationalist and Christian world.

LITERARY MATERIAL, FICTION, ETC.

773. Bardeen, Charles W. Fifty fables for teachers. Syracuse, N. Y., C. W. Bardeen [c1910]. 164 p., illus. 12°.
774. Hendrick, Willard. A joyous history of education for use in schools and small families; to which is added a somewhat hilarious appendix. Nyack, N. Y., The Point of view, 1909. 67 p. 12°.

This little book affords not merely entertainment, but also food for reflection in its good-humored satirization of various existing phases of education and pedagogy.

775. **Showerman, Grant.** With the professor. New York, H. Holt and company, 1910. 360 p. 12°.

"In a book of essays . . . he attempts, with a limpidity of style and a general temperance recalling the *Essays* of Cambridge, Mass., to relieve the stuffed bosom of higher education by ingenuously revealing to the world the present sensitive and uneasy state of the professional mind, its inner conflicts, and its discordant environment."—*Nation*, April 7, 1910, p. 338-39.

"Common sense, some humor, an understanding of youth as seen through his instructor's eyes and a pleasant rambling among more or less interesting thoughts make up the volume."—*Outlook*, May 14, 1910, p. 88.

NORMAL SCHOOLS

776. **Adams, Charles F.** A plea for a clean administration in the Massachusetts normal schools. Spencer, Mass., 1909. 30 p. 8°.
777. **Davison, John.** Two more state normal schools. *Ohio teacher*, 30 : 340-43, March 1910.
Paper read before the Ohio school improvement federation, Columbus, December 1909.
778. **Ehrenfeld, Charles Lewis.** Brief story of the founding of the Southwestern state normal school at California, Pa. . . . Lancaster, Pa., Press of the New Era printing company, 1910. viii, 105 p. illus. 12°.
779. **Gwinn, Joseph M.** Tendencies in the content of the courses of study in state normal schools. *Educational review*, 39 : 156-64, February 1910.
780. **Loomis, H. N.** State normal schools and the rural-school problem. *Educational review*, 39 : 484-99, May 1910.
781. **Ruggles, Clyde Orval.** Historical sketch and notes, Winona state normal school, 1860-1910, written in connection with the preparation for the celebration of the fiftieth anniversary of the opening of the institution, June 5-8, 1910. [Winona, Minn., Jones & Kroeger co., 1910] 358 p. illus. 8°.
782. **Thompson, John Gilbert.** Report of visits to normal schools in other states . . . [Boston, 1909] 12 p. 8°.
Reprinted from the seventy-second Report of the Massachusetts Board of education.
783. **Winship, A. E.** The first state teachers' college. *Journal of education*, 70 : 454-57, November 4, 1909.
784. ——— Teachers college, Columbia university. *Journal of education*, 71 : 425-27, April 21, 1910.

PEDAGOGY IN UNIVERSITIES

785. **National society of college teachers of education.** The aims, scope, and methods of a university course in public school administration. Papers prepared for discussion at the meetings of the National society of college teachers of education, Indianapolis, Indiana, March 1 and 3, 1910; by Frank E. Spaulding, William P. Burris, and Edward C. Elliott. 94 p. 8°.
786. **Aguayo, Alfredo M.** La pedagogia en las universidades. Habana, Imprenta Avisador comercial, 1909. 18 p. 8°.
787. **Allen, W. O.** The function of the college in the training of teachers. *Missouri school journal*, 27 : 50-55, February 1910.
788. **Highsmith, J. Henry.** A college course in education. *Atlantic educational journal*, 5 : 365, 384, June 1910.
789. **Horne, Herman Harrell.** The function of a school of pedagogy. [Boston, 1910] [6] p. 8°.
Reprinted from *Education*, January 1910.
790. **Judd, Charles Hubbard.** The department of education in American universities. *School review*, 17 : 593-608, November 1909.
791. **Shields, Thomas Edward.** The university and the training of primary teachers. *Catholic university bulletin*, 15 : 578-86, June 1910.

INTERNATIONAL EXCHANGE OF TEACHERS

792. Thiérge, Oskar. The exchange of assistant teachers between France and Germany. *School review*, 18 : 258-63, April 1910.

HIGHER EDUCATION

793. Association of American universities. Journal of proceedings and addresses of the eleventh annual conference held in Madison, Wisconsin, January 4 and 5, 1910. [Chicago] The Association, 1910. 91 p. 8°. (Clarence C. Little, secretary, Harvard university, Cambridge, Mass.)

Contains: 1. G. H. Marx: The problem of the assistant professor, p. 17-40. 2. L. E. Reber: University extension, p. 47-63. Discussion, p. 63-73. 3. Woodrow Wilson: Position and importance of the arts course as distinct from the professional and semiprofessional courses, p. 73-84. Discussion, p. 85-88. 4. Report of the special committee on university nomenclature, p. 90-91.

794. Association of colleges and preparatory schools of the middle states and Maryland. Proceedings of the twenty-third annual convention, held under the auspices of the universities, colleges and schools of Washington, D. C., November 26 and 27, 1909. [n. p.] The Association, 1910. 150 p. 8°. (Arthur H. Quinn, secretary, University of Pennsylvania, Philadelphia, Pa.)

Contains: 1. C. F. Birdseye: The utilization of the college fraternity in student life, p. 16-31. 2. J. Swain: The utilization of the college fraternity in student life, p. 32-38. Discussion, p. 38-46. 3. E. E. Brown: The evaluation of higher education by means of the unit system, p. 47-51. 4. E. F. Buchner: The evaluation of higher education by means of the unit system, p. 52-61. 5. H. S. Pritchett: The use and limitation of a standard unit in estimating the work of secondary schools, p. 62-65. Discussion, p. 65-80. 6. J. D. Moffatt, president: Address, Character: a by-product of education, p. 81-90. 7. F. H. Stoddard: Report of committee on uniform entrance requirements in English, p. 91-98. 8. C. G. Child: The framing of an entrance examination paper in English, p. 99-110. 9. T. C. Mitchell: The framing of an entrance examination paper in English, p. 111-22. Discussion, p. 122-35.

795. Association of colleges and preparatory schools of the Southern States. Proceedings of the fourteenth annual meeting, held at Chattanooga, Tenn., November 5-6, 1908. Nashville, Tenn., Marshall & Bruce company [1908?] xvi, 30 p. 8°. (Frederick W. Moore, secretary, Vanderbilt university, Nashville, Tenn.)

Contains: 1. J. B. Henneman: The South's opportunity in education: the problem of the application of standards, p. 9-26.

796. ———. Proceedings of the fifteenth annual meeting, held at Charlottesville, Virginia, November 5-6, 1909. Nashville, Tenn., Press of Standard printing company, 1909. 101 p. 8°.

Contains: 1. F. P. Venable, president: Address, What factors shall mould higher education in the United States, p. 35-45. 2. J. H. Latane: Problems of undergraduate instruction and discipline, p. 46-54. 3. G. J. Fisher: The place of the college in the administration of athletics, p. 54-65. 4. E. C. Brooks: A comparison of school systems, p. 65-84. 5. J. C. Walker: The mission of the private school in the South, p. 85-97.

797. National association of state universities in the United States of America. Transactions and proceedings [of the fourteenth annual meeting] held in the faculty room of Harvard university, Cambridge, Mass., October 8 and 9, 1909. no. 7. Bangor, Maine, Printed for the Association by the Bangor co-operative printing co. [1910] 207 p. 8°. (Guy Potter Benton, secretary, 1910-11, Oxford, Ohio)

Contains: 1. J. G. Schurman: Some problems of our universities, p. 15-24. 2. J. H. Baker: What influence should the Carnegie foundation have on entrance requirements, p. 24-43. 3. H. S. Pritchett: Remarks on the Carnegie foundation, p. 44-63. 4. Report of committee on the Federal bureau of education, p. 63-84. 5. E. E. Brown: Remarks on the U. S. bureau of education, p. 85-111. 6. G. R. MacLean: How can the educational interests of the state be correlated with the universities, so as to secure the most efficient administration and advancement of educational matters, p. 112-125. 7. C. O. Dunaway: Universities and high schools, p. 126-41.

798. North central association of colleges and secondary schools. Proceedings of the fourteenth annual meeting, held at Chicago, Illinois, March 28 and 27, 1909. Chicago, The Association, 1909. 123 p. 8°. (Thomas Arkle Clark, secretary, University of Illinois, Urbana, Ill.)
Contains: 1. E. W. Coy: Some problems of secondary and higher education, p. 3-12. 2. A. T. Perry: The small college, its place and its work, p. 29-39. 3. E. D. Eaton: The small college, its place and work, p. 39-44. Discussion, p. 44-49. 4. Report of committee on college standards, p. 52-54. Discussion, p. 54-58. 5. F. N. Scott, chairman: Report of the committee on college entrance requirements in English, p. 71-76. 6. C. M. Woodward, chairman: Report of the committee on manual training, p. 79-81. 7. W. A. Gresson: The six and six plan of organizing public schools, p. 85-89. 8. C. F. Perry: The public trade school, p. 89-100.
799. ———. Proceedings of the fifteenth annual meeting, held at Chicago, Illinois, March 25th and 26th, 1910. Chicago, The Association, 1910. 208 p. 8°. (Thomas Arkle Clark, secretary, University of Illinois, Urbana, Ill.)
Contains: 1. C. M. Woodward: President's address—The logic and method of industrial education, p. 3-23. 2. J. F. Barker: The Cleveland technical high school, p. 35-44. 3. W. B. Hunter: The Fitchburg plan of industrial education, p. 45-53. 4. Eugene Davenport: Vocational school, p. 58-61. 5. G. N. Carman: Vocational training, p. 62-68. 6. C. H. Judd: The accrediting system, p. 162-73 (Discussion, p. 173-87).
800. Ohio college association. Transactions of the fortieth annual meeting . . . 1909. (Edwin M. Hall, secretary, Hiram, Ohio)
Contains: 1. W. F. Peirce: College dormitories, p. 39-41. 2. R. M. Hughes: Fraternities, p. 42-46. 3. J. E. Harry: Athletics, p. 47-56. 4. E. A. Miller: Moral conditions, p. 57-65. 5. H. Welch: Student self-government, p. 66-69. 6. A. C. Hall: The problem of the unemployed, p. 70-76. 7. S. F. Weston: The relation of economics to ethics, p. 77-84. 8. T. H. Sonnedecker: The function of the classics in education, p. 85-90. 9. W. B. Bently: The place of chemistry in a liberal education, p. 93-98.
801. Abbott, Lyman. Shall we send them to college? Outlook, 92: 758-63, July 24, 1909.
802. Alden, Raymond Macdonald. Academic ceremonial. Independent, 67: 1073-77, November 11, 1909.
803. Barker, Edwin L. The college and the lyceum. American educational review, 31: 103-6, November 1909.
804. Birdseye, Clarence F. The educational losses of our colleges. American college, 1: 188-98, December 1909.
805. Carruth, W. H. Can scholarship be made as attractive as athletics? American college, 1: 273-79, January 1910.
806. Chapman, John Jay. Professorial ethics. Science, n. s. 32: 5-10, July 1, 1910.
807. Crane, Richard T. The utility of all kinds of higher schooling. Chicago [H. O. Shepard company] 1909. 331 p. 8°.
The author claims that enormous sums are wasted annually by secondary schools and colleges in deficient and useless methods of education which turn out men inadequately equipped to meet the practical problems of everyday life. He asserts that this higher schooling not only does not improve a person for business but does not even strengthen or develop his character.
808. Hyde, William De Witt. Personality and college professors. Outlook, 92: 931-37, August 21, 1909.
809. Lowell, A. Lawrence. The college aim. Journal of education, 70: 31, July 8, 1910.
810. MacDonald, William. The mission of a state university. Sewanee review, 18: 199-207, April 1910.
811. Main, J. H. T. What is the trouble with the college? American college, 1: 199-208, December 1909.

812. Mayer, Alfred G. Autonomy for the university? *Science*, n. s. 30 : 673-75, November 12, 1909.
813. Sage, Arthur W. Are the colleges doing their job? Examples of good teaching and of bad at Harvard and at Princeton—about the choosing of professors. *World's work*, 20 : 13431-39, September 1910.
814. Perry, Alfred Tyler. The place of the college. *American college*, 1 : 398-403, February 1910.
815. Perry, F. M. College solidarity. *Science*, n. s. 30 : 844-48, December 10, 1909.
816. Pritchett, Henry S. The spirit of the state universities. [Berkeley, Cal., 1910] 26 p. 8°. Also in *Atlantic monthly*, 105 : 741-53, June 1910.
817. Shahan, Thomas Joseph. The college and the will. *Catholic university bulletin*, 16 : 303-6, March 1910.
Discourse delivered at the banquet which followed the installation of Dr. Edmund C. Sanford as president of Clark College, Worcester, Mass.
818. Slosson, Edwin E. Sensational attacks on university teachings. *American college*, 1 : 7-14, October 1909.
Reply to Harold Boice's articles in the *Cosmopolitan*.
819. Stearns, Wallace N. Some avenues of usefulness for the small college. *American educational review*, 31 : 152-58, December 1909.
820. ——— The state university and the affiliated college. *American college*, 1 : 390-97, February 1910.
821. Thomas, John Martin. A few ideals for a country college. Opening address to students at the beginning of the 110th year, September 23, 1909, by President Thomas. *Middlebury, Vt., 1909*. Cover-title, 23 p. 12°. (*Middlebury college bulletin*, v. 4, no. 1)
822. Tufts, James H. American college education and life. [An address given before the Section of education at the Baltimore meeting of the American association for the advancement of science. New York, 1909]. 17 p. 8°. Reprinted from *Science*, n. s. 29 : 407-14, March 12, 1909.
823. Van Dyke, Paul. Are we spoiling our boys who have the best chances in life? *Scribner's magazine*, 46 : 501-4, October 1909.
824. Venable, Francis P. What factors shall mold higher education in the United States. *Sewanee review*, 18 : 56-66, January 1910.
825. Wilson, Woodrow. What is a college for? *Scribner's magazine*, 46 : 570-77, November 1909.
"He surveys the present condition of life and study at the typical large college, judged both by the end which the college proposes or should propose and by the efficacy of the arrangements actually in operation for the attainment of that end."—*Nation*, October 28, 1909, p. 399-400.
826. Ziertmann, Paul. Das amerikanische college und die deutsche oberstufe; eine frage der schulorganisation. [Braunschweig, Druck von A. Limbach, 1909] 31 p. 8°. Vortrag, gehalten in der Versammlung des Berliner gymnastallehrervereins.
Sonderabdruck aus dem Pädagogischen archiv, 51 : 225-56, Mai 1909.

SALARIES AND PENSIONS

827. Aldrich, J. M. Some additional considerations as to the Carnegie foundation. *Science*, n. s. 31 : 5387, April 8, 1910.
828. Bell, E. Mowry. The Carnegie foundation and socialism. *Nation*, 90 : 206-9, March 5, 1910.

829. **Butler, Nicholas Murray.** The Carnegie foundation as an educational factor. Educational review, 38 : 399-405, November 1909.

Reprinted from the New York times, September 18, 1909. Also in Internationale wochenschrift für wissenschaft, kunst und technik (Berlin) 3 : 1177-84, September 18, 1909.

830. **Carnegie foundation for the advancement of teaching.** Fourth annual report of the president and of the treasurer, October 1909. New York City, 576 Fifth Avenue [1910] 201 p. 8°.

Contains: 1. The exchange of secondary-school teachers between Prussia and the United States, p. 45-57. 2. Politics in State institutions, p. 91-97. 3. Agricultural education, p. 97-102. 4. The future of the agricultural college, p. 103-7. 5. The use and limitations of a standard unit in secondary education, p. 131-33. 6. Articulation of high school and college, 134-38. 7. [College requirements for admission], p. 138-60.

831. ——— Retiring allowances. Amended rules. Science, n. s. 31 : 63-64, January 14, 1910.

832. **Cattell, J. McKeen.** The length of service pensions of the Carnegie foundation. Science, n. s. 31 : 384-86, March 11, 1910.

833. **Chamberlain, Alexander F.** The endowment of men and women, a check to the institutional "exploitation" of genius. Science, n. s. 30 : 754-59, November 26, 1909.

834. **Cushing, J. P.** The Carnegie foundation. Nation 90 : 233-35, March 10, 1910.

835. **Heyl, Charles C.** The Carnegie foundation and some American educational problems. Journal of education, 71 : 564-65, May 26, 1910.

836. **Hobbs, William Herbert.** The length of service pensions of the Carnegie foundation. Science, n. s. 31 : 502-4, April 1, 1910.

837. **Jastrow, Joseph.** The Carnegie foundation and its service pensions. Science, n. s. 31 : 370-76, March 11, 1910.

838. **Lawrence, F. B.** The Carnegie foundation's dual mission. American college, 1 : 1-6, October 1909.

839. **Lovejoy, Arthur O.** The retrospective anticipations of the Carnegie foundation. Science, n. s. 31 : 414-15, March 18, 1910.

840. **Marx, Guido H.** The problem of the assistant professor. Science, n. s. 31 : 401-7, 441-50, 488-97, March 18, March 25, April 1, 1910.

841. The salaries of professors at Yale university. Science, n. s. 32 : 11-13, July 1, 1910.

From the annual report of President Hadley.

842. The University of Minnesota and the Carnegie foundation. Science, n. s. 31 : 701-5, May 6, 1910.

A report of a discussion of the new rule for retiring allowances, by the Faculty club of the University of Minnesota.

SCHOLARSHIPS

843. **Aydelotte, Frank.** The Rhodes scholarships. Nation, 90 : 581-82, June 9, 1910.

844. **Vaile, F. A.** Imperial scholarships. Fortnightly review, 86 : 948-59, May 1910.

845. ——— A new scheme for imperial scholarships. Fortnightly review, 86 : 718-28, October 1909.

SUPERVISION AND ADMINISTRATION

846. Birdseye, Clarence F. Analyzing the college business. American college, 1 : 85-102, November 1909.
847. ——— College bookkeeping and accounting. American college, 1 : 15-24, October 1909.
848. ——— The official standard of the college. Shall it be constructive citizenship or a marking system diploma? American college, 2 : 97-105, 205-14, 277-84, 366-72, May, June, July, August 1910.
849. Carnegie foundation for the advancement of teaching. Standard forms for financial reports of colleges, universities, and technical schools. New York city [1910] iv, 37 p. 4°. (*Its Bulletin*, no. 3)
850. Creighton, James E. Government of American universities. Science, n. s. 32 : 193-99, August 12, 1910.
851. MacLaurin, Richard C. Some tests of academic efficiency. Popular science monthly, 76 : 487-94, May 1910.
852. Oberlin college. Tests of college efficiency; the report of a special committee of the Oberlin college faculty. Oberlin, O., 1910. [135]-208 p. 12°. Reprinted from the Annual reports of the president and treasurer of Oberlin college, 1908-09. Also in American college, 2 : 40-51, 115-22, 233-38, 305-11, April, May, June, July 1910. Reviewed by Charles N. Cole, chairman of the committee, in American college, 2 : 35-39, April 1910.
853. Starbuck, Edwin D. Centralized authority and democracy in our higher institutions. Popular science monthly, 77 : 264-73, September 1910.
854. Williams, William M. University organization and accounting. American college, 2 : 13-19, 123-32, April, May 1910.

ORGANIZATION AND METHODS

855. Griffin, Nathaniel E. The Princeton preceptorial system. Sewanee review, 18 : 169-76, April 1910.
856. Hyde, William De Witt. The new standard of college teaching. Nation, 90 : 107-8, February 3, 1910.
A commendation of the preceptorial system.
857. [Wilson, Woodrow] The preceptorial system at Princeton. Educational review, 39 : 385-90, April 1910.
"The system has approved itself and has had admirable results."—p. 390.

STANDARDIZATION

858. National conference committee on standards of colleges and secondary schools, assembled at Cambridge, Massachusetts, October 9, 1909. Minutes of the Conference. [n. p., 1909] [4] p. 8°. (Frederick C. Ferry, secretary-treasurer, Williams College)
Minutes also in Science, n. s. 30 : 590-91, October 29, 1909.
859. Brown, Elmer Ellsworth. American standards in education and the world-standard. [New York, 1909] 24 p. 8°. Address of the vice-president and chairman of section L of the American association for the advancement of science, Baltimore, 1908. Reprinted from Science, n. s. 30 : 412-27, October 1, 1908.
"This is, in the main, an historical sketch of the remarkable movement, or rather group of movements, towards securing something like uniform standards of college and university work."—Nation, October 7, 1909, p. 321.

860. **Buchner, Edward F.** The evaluation of higher education by means of the unit system. *Educational review*, 39 : 511-21, May 1910.
Also in *Association of colleges and preparatory schools of the middle states and Maryland. Proceedings*, 1909. p. 52-61.
861. **Jordan, David Starr.** The standards of the university. *Independent*, 66 : 1338-41, June 17, 1909.
862. **Wade, Herbert T.** The establishment of units and standards. *American college*, 1 : 369-80, February 1910.

ARTICULATION OF HIGH SCHOOL AND COLLEGE

(See special bibliography in Report of the Commissioner of education, 1910, v. 1, p. 29-32)

863. **Brown, J. Stanley.** The autonomy of the high school. *Missouri school journal*, 26 : 338-44, August 1909.
864. **Cary, Charles P.** The regulation of the state high schools. *Wisconsin journal of education*, 42 : 40-42, February 1910.
From an open letter addressed to the University board of regents.
865. **High school teachers association of New York city.** Articulation of high school and college, the reorganization of secondary education; statement of the High school teachers association of New York city; opinions from college presidents, superintendents, and high school principals. Resolutions adopted by three departments of the National education association. New York city, High school teachers association, 1910. 49, [2] p. 12.
866. **Lewis, W. D.** College domination of high schools. *Outlook*, 93 : 820-25, December 11, 1909.
Reply by J. H. Gardiner, *Outlook*, 94 : 626-31, March 19, 1910.
867. **McAndrew, William.** The college influence on public high schools. *School bulletin*, 36 : 89-93, January 1910.
An address before the Academic principals' conference, Syracuse, N. Y., December 29, 1909.
868. **Mell, P. H.** The college attitude toward the high school. *Southern educational review*, 6 : 17-20, April, May, June and July 1909.
869. **Yocum, A. Duncan.** The relation of the University of Pennsylvania to the public school system. *Teacher*, 14 : 145-48, May 1910.

COLLEGE ENTRANCE REQUIREMENTS

870. **American philological association.** Commission on college entrance requirements in Latin. Report, accepted by the Association December 30, 1909. *Classical journal*, 5 : 155-60, February 1910; *School review*, 18 : 115-20, February 1910.
Preceded in *Classical journal*, p. 147-54, by an account of the movement which culminated in the establishment of the Commission, by J. C. Kirtland.
871. **Buñler, Nicholas Murray.** A new method of admission to college. *Educational review*, 38 : 160-72, September 1909.
872. **De Forest, Frederick M.** College requirements in Latin and the school curriculum. *Educational review*, 38 : 109-21, September 1909.
873. **Kennedy, Joseph.** College entrance requirements in foreign languages. *American college*, 1 : 494-99, March 1910.
874. **Mann, Charles E.** The interpretation of the College entrance examination board's new definition of the requirements in physics. *Educational review*, 38 : 150-59, September 1909.

875. **Manny, Frank A.** The background of the certificate system. *Education*, 30 : 199-206, December 1909.

ENTRANCE EXAMINATIONS

876. **College entrance examination board.** Ninth annual report of the secretary, 1909. New York, The Board [1909] 55 p: 8°. (Thomas S. Flake, secretary, Post office sub-station 84, New York, N. Y.)

CURRICULUM

877. **Cattell, J. McKeen.** The case of Harvard college. *Popular science monthly*, 76 : 604-14, June 1910.
878. **Dewing, Arthur S.** A neglected value in the elective system. *Education* 30 : 442-47, March 1910.
879. **Finley, John H.** Concerning ways at Harvard. *North American review*, 191 : 433-37, April 1910.
880. **Foster, William T.** Concentration and distribution of studies in the small college. *Nation*, 90 : 184-85, February 24, 1910.
881. **Lowell, A. Lawrence.** New rules for the choice of electives. *Harvard graduates' magazine*, 18 : 393-400, March 1910.
882. **Ordahl, George.** The college curricula: a study of required and elective courses in American colleges and universities. Reno, 1910. 35 p. (Nevada state university, Reno. *University of Nevada studies*. vol. II, no. 2)
883. **Thwing, Charles F.** President Lowell's changes. *North American review*, 191 : 437-41, April 1910.
884. **Wenley, R. M.** The elective system and the Scottish universities. *Educational review*, 38 : 226-43, October 1909.

Special Subjects

885. **American psychological association.** Committee on the teaching of psychology. Report of the Committee of the American psychological association on the teaching of psychology, presented to the Association December 29, 1909. Lancaster, Pa., and Baltimore, Md., The Review publishing company [1910] 93 p. 4°. (*Psychological monographs*. vol. XII, no. 4)
886. **Beard, Charles A.** The study and teaching of politics. *Columbia university quarterly*, 12 : 268-74, June 1910.
887. **Bernard, L. L.** The teaching of sociology in the United States. *American journal of sociology*, 15 : 164-213, September 1909.
A statistical investigation, by means of a questionnaire, into the extent of the teaching of sociology in American colleges.
888. **Bumstead, H. A.** The functions of a university laboratory. *Science*, n. s. 31 : 361-70, March 11, 1910.
889. **Fiedler, Hermann Georg.** Modern languages at Oxford. [Guildford, Billing and sons, ltd., printers, 1909] 8 p. 8°.
Reprinted from *Modern language teaching*, vol. V, no. 5, 1908.
890. **Hall, Edwin H.** The relations of colleges to secondary schools in respect to physics. *Science*, n. s. 30 : 577-86, October 29, 1909.
891. **Hayes, Carlton Huntley.** Contemporaneous European history. An account of the work of an experimental college class. *History teachers' magazine*, 1 : 127-28, February 1910.

892. Jones, Lauder William. College chemistry beyond the elementary course. *Science*, n. s. 30 : 466-70, October 8, 1909.

A paper read before the Section of education of the American chemical society, at Detroit, July 1909.

893. Mann, C. R. Physics in the college course. *Educational review*, 39 : 472-83, May 1910.

894. La nation armée, leçons professées à l'École des hautes études sociales. Paris, F. Alcan, 1909. 278 p. 8°.

CONTENTS: 1. A. Croiset: L'idée de patrie. 2. F. Bauch: Le patriotisme à l'école primaire. 3. G. Lanson: Le lycée et l'éducation militaire. 4. C. Bouglé: Les universités et l'armée. 5. E. Boutroux: Démocratie et armée. 6. Capitaine Bourguet: La préparation au devoir militaire. 7. Capitaine Potez: La préparation à la guerre avant et après le service militaire. 8. R. Bourgeois: L'éducation morale dans l'armée. 9. G. Dumeny: L'éducation physique. 10. Général Bataine: L'armée-école et la démocratie française. 11. L. Pineau: L'éducation sociale et les "Hautes écoles du peuple" dans les pays scandinaves.

895. National board for the promotion of rifle practice. Rifle shooting in educational institutions: college and university rifle clubs; school-boy rifle clubs. [Issued by the Committee on publicity of the National board for the promotion of rifle practice. Washington, 190-?] 48 p. 8°.

896. National business league of America. American universities, American foreign service and an adequate consular law; (2d ed., amplified) Issued by the National business league of America . . . Chicago [Stromberg, Allen & co.] 1909. 86 p. 8°.

Presents statements from eighteen universities showing that they are amply prepared to meet the demands of the government and business interests for specially trained young Americans who hereafter are to enlarge, maintain, and protect American interests in foreign lands.

897. Smith, Alexander. The rehabilitation of the American college, and the place of chemistry in it. *Science*, n. s. 30 : 457-66, October 8, 1909.

An address before the Section of education of the American chemical society, at Detroit, July 1909.

898. What military training and education should be required in educational institutions of all grades, and what legal exaction of military service on the part of the government is wise and compatible with our institutions? *Journal of the Military service institution of the United States*, 46 : 171-226, March-April 1910.

Gold medal prize essay, by J. J. Mayes, p. 171-92. Silver medal prize essay, by Ralph McCoy, p. 193-212. Honorable mention essay, by W. E. Ellis, p. 213-24.

899. Woodhull, John F. What specialization has done for physics teaching. *Science*, n. s. 31 : 729-31, May 13, 1910.

FOREIGN STUDY

900. Association of cosmopolitan clubs. The Cosmopolitan annual, 1909. Madison, Wis., For the Association by the Wisconsin international club, 1909. 134 p. 4°. (H. E. Griffith, secretary-treasurer, 140 College avenue, Ithaca, N. Y.)

Contains: 1. J. B. Angell: The duty of a foreign student, p. 80-81. 2. Jason Simonides: The role of the Russian student in the struggle for freedom, p. 81-91.

901. ———. Proceedings of the third annual convention, Ithaca, N. Y., December 22-24, 1909. 46 p. 8°. (H. E. Griffith, secretary-treasurer, 140 College avenue, Ithaca, N. Y.)

902. **Edinburgh. University. Students' representative council. International academic committee.** A handbook on foreign study, comp. and ed. in the name and by the authority of the S. R. C.'s of all the universities of Great Britain and Ireland represented at the British universities students' congress, by H. J. Darnton-Fraser . . . with an introduction by the Right Hon. R. B. Haldane . . . 1st ed. Edinburgh, At the Darien press for the "International academic committee", 1909. 162 p. 8°.

903. **Hinsdale, Ellen C.** The first American students in Germany. *Dial*, 48 : 187-88, March 16, 1910.

Relates chiefly to George Ticknor, Edward Everett, and George Bancroft, but states that Benjamin Smith Barton, of Pennsylvania, made doctor at Göttingen in 1790, had preceded them.

904. **Hüttsch, Otto.** Studentenaustausch. *Daheim* (Leipzig) 45, 2 : no. 40, 9-10, July 3, 1909.

"The author, who speaks with authority—having been once an exchange professor in America . . . proposes to extend the scheme of exchanging professors by an exchange of students also, especially between Germany, England, France and the United States."—*Nation*, September 2, 1909, p. 207.

DEGREES

905. **Doctorates conferred by American universities.** *Science*, n. s. 30 : 225-32, August 20, 1909; 32 : 231-38, August 19, 1910.

Reviewed in *Nation*, 89 : 200-1, September 2, 1909.

SCHOOL GOVERNMENT

LEGISLATION. LAWS

UNITED STATES

906. **American digest—Decennial edition, 1906.** A complete digest of all reported cases from 1897 to 1906. St. Paul, Minn., West publishing co., 1910. 20v. 4°. Contains: Colleges and universities, vol. 4, p. 1248-62. Schools and school districts, vol. 17, p. 2282-2482.

907. **Elliott, Edward C.** State school systems: III. Legislation and judicial decisions relating to public education, October 1, 1908, to October 1, 1909. Washington, Government printing office, 1910. 305 p. 8°. (U. S. Bureau of education. Bulletin, 1910, no. 2)

908. **New York (State) Education department.** Review of legislation October 1, 1906, to October 1, 1908, ed. by C. B. Lester. Albany, University of the state of New York, 1910. 475 p. 8°. (*Its Bulletin* no. 479, September 15, 1910) Contains: 1. E. C. Elliott: Education, p. 171-90. 2. A. D. Dean: Vocational education, p. 191-208.

District of Columbia

909. **Dodd, Walter Fairleigh.** Public education. *In his* The government of the District of Columbia. A study in federal and municipal administration. Washington, John Byrne & co., 1909. chap. XIII, p. 225-48.

Illinois

910. **Illinois. Educational commission.** Final report to the forty-sixth General assembly of the state. Springfield, Ill., Illinois state journal co., 1909. 272 p. 8°.

Contains: 1. Recommendations of the Commission, p. 6-14. 2. The superintendent of public instruction, p. 15-30. 3. The state board of education, p. 31-54. 4. The county superintendent, p. 55-66. 5. County boards of education, p. 67-97. 6. Units of school organization, p. 98-116. 7. Township organization, p. 117-46. 8. The certification of teachers, p. 147-85. 9. County teachers' institutes, p. 186-213. 10. The purpose and value of the county teachers' institute, p. 214-24. 11. Salaries of teachers, p. 225-44. 12. Minimum salary legislation, p. 247-50. Bibliographical references follow numbers 2, 4, 6, 8, 10, 12.

Report reviewed by David Snodden in *Educational review*, 36 : 411-17 April 1910.

911. **Meddlesome legislation in Illinois.** Dial, 47 : 319-20, November 1, 1909.
Reprinted in Educational review, 38 : 535-37, December 1909.

Kentucky

912. **Kentucky. Educational commission.** Preliminary report to the General assembly of the commonwealth of Kentucky. Submitted in accordance with an act approved March 17, 1908. Frankfort, Ky., The Kentucky state journal co. [1909?] 69 p. 8°.

Maryland

913. **Lewis, Thomas Hamilton.** Public education in Maryland; a study of its finances. Annapolis, Md., State board of education, 1909. 16 p. 8°. (Maryland. Dept. of education. Quarterly bulletin, no. 1)

Massachusetts

914. **Prince, John Tilden.** Report on school organization and supervision, kindergartens, sub-primary classes, primary and grammar schools, powers and duties of school superintendents, conveyance of children to school, mentally defective children, blind and deaf children, delinquent children. [Boston, 1909] 20 p. 8°.

Reprinted from the seventy-second Report of the Massachusetts Board of education.

New York

915. **Bardeen, Charles William.** The New York school officers handbook; a manual of common school law, by C. W. Bardeen . . . 9th ed., wholly rewritten, with 1678 references to legal decisions, and 605 citations. Syracuse, N. Y., C. W. Bardeen, 1910. 470 p. 8°.
916. **New York (State) Education department.** Law division. Educational legislation of 1910. [Albany, Education department, 1910] 20 p. 8°.

Ohio

917. **Garman, Charles C.** Enforcing the school laws. Ohio teacher, 30 : 102-4, October 1909.

Paper read before the Ohio school improvement federation.

918. **Mardis, S. K.** Why the one mill state school levy should not be abolished. Ohio teacher, 30 : 299-303, February 1910.

Inaugural address by State school inspector S. K. Mardis, president of the Ohio school improvement federation, Columbus, December 29, 1909.

919. **Martzoff, Clement Luther.** The school lands of Ohio. Ohio teacher, 30 : 293-99, 347-49, 391-93, 486-88, 536-39, February, March, April, June, July 1910.

"The articles beginning with the March number . . . and continuing throughout the year, constitute a thesis prepared for the Master's degree in the Ohio University . . ."

Pennsylvania

920. **Pennsylvania. Educational commission.** The proposed new school code of Pennsylvania. Pennsylvania school journal, 59 : 3-56, July 1910.
921. **Schaeffer, Nathan C.** Educational interest of the commonwealth: 75th annual report of the State superintendent of public instruction of Pennsylvania. Pennsylvania school journal, 58 : 241-50, December 1909.

Texas

922. **Conference for education in Texas. Educational commission.** First preliminary report. Austin, Tex., Austin printing company, 1909. 16 p. 8°. (2d Bulletin, no. 13)

Virginia

923. **Maphis, Charles G.** Some recent school policies in Virginia. American school board journal, 40 : 7, May 1910. -

Wisconsin

924. **Brewer, C. J.** Recent legislation affecting our public schools, a paper read by Supt. C. J. Brewer of the public schools of New Richmond, Wis., at the annual convention of the Northwestern teachers' association, held in Eau Claire, Wisconsin, October 15th, 1909 . . . [New Richmond, Wis., The Van Meter-Welch printing co., 1909] [13] p. 8°.
925. The pros and cons of the state board of education plan. Wisconsin journal of education, 41 : 343-44, December 1909.
Opposition argument presented by President J. A. H. Keith, of the Oakkosh normal school.
926. A revolution proposed in the administrative affairs of the state's higher educational institutions; the special committee of the legislature to recommend a state board or commission to displace the present regents. Wisconsin journal of education, 41 : 309-12, November 1909.
927. Some of the new school laws. Wisconsin journal of education, 41 : 255-57, September 1909.
928. The state-superintendent vs. the state university; a far-reaching educational measure before the state legislature. Wisconsin journal of education, 41 : 234-35, September 1909.
The Wehrwein bill, providing for admission of high school graduates to the university.

ENGLAND

929. A compendium of precedents, judgments, decisions, opinions, examples, etc., given or occurring in connection with the administration of the Education act, 1902, the Education (London) act, 1903, and the Ed. (local authority default) act, 1904, with the full text of the acts; and of the Ed. (administrative provisions) act, 1907, and Qualification of women (co. and co. b. councils) act, 1907 . . . London, Office of "The School government chronicle and education authorities gazette" [1909] 2 v. 8°. (The school government handbooks. no. 1A) Vol. 1 is 2d ed.
930. "The red code" (1909) (English and Welsh editions combined) containing the official regulations for public elementary, secondary, & technical schools: schools of art & other forms of provision of further education: regulations for the preliminary education of teachers: training colleges & the training of teachers: education acts, 1902-1907: Children act, 1908 (education sections): with official decisions & other information necessary for local education committees, teachers, & managers of schools (annotated and indexed.) The N. U. T. ed., 1909, by J. H. Yoxall, M. A., and Ernest Gray . . . 17th year of issue . . . London, National union of teachers [1909] xlviii, 418 p. 8°.
931. **Sandiford, Peter.** Report of the English consultative committee on education. Educational review, 38 : 393-98, November 1909.

FRANCE

932. **Biétry, Pierre.** La séparation des écoles et de l'état. 3^e mille. Paris, Jouve & cie [1910] 272 p. 12°.

GERMANY

933. **Beier, Adolf, ed.** Die höheren schulen in Preussen (für die männliche jugend) und ihre lehrer. Sammlung der hierauf bezüglichen gesetze, verordnungen, verfügungen und erlasse, nach amtlichen quellen hrag. 8., gänzlich durchgearbeitete und vermehrte aufl. Halle a. d. S., Buchhandlung des waisenhauses, 1909. 1218 p. 4°.

Covers state and private schools, their organization and administration, including technical, commercial, and scientific education. Architecture, hygiene, and libraries are among the topics given.

934. Bestimmungen über die neuordnung des mittelschulwesens in Preussen vom 3. Februar 1909. Berlin, J. B. Cotta, 1910. 62 p. 8°.

ITALY

935. **Amante, Bruto.** Nuovo codice scolastico vigente; leggi, decreti, regolamenti e programmi dal 1859 al 1909. ed. 2. Roma, Presso l'autore, 1909. 1559 p. 4°.

936. **Italy.** Commissione reale per l'ordinamento degli studi secondari in Italia. Commissione reale per l'ordinamento degli studi secondari in Italia. Roma, Tip. ditta L. Cecchini, 1909. 2 v. 4°.

CONTENTS:—1. Relazione.—2. Risposte al questionario diffuso con circolare 27 marzo 1906.

ADMINISTRATION. a Supervision and Organization

937. **Allbee, Burton H.** Some phases of administration. American school board journal, 40 : 9, 18, May 1910.
938. **Avent, Joseph E.** The practice of the superintendent. American school board journal, 40 : 3-4, 19, June 1910.
939. **Bachman, Frank P.** The school superintendent and his training. Education, 30 : 368-73, February 1910.
940. **Bard, Harry Erwin.** The city school district; statutory provisions for organization and fiscal affairs. New York, Teachers college, Columbia university, 1909. 118 p. 8°. (Teachers college, Columbia university. Contributions to education, no. 28)
941. **Bunker, Frank F.** A plan for the reorganization of the schools of Berkeley. Sierra educational news, 5 : 13-19, December 1909.
Also in Western journal of education, 14 : 619-24, December 1909, What educators of California say, p. 624-28.
942. **Chancellor, William E.** The desirable superintendency. Journal of education, 70 : 311-12, September 30, 1909.
943. **Cleveland, O.** Board of education. Cleveland public schools. Annual report of the superintendent of schools for the school year ending August 31, 1909. (William H. Elson, superintendent) Cleveland, 1909. 129 p. 8°.
CONTENTS:—pt. I. Growing diversity and increasing cost of education.—pt. II. Measuring efficiency and progress.—pt. III. Simplifying the elementary course of study.—pt. IV. Increasing opportunities for practical training.—pt. V. Improving conditions of study in academic high schools.—pt. VI. Medical and dental inspection.—pt. VII. Giving opportunity to teachers for broader preparation and increasing compensation for services.—pt. VIII. Evening elementary and evening high schools.
944. **Cook, F. L.** Waste in education. American school board journal, 39 : 7, 18, December 1909.
945. **Coonts, J. A.** How to reduce wastes in education? Missouri school journal, 27 : 242-47, June 1910.

946. **Cornman, Oliver P.** Size of classes and school progress. *Psychological clinic*, 3 : 206-12, December 15, 1909.
947. **Elliott, Charles W.** School board reform. *American school board journal*, 39 : 3, July 1909.
An address before the New York city public education association.
948. **Fell, L. A.** Getting the most out of the people's money. *American school board journal*, 40 : 15, 23, January 1910.
Abstract of the president's address to the Associated school boards of South Dakota.
949. **Foght, H. W.** School administration. *American school board journal*, 39 : 3, 23, December 1909.
950. **Foot, Allen Ripley.** Suggested sources of revenue for public schools. *Journal of education*, 70 : 262-63, 271, September 16, 1909.
Read before the Ohio school improvement federation, at the annual conference.
951. **Harman, Arthur F.** The relations of the superintendent to his teachers. *American school board journal*, 40 : 6-7, 26, February 1910.
952. **Harvard university.** Associated Harvard clubs. Reform in city school administration; report of the Committee on public school administration, prepared for consideration and discussion at the annual meeting of the Associated Harvard clubs, Cincinnati, May 28th and 29th, 1909. [Cincinnati, 1909] 34 p. 8°.
Also in *American education*, 13 : 60-63, 111-15, October, November 1909.
953. **Horn, P. W.** City schools under the commission form of government. *Educational review*, 37 : 362-74, April 1909.
954. **Kerschensteiner, Georg.** Grundfragen der schulorganisation; eine sammlung von reden, aufsätzen und organisations-beispielen. 2., verb. und verm. Aufl. Leipzig und Berlin, B. G. Teubner, 1910. 296 p. 8°.
955. **Lindemann, A. S.** Re-organization of school government. *American school board journal*, 40 : 6-7, 18, January 1910.
956. **Mark, Cecil W.** Function of school boards. *American school board journal*, 39 : 5, October 1909.
957. **Minneapolis commercial club.** Educational committee. A plan for the rearrangement of the public school system of the city of Minneapolis. [6] p. 16°.
958. **Nearing, Scott.** The selection of the board of education. *Educational foundations*, 21 : 246-52, December 1909.
959. **Powell, E. P.** School economics. *Independent*, 69 : 255-58, August 4, 1910.
960. **Seerley, Homer H.** The province of the common people in the administration of public education. *American education*, 13 : 65-67, 116-18, October, November 1909.
961. **Shorrock, E.** The management of school board affairs. *American school board journal*, 40 : 5, 22, March 1910.
962. **Snodden, David.** Centralized vs. localized administration in public education. *Education*, 30 : 537-49, May 1910.
963. **Thomas, J. F.** Management and methods. *Moderator-topics*, 30 : 27-28, 67-68, 106-9, 148-49, 187-88, 235-36, 283-84, 323-24, 367-68, September 16, September 30, October 14, October 28, November 11, November 25, December 9, December 23, 1909, January 13, 1910.

964. Wolfe, L. E. Progress in school administration. American school board journal, 39 : 3, 18, August 1909.
Read before the Department of school administration of the National education association, Denver, Col., July 6, 1909.

NATIONAL EDUCATION OFFICE

965. Brown, Elmer Ellsworth. An efficient organization and enlarged scope for the Bureau of education. [New York, G. E. Stechert & co., 1910] 7 p. 8°. Reprinted from Proceedings of the second annual meeting of the Child conference for research and welfare, Worcester, Mass., June 30, 1910.
966. ——— A message from the United States Bureau of education. Chicago, University of Chicago press, 1910. 87-91 p. 8°. Reprinted from Proceedings of National education association, Boston, July 1910. Also in Independent, 69 : 22-33, August 4, 1910.
967. ——— United States Bureau of education. National magazine (Boston) 30 : 575-80, August 1909.
One of a series of articles describing the departments and bureaus at Washington.
968. Elliott, Edward C. Educational advancement and the new federalism. Educational review, 38 : 217-25, October 1909.
Advocates enlarging the powers and resources of the U. S. Bureau of education.
969. Moore, Ernest Carroll. How can the Bureau of education help the city superintendent of schools? Science, n. s. 30 : 470-74, October 8, 1909.
Discussed by T. B. Comstock, Science, n. s. 30 : 675-77, November 12, 1909.

TEACHERS' SALARIES AND PENSIONS

970. Bascone, Francesco. Le conseguenze della nuova legge sul monte pensioni dei maestri elementari. Milano, Cooperativa editrice libraria, 1909. 48 p. 12°.
971. Best, Lyman Austin. Teachers' retirement fund . . . Address given at Washington January 16, 1909, before the College women's club, by Lyman A. Best, secretary of the Board of retirement of the Department of education, of New York city . . . [Washington, Government printing office, 1910] 9 p. 8°. ([U. S.] 61st Cong., 2d sess. Senate. Doc. 541)
972. Dennis, H. V. M. Argument on behalf of Male high school teachers' ass'n of New York city before Joint legislative committee November 17th, 1909. New York city, Printed by the Male high school teachers' association of New York city [1909?] 16 p. 8°.
973. The equalization of teachers' salaries. Educational review, 39 : 289-94, March 1910.
Report of commission, New York city.
974. Incorporated association of assistant masters in secondary schools. Report of an inquiry into the conditions of service of teachers in English and foreign secondary schools, presented to the Council of the Incorporated association of assistant masters in secondary schools on 6th January 1910. London, G. Bell and sons, 1910. xi, 179 p. 12°.
"Now the sweated assistant master can give chapter and verse for his grievance, and convince the most stony of governors that the 'starving Monsieur' and the 'Pumpernickel professor' are better paid in their own countries than he is in rich England. France, Germany and Austria, Scandinavia and Finland, and the United States, are treated in successive chapters."—Journal of education (London), March 1910, p. 182.

975. **Kimman, G. W.** Superannuation and pensions in small schools. *Journal of education* (London) n. s. 32 : 237-38, April 1910.
976. **Strachan, Grace Charlotte.** Equal pay for equal work; the story of the struggle for justice being made by the women teachers of the city of New York. New York, B. F. Buck & company, 1910. 570 p. illus. 8°.
977. **Winship, A. E.** Teachers' pensions and annuities. *Journal of education*, 70 : 283-84, September 23, 1909.

Also in *American primary teacher*, n. s. 28 : 85-87, November 1909.

SCHOOL RECORDS AND REPORTS. EDUCATIONAL STATISTICS

978. **Beardale, Lewis A.** A progress book. *School work*, 8 : 385-403, February 1910.
979. **Bureau of municipal research, New York.** School progress and school facts . . . [New York] Bureau of municipal research, 1909. 73 p. 8°.
- CONTENTS.—Foreword: Trustees, Bureau of municipal research.—School reports as they are: a rejoinder: John L. Tildale, principal De Witt Clinton high school, New York city, answered point for point from official records by Mr. Allen.—School reports as they are: William H. Allen. [Reprinted from the *Educational review*, New York, Feb. 1909, written in collaboration with Dr. Elizabeth K. Adams]—Questions answered by school reports as they are: Bureau of municipal research [with special t.-p.]
980. **Cook, Henry R. M.** The standardization of school statistics. [New York, 1910] 9 p. 8°.
981. **Elson, William H.** School reports and school efficiency. *American school board journal*, 39 : 3, 18, September 1909.
982. **Elson, William H. and Bachman, Frank P.** School records: their defects and improvements. *Educational review*, 39 : 217-26, March 1910.
983. **Falkner, Roland Post.** What can and do school reports show? Philadelphia, Pa., The Psychological clinic press [1910] 18 p. 8°.
- The psychological clinic . . . Reprint from vol. 4, no. 1.
984. **Fuld, Leonard Felix.** Blanks for educational statistics. *Educational foundations*, 21 : 150-57, 218-25, November, December 1909.
- * An attempt to formulate some suggestions for the attainment of uniformity in the collection of educational statistics.

985. **Wallin, J. E. Wallace.** Fact versus fancy: unusually valuable reports. *Journal of education*, 70 : 630-32, December 16, 1909.

Discusses three reports of W. H. Elson, superintendent of schools, Cleveland, Ohio.

SCHOOL-BOOK QUESTION

986. **Ginn, Edwin.** The school book, the publisher and the public. *Independent*, 69 : 222-25, August 4, 1910.
987. **Thwing, Charles F.** The improvement of the textbook. *Nation*, 90 : 424-25, April 28, 1910.

CENTRALIZATION OF RURAL SCHOOLS

988. **Graham, Albert B.** Centralized schools in Ohio. Columbus, Ohio state university, 1909. 24 p. illus., maps. 8°. ([Ohio state university, Columbus. College of agriculture and domestic science] The Agricultural college extension bulletin. vol. 4, no. 6, February 1909)
989. **Hugh, David Douglas.** Bulletin concerning rural schools and their consolidation . . . [Greeley, Trustees of the State normal school of Colorado] 1909. 38 p. 12°. (State normal school of Colorado. Bulletin. Series 9, no. 4)

"Bibliography prepared by E. D. Randolph" p. 32-33.

990. **Knorr, George W.** Consolidated rural schools and organization of a county system. Washington, Government printing office, 1910. 99 p. illus. 8°. (U. S. Department of agriculture. Office of experiment stations. Bulletin 232)

991. **Nebraska. Department of public instruction.** Consolidation of rural schools. (E. C. Bishop, State superintendent) Lincoln, Neb., 1910. 39 p. 8°.

ADMINISTRATION. b. Management and Discipline

992. **Arnold, Felix.** Text-book of school and class management. Volume 2, Administration and hygiene. New York, The Macmillan company, 1910. 288 p. 12°.

In the first volume were discussed cooperation between principal and teacher, and class management. The present volume takes up further problems of school control, as organization, classification, hygiene, etc., and such aspects of administration as concern the principal, as the school building, the school personnel, the function of the school, and the school boards.

993. **Hayward, Frank H.** Day and evening schools; their management and organization. With special reference to the problems of adolescent education. London, Ralph, Holland & co., 1910. viii, 625 p. 8°. (The educational science series)

994. **Murphy, Dawsey Cope.** Turning points in teaching; or, Law making and law breaking in the schoolroom. Chicago, A. Flanagan company [1909] 208 p. 12°.

995. **Wright, Charles T.** Suggestions to teachers on general management. Atlantic educational journal, 5 : 5-6, 11, September 1909.

REWARDS AND PUNISHMENT

996. **De Montmorency, J. E. G.** Physical punishment in English education; an historical note. Journal of education (London) n. s. 32 : 38-40, January 1910.

997. **Strümpell, Ludwig.** Die pädagogische pathologie; oder, Die lehre von den fehler der kinder. Eine grundlegung. Fortgeführt und erweitert von dr. Alfred Spinner. 4. bedeutend verm. Aufl. Leipzig, E. Ungleich, 1910. xxiv, 844 p. 8°.

RECREATION

998. **Angell, Emmett D.** Play. Boston, Little, Brown and company, 1910. xxvii, 190 p. 12°.

Traces the fundamental principles of play as an important factor in physical and mental development. Indicates in detail how a large number of games may be played by city as well as country children.

999. **Bancroft, Jessie H.** The uses of games. Kindergarten-primary magazine, 22 : 145-51, January 1910.

1000. **Johnson, George Ellsworth.** What to do at recess. Boston, New York [etc.] Ginn and company [1910] 33 p. 12°.

1001. **Parsons, Belle R.** Plays and games for indoors and out; rhythmic activities correlated with the studies of the school program. New York, A. S. Barnes & company, 1909. 215 p. 8°.

CLASSIFICATION AND GRADING

1002. **Dearborn, Walter Fenno.** The relative standing of pupils in the high school and in the university. Madison, The University, 1909. 44 p. tables, charts. 12°. (Bulletin of the University of Wisconsin. High school series, no. 6)

1003. Dearborn, Walter Fenno. School and university grades. Madison, The University, 1910. 59 p. tables. 12°. (Bulletin of the University of Wisconsin. High school series, no. 9)

PROMOTION

1004. Martindale, W. C. A correct basis of promotion. Moderator-topics, 30 : 767-69, June 2, 1910.

Paper read at the State meeting of the superintendents and school boards, at Lansing, April 22.

1005. Thorndike, Edward L. Promotion, retardation, and elimination. Psychological clinic, 3 : 232-40, 255-65, January 15, February 15, 1910.

RETARDATION OF PUPILS

[See also Backward children.]

1006. Blan, Louis B. Retardation of elementary school pupils. Educational review, 40 : 51-64, June 1910.
1007. Dearborn, Walter Fenno. Qualitative elimination from school. Elementary school teacher, 10 : 1-13, September 1909.
1008. Falkner, Roland P. Retardation: its significance and its requirements. Educational review, 38 : 122-31, September 1909.
1009. Gaylor, G. W. Retardation and elimination in graded and rural schools. Psychological clinic, 4 : 40-45, April 15, 1910.
1010. Gulick, Luther H. Why 250,000 children quit school. World's work, 20 : 13285-89, August 1910.
1011. Leather, Herbert. England and her retarded children. Elementary school teacher, 10 : 326-33, March 1910.
1012. Miller, Charles A. A. J. Progress and retardation of a Baltimore class. Psychological clinic, 3 : 136-40, October 1909.
1013. Missimer, H. C. Retardation of pupils. Ohio educational monthly, 58 : 577-80, November 1909.
1014. Montgomery, Louise. The soil in which repeaters grow. Survey, 23 : 77-81, October 9, 1909.
1015. Schmitt, Clara. Retardation statistics of three Chicago schools. Elementary school teacher, 10 : 478-82, June 1910.
1016. Squire, Carrie B. Our responsibility for retardation. Psychological clinic, 4 : 46-53, April 15, 1910.
1017. Thorndike, Edward L. Repeaters in the upper grammar grades. Elementary school teacher, 10 : 409-14, May 1910.
1018. Wagner, Alvin E. Retardation and elimination in the schools of Mauch Chunk township. Psychological clinic, 3 : 164-73, November 1909.

ATTENDANCE. TRUANCY

1019. Reigart, John F. Enforcement of school attendance in London. Survey, 23 : 123-25, October 23, 1909.

Condensed from a report made by Mr. Reigart to the National Civic Federation.

SELF-GOVERNMENT

1020. **George, William B.** The Junior republic, its history and ideals; with an introduction by Thomas M. Osborne. New York and London, D. Appleton and company, 1910. xii, 325 p. illus. 12°.

"The lesson of the George Junior republic is that, in addition to a good teacher, a good school needs adequate social motives of a personal sort, and adequate motives in the field of the child's physical, possibly economic and vocational, activities."—*School review*, October 1910, p. 567.

1021. **Harrison, Shelby M.** The federated boys' clubs. *Survey*, 23 : 143-46, October 30, 1909.

SCHOOL ARCHITECTURE AND EQUIPMENT

1022. **Brubaker, H. C.** Fireproof school buildings, costing no more than non-fireproof buildings. *American school board journal*, 40 : 14-15, April 1910.
1023. **Bruce, William George, comp.** School architecture; a handy manual for the use of architects and school authorities. 4th ed. Milwaukee, Johnson service company [1910] 289 p. 24°.
1024. **Conference for education in Texas.** School buildings. Austin, Tex. [Firm foundation print] 1910. 61 p. 8°. (*Its Bulletin*, no. 21)
1025. **Dodge, William C.** Schools in the District of Columbia . . . Article . . . entitled, "The schools and school buildings of the national capital; what they are and how obtained." [Washington, Government printing office, 1909] 18 p., 8°. (U. S. 61st Cong., 1st sess. Senate. Doc. 86)
1026. **Moore, J. C.** The equipment of public school buildings. *American school board journal*, 41 : 7, 20, July 1910.
1027. **Oldt, F. T.** School architecture. *American school board journal*, 40 : 3-4, April 1910.
1028. **Orr, Charles.** What constitutes a modern school building. *Ohio educational monthly*, 59 : 213-16, May 1910.
1029. **Parker, Walter H.** School buildings. [San Francisco] 1909. 47 p. 4°.
1030. **Perry, Thomas D.** High school equipment. *American school board journal*, 41 : 16-17, July 1910.
1031. **Pinnarò, Gabriele.** La questione dei banchi scolastici esaminata nel campo della fisiologia, dell'igiene, della pedagogia e della storia con speciale riguardo al banco scolastico Pinnarò premiato alle esposizioni di Milano, 1906 e di Perugia, 1907 ed approvato dal Consiglio provinciale scolastico di Caserta. S. Maria C. V., F. Cavotta, 1909. viii, 55, [1] p. illus. 12°.
- "Bibliografia," p. [V].
1032. **Pleins, Leo H.** Sanitary fixtures for school buildings. *American school board journal*, 40 : 16-17, 38, April 1910.
1033. **Reese, Cara.** City school buildings. A series of articles in *Good housekeeping*. Washington, 48 : 436-41, April 1909; Chicago, 50 : 208-15, February 1910; St. Louis, 50 : 485-93, April 1910; Cincinnati, 50 : 610-15, May 1910.
1034. **Roeschlaub, Robert S.** Mistakes in school architecture. *American school board journal*, 39 : 6-7, August 1909.
1035. **Schmidt, L. F. Karl.** Neuere ländliche Volksschulen. Hrg. mit unterstützung des Königl. sächs. ministeriums des kultus und öffentlichen unterichts vom Landesverein sächsischer heimatschutz, Dresden . . . Text mit 22 abbildungen hierzu 1 atlas mit 31 foliotafeln. Dresden, G. Köhntmann [1910]. 22, [2] p. illus., plan, diag. 8°. and atlas of 1 p. l., 31 pl. 8°.

1036. **Vetterlein, Ernst Friedrich.** Die baukunst des schulhauses. Leipzig, G. J. Göschen, 1909. 2 v. illus. (incl. plans) 16°. (Sammlung Göschen. [443-44])

College architecture.

1037. **Schuyler, Montgomery.** The architecture of American colleges. I. Harvard. II. Yale. III. Princeton. IV. New York City. V. Pennsylvania, Girard, Haverford, Lehigh, and Bryn Mawr. VI. Dartmouth, Williams, Amherst. Architectural record, 20 : 243-69, 393-410; 21 : 129-60, 443-69; 28 : 182-212, 424-42; October, December, 1909, February, June, September, December 1910.

A well-illustrated series of descriptive articles, further to be continued.

VENTILATION AND LIGHTING

1038. **Baker, N. B.** School room fenestration. American school board journal, 40 : 5, May 1910.
1039. **Watt, W. E.** Fresh air for average school children; how to make children fit to learn. Survey, 23 : 866-69, March 5, 1910.
1040. **Woodbridge, S. H.** Air and the schoolhouse. Boston, A. D. MacLachlan. 32 p. 8°.

CLEANING AND DISINFECTING

1041. **Burnham, William H.** Cleanliness in the schoolroom. Good health, 44 : 596-600, August 1909.
1042. **Davison, Alvin.** Dust as a carrier of disease in the schoolroom. [Easton? Pa.] 1909. 15 p. illus. 16°.
1043. **Harman, N. Blah.** Concerning dirt. Schoolhygiene, 1 : 74-80, February 1910.

SCHOOLROOM DECORATION

1044. **Davidson, Isabel.** Schoolroom decoration. Atlantic educational journal, 5 : 218-19, 255-56, February, March 1910.

SCHOOL HYGIENE

1045. **American school hygiene association.** Proceedings of the fourth congress, Indianapolis, Indiana, March 2, 3 and 4, 1910. Springfield, American physical education review, 1910. 211 p. 8°. Thomas A. Storey, secretary-treasurer, College of the City of New York)

Contains: 1. T. F. Harrington: Health and education, p. 18-33. 2. H. H. Horne: The principle underlying modern physical education, p. 33-39. 3. H. H. Seerley: The right standards of school hygiene and the hindrances to meeting them, p. 40-44. 4. C. W. Crampton: Folk dancing, p. 45-47. 5. A. E. Kindervater: German gymnastics adapted to American high school conditions, p. 47-56. 6. G. W. Ehler: The educative value of the child's recreative life and systematic provision for it, p. 56-60. 7. G. Wittlich: Methods applied to the physical training of the deaf and the blind children in the public schools of Milwaukee, p. 60-69. 8. R. L. Erd: The needs of physical training in schools for the deaf, p. 69-76. 9. J. E. Rayeroff: Physical training as a factor in the social development of the individual and in school life, p. 76-80. 10. W. W. Hastings: Racial hygiene and vigor, p. 81-92. 11. G. W. A. Luckey: Shall organized play be made a regular part of the public school curriculum? p. 92-98. 12. L. P. Ayres: The relation between physical defects and school progress, p. 99-105. 13. T. A. Williams: "Nervousness" and education. The rôle of the teacher, p. 105-12. 14. J. N. Hurty: Experiences in Indiana in trying to secure sanitary school-houses, p. 112-16. 15. W. E. Watt: Humidity and scholarship in school, p. 119-23. 16. W. S. Small: School hygiene in the training of teachers: the organizing principle, p. 124-31. 17. D. A. Sargent: Competition and culture, p. 131-37. 18. C. W. Crampton: The teaching of hygiene, p. 137-42. 19. W. A. Stecher: Extension work in physical training in public elementary schools, p. 143-48. 20. J. H. McCurdy: Adolescent changes in heart rate and blood pressure, p. 149-50. 21. W. E. Watt: The playroom instead of the schoolroom, p. 150-55. 22. G. L. Meylan, chairman; L. H. Gulick, secretary: Report of committee on status of instruction in hygiene in American educational institutions, p. 157-75. 23. J. J. Cronin, chairman: Report of committee on status of medical inspection of school children throughout the United States, p. 176-83. 24. T. M. Botch: Roentgen ray methods applied to the grading of early life, p. 184-208, illus.

1046. **Deutscher Verein für schulggesundheitspflege.** Verhandlungen der 10. jahresversammlung . . . am 1. und 2. Juni 1909, in Dessau. Leipzig & Berlin, B. G. Teubner, 1909. 168 p. 8°. (Sonderabdruck aus heft 2/3 des IX. bandes der zeitschrift "Gesunde jugend")
1047. **Barry, William Francis.** The hygiene of the schoolroom. Rev. ed. New York, Boston [etc.] Silver, Burdett and company [1909] 195 p. 12°. "In eighteen chapters the author of this work goes over practically all the ground relating to the health of pupils in the public school . . . The most reliable information concerning school conditions has been patiently gathered, and many leaves have been taken from personal observations and experience."—*Journal of education*, December 30, 1909, p. 696.
1048. **Bennett, Arthur E.** School hygiene and efficiency. *American school board journal*, 39 : 7, 18, October 1909.
1049. **Burnham, William H.** Health in public schools. *Educational foundations*, 21 : 323-35, February 1910.
1050. **Cornell, Walter S.** The physical condition of the school children of the school of observation, University of Pennsylvania. *Psychological clinic*, 3 : 134-35, October 15, 1909.
1051. **Crowley, Ralph H.** The hygiene of school life. London, Methuen & co. [1910] 403 p. 12°. Written while author was medical superintendent to the Bradford education authority. He gives practical suggestions for dealing with problems which confront local education boards, medical officers and parents. Includes physical condition of the child and special groups of children: school buildings, meals, baths, games, open air schools, and infectious diseases.
1052. **Dufestel, L.** Hygiène scolaire. Préface de M. le Dr. Albert Mathieu . . . avec 61 figures dans le texte. Paris, O. Doin et fils, 1909. 417 p. 12°. "Index bibliographique," p. [385]-390.
1053. **Evans, W. A.** The hygiene of schools and school children. *Educational bi-monthly*, 4 : 88-92, December 1909.
1054. **Favill, Henry Baird.** Should the public school be the bulwark of public health? *Educational bi-monthly*, 4 : 12-26, October 1909.
1055. **Forsyth, David.** Children in health and disease; a study of child-life . . . with frontispiece. London, J. Murray, 1909. xix, 362 p. front. 8°. "Public authorities are not yet sufficiently alive to the lamentable amount of preventable disease that exists among children, nor do they fully appreciate the necessity of basing out-educational methods on the physiological and psychological requirements of the young . . . I believe that a book dealing with child-life from a scientific standpoint is needed at the present time."—Pref.
1056. **Heeter, S. L.** Conservation of health in the schoolroom. *Psychological clinic*, 3 : 121-24, October 15, 1909.
1057. **London county council.** Education department. Report of the medical officer (education) for the twelve months ended 31st December, 1909. London [Printed for the London county council by Southwood, Smith and co., ltd., 1910] 96 p. 1°. Deals with elementary schools, medical inspection, nutrition, medical examinations, training colleges and higher education, school nurses, medical treatment, dust allaying preparations, teaching of writing, stammering, vision, infectious diseases, special schools, mentally defective, morally defective, epileptics, the blind, the deaf, heredity, physically defective, open air schools, playground classes, tuberculosis school, continuation work, evening schools.
1058. **New England association of school superintendents.** A report on the physical welfare of the public school child: May 1909. Hartford, Conn., R. S. Peck & co., 1909. 43 p. 8°. Presented by a working committee consisting of Arthur Deerin Call, Hartford, chairman; Paul H. Haugus, Harvard university; Walter A. Ranger and Walter H. Small, Providence; Henry D. Harvey, Malden. Bibliography: p. 43.

1069. **Pruneda, Alfonso.** Organization of the public school hygiene service in the federal district of Mexico. Paper presented to the American public health association (37th annual meeting, Richmond, Virginia). Mexico, Tipografia economica, 1909. 22 p. 8°.
1060. **Ritchie, John W.** Primer of sanitation; being a simple work on disease germs and how to fight them. Yonkers, N. Y., World book company, 1909. 200 p. 12°.
- A text on a subject deserving attention from our schools, written with simplicity, clearness, and practical sense.
1061. **Stevens, Edward L.** Prophylaxis in the practice of the school superintendent. American education, 12 : 401-3, May 1909.
1062. **Stoneroad, Rebecca.** Health of children as affected by school work. Atlantic educational journal, 5 : 136-31, 160, December 1909.
1063. **Storey, Thomas A.** The relation of school hygiene to physical education. American physical education review, 12 : 529-36, November 1909.
- Presented at the sixteenth assembly of the American physical education association, Philadelphia, 1909.
1064. **Whipple, Guy Montrose.** Questions in school hygiene. Syracuse, N. Y., C. W. Bardeen, 1909. 88 p. 8°. (Cornell study bulletins for teachers, ed. by C. DeGarmo, no. 4)
1065. **Wood, Thomas Denison.** Health and education. Chicago, University of Chicago press, 1910. 112 p. 8°. (National society for the study of education. Ninth yearbook, part 1)
- CONTENTS.—Health examinations.—School sanitation.—Hygiene of instruction.—Health instruction.—Physical education.—Bibliography.
- "This volume . . . gives a comprehensive and systematic statement of the various lines of activity which the school may undertake in order to improve the physiological condition of pupils and to build up, through physical exercise, strong, healthy bodies."—Elementary school teacher, April 1910, p. 408.
1066. ——— Rural school sanitation. American education, 13 : 351-54, April 1910.

MEDICAL INSPECTION OF SCHOOLS

1067. **Ayres, Leonard P.** Salaries of medical inspectors in America and in England. Journal of education, 70 : 149-50, August 19, 1909.
1068. **Corson, O. T.** Medical inspection for schools and care of defective children. Ohio educational monthly, 59 : 7-11, January 1910.
1069. **Dufestal, Louis.** Guide pratique du médecin-inspecteur des écoles. Préface de M. le Dr. Le Gendre . . . avec 19 figures dans le texte. Paris, O. Doin et Co., 1910. iii, 226 p. illus. 12°.
1070. **Hickey, Edith M.** The work of the school nurse. American school board journal, 39 : 3, 18, November 1909.
1071. **Hogarth, A. H.** Medical inspection of schools. London, H. Frowde, Oxford university press [etc.] 1909. 360 p. 12°. (Oxford medical publications)
- A sketch of the history of the subject and legislation in England.
- "The author emphasises the state's responsibility, and gives in detail the organization and administration of medical inspection as it should be. The book is a valuable exposition of the whole matter."—Educational times.
1072. **Leather, Herbert.** School medical inspection. Co-operation between doctors and teachers. Journal of education (London) n. s. 32 : 369-370, June 1910.

1073. **Leallé, George L.** Health and development supervision of the public schools of California. *Psychological clinic*, 4 : 33-39, April 15, 1910.
1074. **Wallin, J. E. Wallace.** Medical and dental inspection in the Cleveland schools. *Psychological clinic*, 4 : 93-108, June 15, 1910.
- "References": p. 108.
1075. ——— Medical and psychological inspection of school children. [Ypsilanti, Mich., 1909] 14 p. 8°.
- Reprinted from *Western journal of education*, 2 : 433-46, December 1909.

CONTAGIOUS DISEASES

1076. **Burnham, William H.** The London method of controlling diphtheria in schools. *American city*, 3 : 117-19, September 1910.

FEEDING OF SCHOOL CHILDREN

1077. **Bryant, Louise Stevens.** School feeding in Europe. *Journal of home economics*, 2 : 149-59, April 1910.
1078. **Hobson, Sarah.** Diet of school children. *Educational bi-monthly*, 4 : 93-98, December 1909.
1079. **Johnson, Mrs. G. T.** Underfed children in the public schools. *Missouri school journal*, 27 : 338-42, August 1910.
1080. **Simon, Helene.** Die schulspeisung. Leipzig, Duncker & Humblot, 1909. 94 p. 8°. (Schriften des Deutschen Vereins für armenpflege und wohlthätigkeit, 89. hft.)

SPECIAL SUBJECTS

Eyes and Ears

1081. **Magennis, Edward.** The eyesight of school children. 2d ed. Dublin, Brown & Nolan, Ltd., 1909. 32 p. 12°.
1082. **Rankin, W. S.** Eyes and ears. Raleigh, N. C., Edwards & Broughton printing co., 1910. 26 p. 8°. (Public school health bulletin number 1, second ed.)
Issued from office of superintendent of public instruction of North Carolina, Raleigh, 1910.
1083. **Tausig, Albert E.** The prevalence of visual and aural defects among the public school children of St. Louis county, Mo. *Psychological clinic*, 3 : 149-60, November 15, 1909.

Teeth

1084. **Kirk, Edward C.** The dental disabilities of school children. *Psychological clinic*, 3 : 217-23, January 15, 1910.
1085. **London county council. Education committee.** School dentistry in Germany. Report of the education officer, presented to Education committee 22d June, 1910. London, Printed for the London county council by Southwood, Smith & co., Ltd. [1910] 10 p. illus. plans. 1°.
1086. **Rae, Mabel.** New York city's dental hygiene conference and exhibit. *Survey*, 24 : 339-43, May 28, 1910.

Tuberculosis

1087. **Kingale, Sherman C.** Tuberculous children on a city roof. *Survey*, 23 : 863-66, March 5, 1910.
1088. **Norton, W. H.** The colleges of the United States and the campaign against tuberculosis. *Science*, n. s. 30 : 6-10, July 2, 1909.
Read before the International congress on tuberculosis, Washington, D. C.

Miscellaneous

1089. **Freeman, Virginia Winchester.** The proposed movement for treating stammering in the public schools. *Educational bi-monthly*, 4 : 408-14, June 1910.

Read before the Chicago medical society, April 6, 1910.

1090. **Maylan, George L.** The effects of smoking on college students. *Popular science monthly*, 77 : 170-77, August 1910.

OPEN-AIR SCHOOLS

1091. **Ayres, Leonard P.** Open-air schools. New York, Doubleday, Page & company, 1910. xvii, 171 p. illus. 12°. Bibliography, including reports, magazine and newspaper articles and editorials, p. [157]-171. "The wide interest which has attached to the establishment of these out-of-door schools, and especially in connection with the antituberculosis campaign in this country, makes this a very timely book."—*Nation*, September 29, 1910, p. 297.
1092. **Carrington, Thomas Spees.** How to build and equip an outdoor school. *Survey*, 24 : 144-51, April 23, 1910.
1093. **Curtis, Elnora W.** Outdoor schools. *American city*, 1 : 115-18, November 1909; 2 : 33-37, January 1910.
1094. **Clark, Ida Hood.** Open air or forest schools of England and Germany. *Kindergarten review*, 20 : 461-69, April 1910.
1095. **Hendrick, Burton J.** Oxygenizing a city; an attempt to make two and a quarter million people work and play under sanitary conditions. *McClure's magazine*, 35 : 373-87, August 1910. Includes an interesting account of Chicago open air schools.
1096. **Lanier, Henry Wysham.** A school for making healthy boys. *World's work*, 20 : 13178-86, July 1910.
1097. **Matthews, William H.** Lillian home, which affords its guests fresh air, farm life and every country joy. *Survey*, 24 : 407-19, June 4, 1910.

SCHOOL GARDENS

1098. **Babcock, Ernest B.** Suggestions for garden work in California schools. Berkeley, University press, 1909. 48 p. illus. 8°. (University of California. College of agriculture. Agricultural experiment station. Circular no. 46, October 1909)
1099. **Chartier, Suzanne.** Nouveau manuel de pédagogie à l'usage des institutrices d'écoles gardiennes. Tâmines, C. Dulculot-Roulin, 1910. [7]-271 p. 8°.
1100. **Elford, Percy and Meaton, Samuel.** Practical school gardening. Oxford, Clarendon press, 1909. 224 p. 8°.
1101. **Emerson, Philip.** School gardening. *Journal of education*, 71 : 319-21, 326, March 24, 1910.
1102. **Greene, Maria Louise.** Among school gardens. New York, Charities publication committee, 1910. xv, 388 p. 8°. Bibliography: p. [341]-376. "The purpose of the book is admirably carried out. The descriptions of the different kinds of gardens, from the gardens of the district schools to those of the city schools, are full and suggestive. The list of reference books is very complete."—*Playground*, June 1910, p. 113-14.
1103. **Hall, Bolton.** Gardening in institutions. *Survey*, 23 : 939-46, March 19, 1910.

1104. **Hamlin, Lenora Austin.** Where oats, peas, beans and barley grows: how school gardens put new civic spirit into South Chicago. *Survey*, 24 : 19-24, April 2, 1910.
1105. **Higgins, Myrta Margaret.** The school-garden movement and what it means to the kindergarten. *Kindergarten-primary magazine*, 22 : 215-18, March 1910.
1106. **McCready, S. B.** School gardening and elementary agriculture in the schools of Ontario. *Nature-study review*, 6 : 122-25, May 1910.
1107. **Parsons, Henry Griscom.** Children's gardens for pleasure, health and education. New York, Sturgis & Walton company, 1910. 228 p. illus. 12°. "Books for the teacher": p. 194-97.
1108. **Price, Beulah M.** Gardening under difficulties. *Atlantic educational journal*, 5 : 289, 292, April 1910.
1109. **Shepherd, John Wilkes.** The school garden in large cities. *Educational bi-monthly*, 4 : 390-95, June 1910.
1110. **Sipe, Susan B.** School gardening and nature study in English rural schools and in London. Washington, Government printing office, 1909. 37 p. (U. S. Dept. of Agriculture. Office of experiment stations. Bulletin 204)
A report upon some investigations of methods of teaching nature study and school gardening conducted by Miss Sipe in connection with a recent visit to Europe.
1111. **Weed, Clarence M. and Emerson, Philip.** The school garden book. New York, C. Scribner's sons, 1909. 320 p. 12°.
A useful book for children, parents and teachers, containing suggestions for each month, also lessons and experiments in garden making. The decorative side is treated in suggestions for window boxes, flower jars, etc. Contains attractive illustrations.

PLAYGROUNDS, PARKS, ETC.

1112. **Playground association of America.** Proceedings of the third annual playground congress, Pittsburgh, Pa., May 11-14, 1909, and year book, 1909. New York, Playground association of America [1910] xv, 472, 85 p. 8°. (H. S. Braucher, secretary, Portland, Maine)
Contains: 1. W. H. Taft: Greeting, p. 3-4. 2. G. W. Wharton: The third annual playground congress, p. 7-21. 3. W. A. Magee: Address of welcome, p. 21-23. 4. L. H. Gulick, president: Address, p. 23-28. 5. William Orr: Independence day: a civic opportunity, p. 31-37. Discussion, p. 38-48. 6. Beulah Kennard: Greeting from the Playground association of Pittsburgh: Pittsburgh in the spirit of play, p. 49-52. 7. Reports of president, secretary, field secretary, financial secretary, and treasurer, p. 52-55, 55-63, 63-70, 70-73, 74-75. 8. G. T. Kirby: Ways of giving, p. 76-79. 9. Tentative report of the committee on a normal course in play, p. 87-288. 10. L. H. Gulick: The doctrine of "hands off" in play, p. 289-96. 11. Tentative report of the committee on folk dancing (Elizabeth Burchenal, chairman), p. 297-315. Discussion, p. 316-21. 12. R. H. Conwell: Play and work, p. 323-32. 13. Tentative report of the committee on athletics for boys (A. K. Aldinger, chairman), p. 333-39. Discussion, p. 340-49. 14. Special correspondence, p. 349-55. 15. G. E. Johnson: Why teach a child to play? p. 357-65. Discussion, p. 360-77. 16. Discussion on story telling in the playground, p. 378-81. 17. Stories for children (compiled by Maud Summers), p. 382-85. 18. E. J. Ward: The Rochester social centers, p. 387-96. 19. Discussion on playgrounds as social centers, p. 397-402. 20. Tentative report of the committee on state laws (Joseph Lee, chairman), p. 402-7. Discussion, p. 408-13. 21. Tentative report of the committee on playground statistics, p. 415-19. Discussion, p. 420-23. 22. G. J. Fisher: Play and life, p. 425-29. 23. L. F. Hanmer: What the Young men's Christian association has done and can do for the promotion of playgrounds, p. 430-31. 24. O. B. Affleck: How the Young men's Christian association can cooperate in the promotion of playgrounds, p. 431-35. 25. John Bradford: What the Y. M. C. A. has done and can do regarding boys' athletics in small cities, p. 436-37. 26. C. R. H. Jackson: Review of conference of Young men's Christian association delegates, p. 437-41. 27. Tentative report of the committee on festivals (Lillian D. Wald, chairman), p. 442-44. Discussion, p. 445-50. 28. J. F. Burke: Good health and good government, p. 451-56. 29. Tentative report of the committee on play in institutions (H. H. Hart, chairman), p. 457-64. Discussion, p. 465-72.
"This is the most important document put forth by the Playground association . . . This is a work which will be eagerly read by everyone interested in this problem, which is absorbing so much interest throughout the nation at the present time."—*Pedagogical seminary*, September 1909, p. 421-22.

1113. Burns, Allen T. Play and playgrounds. Relation of playgrounds to juvenile delinquency. *Mind and body*, 16 : 239-42, 270-74, October, November 1909.
1114. Harmon, William E. The commercial value of playgrounds. *Survey*, 23 : 359-61, December 11, 1909.
1115. Hetherington, Clark W. Playgrounds: a normal course in play for professional directors. *Hygiene and physical education*, 1 : 701-7, October 1909.
1116. Kornfield, Joseph S. The playground and the public school. *American school board journal*, 41 : 3, 21, July 1910.
1117. Leland, Arthur and Leland, Lorna H., ed. Playground technique and playcraft; a popular textbook of playground philosophy. vol. 1. Springfield, Mass., The F. A. Basset company, 1909. illus. 8°.
 "A working bibliography": p. 260-74.
 "It contains just the kind of information which the playground director or the chairman of a committee on equipment will find of great value."—*Survey*, September 17, 1910, p. 852.
1118. Robinson, Charles Mulford. Educational value of public recreation facilities. *Annals of the American academy of political and social science*, 35 : 350-56, March 1910.
1119. Schrader, Carl L. The playground and its need. *Mind and body*, 17 : 149-54, June 1910.

PHYSICAL TRAINING

1120. Bancroft, Jessie H. Some educational aspects of physical training. *American physical education review*, 15 : 233-40, April 1910.
 Abstract of address delivered before the Physical education society of New York city, November 21, 1908.
1121. Burnham, William H. The hygiene of physical training, I, II, III, IV. *American physical education review*, 14 : 468-78, 521-28, 600-8, 15 : 36-51, October, November, December, 1909, January 1910.
 Bibliography: p. 46-51.
1122. Dudley, Gertrude and Kellor, Frances A. Athletic games in the education of women. New York, H. Holt and company, 1909. 268 p. 12°.
1123. Hastings, William Walter. The physical director as a hygienist; closing lecture of the course "Physical education and racial vitality" Boston normal school of gymnastics, Boston, Mass., and International Y. M. C. A. training school, Springfield, Mass., 1906. Springfield, Mass., Hygiene and physical education, The F. A. Basset company, 1909. 20 p. 8°. [Hygiene and physical education series, pamphlet no. 1]
1124. Hebert, Georges. L'éducation physique raisonnée. Paris, Vuibert & Nony [1909] 185 p. 8°.
1125. ——— Guide pratique d'éducation physique. Paris, Vuibert & Nony [1909] xvi, 568 p. 8°.
1126. Johnson, L. Capper. Physical training of young children. *Parents' review*, 21 : 298-305, April 1910.
 Lecture given to the Leeds branch of the Parents' national educational union.
1127. Keene, Charles H. Physical education for children. *American physical education review*, 15 : 241-45, April 1910.
1128. Krogh, D. M. Ferd. Factors concerning satisfactory individual education. *Mind and body*, 16 : 211-17, October 1909.
 Competitive essay: Group D. Awarded a first prize at the Turnfest of the N. A. Gymnastic union, June 1909.

1129. **McKenzie, Robert Tait.** Exercises in education and medicine . . . with 346 illustrations. Philadelphia and London, W. B. Saunders company, 1909. 406 p. illus. 8°.

"This is one of the best and most comprehensive books ever written upon this large topic."—
Pedagogical seminary, September 1909, p. 421.

1130. **National league for physical education and improvement.** Physical education in foreign countries. Report on replies to questions circulated by the Joint committee on physical education. London, National league for physical education and improvement, 1909. [12] p. fold. table. 8°. (Pamphlet no. 1)
1131. **Siebert, Albert.** The development in physical education in Germany. Mind and body, 16 : 249-53, November 1909.
1132. **Stoneroad, Rebecca.** Physical education of girls. Journal of education, 72 : 67-69, July 21, 1910.
1133. **Winter, Richard.** Physical education from a psycho-pedagogical point of view. Translated by Carl L. Schrader. Mind and body, 17 : 5-8, March 1910.

Public Schools

1134. **Bowen, Wilbur Pardon.** The teaching of elementary school gymnastics. Springfield, Mass., The F. A. Basset company [1909] 119 p. 8°.
1135. **Chesterton, Thomas.** The theory of physical education in elementary schools; with a preface by Colonel G. M. Onslow. [11th] rev. ed. London, Gale & Polden, Ltd.; [etc., etc., 1909] xiii, [15]-191 p. illus. 12°. (British college of physical education. Textbook no. 1)
1136. **Fuld, Leonhard Felix.** Physical education for secondary school girls. American physical education review, 15 : 32-35, January 1910.
1137. **Krogh, D. M. Ferd.** Physician's certificates excusing public school pupils from gymnastics. Mind and body, 16 : 257-63, November 1909.
1138. **New York city.** Public schools. Report of Committee on coaches for high school athletics. Mind and body, 16 : 301-4, December 1909.
1139. **Orton, George W., ed.** Athletic training for school boys. New York, American sports publishing company [c1910] 96 p. illus. 16°. (Spalding's athletic library [Group XII, no. 246])
1140. **Stedman, Mabel.** Physical development and hygiene in kindergarten. Kindergarten review, 20 : 412-17, March 1910.
1141. **Wittich, George.** Elements of strength and weakness in physical education as taught in public schools. Mind and body, 16 : 254-56, 295-300, November, December 1909.

Colleges

1142. **Day, James Roscoe.** The function of college athletics. American physical education review, 15 : 88-97, February 1910.
- Presented at the Intercollegiate athletic association, New York, December 28, 1909.
1143. **Koehler, Herman J.** The theory and practice of athletics at the Military academy, West Point, N. Y. Mind and body, 16 : 289-92, 329-32, December 1909, January 1910.
1144. **Sargent, D. A.** History of the administration of intercollegiate athletics in the United States. American physical education review, 15 : 252-61, April 1910.

Read before the Athletic research society, New York, December 29, 1909.

1145. Shaw, Albert. College reform—and football. Review of reviews, 40 : 724-29, December 1909.
1146. Stevenson, John J. College diversions. Popular science monthly, 76 : 71-75, January 1910.
1147. Storey, Thomas A. The technical, academic and professional training needed on the staff in the department of physical education. American physical education review, 14 : 367-70, June 1909.

SPECIAL DAYS (Arbor Day, Bird Day, Flag Day, etc.)

1148. New York (State) Education department. The American flag. New York state education department, sixth annual report—supplemental volume: comp. and ed. by Harlan Hoyt Horner. Albany, State of New York education department, 1910. 110 p. 4°.
- "The American flag, a reference list," p. 106-110.
1149. Pinchot, Gifford. Lessons of arbor day. Journal of education, 71 : 205-6, February 24, 1910.
1150. Schaufler, Robert H. Arbor day. New York, Moffat, Yard and company, 1909. xxix, 360 p. 12°.

STUDENT LIFE AND CUSTOMS

1151. Abercrombie, Daniel Webster. Responsibility of the college for the freshman. Education, 30 : 632-48, June 1910.
1152. Birdseye, Clarence F. How the college abandoned its home functions. American college, 1 : 280-92, January 1910.
- An address delivered before the 23d annual convention of the Association of colleges and preparatory schools of the middle states and Maryland, Washington, D. C., November 26, 1909.
1153. Castle, William B., jr. The college and the freshman. Atlantic monthly, 104 : 547-58, October 1909.
1154. Dwight, Frederick, comp. A handbook for class secretaries. New Haven, Conn., Yale association of class secretaries, 1910. 34 p. 8°.
1155. Hadley, Arthur T. College democracy. Century magazine, 80 : 254-55, June 1910.
1156. Jordan, David Starr. The care and culture of freshmen. North American review, 191 : 441-48, April 1910.
1157. Keppel, Frederick P. The student as an investor. Columbia university quarterly, 12 : 45-53, December 1909.
1158. Miller, E. A. Moral conditions in Ohio colleges. Educational review, 39 : 500-10, May 1910.
1159. Nathan, George Jean. The increasing extravagance in college life. American college, 1 : 298-302, January 1910.
1160. Nicolson, Frank W. College failures: the responsibility of the school and the home. Education, 30 : 617-31, June 1910.
1161. Purinton, Daniel B. College and student; responsibility of the college for the student as an individual. Religious education, 5 : 231-35, August 1910.
1162. Stanton, Theodore. Student activities. North American review, 190 : 170-77, August 1909.
- Reviewed in Nation, 89 : 114-16, August 5, 1909.

1163. **Stevenson, John J.** College diversions. Popular science monthly, 76 : 71-75, January 1910.
Same condensed in Review of reviews, 41 : 218-19, February 1910.
1164. **Thwing, Charles F.** Change of emphasis in present college life. American college, 1 : 103-6, November 1909.
1165. **Tucker, William Jewett.** Personal power; counsels to college men. Boston and New York, Houghton Mifflin company, 1910. 284 p. 8°.
"The discourses are uplifting and instructive in a hundred directions in which American students need guidance, but in the two respects in which college men most need challenge, the loss of scholarly devotion and the over-emphasis upon athletics, they would have been better for a more resolute iconoclasm."—Nation, April 28, 1910, p. 437.

COLLEGE FRATERNITIES

1166. **Jordan, David Starr.** The fraternity chapter house. American college, 1 : 175-81, December 1909.
1167. **Schurman, Jacob Gould.** The work and place of fraternities and societies. American college, 2 : 138-40, May 1910.
Address by President Schurman to the fraternity undergraduates of Cornell university, April 27, 1910.
1168. **Woodward, Mrs. Cora Stranahan.** The sorority chapter house. American college, 1 : 182-87, December 1909.

HIGH SCHOOL FRATERNITIES

1169. **Hard, William.** High-school fraternities; farce, tragedy, and statesmanship. Everybody's magazine, 21 : 173-83, August 1909.

EDUCATION—SPECIAL FORMS, RELATIONS, AND APPLICATIONS

I. FORMS

SELF-EDUCATION

[See Education extension.]

PRIVATE SCHOOL EDUCATION

1170. **Baker, Thomas Stockham.** Boarding schools versus public schools. Independent, 69 : 226-28, August 4, 1910.
1171. **Peabody, Endicott.** The aims, duties, and opportunities of the head-master of an endowed secondary school. School review, 17 : 521-28, October 1909.
1172. **Robertson, T. D.** Education in residential schools. Paisley, Alexander Gardner, 1909. 30 p. 12°.
An illustrated account of various prominent eastern schools for boys.
1173. **Ruhl, Arthur.** Some American preparatory schools. Scribner's magazine, 47 : 681-700, June 1910.

II. SOCIOLOGICAL ASPECTS OF EDUCATION

EDUCATION AND SOCIETY. CITIZENSHIP

1174. **Brumbaugh, Martin Grove.** Philanthropy and public education. [Philadelphia, Printed by pupils of the Philadelphia trades school, 1910?] [10] p. 8°.
Reprint from Annual report [of the superintendent of public schools, Philadelphia] of 1910.

1175. **O'Shea, Michael Vincent.** Social development and education. Boston, New York [etc.] Houghton Mifflin company-[1909] xiv, 561 p. 8°.

"References for reading": p. 424-33.

An exhaustive discussion of the character of the child and the adjustment in process of development, with suggestions as to methods of education in making the individual socially efficient.

"Undoubtedly the best book that has yet appeared in its field, at least in English, and, whether better books appear later or not, it will possess a permanent value on account of its psychological analysis and its practical and sane discussions of the problems of social education."—School review, October 1910, p. 573.

1176. **Scott, Colin Alexander.** Social education. Education 30 : 67-73, 163-72, 210-15, October, November, December 1909.

1177. **Tucker, William Jewett.** Public mindedness; an aspect of citizenship considered in various addresses given while president of Dartmouth college. Concord, The Rumford press, 1910. 356 p. 8°.

Contains: What has patriotism the right to demand of education, The historic college, Administration of the modern college, The rights of the period of education, Arrested education, School of the community, The public library, Modern education capable of idealism.

EDUCATION AND LIFE

1178. **Miller, Herbert A.** Incomes of college graduates ten years after graduation. Science, n. s. 31 : 199-200, February 4, 1910.

Statistics of the class of 1899, Dartmouth college, illustrated by a diagram.

1179. **Staples, Otha Bowman.** Is there a relation between the amount of schooling and financial success in later life? Elementary school teacher, 10 : 261-69, February 1910.

1180. **Younger, Alice.** The university graduate and the home. Parents' review, 20 : 927-35, December 1909.

SCHOOLS AS SOCIAL CENTERS

1181. **Baker, Bay Stannard.** Do it for Rochester. American magazine, 70 : 683-96, September 1910.

1182. **Perry, Clarence Arthur.** Wider use of the school plant; introduction by Luther Halsey Gulick, M. D. New York, Charities publication committee, 1910. xiv, 423 p. illus. 8°. (Russell Sage foundation publications)

"References" at end of most of the chapters.

1183. **Rochester. Board of education.** The fifty-fifth report of the Board of education of the city of Rochester, New York, for the years 1908, 1909, 1910. (Clarence F. Carroll, superintendent.) [Rochester, Bates printing company, 1910] 252 p. illus. 8°.

Exhibiting especially social phases of education and the extension of the use of school buildings as neighborhood and social centers.

1184. **Rochester. League of civic clubs.** Rochester social centers and civic clubs, story of the first two years. [Rochester] The League of civic clubs, 1909. 123 p. illus. 8°.

1185. **Ward, Edward J.** The Rochester social center and civic club movement. American school board journal, 40 : 4-5, February 1910.

HOME AND SCHOOL

1186. **Boston home and school association.** First annual report, October, 1909. Boston [1909] 45 p. 8°. (Mrs. Fannie Fern Andrews, secretary, 405 Marlborough street, Boston, Mass.)

1187. **Parents' national educational union.** Report of the thirteenth annual conference, held at Birmingham, England, November 15-19, 1909. Parents' review, 21 : 1-68, 81-147, 161-226, January, February, March 1910.

Contains: 1. Oliver Lodge: Parent and child, p. 9-26. 2. Miss C. M. Mason: Two articles in the equipment of boys and girls: Opinions and principles, p. 27-44. 3. Helen Webb: Environment in relation to nervous stability, p. 45-50. 4. Mrs. Edwin Gray: Girls of leisure and social work, p. 60-68. 5. Sir Martin Conway: How to interest young people in art, p. 81-93. 6. Miss Parish: Now and forever, p. 94-105. 7. Walter Ford: Songs for children, p. 106-16. 8. Mrs. Clement Parsons: The intellectual flame, p. 117-29. 9. Dr. Gore: Shall we send our sons to the university, p. 130-37. 10. C. J. Fleet: The training of young Englishmen for life in Canada, p. 138-47. 11. Miss O. M. Bradley: Direct and indirect moral teaching, p. 161-72. 12. Miss O. E. Hodgson: Renaissance educational ideals and ourselves, p. 172-88. 13. J. H. B. Masterson: The education of the imagination, p. 189-95. 14. Charles Waldstein: The aesthetic element in the education of the individual and of the nation, p. 196-210. 15. H. T. Bovey: Discussion of Mr. Fleet's paper, p. 211-13. 16. Mrs. Fiona de G. Ginever: Imagination in work and play, p. 214-23.

1188. **Philadelphia league of home and school associations.** Fourth annual report, 1909. 36 p. 12°. (William C. Ash, recording secretary, Philadelphia Trades school, Philadelphia, Pa.)

1189. **Burnham, William H.** The home in relation to the other factors in education. Pedagogical seminary, 16 : 485-87, December 1909.

1190. **Drescher, J.** Elternabende. Anleitung zu deren veranstaltung, und vortragsstoffe . . . 2. verm. aufl. Wien, A. Pichler's witwe und sohn, 1910. ix, 230 p. 8°.

1191. **Gore, C. H.** The home and the school. Parents' review, 21 : 411-20, 498-509, June, July 1910.

Paper read before the 11th branch of the Parents' national educational union.

1192. **Grice, Mary Van Meter.** Home and school united in widening circles of inspiration and service; with prefatory notes by Elmer Ellsworth Brown and Martin G. Brumbaugh. Philadelphia, C. Sower company [1909] 154 p. illus. 16°.

"Those who enter freely into the democratic and humanitarian strivings of our time will read this little book with lively interest; and the suggestions which it offers regarding things to be done will, I doubt not, be found helpful in many communities, in town and country alike but particularly in our larger cities, with their crowded and varied population."—E. E. Brown in pref. note.

"The book is written in an interesting way. The author has gone into sufficient technical detail on the formation of home and school associations to make the book of great value to those planning such associations."—Annals of the American academy, March 1910, p. 454.

1193. **Gurlitt, Ludwig i. z. G. B. E. Ludwig.** Pflege des heimatsinnes. 1.-4. aufl. Berlin, Modern pädagog. und psycholog. verlag, 1909. 160 p. 8°. (Führer ins leben)

1194. **Harding, Charles F.** The Parents' association of the School of education. School review, 18 : 153-58, March 1910.

1195. **Kergomard, Mme. Pauline (Reclus)** Les écoles maternelles, décrets, règlements et circulaires en vigueur mis en ordre et commentés . . . accompagné d'un emploi du temps. Paris, F. Nathan [1910?] vi, [7]-73, [6] p. 12°.

1196. **National congress of mothers.** How to organize parents' associations or mothers' circles in public schools, with suggestions for programs. [n. p.] National congress of mothers, 1909. 40 p. 24°.

1197. Pour la vie familiale; conférences faites à l'Ecole des mères. Toulouse, E. Privat; Paris, H. Didier, 1909. 302 p. 12°. (Bibliothèque des parents et des maîtres, 4)
 Contents.—A. Moll-Weiss: Introduction: L'Ecole des mères.—E. Boutroux: L'entraide familiale.—E. Vbeysson: Association, état, famille.—G. Compayré: Ce qui différencie l'éducation des filles de celle des garçons.—Darius: L'amour maternel dans l'éducation.—A. Lichtenberger: Notes sur les enfants.—J. Malapert: Les sentiments chez l'enfant.—A. Moll-Weiss: L'assistance éducative, L'éducation ménagère et familiale doit-elle être réservée au sexe féminin?—F. Passy: Ce que les femmes doivent savoir, La responsabilité morale.—Charles Wagner: La poésie des devoirs modestes.
1198. Smith, Mrs. K. W. School-home visiting. *Journal of education*, 70 : 423-26, October 28, 1909.
 An interesting account of the writer's personal experiences, and the testimony of other workers in the same field, as to the gratifying results attained by these methods.
1199. Wise, Stephen S. Parent and child. *Parents' review*, 21 : 401-10, 490-97, June, July 1910.
 Delivered at the Free Synagogue, New York.

CHILD WELFARE

CHILD LABOR AND EDUCATION

1200. National child labor committee, *New York*. Child employing industries. Proceedings of the sixth annual meeting of the National child labor committee. Philadelphia, The American academy of political and social science, 1910. v, 274 p. 8°. (Supplement to the *Annals of the American academy of political and social science*. March, 1910) (Owen R. Lovejoy, secretary, 105 East 22d street, New York)
 Contains: 1. O. R. Lovejoy: The federal children's bureau, p. 61-72. 2. E. W. Lord: Vocational direction, or the boy and his job, p. 73-85. 3. David Snedden: Vocational direction, p. 86-90. 4. G. E. Whittemore: The Providence school census system, p. 130-33.
1201. ——— The federal children's bureau; a symposium by Lillian D. Wald, Jane Addams, Leo Arnstein, Ben. B. Lindsey, H. B. Favill, C. R. Henderson, Florence Kelley, S. M. Lindsey. Philadelphia, American academy of political and social science, 1909. 28 p. 8°. (*Its Pamphlet no. 101*)
 Reprinted from the Proceedings of the fifth annual conference on child labor, 1909.
1202. Agahd, Konrad. Lehrerschaft und jugend fürsorge in stadt und land. Berlin, Gerdes & Hödel, 1909. vii, 240 p. 8°.
1203. Davies, Maud F. School care committees; a guide to their work. London, T. Burleigh, 1909. 94 p. 16°.
1204. Frere, Margaret. Children's care committees; how to work them in public elementary schools. London, P. S. King and son, 1909. 86 p. 12°.
 "List of books and pamphlets suggested for study": p. [59]-60.
 "The purpose of this handbook is to help local managers, and more particularly women managers, of elementary schools in carrying out the social and charitable, as distinct from the official work, which awaits them in these schools."
1205. Lovejoy, Owen R. Brief for the federal children's bureau. New York, December 1909. 11 p. 8°. (National child labor committee. Pamphlet no. 122)
 A bureau to collect and disseminate information affecting the welfare of children, similar to bureaus already established by the federal government regarding various forms of our material wealth, e. g., the Bureau of entomology, Bureau of chemistry, Bureau of animal industry, and the Bureau of soils.
1206. Nearing, Scott. Child labor and the child. *Education*, 30 : 407-15, 494-99, March and April 1910.
1207. Parsons, Herbert. Establishment of a national children's bureau. *Annals of the American academy*, 34 : 48-53, July 1909.

III. MORAL AND RELIGIOUS EDUCATION

GENERAL

1208. **King, Henry Churchill.** The future of moral and religious education. Religious education, 4 : 293-304, October 1909.
1209. **Kirkland, James H.** Progress in religious and moral education; the annual survey presented before the seventh annual convention of the Religious education association [Nashville, Tenn., on March 9th, 1910] 20 p. 8°. Reprinted from Religious education, 5 : 5-28, April 1910.
1210. **St. John, Edward Porter.** Stories and story-telling in moral and religious education. Boston, Pilgrim press [1910] x, 100 p. 12°.
1211. **Votaw, Clyde Weber.** Method of school and church in moral and religious education. Religious education, 4 : 410-17, December 1909.

MORAL EDUCATION

1212. **Brown, Elmer Ellsworth.** The culture of righteousness. From the Methodist review, September 1909. [New York, 1909] 13 p. 8°. "An address delivered at Vanderbilt university, June 15, 1909."
1213. **Brown, J. Stanley.** The moral atmosphere in secondary schools. Religious education, 4 : 457-61, December 1909.
1214. **Brumbaugh, E. V.** Dangers of the high-school age. Independent, 67 : 873-77, October 14, 1909.
1215. **Butler, Nathaniel.** The teacher as a constructive moral force. Religious education, 4 : 550-60, February 1910.
1216. **Cope, Henry F.** Some text-books on ethics and morals. Religious education, 4 : 575-81, February 1910.
1217. **Gould, F. J.** Conduct stories; a volume of stories for the moral instruction of children. Issued by the Moral education league. London, Swan Sonnenschein & co., ltd.; New York, The Macmillan company, 1910. 340 p. 12°.
1218. **Greenwood, James M.** Systematic formal moral training in the schools. Journal of education, 71 : 740-41, June 30, 1910.
1219. **Hanna, John Calvin.** The moral atmosphere in secondary schools. Religious education, 4 : 461-65, December 1909.
1220. **Hart, Joseph Kinmont.** A critical study of current theories of moral education. Chicago, The University of Chicago press, 1910. 48 p. 8°.
1221. **Hughes, James L.** Definite tests for the moral efficiency of state schools. Religious education, 4 : 561-68, February 1910.
1222. **Leclère, Albert.** L'éducation morale rationnelle; ouvrage précédé d'une préface de Luigi Luzzatti. Paris, Hachette et cie., 1909. xii, 292 p. 12°.
1223. **Mackenzie, John Stuart and Mackenzie, Millicent.** Moral education: the task of the teacher; the training of the teacher. [London, Moral education league, 1909] 30 p. 8°. Reprinted from the International journal of ethics, July 1909. The secretary of the Moral education league, Mr. Harrold Johnson, knows of no more adequate statement of its position than that contained in this paper of its president, Prof. J. S. Mackenzie.
1224. Moral training in the public schools. [A symposium conducted by Frederic Allison Tupper.] Journal of education, 71 : 117-23, February 3, 1910.
1225. **Mussey, David.** The ideals of ethical culture for children. Pedagogical seminary, 16 : 513-18, December 1909.

1226. **Palmer, George Herbert.** Ethical and moral instruction in schools. Boston, New York [etc.] Houghton Mifflin company [1909]. 54 p. 12°. (River-side educational monographs, ed. by H. Suzzallo)
1227. **Sharp, Frank Chapman.** Success; a course in moral instruction for the high school. Madison, The University, 1909. 118 p. 12°. (Bulletin of the University of Wisconsin, no. 303. High school series no. 7)
 "This manual is intended to supply material for a year's course in Moral Instruction in the high school. . . . The principal aim of the course is to develop a habit of thoughtfulness about the problems of daily conduct."—Introduction.
1228. **Sisson, Edwa. O.** An educational emergency. Atlantic monthly, 106: 54-63, July 1910.
1229. **Tufts, James Hayden.** The school and modern life; the problem of moral education in the public schools as affected by the changed conditions in industry and home life. Religious education, 4: 343-48, October 1909.
1230. **Votaw, Clyde Weber.** Moral training in the public schools. [Chicago, University of Chicago press, 1909] Caption-title, 295-306 p. 8°. Reprinted from the Biblical world, 34: 295-306, November 1909.
1231. **Welton, J. and Blandford, F. G.** Principles and methods of moral training with special reference to school discipline. London, W. B. Clive, University tutorial press, 1909. 262 p. 12°.
 "A work that may well become a classic on the question of moral training."—Contemporary review, February 1910, lit. sup., p. 10-12.

RELIGIOUS EDUCATION

1232. **Religious education association.** The Religious education association, 1910. List of officers and members. Constitution and other information. Religious education, 5: 535-96, December 1910. (H. F. Cope, general secretary, 332 South Michigan avenue, Chicago, Ill.)
1233. **Coe, George Albert.** Can religion be taught? In The inauguration of George Albert Coe, Ph. D., LL. D., as Skinner and McAlpin professor of practical theology. New York, Union theological seminary, 1909. p. 14-27.
1234. ———. Psychological aspects of religious education. Psychological bulletin, 6: 185-87, June 15, 1909.
1235. **Danks, William.** The teaching of religion to children. Parents' review, 20: 658-66, September 1909.
1236. **Dawson, George E.** The child and his religion. Chicago, The University of Chicago press, 1909. 124 p. 12°. CONTENTS.—1. Interest as a measure of values.—2. The natural religion of children.—3. Children's interest in the Bible.—4. The problem of religious education.
1237. **Fuller, Bampfylde.** Saul among the prophets: a philosopher's plea for religious education. Nineteenth century and after, 66: 1032-40, December 1909.
1238. **Gray, H. B.** The religious training of children. Parents' review, 20: 493-500, July 1909.
 Address delivered before Brighton branch of Parents' national educational union.
1239. **Holmes, Jesse H.** The public school and the church: how can each help the other? Religious education, 5: 37-45, April 1910.

1240. **Jahn, M.** *Sittlichkeit und religion.* Leipzig, Dürschke buchhandlung, 1910. vi, 330 p. 8°. "Literaturverzeichnis," p. 318-21.
1241. **Jones, Alonso Trévier.** *The place of the Bible in education.* Oakland, Cal., Pacific press publishing company [1909?] 246 p. 12°.
1242. **Pam, Max.** *The place of religion in good government.* Notre Dame, Indiana, The University press [1910] 37 p. 12°.
1243. **Payne, Bruce E.** *Religious education and rural communities.* Religious education, 5 : 131-35, June 1909.
1244. **Porter, David B.** *Adventures in religious education.* Journal of education, 70 : 206-7, September 2, 1909.
1245. *The reform movement in religious education.* Educational review, 40 : 104-7, June 1910.
1246. **Sadler, Michael E.** *Teachers and the religious lesson.* Educational review, 39 : 32-52, January 1910.
1247. **Show, Arley Barthlow.** *The movement for reform in the teaching of religion in the public schools of Saxony.* Washington, Government printing office, 1910. 45 p. 8°. (United States Bureau of education. Bulletin, 1910, no. 1)
1248. **Soares, Theodore Gerald.** *Religious training for the high school age.* Religious education, 4 : 451-57, December 1909.
1249. **Swain, Joseph.** *Religious education and the public schools.* Religious education, 4 : 348-52, October 1909.
1250. **Thomas, H. Arnold.** *The relation of religion to moral education.* Parents' review, 21 : 510-18, 601-10, July, August 1910.
1251. **Thomas, Isaac.** *The Bible as a text-book in the public high schools.* School review, 17 : 705-12, December 1909.

Universities

1252. *Conference of church workers in state universities.* Report of third annual meeting, held at the University of Wisconsin, Madison, February 15, 16, 17, 1910. Edited by Charles Josiah Galpin [and] Richard Henry Edwards. Madison, Wis., May 1910. 91 p. 8°.
1253. **Cooper, Clayton Sedgwick.** *College men and the Bible.* Century magazine, 80 : 145-51, May 1910.
1254. ———. *The discovery of the Bible by North American college men.* American college, 1 : 413-17, February 1910.
1255. **Hazard, Caroline.** *The college year; vesper addresses in Wellesley college chapel, by the president.* Boston and New York, Houghton Mifflin company, 1910. viii, 213 p. 8°.
1256. **Jordan, Louis Henry and Labianca, Baldassare.** *The study of religion in the Italian universities.* London [etc.] H. Frowde, Oxford university press, 1909. 324 p. 12°.
- "An interesting and valuable contribution to the question as to the part which university scholarship plays in the evolution of religion is furnished."—American journal of theology, April 1910, p. 304.
1257. **Lowry, H. H.** *Religious education in the institutions of higher learning in China.* Religious education, 4 : 508-15, December 1909.

1258. MacLean, George E. The State university of Iowa plan for religious education. Religious education, 4 : 159-65, June 1909.
1259. Northrop, Cyrus. Religious instruction in the state university. Religious education, 4 : 155-59, June 1909.
1260. Scott, William A. The college fraternity as a factor in the religious and moral life of students. Religious education, 4 : 323-27, October 1909.
1261. Thompson, William O. Church and state university; the relation of the churches to the non-denominational colleges and universities. Religious education, 5 : 109-16, June 1910.
1262. Tucker, William Jewett. Personal power; counsels to college men. Boston and New York, Houghton Mifflin company, 1910. 284 p. 8°.
1263. Wenley, B. M. The Ann Arbor school of religion. Independent, 68 : 1074-75, May 19, 1910.

The Sunday School

1264. Foster, Eugene Clifford. Starting to teach. For the leaders of boys' Bible classes. New York, Young men's Christian association press, 1910. 127 p. 12°.
1265. Oliver, Charles A. Preparation for teaching. A standard course for teacher training. Philadelphia, The Westminster press, 1910. x, [133] p. 12°.
Approved by the Committee on education of the International Sunday school association.
"Reference books," p. [133]
1266. Patten, Fred Lewis. Elements of religious pedagogy; a course in Sunday school teacher-training. New York, Eaton & Mains; Cincinnati, Jennings & Graham [1909] 224 p. 8°.
1267. Rivington, J. A. How to teach and catechise. A plea for the employment of educational methods in the religious instruction of children. Preface by the Rt. Rev. Lord Bishop of Gloucester. London, Pitman, 1910. 197 p. 8°.
1268. Smith, William Walter. Religious education; a comprehensive textbook. Milwaukee, Young Churchman co., 1909. 509 p.
CONTENTS.—1. The scope and aim of religious instruction.—2. The teacher, his character and training.—3. The child and child-study, or the process of mind growth.—4. The lesson and its preparation.—5. The curriculum.—6. The class.—7. The school and its organization.—8. The history of religious education. "The outcome of a wide demand for a complete handbook, covering fully all phases of religious education in the Church."—Pref.

CHURCH AND EDUCATION

1269. Gailor, Thomas Frank. The Christian church and education; the Bedell lectures, 1909, delivered at Kenyon college. New York, T. Whittaker, inc. [1910] 104 p. 8°.
1270. Haas, John A. W. The church and the college. Educational review, 38 : 273-81, October 1909.
A rejoinder to H. S. Pritchett's "Relations of Christian denominations to colleges."
1271. Holliday, Carl. Can the church college survive? American college, 1 : 489-93, March 1910.
1272. Johnston, Hugh. Are denominational colleges a necessity? New York, Board of education of the Methodist Episcopal church, 1909. 15 p. 8°.
1273. Kellerman, Ivy. The denominational college. Popular science monthly, 76 : 358-69, April 1910.

1274. **Moffatt, James D.** The debt of the nation to the denominational college. Religious education, 5 : 46-51, April 1910.
1275. **Parayre, R.** L'église et l'école. Lyon, Impr. E. Vitte, 1910. 45 p. 8°. Extrait de "l'Université catholique."
1276. **Willett, Herbert L.** Church and education. Religious education, 5 : 158-64, June 1909.

Denominational Schools

1277. **Kelly, Robert Lincoln.** Influence of Friends on American education. Earlham, Ind., Board of trustees of Earlham college, 1909. 16 p. 8°. (The Earlham college bulletin. vol. VII, no. 1, October 1909, supplement)

Y.-M. C. A.

1278. **Young men's Christian associations.** International committee. Educational department. Information, statistics, and suggestions. Annual report for 1908-1909. New York, Young men's Christian association press [1909] 68 p. 12°.

INTERNATIONAL CONCILIATION

1279. **American school peace league.** First annual report, October 1909. Boston [1909] 52 p. 8°. (Mrs. Fannie Fern Andrews, secretary, 405 Marlborough st., Boston, Mass.)

The American school peace league was organized in 1908, "to promote, through the schools and the educational public of America, the interests of international justice and fraternity."

Contains: 1. N. M. Butler: The international peace movement, p. 36-37. 2. J. M. Greenwood: Saving nations from themselves, p. 38-47. 3. W. F. Gordy: Teaching peace in the schools through instruction in American history, p. 48-52.

1280. **Lake Mohonk conference on international arbitration.** Report of the fifteenth annual meeting, May 19, 20 and 21, 1909. [New York & Boston] Lake Mohonk conference on international arbitration, 1909. 203 p. 8°. (H. O. Phillips, corresponding secretary, Mohonk Lake, N. Y.)

Contains: 1. P. S. Moxom: What practical education can do for peace, p. 115-16. 2. A. D. White: The colleges and international arbitration, p. 129-30. 3. A. D. White: Report of committee on colleges and universities, p. 130-32. 4. List of colleges and universities co-operating with the Lake Mohonk conference, p. 132-37. 5. W. H. P. Faunce: How we may educate for peace, p. 137-41. 6. L. L. Hobbs: Colleges in their relation to arbitration, p. 143-46. 7. F. C. Bray: Home education regarding the friendship of nations, p. 174-80.

1281. **Fess, S. D.** The influence of the public school for the peace of the world. Ohio educational monthly, 59 : 216-19, May 1910.

1282. **Ginn, Edwin.** An international school of peace. Journal of education, 70: 399-400, October 21, 1909.

Reprinted from Nation, 89: 275-76, September 23, 1909.

1283. **Macnaughton, Mrs. Myra I. (Kelly)** The American public school as a factor in international conciliation. New York city, American association for international conciliation, 1909. 11 p. 12°. (International conciliation, November 1909, no. 24)

Also in Kindergarten-primary magazine, 22 : 169-70, 177-78, January, February 1910.

1284. **Naamyth, George W.** The peace movement in the colleges. Independent, 68 : 362-65, February 17, 1910.

1285. **Wylie, F. J.** Cecil Rhodes and his scholars as factors in international conciliation. New York city, American association for international conciliation, 1909. 14 p. 12°. (International conciliation, December 1909, no. 25)

IV. TYPES OF EDUCATION

HUMANISTIC EDUCATION

1286. **Classical conference**, *Ann Arbor, Mich.*, 1909. The value of humanistic, particularly classical, studies as a training for men of affairs; a symposium from the proceedings of the Classical conference held at Ann Arbor, Michigan, April 3, 1909. [Chicago? 1909] 40 p. 8°. (University bulletin. new ser., vol. x, no. 21)

"Reprint from the School review, June, September 1909."

CONTENTS.—Letters [by] James Bryce, James Loeb, William Sloane.—The study of the classics as a training for men of affairs [by] J. W. Foster.—The study of Latin and Greek as a training for practical life [by] C. R. Williams.—The value of the study of Greek and Latin as a preparation for the study of science [by] H. W. Wiley.—The classics and modern life [by] J. B. Scott.

As a member of the Committee of nine of the Classical association of the Middle West and South, Dr. Wiley sent "a circular letter to one hundred prominent scientific men in the United States, teachers, and others, for the purpose of eliciting information respecting their attitude toward the promotion of classical learning and their estimation of its value." The replies are contained on pages 26-32 of Dr. Wiley's paper.

1287. **Benson, Arthur C.** Humanistic education without Latin. *Cornhill magazine*, 101 : 229-35, February 1910.

A paper read at the Cambridge meeting of the Modern language association. Reply by W. H. D. Rouse, entitled "Humanistic education not without Latin," *Cornhill magazine*, 102 : 45-50, July 1910. Both articles reprinted in *Living age*, 264 : 737-42, March 19, 1910; 266 : 433-37, August 13, 1910.

1288. **Edmiston, Homer.** A classical education in America. *Atlantic monthly*, 104 : 260-73, August 1909.

1289. **Lebrun, Hector.** Moins de Grec et de Latin! Plus de sciences naturelles!! Bruxelles, Misch & Thron; Paris, Marcel Rivière, 1910. 71 p. 16°.

1290. **Snow, T. C.** How to save Greek and other paradoxes of Oxford reform. Oxford, B. H. Blackwell, 1910. 86 p. 12°.

1291. **Storr, F.** Humanistic education without Latin. *Journal of education* (London) n. s. 32 : 101-3, February 1910.

A paper read at the Cambridge meeting of the Modern language association.

1292. **Ziellinskii, Feddei Frantsevich.** Our debt to antiquity; tr., with introduction and notes, by H. A. Strong and H. Stewart. London, G. Routledge & sons; New York, E. P. Dutton & co., 1909. xvi, 240 p. 16°.

"Lectures delivered by Professor Ziellinskii of St. Petersburg university in the spring of 1903 to the highest classes of the secondary schools in the capital."

VOCATIONAL EDUCATION

1293. **Boston.** Superintendent of public schools. Boston public schools. Annual report of the superintendent. (Stratton D. Brooks, superintendent) Boston, Printing department, 1910. 157 p. plates. 8°. (School document no. 10, 1910)

Exhibiting especially situation with regard to vocational education and vocational direction.

1294. **Bustico, Guido.** L'educazione vocazionale e la scuola. Desenzano, F. Legati e c., 1909. 16 p. 8°.

1295. **Dean, Arthur D.** Vocational education; a reprint from the Annual report of the Education department, submitted January 1910. Albany, New York State Education department, 1910. 28 p. 8°.

1296. **Dodd, Alvin E.** Better grammar grade provision for the vocational needs of those likely to enter industrial pursuits. *Manual training magazine*, 11 : 97-109, December 1909.

1297. **Flexner, Mary.** A plea for vocational training. *Survey*, 22 : 650-55, August 7, 1909.

Based on a study of one thousand children who left school to work.

1298. **Gillette, John Morris.** Vocational education. New York, Cincinnati [etc.] American book company [1910] vii, 303 p. 12°.

"An interesting, but not particularly profound book, in which he sets out in summary form the development of vocational training and its many manifestations in modern and contemporary life and thought. The book is suggestive rather than satisfying."—*Educational review*, December 1910, p. 536.

1299. **Henderson, C. Hanford.** What is fundamental in vocational education? *Sloyd record*, no. 13 : 8-18, February 1910.

1300. **High school teachers association of New York City.** Choosing a career; a circular of information for boys. New York, Students' aid committee [1909] 22 p. 8°.

1301. ——— Choosing a career; a circular of information for girls. New York, Students' aid committee [1909] 26 p. 8°.

1302. ——— Students' aid committee. Directing young people in the choice of a vocation. [Brooklyn, N. Y.] Printed for the Student's aid committee [1910] 16 p. 8°.

1303. **Lodge, Thornton H.** Vocational subjects in the secondary school. *Educational review*, 39 : 333-41, April 1910.

1304. **McKeever, William A.** Assisting the boy in the choice of a vocation. Manhattan, Kans., 1909. 15 p. 8°. (The Industrialist, v. 35, no. 41, June 26, 1909)

1305. **Miller, William T.** Vocation-teaching. *Atlantic monthly*, 104 : 644-47, November 1909.

1306. **Mittenzweh, L.** Die berufswahl. Leipzig, Dürr, 1910. xv, 217 p. 8°.

1307. **Monaghan, J. C.** Vocational training and the manufacturer. *American school board journal*, 39 : 6-7, September 1909.

1308. **Rapp, Eli M.** Vocational possibilities in country schools. [Harrisburg? 1909] 14 p. 8°.

1309. **Snedden, David.** The movement for vocational education and its probable effects on liberal education. *American education*, 13 : 252-55, 300-4, February, March 1910.

1310. ——— The problem of vocational education. Boston, New York [etc.] Houghton Mifflin company [1910] vi, 86 p. 12°. (Riverside educational monographs, ed. by H. Suzzallo)

A concise but comprehensive survey of present conditions and prospects in this important educational field, by an authority of national reputation.

1311. **Webster, Homer J.** Breadth in education and the choice of a career. *Ohio educational monthly*, 58 : 485-88, September 1909.

MANUAL TRAINING

1312. **Eastern manual training association.** Proceedings, fifteenth annual convention, held at Business high school, Washington, D. C., April 13, 14, 15, 1908. [Springfield, Mass., The F. A. Bassette company] 1908. 122 p. 8°. (Irene E. McDermott, secretary, Allegheny, Pa.)

Contains: 1. J. C. Park: Fundamental principles of manual training, p. 15-18. Discussion, p. 19-21. 2. W. J. De Catur: The content of the course of study for the grades and high school, p. 22-25. 3. O. E. Myers: Correlation based on social and individual needs, p. 26-31. Discussion, p. 32-34. 4. A. E. Dodd: Hand work training for the normal student, p. 42-48. 5. T. D. Benson: The needs of rural schools, p. 55-61. 6. Mrs. Ada Williams: The social value of domestic science training, p. 77-80. 7. Sarah E. Bowers: Aims of domestic science in the elementary schools, p. 81-84.

1313. **Western drawing and manual training association.** Proceedings of meeting held at Central high school, Saint Louis. Sixteenth annual report, 1909. [Bloomington, Ill., Pantagraph ptg. and sta. co., 1910] 208 p. 8°.
- Contains: 1. C. H. Walker: Art in education, p. 17-27. 2. J. S. Ankeney: The place and scope of art education in the university, p. 28-35. 3. H. Smith: Art as an integral part of university work, p. 36-39. 4. F. O. Sylvester: Esthetic and practical values in art courses, p. 40-45. 5. E. H. Wuerpel: The art school as a factor in community progress, p. 46-47. 6. F. M. Mann: Cooperation among art workers in universities, p. 48-50. 7. E. H. Wuerpel: The relation of the art school to the university, p. 51-53. 8. Janette Rettler: Art from the standpoint of the normal school, p. 54-56. 9. L. S. Silke: Color training in the schools, p. 57-65. 10. Jeanette Buckley: The aims of the art teacher, p. 66-67. 11. E. A. Batchelder: The study and practice of design, p. 68-73. 12. E. D. Day: The socio-economic value of domestic art in the education of future home makers, p. 87-92. 13. C. M. Gibbs: Preparation necessary for a teacher of domestic arts, p. 93-100. 14. K. F. Steiger: The place of the study of clothing in the life of a girl, p. 101-3. 15. C. M. Gibbs: Household arts in the grades, p. 105-8. 16. C. M. Woodward: History and influence of the manual training movement, p. 122-30. 17. C. F. Perry: Trade teaching in the public schools, p. 131-42. 18. Ida H. Clark: The working out of the arts in the schools, p. 151-53. 19. L. W. Wahlstrom: Controlling ideas in the working out of a course of study in the arts, p. 154-57. 20. Florence Ellis: The manual arts in the primary grades, p. 158-59.
1314. ———. Seventeenth annual report, Minneapolis, 1910. [Oak Park, Ill., Oak leaves company, 1910] 239 p. 8°.
- Contains: 1. H. T. Bailey: How to study pictures, p. 17-29. 2. May Gearhart: The grade teacher's art problem, p. 30-35. 3. H. N. Winchell: Problems involved in the introduction of the industrial arts in the elementary schools, p. 36-42. 4. L. A. Bacon: Correlation of art and manual training in grade schools, p. 43-44. 5. H. Wood: The correlation of art and manual training in high schools, p. 45-51. 6. O. L. McMurtry: Bookbinding in grade schools, p. 52-55. 7. W. Sargent: Fine and industrial art in public education, p. 56-62. 8. R. W. Selvidge: Industrial education from the viewpoint of organized labor, p. 63-74. 9. E. M. Church: Relative values of subjects in school courses of study, p. 76-80. 10. C. Reed: Creative picture study, p. 81-88. 11. A. F. Payne: The correlation of metal work and design in the grammar and high school, p. 90-94. 12. D. Upton: Is manual training worth while?, p. 95-100. 13. Mary S. Snow: Correlation of household arts with other subjects of the curriculum, p. 107-10. 14. A. P. Norton: Domestic science in public schools in relation to the pure food law, p. 112-15. 15. O. Heller: Art as a liberal study, p. 126-29. 16. J. Jastrow: The place of the study of art in a college course, p. 130-34. 17. Henriette Clopath: The scope and organization of art instruction in the A. B. course, p. 136-39. 18. H. R. Cross: The college degree in fine arts, p. 140-42. 19. H. Smith: The future of the university round table, p. 143-46. 20. C. A. Bennett: Some suggestive features of industrial education in Germany, p. 147-56.
1315. **Bailey, Henry Turner.** Instruction in the fine and manual arts in the United States; a statistical monograph. Washington, Government printing office, 1909. 184 p. 8°. (U. S. Bureau of education. Bulletin, 1909, no. 6)
- "References to publications containing statistical data on instruction in the manual and fine arts": p. 182.
1316. **Bennett, Charles A.** Visiting manual training schools in Europe. I, II, III, IV, V. Manual training magazine, 11: 1-26, 109-34, 214-36, 345-65, 440-55, October, December 1909, February, April, June 1910.
1. London. 2. Oxford and Birmingham. 3. Leicester and Sheffield. 4. Manchester and Leeds. 5. Glasgow and Edinburgh.
1317. **Berry, Thomas W.** The pedagogy of educational handicraft. London, Glasgow [etc.] Blackie & son limited, 1909. 100 p. 12°.
- Bibliography: p. 97-100.
- "Makes no pretence to originality, but gives in a small compass the utterances of eminent educationists on the subject and other practical information not easily accessible. Thus we have an estimate of the cost of materials and fittings for a workshop, examination questions for teacher's diploma, and a bibliography."—*Journal of education* (London) April 1910, p. 256.
1318. **Bhabha, H. J.** Special report on manual training in schools of general education. Bangalore, Government press, 1909. 145 p. illus. 8°.
1319. **Binns, Charles L. and Marsden, Rufus E.** Principles of educational woodwork, a handbook for teachers and others interested in education. London, J. M. Dent & co.; New York, E. P. Dutton & co. [1909] viii, 310 p. 12°.
- "The teacher and his reading": p. 61-71.
- Suggestions for teaching woodwork, with emphasis on the need that manual training teachers be as well equipped on the pedagogical side as teachers of other subjects.

1320. **Boone, Cheahire Lowton.** A course of study in manual training—VII, VIII. Manual training magazine, 11 : 46-58, 410-17, October 1909, June 1910.
1321. ——— Pottery craft in schools. I, Equipment; II, Building processes; III, Design. School arts book, 9 : 118-26, 329-40, 925-34, October, December 1909, May 1910.
1322. **Clark, Ida Hood.** Manual arts in open air schools. School arts book, 9 : 1045-51, June 1910.
1323. **Davis, B. M.** The present status of manual training in its relation to industrial education in the rural schools. Manual training magazine, 11 : 456-61, June 1910.
1324. **Great Britain. Board of education.** Manual instruction in public elementary schools. London, Printed for H. M. Stationery off., by Eyre & Spottiswoode, 1910. iv, 34 p. 8°.
1325. **Noyes, William.** The ethical values of the manual and domestic arts. Manual training magazine, 11 : 201-13, February 1910.
1326. ——— Handwork in wood. Peoria, Ill., Manual arts press, 1910. 231 p. illus. 8°.
"General bibliography": p. 4-6.
1327. **Rathmann, Carl Gustav.** The mission of manual training; an address . . . before the graduating class of the Manual training school of Washington university, June 23, 1909. With an appendix containing the opinions of educators in England, Germany, Austria and Australia. [St. Louis] The Managing board of the school [1909] 23 p. 8°.
1328. **Reading, Pa. Board of education.** Report of superintendent on manual training. (C. S. Foss, superintendent.) *In its Minutes*, March 23, 1909. p. 34-72. Also in its Biennial report, 1907-1909, p. 514-50.
Contains synopsis of detailed information secured by means of a questionnaire sent to one hundred cities.
1329. **Row, Robert Keable.** The educational meaning of manual arts and industries. Chicago, Row, Peterson and company [1909] 248 p. 12°.
1330. **Sargent, Walter.** Place of manual arts in the secondary schools. School review, 18 : 99-107, February 1910.
1331. **Selden, Frank Henry.** The equipment of manual training departments in the public schools. American school board journal, 41 : 4-5, 30, July 1910.
1332. ——— [1] Manual training and industry. [2] Methods of instruction in manual training. [3] Our duty toward the manual training movement. American school board journal, 40 : 3, 28, January 1910; 3, 18, February 1910; 15-16, March 1910.
1333. **Sloan, Percy H.** The organization of the arts in the high schools. Educational bi-monthly, 4 : 182-90, February 1910.
1334. **Williams, S. Horace.** The educative value of manual training. I, II, III. Manual training magazine, 11 : 36-45, 158-67, 252-60, October, December 1909, February 1910.

INDUSTRIAL AND TRADE EDUCATION

1335. **National society for the promotion of industrial education.** A descriptive list of trade and industrial schools in the United States. Prepared by Edward H. Reiser. New York city, National society for the promotion of industrial education, August 1910. 123 p. 8°. (*Its Bulletin*, no. 11)

1336. **National society for the promotion of industrial education.** Industrial education . . . Communication from C. R. Richards, president of the National society for the promotion of industrial education, transmitting reports by a committee of the society on the subject, together with resolutions urging upon Congress an appropriation to enable the Department of education to develop schools for industrial training . . . [Washington, Government printing office, 1910] 8 p. 8°. ([United States.] 61st Cong., 2d sess. Senate. Doc. 516)
1337. ———. **Proceedings of the third annual meeting, Milwaukee, Wis., December, 1909.** New York, National society for the promotion of industrial education, 1910. 204 p. 8°. (*Its Bulletin*, no. 10) (Edward H. Reiser, secretary, New York)
1338. ———. **Report of the Committee of ten on the relation of industrial training to the general system of education in the United States.** New York city, National society for the promotion of industrial education [1910] 16 p. 8°. Includes Preliminary report of the Committee of ten, H. S. Pritchett, chairman, submitted at the second annual meeting of the Society, Nov. 19-21, 1908, and Final report, submitted at the third annual meeting, Dec. 2-4, 1909.
1339. ———. **New York State Branch.** Proceedings of the second annual convention, held at Rochester, N. Y., November 19, 1909. Brooklyn, N. Y., Guide printing and publishing company, 1910. 98 p. 8°. (Arthur L. Williston, secretary-treasurer, Brooklyn, N. Y.) Contains: 1. J. F. McElroy: President's address, p. 7-8. 2. Rush Rhees: The national importance of industrial education, p. 9-17. 3. Mary S. Woolman: Industrial education for girls, p. 18-23. 4. E. G. Miner: Industrial education from the point of view of the manufacturer, p. 24-33. 5. P. M. Strayer: Industrial education from the point of view of the workman, p. 34-47. 6. Charles De Garmo: Industrial education in relation to race development, p. 48-57. 7. G. M. Forbes: The factory school of Rochester, p. 58-67. 8. A. D. Dean: Preparatory trade schools in other parts of New York State, p. 68-71. 9. C. W. Cross: The apprenticeship system of the New York Central lines, p. 72-86. 10. G. H. Vose: Industrial schools in Beverly, Mass., p. 91-98.
1340. **Alexander, Magnus W.** The training of men—a necessary part of a modern factory system. [New York, 1910] p. [33]-49. 8°. Reprint from the Journal of the American society of mechanical engineers [January 1910].
1341. **American federation of labor.** Industrial education; consisting of an investigation and report by a competent special committee; reports of officers and committees; action of A. F. of L. convention; the attitude of organized labor and others toward the problem . . . 1st ed. Washington, D. C., American federation of labor, 1910. 68 p., 1 l. 8°.
1342. **American foundrymen's association. Committee on industrial education.** Report of Committee on industrial education . . . [n. p., 1909] 5-12 p. 8°. P. Kreuzpointner, chairman. Cincinnati convention, 1909.
1343. **Arnold, Sarah Louise.** The Sargent industrial school; a successful experiment in industrial training. Survey, 24 : 32-39, April 2, 1910.
1344. **Barney, Edgar S.** Industrial training of boys. American education, 13 : 257-60, February 1910.
1345. **Brooks, Stratton D.** Industrial education. Journal of education, 70 : 597-99, 627-28, December 9, December 16, 1909.
1346. **Carman, George N.** Co-operation of school and shop in promoting industrial efficiency. School review, 18 : 108-14, February 1910.

1347. **Dean, Arthur D.** Industrial education and a state policy; an address before the National society for the promotion of industrial education, Milwaukee, December 3, 1908, by Arthur D. Dean, chief, Division of trades schools, New York state education department. Albany, New York state education department, 1910. 16 p. 8°.
1348. ——— A state policy of promoting industrial education. *Journal of education*, 70: 681-82, 71: 6-7, 35-36, 62-63, 144-45, December 30, 1909, January 6, January 13, January 20, February 10, 1910.
1349. **Dooley, William H.** Practical education for industrial workers. *Educational review*, 38: 261-72, October 1909.
1350. **Draper, Andrew S.** The necessary groundwork of industrial training. *Journal of education*, 70: 568-69, December 2, 1909.
1351. **Eaton, James Shirley.** Education for efficiency in railroad service. Washington, Government printing office, 1909. 159 p. 8°. (United States Bureau of education. Bulletin, 1909, no. 10)
"After an extensive examination of the problem involved in the present day situation, Mr. Eaton proceeds to outline a scheme looking toward an improvement of present conditions."—*Nation*, April 21, 1910, p. 408-9.
1352. **Haese, Arthur.** Brief history of industrial schools in Germany, tr. by Bertha Reed Coffman. *Manual training magazine*, 11: 418-25, June 1910.
1353. **Haney, James Parton.** The National society for the promotion of industrial education. *Manual training magazine*, 11: 27-35, October 1909.
A brief review of the activities of the National society.
1354. Industrial training in the Philippine school of arts and trades and the Iloilo trades school. *Philippine education*, 6: 12-16, February 1910.
1355. **Kimmins, C. W.** Trade schools in London. *Elementary school teacher*, 10: 209-19, January 1910.
1356. **Kreuzpointner, Paul.** Constructive industrial education. *American machinist*, 33: 343-44, August 25, 1910.
By the chairman of Industrial education committee, American foundrymen's association.
1357. ——— Industrial education: Germany vs. United States. *Pennsylvania school journal*, 58: 219-22, November 1909.
1358. **Lovejoy, Owen R.** Will trade training solve the child-labor problem? *North American review*, 191: 773-84, June 1910.
1359. **Magruder, William T.** Industrial education. *Ohio educational monthly*, 59: 120-23, March 1910.
1360. **Maine. Committee on industrial education.** Report of the Committee on industrial education, 1910. Augusta, Kennebec journal print, 1910. 72 p. fold. diagr. 8°.
Contains report and recommendations of special committee created by the Legislature of 1909. To be found also as chapter I in annual report of the state superintendent for 1910.
1361. **Maryland. Commission on industrial education.** Report of the Commission to make inquiry and report to the legislature of Maryland respecting the subject of industrial education, 1908-1910. Baltimore, G. W. King printing co., state printers [1910] 121 p. illus. 8°.
1362. **National association of manufacturers of the United States of America. Committee on industrial education.** Report of Committee on industrial education; presented at the fourteenth annual meeting, New York, May 17, 18 and 19, 1909. [n. p., 1909] 19 p. 8°.

1363. **National metal trades association.** Synopsis of proceedings of the twelfth annual convention, April 13-14, 1910, New York City. [n. p. 1910] 168 p. 8°. (Robert Wuest, commissioner, New England building, Cleveland, O.)
Contains: 1. W. B. Hunter: The Fitchburg plan of industrial education, p. 25-31. 2. Herman Schneider: Growth of co-operative system, p. 32-35. 3. F. B. Dyer: A plea for continuation schools, p. 36-41. 4. Report of Committee on industrial education, p. 42-45. 5. C. A. Bogkwalter: Winona technical institute, p. 58-61. 6. J. H. Renshaw: Cincinnati's continuation school, p. 91-93. 7. D. S. Kimball: Industrial education, p. 161-64.
1364. **Orth, Samuel Peter.** Industrial education, an address . . . at the dedication of the Cleveland technical high school, April fifteenth, 1909. Cleveland, Printed at the Technical high school printshop [1909] 6 p. 8°.
1365. **Paddelford, Fred L.** Short addresses on industrial training, The American boy (Handle with care); Thanksgiving; Industry the golden pass key. Golden, Colorado [The Industrial school press, 1909] [72] p. 24°.
1366. **Richards, Charles E.** Industrial training; a report on conditions in New York State. Albany, State dept. of labor, 1909. 394 p. 8°. (New York. Bureau of labor statistics. 26th Annual report for 1908, Part 1)
CONTENTS.—General summary.—Conditions of entrance and advancement in individual industries.—Attitude of labor unions toward industrial and trade schools.—Comments by employers on industrial training.—Rules and agreements of labor unions in regard to apprentices and helpers.—Laws of New York State relating to child labor, compulsory education, apprenticeship, and industrial education.—Institutions offering courses in industrial training in New York State.—Selected bibliography on industrial education.
1367. **Robinson, James Harvey.** The significance of history in industrial education. Educational bi-monthly, 4: 378-89, June 1910.
"Read before the superintendents of schools of the larger cities at the meeting of the National education association at Indianapolis, March 2, 1910."
1368. **Scheer, Meyer.** Industrial work. Philippine education, 6: 22-23, November 1909.
1369. **Schneider, Herman.** Fundamental principles of industrial education. [New York, 1909] 307-16 p. 8°.
A paper to be presented at a special meeting of the American Institute of electrical engineers, New York, April 16, 1909.
Subject to final revision for the Transactions.
1370. **Selden, Frank Henry.** Attitude of pupils in shop work. American school board journal, 39: 5, December 1909.
1371. **Selvidge, Robert W.** Industrial education from the viewpoint of organized labor. American school board journal, 40: 6-7, 27, June 1910.
1372. **Whitfield, H. L.** Industrial education. Mississippi school journal, 14: 7-10, January 1910.
1373. **Wilson, B. N.** Industrial education as a business investment. American school board journal, 40: 3, May 1910.
1374. **Woolman, Mary Schenk.** The making of a trade school. Boston, Whitcomb & Barrows, 1910. 101 p. 12°.
An account of the history, organization, and work of the Manhattan trade school for girls, New York city.
Public Schools
1375. **Ashmore, Sidney G.** A word on industrial education in the public schools. American education, 13: 404-6, May 1910.
1376. **Bailey, Henry Turner.** Elementary schools as a factor in industrial education. Manual training magazine, 11: 297-301, April 1910.

1377. **Downing, Augustus S.** The meaning of industrial education to the elementary schools. *School work*, 8: 353-57, February 1910.
1378. **Elliott, Edward C.** Industrial education; summary of legislation concerning industrial education in public elementary and secondary schools. [Madison, Wis., American association for labor legislation] 1909. 16 p. 8°.
1379. **Ferguson, James.** Industrial education in high schools. *Sierra educational news*, 5: 28-35, November 1909.
1380. **Hanus, Paul H.** Public trade schools. A stenographic report of a commencement address delivered May 1909. (Bulletin of the Winona technical institute, August 1910.)
1381. **Hunter, W. B.** The Fitchburg plan of industrial education. *School review*, 18: 166-73, March 1910.
1382. **Kent, Ernest B.** The elementary curriculum and the industries. *Education*, 30: 582-90, May 1910.
1383. **National education association of the United States. Department of manual training.** Committee on the place of industries in public education. Report . . . July 1910. [n. p.] The Association, 1910. 123 p. 8°. Selected bibliography on industrial education, p. 116-23.
1384. **Russell, James E.** The school and industrial life. *Educational review*, 38: 433-50, December 1909.
1385. **Sargent, Walter.** The fine and industrial arts in elementary schools. *Elementary school teacher*, 10: 49-57, 110-20, 220-27, 287-300, 334-46, 415-26, 465-77, October, November 1909, January, February, March, May, June 1910. The series comprises a preliminary general article and a discussion of the work for grades 1 to 8 inclusive.
1386. ———. The place of manual arts in the secondary schools. *School review*, 18: 99-107, February 1910.
1387. **Warriner, Eugene Clarence.** Industrial and vocational training in the public schools. Published by the state superintendent of public instruction. [Lansing] 1909. 10 p. 8°. (Michigan. Dept. of public instruction. Bulletin no. 2. 1909)

TECHNICAL EDUCATION

1388. Concerning the Massachusetts institute of technology. [Boston] Pub. by undergraduates, 1909. 154 p. 12°. "The world at large, unfortunately, knows but little of undergraduate technology, of the opportunities—educational and social—which the Institute has to offer; and the need of a book which should be, in the best sense, descriptive of the school has long been felt by both alumni and undergraduates. The present publication contains information which it is hoped will be equally of interest to prospective students and to those who have just entered the Institute."—Foreword.
1389. **Damm, Paul Friedrich.** Die technischen hochschulen Preussens. Berlin, 1909. viii, 324 p. 4°.
1390. **Evans, Charles S.** Technical training in the Berkeley high school. Berkeley, California, 1910. [22] p. illus. 16°. ([Berkeley, California. Board of education] Pamphlet no. 4)
1391. **Fletcher, Robert.** Results vs. ideals in technical education. *Science*, n. s. 30: 65-78, July 16, 1909. A memorial address on the occasion of the twenty-fifth graduation at Rose polytechnic institute.

1392. **MacIsaurin, Richard C.** The creed of the technical school. American college, 1: 119-23, November 1909.
Extracts from inaugural address.
1393. **Rigillo, Michele.** La nuova scuola tecnica, secondo le riforme proposte dal prof. G. Salcemini e A. Galletti. Cagliari, Tipografia industriale, 1909. 49 p. 8°.
1394. **Senier, Alfred.** The university and technical training. Dublin, Edward Ponsonby, 1910. 29 p. 8°.
1395. Technical education in Germany and the United Kingdom. Nature, 82: 471-74, February 17, 1910.

AGRICULTURE.

1396. **American association of farmers' institute workers.** Proceedings of the fourteenth annual meeting, held at Portland, Oreg., August 16, 17, 1909. Edited by W. H. Beal and John Hamilton. Washington, Government printing office, 1910. 51 p. 8° (U. S. Department of agriculture. Office of experiment stations. Bulletin 225) (John Hamilton, secretary, Department of agriculture, Washington, D. C.)
Contains: 1. D. W. Working: What plan could be adopted by the institute for securing the introduction and continued maintenance the entire year of a movable school in each state and province? p. 38-40. 2. G. A. Putnam: The practicability and advisability of holding separate institutes for women and of organizing rural women's clubs, p. 40-42. 3. L. A. Merrill: What form of organization would be best adapted for women's institutes and rural clubs for women and how should the expenses of such clubs be met? p. 42-45.
1397. **Association of American agricultural colleges and experiment stations.** Proceedings of the twenty-third annual convention, held at Portland, Oreg., August 18-20, 1909. Edited by A. C. True, W. H. Beal and W. O. Thompson. Washington, Government printing office, 1910. 124 p. 8° (U. S. Department of agriculture. Office of experiment stations. Bulletin 228)
Contains: 1. A. C. True: Secondary education in the United States, p. 17-19. Discussion, p. 19-24. 2. L. H. Bailey: The better preparation of men for college and station work, p. 25-32. 3. L. G. Carpenter: Conservation of our natural resources, p. 32-34. 4. K. L. Butterfield: Report of Committee on extension work, p. 34-39. 5. A. C. True, chairman: Report of Committee on history of agricultural education, p. 40-41. 6. A. B. Storms: The distinctive work of the land-grant colleges: their function, scope, and organization, p. 51-57. Discussion, p. 57-65. 7. J. L. Snyder: Entrance requirements for land-grant colleges, p. 65-68. Discussion, p. 68-71. 8. Recommendations regarding extension work, p. 72-79. 9. H. J. Waters: The function of land-grant colleges in promoting collegiate and graduate instruction in agriculture outside of the course of the graduate school, p. 80-84. Discussion, p. 84-86. 10. E. A. Burnett: The function of the land-grant college in promoting agricultural education in secondary schools, p. 87-93. Discussion, p. 93-94. 11. E. J. Wickson and A. B. Cordley: How can agricultural colleges best serve farmers in solving rural problems? p. 94-96, 97-99. 12. E. Davenport and A. D. Selbey: Relation of the director to the members of the station staff, p. 100-2, 103-5. Discussion, p. 106-10.
1398. **Conference on agricultural science.** Proceedings of the second annual Conference on agricultural science in the summer school of agriculture, Amherst, Mass., July 1909. Amherst, Mass., Press of Carpenter & Morehouse, 1910. 58 p. 8°
Contains: 1. M. A. Bigelow: Nature-study and agriculture in rural schools, p. 5-13. 2. W. R. Hart: Elementary agriculture as a subject of study in the grades, p. 14-23. 3. Hannah P. Waterman: Some connections between school studies and the home and industrial activities, p. 24-31. 4. G. F. Warren: Agriculture for high schools, p. 32-43. 5. B. B. Haskell: Relationship of the physical sciences to agriculture, p. 44-49. 6. E. A. Sanderson: Biological sciences in their relation to agricultural science, p. 50-58.

1399. **Abbey, M. J.** Normal school instruction in agriculture. Washington, Government printing office, 1909. 31 p. 8° (U. S. Department of agriculture. Office of experiment stations. Circular 90)
 "If the normal schools generally shall fail to give adequate instruction along the industrial and vocational lines now demanded by the persistent sentiment of the people, they must be content to see this line of teaching preparation pass to other agencies not originally intended for normal work."—p. 31.
1400. **Bailey, Liberty Hyde.** College of agriculture and the state: an address delivered on the occasion of Farmers' week at Cornell university, February 26, 1909. Ithaca, N. Y., Cornell university, 1909. 36 p. 8°
1401. **Barker, Edwin L.** The college and the farm. American educational review, 30 : 599-602, September 1909.
1402. **Brannon, Melvin A.** Higher education and the farm. Educational review, 38 : 451-53, December 1909.
1403. **Crosby, Dick J.** Progress in agricultural education, 1909. Washington, Government printing office, 1910. 251-325 p. illus. 8° (U. S. Department of agriculture. Office of experiment stations)
 Reprinted from Annual report of the Office of experiment stations for the year ended June 30, 1909.
1404. **Davis, Benjamin Marshall.** Agricultural education. Elementary school teacher, 10 : 101-9, 163-76, 277-86, 376-87, 444-52, November, December 1909, February, April, May 1910.
 The United States Department of agriculture, p. 101-9. United States Bureau of education; state departments of education; state legislation, p. 163-76. Agricultural colleges, including extension work, departments of agricultural education, and summer schools for teachers, p. 277-86. State normal schools, p. 376-87. National education association; state and other teachers' associations, p. 444-52. Bibliography follows each article.
1405. **Draper, Andrew S.** Agriculture and its educational needs. Syracuse, N. Y., C. W. Bardeen, 190[9?] 92 p. 12°
 "A plea for keeping the boy on the farm by making the work intelligent, pleasant and profitable."—American educational review, May 1910, p. 512.
1406. Farm life as the basis of practical education. Craftsman, 16 : 243-45, May 1909.
1407. Making good farmers and helping poor farms: a southern school that gives a boy a chance to earn his living by a practical education in agriculture. Craftsman, 18 : 82-85, April 1910.
 Paterson school, Yadkin Valley, Caldwell county, North Carolina.
1408. **Massachusetts. State board of education.** Preliminary notes on an investigation into the needs and possibilities of agricultural education in Massachusetts. Boston, 1910. 17 p. 8°
1409. **Russell, H. G.** Farm boys' encampment, or farm school. Nature-study review, 6 : 119-21, May 1910.
1410. **Sherwood, Herbert Francis.** Children of the land: the story of the MacDonald movement in Canada. Outlook, 94 : 891-901, April 23, 1910.
1411. **United States. Office of experiment stations.** Institutions in the United States giving instruction in agriculture. Washington [Government printing office] 1910. 15 p. 8° (U. S. Office of experiment stations. Circular no. 97)
1412. **Vuyt, Paul de.** L'enseignement agricole et ses méthodes. Bruxelles, A. Dewit, 1909. 354 p. 8°

1413. Waters, H. J. The duty of the agricultural college. *Science*, n. s. 30 : 777-89, December 3, 1909.

Inaugural address of Professor H. J. Waters, on the occasion of his formal installation as president of the Kansas state agricultural college, Manhattan, Kansas, November 11, 1909.

DOMESTIC SCIENCE.

1414. American home economics association. Second annual convention, Boston, December 30, 1909, to January 1, 1910. *Journal of home economics*, 2 : 3-72, February 1910.

Contains: 1. Grace G. Starbird: The relation of domestic art to fine art teaching, p. 19-32. 2. H. B. Knight: Higher education in home economics in Ireland, p. 33-34.

1415. Goodrich, Henrietta I. The relation of household arts to the other subjects in the curriculum. *Moderator-topics*, 30 : 507-10, March 3, 1910.

Read before the Manual training section of Michigan state teachers' association, October 1909.

1416. Gray, Helen Sayr. Domestic science in the schools and colleges. *North American review*, 190 : 200-11, August 1909.

1417. Harmant, Émile. Les écoles ménagères, considérations générales, état actuel de l'enseignement ménager en Europe, et en particulier en Belgique. Desiderata en ce qui concerne ce dernier pays. Rapport présenté [au Congrès de Malines (septembre 1909)] Bruxelles, J. Goemaere, 1909. 27 p. 8°

"Le Congrès catholique de Malines . . . a adopté les vœux présentés par le rapporteur": p. 27.

1418. Home science in various states of the Union. A series of articles in *Good house-keeping*. New York, by Mary R. Ormsbee, 50 : 3-11, January 1910; California, by Margaret M. Doyle, 50 : 225-31, February 1910; Illinois, by Edith B. Kirkwood, 50 : 602-9, May 1910; Massachusetts, by Frances Stern, 50 : 732-38, June 1910.

1419. Hurd, William D. The relation between college and university departments of home economics and the outside community. *Journal of home economics*, 2 : 257-67, June 1910.

1420. Kinne, Helen. Equipment for teaching domestic science . . . with a chapter on the School of household arts, Teachers college, Columbia university. New York city, Teachers college, Columbia university, 1910. 109 p. illus. 8°

"Reprinted from Teachers college record, May 1909."

1421. Martin, Lady Carlaw. Home-making in the schools. *Parents' review*, 20 : 919-26, December 1909.

1422. Oaksley, Hilda D. A university standard in home science. *Journal of education* (London) n. s. 32 : 489-91, July 1910.

1423. Belmann, Carl. Die berufliche ausbildung unserer weiblichen jugend. Minden i. W., A. Hufeland, 1909. 84 p. 8°

1424. Biemer, Eugen. Die schulpflichten im häuslichen leben unserer töchterschülerinnen. Leipzig, H. Haessel, 1909: 57 p. 8°

1425. Van Kleeck, Mary and Barrows, Alice P. How girls learn the millinery trade. *Survey*, 24 : 105-13, April 16, 1910.

PROFESSIONAL EDUCATION (PROFESSIONS AND OCCUPATIONS)

Architecture

1426. Ford, George B. Phases of architectural education. *Technology review*, 12 : 1-6, January 1910.

Commerce and Industry

1427. Stevenson, Adlai B. Education and business leadership. Chicago, University extension association, 1909. 18 p. 8°

Engineering

1428. **Society for the promotion of engineering education.** Proceedings of the seventeenth annual meeting, held in New York city, June 24 to 26, 1909. Volume 17. Ithaca, N. Y., Office of the secretary, Cornell university, 1910. lxxii, 244 p. 8°. (Henry H. Norris, secretary, Cornell university, Ithaca, N. Y.)

Contains: 1. F. E. Turneure: Recent developments and present tendencies in technical education, p. 19-38. 2. The teaching of mathematics to engineering students, The Chicago symposium, p. 39-44. E. V. Huntington: Preliminary report of the committee on the teaching of mathematics to students of engineering, p. 44-48. Discussion, p. 48-50. 3. L. W. Page: Highway engineering, p. 57-62. Discussion, p. 62-66. 4. C. B. Going: The relation of engineering education to industries, p. 67-78. 5. F. W. Taylor: Why manufacturers dislike college students, p. 79-92. Discussion, p. 92-104. 6. L. E. Reber: University extension—"An instrument of the state in its upbuilding," p. 105-12. Discussion, p. 118-30. 7. Robert Fletcher: The five and six-year courses in engineering schools, p. 121-27. 8. W. T. Magruder: The five-year courses, p. 128-33. 9. Charles Derleth, Jr.: The length of an engineering course, p. 134-41. Discussion on five and six-year courses, p. 142-71. 10. Hugo Diemer: Employers' requirements of technical graduates, p. 172-78. 11. M. E. Cooley and J. A. Moyer: Statistics of the graduates in engineering from the University of Michigan, p. 179-91. 12. W. K. Hatt: Regulations governing examinations, p. 192-200. Discussion, p. 200-7. 13. O. B. Zimmerman: Requisite qualifications of an engineering college instructor, p. 208-15. 14. Charles Derleth, Jr.: The summer school problem, particularly for surveying and geodesy, p. 216-37.

1429. **Burr, William H.** Sanitary engineering at Columbia university. Columbia university quarterly, 11: 469-71, September 1909.

Fine Arts

1430. **American federation of arts.** Proceedings of the convention at which the American federation of arts was formed, held at Washington, D. C., May 11, 12, and 13, 1909. Washington, Press of B. S. Adams, 1909. 175 p. 8°.

Contains: Art in the public schools, address by Elmer Ellsworth Brown, p. 50-54, followed by discussion, p. 54-59; Art education in the United States, by Walter Scott Perry, p. 132-40.

1431. ———. Proceedings of the first annual convention, held at Washington, D. C., May 17, 18, 19, 1910. [2]-119 p. 8°. (Supplement to Art and progress, v. 1, no. 9, July 1910) (Leila Mechlin, secretary, 1910)

Contains: 1. J. F. Hopkins: The international congresses on art education, p. 53-67. 2. T. L. Blayney: The history of art in the college curriculum, p. 95-103. 3. M. Carroll: Archeology as an educational factor in the popular appreciation of art, p. 109-12. 4. H. K. Bush-Brown: Art education, p. 112-17.

1432. **Eastern art teachers' association.** Proceedings, New York meeting of the Eastern art teachers' association, May 1908. Joint meeting of the Eastern art teachers' association and Eastern manual training association, Pittsburgh, May 1909. [Newark, N. J., Printed by Baker printing company, 1910] 317 p. 8°. (C. L. Boone, editor, Montclair, N. J.)

Contains: 1. D. W. Ross: The teaching of art in the public schools. What it should be, p. 14-22. 2. H. W. Mable: The creative spirit in teaching, p. 33-48. 3. A. G. Randall: The duties and opportunities of the art supervisor as a citizen, p. 49-58. 4. Stella Skinner: Art teaching in normal schools, p. 59-69. 5. J. P. Haney: Pencil sketching from nature, p. 70-84. 6. Alicia M. Keyes: Experiments in connecting Boston schools with the museum of fine arts and with Fenway court, p. 85-91. 7. W. S. Perry: The study of historic ornament, p. 92-108. 8. M. B. Soper: Should art in the high school be for the talented few? p. 109-11. 9. Walter Sargent: Drawing in intermediate grades, p. 112-14. 10. J. W. Beatty: The relation of the institute to school work, p. 126-32. 11. A. A. Hammerschlag: The influence of arts and crafts on education, p. 133-36. 12. L. S. Thomson: Progressive snap-shot drawing, p. 137-43. 13. Kate C. Simmons: The English schools, p. 144-51. 14. Mary C. Wheeler: The third international congress, London, 1908, p. 152-71. 15. Annie B. Durfee: A justification for cookery in grammar schools, p. 172-74. 16. Helen Livingston: Cooking in the high school, p. 174-76. 17. Miss C. L. West: Domestic science, p. 177. 18. A. E. Dodd: Better grammar grade provision for the vocational needs of those likely to enter industrial pursuits, p. 177-92. 19. E. E. MacNary: Industrial studies in manual training, p. 192-202. 20. S. H. Church: Art for the people, p. 203-8. 21. H. T. Bailey: The interrelations of drawing and making, p. 209-16. 22. S. Hamilton: Three types of educational heart-hunger, p. 217-30. 23. A. W. Dow: Design and nature study by medieval stone cutters, p. 233-41. 24. L. W. Miller: London congress, p. 242-46. 25. G. W. Garwig: The segment or the circle, p. 247-54. 26. Herman Schneider: The cooperative idea in industrial education, p. 257-67. 27. J. F. Barker: Vocational training in a modern technical high school, p. 268-74. 28. Bonnie E. Snow: The planning of a course of study in art instruction for public schools, p. 275-78. 29. Daniel Upton: Elementary manual training is necessary in the new industrial education, p. 279-82.

1433. International congress for the development of drawing and art teaching. Report of the American committee, third International congress for the advancement of drawing and art teaching. [Montclair, N. J., The E. Madison co.] 1909. 16 p. 8°.
1434. Western drawing and manual training association. See 1313, 1314.
1435. Eliot, Charles W. Public art education. School arts book, 9 : 3-10, September 1909.

An address by Dr. Charles W. Eliot, delivered at the annual meeting of the Alumni association of the Massachusetts normal art school, Boston, April 16, 1909. Reprinted from the school magazine, the Centre of vision.

Law

1436. Association of American law schools. Proceedings of the ninth annual meeting, held at Detroit, Mich., August 25-26, 1909. [n. p., n. d.] 140 p. 8°. (William R. Vance, secretary-treasurer, George Washington university, Washington, D. C.)
Reprinted from the Transactions of the American bar association for 1909.
Contains: 1. H. D. Haseltine: Legal education in England, p. 50-111. 2. J. H. Wigmore and F. B. Crowley: A statistical comparison of college and high school education as a preparation for legal scholarship, p. 112-36. 3. H. P. Judson: Education preparatory to a university law school course, p. 137-49.
1437. Terry, Charles T. Law as an education study. Columbia university quarterly, 12 : 25-31, December 1909.

Medicine

1438. American medical association. Council on medical education. Fifth annual conference, held at Chicago, April 5, 1909. Chicago, The Association, 1909. 169 p. 8°. (American medical association bulletin, v. 5, no. 1, September 15, 1909) (N. P. Colwell, secretary of Council, Chicago, Ill.)
Contains: 1. D. Bevan, chairman: Address, p. 1-4. 2. N. P. Colwell, secretary: Report, p. 5-15. 3. Report on medical curriculum, p. 16-24. 4. C. R. Bardeen: Report on anatomy, p. 24-36. 5. E. F. Lyon: Report on organic and physiologic chemistry and physiology, p. 36-46. 6. W. T. Councilman: Report on bacteriology and pathology, p. 46-48. 7. T. Sellmann: Report on pharmacology, toxicology, and therapeutics, p. 48-70. 8. G. Dock: Report on internal medicine, p. 71-81. 9. C. H. Frazer: Report on surgery, p. 81-88. 10. J. B. De Lee: Report on obstetrics and gynecology, p. 88-98. 11. G. E. DaSchweinitz: Report on diseases of the eye, ear, nose, and throat, p. 98-106. 12. W. A. Pusey: Report on dermatology and syphilis, p. 107-8. 13. F. F. Westbrook: Report on hygiene, medical jurisprudence and medical economics, p. 108-32. 14. G. W. Webster: The medical curriculum and state boards, p. 132-35. 15. Fleming Carrow: Character of state license examination, p. 135-38. Discussion, p. 138-55. 16. R. H. Whitehead: Some results of higher standards of preliminary education, p. 155-59. Discussion, p. 159-65.
1439. ——— Sixth annual conference, held at Chicago, Feb. 28 and March 1 and 2, 1910. Chicago, The Association, 1910. [235]-316 p. 8°. (American medical association bulletin, v. 5, no. 3, January 15, 1910) (N. P. Colwell, secretary of Council, Chicago, Ill.)
Contains: 1. A. D. Bevan, chairman: Address, p. 241-52. 2. N. P. Colwell, secretary: Report, p. 252-74. 3. Report of special committee on practical tests at state license examinations, p. 274-78. Discussion, p. 278-84. 4. E. E. Brown, United States Commissioner of education: Standards in medical education as related to standards in general education, p. 284-89. 5. H. S. Pritchett: The obligations of the university to medical education, p. 289-99. 6. J. G. Schurman: The relation of the university to the medical school, p. 299-307. 7. V. C. Vaughan: The functions of a university medical school, p. 307-12. Discussion on the addresses of Dr. Brown, President Pritchett, President Schurman and Dr. Vaughan, p. 312-16.
1440. Association of American medical colleges. Proceedings of the nineteenth annual meeting, held at New York, N. Y., March 15 and 16, 1909. 108 p. 8°. (Fred C. Zapffe, secretary-treasurer, University of Illinois medical department, Chicago, Ill.)
Contains: 1. E. H. Long, president: Address, Functions of the medical school, p. 3-18. 2. H. S. Pritchett: Standards of medical education, p. 19-21. 3. J. A. Wysh: A medical student in 1909, p. 43-55. 4. W. H. Carpenter: The combined course, p. 77-85. Discussion, p. 85-91. 5. F. C. Zapffe: The present status of medical education, p. 91-93. 6. J. B. De Lee: The four-year medical course, p. 93-95. Discussion, p. 95-97.

1441. **Carnegie foundation for the advancement of teaching.** Medical education in the United States and Canada; a report to the Carnegie foundation for the advancement of teaching, by Abraham Flexner, with an introduction by Henry S. Pritchett, president of the Foundation. New York city [1910] xvii, 346 p. 4°. (*Its Bulletin*, no. 4)
 "Mr. Flexner's report is altogether the most valuable contribution to medical education yet made in this country . . . Whether one is searching for details regarding individual schools or is more interested in discussions of the general principles of medical education, he will be repaid by a study of it."—*Educational review*, October 1910, p. 309.
1442. **Christian, Henry A.** A career in medicine and present-day preparation for it. *Science*, n. s. 30 : 537-48, October 22, 1909.
 Address at the dedication of the department of medicine in Leland Stanford Junior university, September 8, 1909.
1443. **Columbia university.** Proposed plan for an institute of public health and preventive medicine. [New York] 1909. 16 p. 8°.
 Report of a committee appointed December 1908, by President Butler.
1444. **Colwell, Nathan Porter.** The need, methods and value of medical college inspection. Chicago, American medical association, 1909. 11 p. 8°.
 Reprinted from the *Journal of the American medical association*, 53:512-15, August 14, 1909.
 "Read before the Nineteenth annual convention of the National confederation of state medical examining and licensing boards, Atlantic City, N. J., June 7, 1909."
1445. **Councilman, William Thomas.** The methods and the object of state examinations. Chicago, American medical association, 1909. 15 p. 8°.
 Reprinted from the *Journal of the American medical association*, 53:515-19, August 14, 1909.
 "Read at the Nineteenth annual convention of the National confederation of state medical examining and licensing boards, Atlantic City, N. J., June 7, 1909."
1446. **Flexner, Abraham.** Medical education in America. *Atlantic monthly*, 106 : 797-804, June 1910.
1447. **Forbes, Edgar Allen.** Too many medical schools. *World's work*, 20 : 13164-71, July 1910.
1448. **Howell, W. H.** The medical school as part of the university. *Science*, n. s. 30 : 129-40, July 30, 1909.
 Annual address in medicine, Yale university.
1449. **Lewis, Frederic T.** The preparation for the study of medicine. *Popular science monthly*, 75 : 65-74, July 1909.
1450. **Tobey, Edward Nelson.** The leading school of tropical medicine. *Popular science monthly*, 76 : 337-43, April 1910.
1451. **Williams, Harold.** The choice of medicine as a profession. *Science*, n. s. 31 : 601-8, April 22, 1910.

Training of Nurses

1452. **American society of superintendents of training schools for nurses.** Proceedings of the fifteenth annual convention, held at St. Paul, Minnesota, June 7 and 8, 1909; including Report of the second meeting of the American federation of nurses, Minneapolis, Minnesota, June 9, 1909. Baltimore, J. H. Furst company, 1910. 242 p. 8°. (Miss M. Helena McMillan, secretary, Presbyterian hospital, Chicago, Ill.)
 Contains: 1. Mrs. I. H. Robb, president: Address, p. 9-12. 2. Report of committee on education, p. 16-20. 3. Report of the committee of the course in hospital economics, p. 21-26. 4. Bertha Erdman: Training school committees, p. 29-31. 5. Martha M. Russell: Training for obstetrical nursing, p. 33-37. 6. Laura A. Becroft: Ethics to be observed between training schools, p. 53-57. 7. Helen S. Hay: Preparation for institutional work, p. 70-77. 8. Katherine DeWitt: Preparation for private duty, p. 79-80. 9. Emma L. Stover: Preparation of nurses for private nursing, p. 80-85. 10. Lila Pickhardt: Preparation of the student nurse for private duty, p. 86-90. 11. M. A. G. Nutting, president: Address, p. 101-2. 12. E. C. Reed: The nursing education of the future.

1453. **American society of superintendents of training schools for nurses.** Proceedings of the sixteenth annual convention . . . Baltimore, J. H. Furst company, 1910. 234 p. 4°.

Contains: 1. Julia Stimson: Student government in colleges, p. 117-28. 2. Luella L. Gould: Suggestions as to possibilities of student government in hospital training schools, p. 129-36. 3. Lydia Anderson: Preparation of the teacher for the training school, p. 139-44. 4. F. M. McMurry: The relation of theory to practice, p. 180-68.

1454. **Fenwick, Ethel Gordon.** State registration of trained nurses. Nineteenth century and after, 67 : 1049-60, June 1910.

Music

1455. **Music teachers' national association.** Studies in musical education, history and aesthetics, fourth series. Papers and proceedings of the Music teachers' national association at its thirty-first annual meeting, Northwestern university, Evanston, Ill., December 28-30, 1909. [Hartford, Conn.] The Association, 1910. 252 p. 8°. (F. L. York, secretary, Detroit conservatory, Detroit, Mich.)

Contains: 1. H. D. Sleeper: Practical courses in college studies, p. 118-22. 2. C. G. Hamilton: The basis for academic credit, p. 122-26. 3. Elizabeth B. Bindliff: The emphasis in instruction, p. 126-31. 4. W. F. Bentley: The emphasis in vocal instruction, p. 132-35. 5. E. B. Birge: Music appreciation in public schools, p. 142-44. 6. L. R. Lewis: The high school curriculum, p. 151-52. 7. Frances E. Clark: The music section of the N. E. A., p. 152-56.

1456. **Case, L. C.** The music situation in the high school. Wisconsin journal of education, 42 : 36-38, 70-72, February, March 1910.
1457. **Fleming, Ada M.** Representative high schools of the United States reporting on music in the high school curriculum, May 1909. Educational bi-monthly, 4 : 271-77, April 1910.
1458. **Mason, Daniel Gregory.** The college man and music. Outlook, 94 : 808-10, April 9, 1910.

Theology

1459. **Boyle, Patrick.** The Irish college in Paris (1578-1908). Catholic university, bulletin, 15 : 740-53, December 1909.
Bibliography: p. 753.
1460. **Branh, Henry Athanasius.** History of the American college of the Roman Catholic church of the United States, Rome, Italy. New York [etc.] Benziger brothers, 1910. 570 p. illus. 8°.
1461. **Brown, Francis.** The study of theology in New York city. Columbia university quarterly, 12 : 261-67, June 1910.
1462. **Van der Heyden, Joseph.** The Louvain American college, 1857-1907. Louvain, Printed by F. & R. Ceuterick, 1909. x, [5]-412 p. illus. 8°.

V. EDUCATION OF WOMEN

1463. **Association of collegiate alumnae.** Proceedings of the annual meeting held in Cincinnati, Ohio, October 27-30, 1909. Association of collegiate alumnae magazine, series 3, nos. 20-21, February, April 1910, p. 21-61, 1-82. (Mrs. Philip N. Moore, general secretary, 8125 Lafayette avenue, St. Louis, Mo.)

No. 20 contains minutes and reports. No. 21 contains: 1. Elizabeth K. Adams: The psychological gains and losses of college women, p. 11-27. 2. Mrs. J. H. Huddleston: A modified college curriculum, p. 28-35. 3. R. C. Bentley: How shall the American college persist? p. 44-60. 4. Marian Farris: College women in non-teaching professions, p. 61-74. 5. Mrs. W. N. Boyd: College women in the home and in society, p. 75-82.

1464. **Association of head mistresses.** Report, 1910. [London, Charles North, The Blackheath press, S. E., 1910] 102 p. 8°. (Miss R. Young, secretary, 92 Victoria street, Westminster, S. W., England)
1465. **Southern association of college women.** Sixth report. [San Antonio, Texas, Wood Brownlee printing co.] 1909. 54 p. 12°.
Summary of address of Elmer Ellsworth Brown on illiteracy and compulsory school attendance laws, at the meeting in Atlanta, April 1909, p. 13.
1466. **Women's educational and industrial union, Boston, Massachusetts.** Thirtieth annual report, October 1, 1907, to October 1, 1908. [n. p. 1909?] 68 p. 8°. (Henrietta I. Goodrich, executive secretary, 284 Boylston street, Boston, Mass.)
1467. ———. Thirty-first annual report, October 1, 1908, to October 1, 1909. [n. p. 1910?] 54 p. 8°.
1468. **Adams, Elizabeth Kemper.** The psychological gains and losses of the college woman. Educational review, 39 : 238-56, March 1910.
Also in Association of collegiate alumnae magazine, April 1910, p. 11-27.
1469. **Blandin, Mrs. Isabella Margaret Elizabeth.** History of higher education of women in the South prior to 1860. New York and Washington, The Neale publishing company, 1909. 328 p. 8°.
1470. **Burstall, Sara A.** Modern movements in girls' education. Queen (London) 127 : 694, April 16, 1910.
1471. **Carpenter, Frank G.** College girls of Japan. Moderator-topics, 30 : 91-93, October 7, 1909.
All about the new woman's university and the school for peeresses, founded by the Empress.
1472. **Davies, Emily.** Thoughts on some questions relating to women, 1860-1908. Cambridge, Bowes and Bowes, 1910. 228 p. 12°.
Contains: 1. University degrees and the education of women, 1863, p. 41-62. 2. Secondary instruction as relating to girls, 1864, p. 63-83. 3. Some account of a proposed new college for women, 1868, p. 84-107. 4. On the influence upon girls' schools of external examinations, 1868, p. 108-17. 5. Special systems of education for women, 1868, p. 118-37. 6. Home and the higher education, 1878, p. 138-57. 7. Women in the universities of England and Scotland, 1886, p. 158-200.
1473. **Hayes, Ellen.** Letters to a college girl. Boston, G. H. Ellis co., 1909. 68 p. 12°.
* CONTENTS.—Foreword.—College activities.—The elective system.—The study of science.—The study of mathematics.—English and literature.—Undergraduate specialising.—A baccalaureate note.
1474. **Hillis, Annie P.** The serious note in the education of women. Outlook, 94 : 851-55, April 16, 1910.
1475. **Jenkins, Mabel I.** Origin of the Woman's National council of education. Educational foundations, 21 : 579-81, June 1910.
1476. **Marks, Jeannette.** The crowded hours of the college girl. New England magazine, n. s. 42 : 204-7, April 1910.
1477. **Marlborough, Consuelo, duchess of.** Higher education for women. Outlook, 95 : 792-93, August 6, 1910.
Also in American educational review, 31 : 747-48, September 1910.
1478. **Mirguet, V.** L'éducation de la jeune fille contemporaine spécialement de la jeune fille du monde. Bruxelles, Em. Rossel, imprimeur-éditeur, 1910. 298 p. 12°.
1479. **Reppner, Agnes.** The girl graduate. Century magazine, 80 : 227-30, June 1910.

1480. Talbot, Marion. The college, the girl and the parent. North American review, 192 : 349-58, September 1910.

1481. ——— The education of women. Chicago, University of Chicago press, 1910. 255 p. 12°.

"Dean Talbot's little book is a real contribution to the rapidly growing literature on higher education. While dealing avowedly with the education of women, it asserts as a cardinal principle for all discussion that education is fundamentally a social problem which must be studied and dealt with in its relations to economic and social conditions and development."—School review, November 1910, p. 648.

1482. Walsh, Trevor. Some recent developments in the education of girls. Parents' review, 21 : 280-91, April 1910.

COEDUCATION

1483. Armstrong, James E. The advantages of limited sex segregation in the high school. [Chicago? 1901] p. 339-350. 8°.

Reprinted from the School review, vol. XVIII, no. 5, May 1910.

Read before the Central association of science and mathematics teachers at the University of Chicago, November 1909.

1484. Grant, Cecil. English public school morality and coeducation. Parents' review, 837-45, November 1909.

1485. Hinsdale, Ellen C. Coeducation again. School review, 18 : 36-39, January 1910.

1486. Olin, Helen E. The women of a state university; an illustration of the working of coeducation, in the Middle West. New York and London, G. P. Putnam's sons, 1909. 308 p. 12°.

The coeducational experience of the University of Wisconsin presented as an aid for the solution of present problems in woman's education.

1487. Zauck, Carl. Warum und wie weit bedingt der geschlechtsunterschied der schüler eine differenzierung der lehr- und stoffpläne für knaben- und mädchen-volksschulen? Minden i. W., A. Hufeland, 1910. 24 p. 8°. (Lehrer-prüfungs- und informations-arbeiten. hft. 44)

VI. SPECIAL CLASSES OF PERSONS

INDIANS

1488. Lake Mohonk conference of friends of the Indian and other dependent peoples. Report of the twenty-seventh annual meeting, October 20th, 21st, and 22d, 1909. 214 p. 8°. (C. F. Meserve, secretary, Raleigh, N. C.)

Contains: 1. E. E. Brown: The white man's burden in Alaska, p. 12-16. 2. H. B. Peck: Results of the work of Haskell Institute, p. 53-55. 3. W. W. Hitt: The mission of the public school in the Philippines, p. 100-4. 4. Edmund Enright: The Filipino students in the United States, p. 122-38. 5. W. F. Wilboughby: The problem of political education in Porto Rico, p. 180-99.

1489. Leupp, Francis E. The Indian and his problem. New York, C. Scribner's sons, 1910. 369 p. 8°.

NEGROES

1490. Dillard, James H. The Jeanes fund. Independent, 67 : 1260-62, December 2, 1909.

1491. ——— Negro rural schools. Southern educational review, 6 : 303-8, February, March 1909.

1492. Douglass, H. Paul. Problems and programs of negro education. In his Christian reconstruction in the South. Boston, The Pilgrim press [1909] p. 265-302.

1493. **Hampton, Virginia.** Normal and agricultural institute. Every-day life at the Hampton normal and agricultural institute. Hampton, Virginia, The Press of the Hampton normal and agricultural institute, 1909. 32 p. illus. 8°.
1494. **Ovington, May White.** Closing the little black schoolhouse; second National negro conference results in new organization. Survey, 24 : 343-45, May 28, 1910.
1495. **Washington, Booker T.** A university education for negroes. Independent, 68 : 613-18, March 24, 1910.

ORIENTALS

1496. **Foster, John W.** What young China can learn from America. Chinese students' monthly, 6 : 24-30, November 1910.
- See also in same periodical, p. 16-19, article on the Boxer indemnity students of 1910.

IMMIGRANTS AND CHILDREN OF IMMIGRANTS

1497. **Fairman, Charles G.** College-trained immigrants; a study of Americans in the making. New England magazine, n. s. 42 : 577-84, July 1910.
- An illustrated account of the American international college at Springfield, Mass.
1498. **Moore, Sarah Wool.** The teaching of foreigners. Survey, 24 : 386-92, June 4, 1910.
1499. **O'Brien, Sara E.** Teaching English to foreigners. School work, 8 : 430-37, February 1910.

THE DESTITUTE (ORPHANS, OUTCASTS, PAUPERS, ETC.)

1500. **Reeder, Rudolph E.** How two hundred children live and learn. New York, Charities publication committee, 1910. 247 p. 12°.
- An account of the New York orphan asylum, Hastings-on-Hudson, by its superintendent. "There are chapters on Dietary, Work, Play, School life, Punishments, Economic and moral training, Religious instruction and so on . . . These chapters are not mere dry, theoretical discussions of the principles involved, but rather a concrete presentation of the actual life interests of two hundred very real children . . . The book is unique and the first of its kind."—Survey February 12, 1910, p. 734.

THE BLIND

1501. **Allen, Edward E.** Impressions of institutions for the blind in Germany and Austria. Outlook for the blind, 3 : 139-48, Winter 1909; 4 : 7-16, Spring 1910.
1502. **Bishop, S. H.** Basis of work for the blind; work of Overbrook. Century, 78 : 82-94, May 1910.
1503. **Campbell, Charles F. F.** Inventory of work for the blind in America. Outlook for the blind, 3 : 119-34, 156-72; 4 : 17-27, Autumn, Winter 1909, Spring 1910.
- The "inventory" includes schools, shops, libraries, nurseries, commissions, etc.
1504. **Osby, A.** Conversing with the blind-deaf. Volta review, 12 : 77-85, May 1910.
- A description of the various methods employed for communicating with persons who are both blind and deaf.
1505. **Desagher, Maurice.** L'enseignement des aveugles . . . Bruxelles, M. Weissenbruch, Imprimeur du roi, 1909. 28 p. 8°.
- Extrait de la Revue de Belgique.
1506. **Howe, Samuel Gridley.** Letters and journals, ed. by his daughter, Laura E. Richards. vol. 2. Boston, D. Estes & company, [1909] 8°.
- The story of the great work for the blind accomplished by this "servant of humanity," told in his own words.

1507. Which tactile print for New York city, New York point or braille? Outlook for the blind, 3 : 64-88, Summer 1909.

A hearing before the Board of education in which the much disputed question of the best system of embossed type for the blind was discussed at length by various authorities.

THE DEAF

1508. American association to promote the teaching of speech to the deaf. Report of the proceedings of the eighth summer meeting held at Chicago from June 28th to July 5th, 1909. Association review, 11 : 283-470, October 1909.

- 1509. American laryngological, rhinological and otological society. Symposium on the deaf child from the viewpoint of physician and teacher. Volta review, 12 : 287-318, August 1910.

Papers by Dr. G. Hudson Makuen, Dr. F. R. Packard, Dr. M. A. Goldstein, Dr. A. L. E. Crouter, J. W. Jones, and Mary McCowen, with discussion by Dr. A. Graham Bell and others. To this symposium also belong papers by Dr. J. Kerr Love and Mrs. J. S. Anderson in Volta review, 12 : 143-54, June 1910, and Dr. E. M. Gallaudet in American annals of the deaf, 55 : 342-49, September 1910.

1510. Bund deutscher taubstummenlehrer. Bericht über die VIII. versammlung . . . zu Leipzig 3.-6. October 1909. Leipzig, Selbstverlag des Bundes deutscher taubstummenlehrer, 1909. 228 p. 8°

The principal subject of discussion was the instruction of such deaf children as cannot successfully be taught by the oral method. The following resolution was unanimously adopted by the convention of 286 persons, composed of teachers of the deaf and representatives of the German government: "The convention agrees with the author of the paper (Mr. Kische) that there are deaf mutes, although in a limited number, who are not able through the oral method to acquire language sufficiently for the necessities of life. It is desirable that attempts should be made to give these children in some other way the requisite facility for communicating with hearing persons."

1511. Barton, J. D. The relation of manual to intellectual training. Teacher of the deaf, 8 : 17-22 and 50-53, January, March 1910.

1512. Binet, Alfred and Simon, Th. Une enquête sur la méthode orale. Année psychologique, 15 : 373-96, 1909 [Translated in American annals of the deaf, 55 : 4-33, January 1910]

The conclusions of these distinguished-French psychologists are decidedly unfavorable to the oral method of teaching the deaf. A rejoinder by E. Drouet is published in American annals of the deaf, 55 : 307-25, September 1910.

1513. Ferregi, Giulio. Documenti per la storia dell' educazione dei sordomuti raccolti e ordinati. Milano, G. Sulli Rao, 1909. 85 p. 8°. (Biblioteca del periodico "L'educazione dei sordomuti," vol. IV)

The principal document in this volume is a letter written by the Jesuit Abbate Giovanni Andres in 1793, exalting Pedro Ponce above all other teachers of the deaf and protesting against the praises bestowed by his contemporaries upon De l'Epée.

1514. ——— Questioni varie intorno all' istruzione dei sordomuti (1889-1909). Torino, G. B. Paravia e c., 1910. vii, 261 p. 16°

1515. Long, J. Schuyler. The sign language. A manual of signs. Being a descriptive vocabulary of signs used by the deaf in the United States and Canada. Washington, D. C., Press of Gibson Bros., [190-?] 164 p. 8°

The first successful attempt ever made to give in words an accurate description of the signs of the sign language used by the deaf.

1516. Love, James Kerr. Cerebral physiology and the education of deaf children. American annals of the deaf, 54 : 293-327, September 1909.

An exposition of the most recent views concerning the localization in the brain of speech, language, sight, and hearing centers, and the bearing of these views upon the education of the deaf.

1517. ——— Deafness in the school child. Teacher of the deaf, 7 : 184-89, November 1909.

Dr. Love maintains that semi-deaf and semi-mute children should reside in their own homes and attend day-schools. He also urges the timely removal of post-nasal adenoids, as likely to lead to improvement in hearing.

1518. **Mellvaine, J. A., jr.** A plea for the feeble-minded deaf. *American annals of the deaf*, 54 : 444-50, November 1910.
The author shows the importance of making special provisions for this class in schools separate from those for the intelligent deaf and those for the feeble-minded hearing.
1519. **Reuschert, E.** Die gebärdensprache der taubstummen und die ausdrucksbewegungen der vollsinnigen. Leipzig, H. Dude, 1909. 222 p. 8°.
An elaborate treatise on the sign language and its place in the oral instruction of the deaf and in the life of the deaf mute out of school.
1520. **Schumann, Georg and Schumann, Paul.** Neue beiträge zur kenntnisse Samuel Heinickes. Leipzig, E. Wiegandt, 1909. 148 p. 8°.
A sketch of the founder of the instruction of the deaf in Germany, with a bibliography of his manuscripts, letters, and publications.
1521. **Story, A. J.** Voice training for the deaf. *Teacher of the deaf*, 7 : 190-97, November 1909.
Reports of experiments made in Italy, France, and England to improve the speech of deaf children.
1522. **Thollon, B. and others.** Bulletin international de l'enseignement des sourd-muets. Première année. Grenoble, Alber frères, 1909. 53 p. 8°.
Contains a long and valuable symposium in French on lip-reading, with a summary of the opinions expressed in English, German and Italian; also a bibliography.
1523. **Wright, John D.** The speech method of educating the deaf. *American educational review*, 31 : 219-21, 281-87, 415-21, January, February, April 1910.

CRIPPLED CHILDREN

1524. **McMurtrie, Douglas C.** Jimmy's fight for independence. New York city, 1910. [16 p.] 8°.
Describes the practical work done by the Association for the aid of crippled children, in New York city.

BACKWARD CHILDREN

[See also Retardation of pupils]

1525. **National association for the study and education of exceptional children.** Proceedings of the exercises and conferences, inaugurated upon the occasion of the tenth anniversary of the Groszmann school for nervous and atypical children, April 1, 1910. [Plainfield, N. J., National association for the study and education of exceptional children, 1910] vii, 141 p. 8°. (Waldemar H. Groszmann, secretary, Watchung Crest, Plainfield, N. J.)
Contains: 1. F. J. A. Torek: The history and aims of the National association for the study and education of exceptional children, p. 13-17. 2. A. W. Edson: What is being done in the public schools of New York city in the training of exceptional children, p. 18-23. 3. M. L. Bonham, jr.: The problem of defective pupils in the regular schools, public and private, p. 24-30. 4. M. Neustadter: Why should the exceptional child receive training suited to its needs at public expense? p. 31-34. 5. Arthur Zentler: Oral defects a great hindrance in the proper development of children; the State's duty to cope with these conditions, p. 35-40. 6. H. H. Horne: Remarks on the education of exceptional children, p. 41-43. 7. E. B. McCready: Biological variations in the higher cerebral centers causing retardation, p. 45-53. 8. J. H. Claiborne: Types of congenital amblyopia (word blindness), p. 54-60. 9. C. W. Crampton: The differences between anatomic, physiological, psychological, and chronological age as causes of derelictment, p. 70-75. 10. E. L. Hunt: Hereditary and congenital causes of exceptional development, p. 76-83. 11. S. P. Goodhart: The influence of education and environment upon the early development of the exceptional child, p. 86-97. 12. S. V. Haas: The value of prophylaxis in the early life of the exceptional child, p. 98-102. 13. M. P. E. Groszmann: The exceptionally bright child, p. 103-12. 14. W. S. Monroe: The training of teachers for backward and feeble-minded children, p. 114-16. 15. Maurice Fishburg: Ethnic factors in education, p. 117-22. 16. R. K. Conter: The exceptional child and the law, p. 124-30. 17. M. P. E. Groszmann: Tentative classification of exceptional children, p. 131-44.

1526. National conference on the education of backward, truant and delinquent children. Proceedings of the sixth annual session, held in Buffalo, N. Y., June 7th and 8th, 1909. Glen Mills, Pa., The Glen Mills school of printing, 1909. 181 p. 8°. (E. L. Coffeen, secretary, Westboro, Mass.)

Contains: 1. Mrs. Ophelia L. Amigh: What can be done with the border-line girl, who is somewhat defective but not feeble-minded? p. 3-7. Discussion, p. 7-16. 2. W. F. Penn: Problems in discipline, p. 16-22. Discussion, p. 22-25. 3. E. L. Coffeen: Cooperation of public school authorities with institutional authorities, p. 25-29. Discussion, p. 29-33. 4. Mrs. Anna L. Morrison: The child problem in the smaller towns and rural districts, p. 34-39. Discussion, p. 39-40. 5. J. A. Burnett: How can the cottage life of the delinquent boy and girl be made more home-like, p. 40-48. Discussion, p. 48-54. 6. Miss Florence A. McNeal: Ungraded schools for backward children as a means for reclaiming delinquent children, p. 54-67. 7. Mrs. J. Ellen Foster: Remarks, p. 68-76. 8. B. Flexner: Juvenile courts from the point of view of the lawyer, p. 77-83. Discussion, p. 83-88. 9. C. W. Skinner: The effect of play in the development of a child, p. 90-108. Discussion, p. 108-12. 10. Miss Marian Campbell: How the settlement workers may cooperate with the juvenile courts, p. 112-17. Discussion, p. 117. 11. H. H. Hart: Home-placing, p. 118-25. Discussion, p. 125-31. 12. Report of the special committee on a system of uniform statistics for institutions dealing with defective and delinquent children, p. 135-38. 13. B. D. Bogen: Correctional work among Jewish boys and girls, p. 139-49. Discussion, p. 149-52. 14. Miss Grace Johnson: How can the visiting agents of an institution influence the parents and relatives of the children so that the homes to which they will afterwards be returned shall be greatly improved or reformed? p. 153-62. 15. G. B. Robinson: What the New York Catholic protectorate is doing for its boys and girls, p. 163-74. 16. F. H. Nibbecker: Former conventions and results thereof, p. 174-80.

1527. Anderson, W. T. What are we doing for the backward pupil? Wisconsin journal of education, 41: 272-74, October 1909.

1528. Downing, Bertha O. Defective speech in backward and feeble-minded children. New York, 1909. 14 p. 12°.

Reprinted from the Medical record, October 30, 1909.

1529. Greene, Mary B. A class of backward and defective children. Psychological clinic, 3: 125-33, October 15, 1909.

This class has been supported by one of Philadelphia's citizens widely known for his interest in all educational matters.

1530. Grossmann, Maximilian Paul Eugen. Classification of exceptional children as a guide in determining segregation. [Easton, Pa., 1909] 12 p. 8°.

1531. Jones, Olive M. The systematic care of the exceptional child. School work, 8: 406-10, February 1910.

1532. Kirby, Lydia A. What is being done for backward and mentally deficient children in the public schools of Philadelphia. American education, 13: 212-13, January 1910.

1533. Maennel, B. Auxiliary education, the training of backward children; translated by Emma Sylvester. New York, Doubleday, Page & company, 1909. 267 p. 8°.

A new translation of this standard work, with Bibliography, p. 245-67.

1534. Maguire, Margaret I. A classification of backward and differentiated children based on the cause of failure. Journal of education, 71: 315-16, 346-47, March 24, March 31, 1910.

MENTALLY DEFECTIVE CHILDREN

1535. Stehauer, Hans, Miklas, Leopold and Schiner, Hans, ed. Handbuch der schwachmännigenfürsorge mit berücksichtigung des hilfeschulwesens. 2d ed. Wien, Karl Grösser & kie.; Leipzig, B. G. Teubner, 1909. viii, 363 p. 8°.

"Bibliographie," p. 304-324.

1536. Farrell, Elisabeth H. Education of mentally defective children. In New York (City) Board of education. Eleventh annual report of the superintendent of schools to the Board of education, 1909. New York [1909] p. 634-645.

1537. **Piass, Louis.** *Praktische erziehungswerk im fürsorgeheim "Am urban."* Berlin, Henmann, 1910. 27 p. 8°.
1538. **Tredgold, A. F.** *The feeble-minded.* Contemporary review, 97: 717-27, June 1910.

MORALLY DEFECTIVE--TRUANTS, ETC.

1539. **Hart, Hastings H.** *A study for delinquent boys.* Survey, 23: 146-50, October 30, 1909.
Report of the New York state training school commission.
1540. **Maennel, B.** *Das amerikanische jugendgericht und sein einfluss auf unsere jugendrettung und jugenderziehung.* Langensalza, H. Beyer und söhne, 1909. 34 p. 8°. (Beiträge zur kinderforschung und heilerziehung. Heft 59)

EDUCATION OF ROYALTY

1541. **Münch, Wilhelm.** *Gedanken über fürstenerziehung aus alter und neuer zeit.* München, Oskar Beck, 1909. viii, 325 p. 8°.

VII. EDUCATION EXTENSION

CONTINUATION SCHOOLS

1542. **Great Britain. Board of education.** *Compulsory continuation schools in Germany.* London, Printed for H. M. Stationery office, by Eyre & Spottiswoode, 1910. 75 p. 8°. (Educational pamphlets, no. 18)
1543. ———. **Consultative committee.** *Report of the Consultative committee on attendance, compulsory or otherwise, at continuation schools. Presented to Parliament by command of His Majesty.* London, Printed for H. M. Stationery office; by Eyre and Spottiswoode, ltd., 1909. 2 v. 8° ([Parliament. Papers by command] Cd. 4757-4758)
CONTENTS.—1. Report and appendices. (Adopted by the committee, May 7th, 1909)—2. Summaries of evidence.
Reviewed in Educational times, 62: 305-6, August 1909.
1544. **Lembke, Fr.** *Der ländliche fortbildungsschulunterricht, präparationen und aufgaben. Im anschluss an den "Lehrplan für ländliche fortbildungsschulen in Preussen"* . . . Leipzig, Quelle & Meyer, 1909. 105 p. 8°
1545. **Ray, Julien.** *L'instruction et l'éducation après l'école et plus spécialement à la caserne.* Lyon, A. Rey & cie., 1909. 62 p. 8°

EVENING SCHOOLS

1546. **Great Britain. Board of education.** *The course system in evening schools.* London, Printed for H. M. Stationery office, by Eyre & Spottiswoode, 1910. 75 p. 8° (Educational pamphlets, no. 19)
1547. **Weimer, Solomon.** *Evening high schools and their possibilities.* Ohio educational monthly, 58: 481-85, September 1909.

SUMMER SCHOOLS

1548. **Carney, Frank.** *Summer schools.* Nation, 89: 509-10, November 25, 1909.
1549. **MacDonald, William.** *The status of the summer school.* Nation, 89: 202-3, September 2, 1909.

UNIVERSITY EXTENSION

1550. **Duggan, Stephen Pierce.** *The night college of the city of New York.* Independent, 68: 860-65, April 21, 1910.
1551. **Gilbey, Walter.** *The educative value of the modern museum.* Nineteenth century and after, 66: 563-72, October 1909.

1552. **Beber, Louis E.** University extension. *Science*, n. s. 32 : 97-104, July 22, 1910.
1553. **Bopes, J. H.** The possibilities of university extension in Boston. *Harvard graduates' magazine*, 18 : 608-14, June 1910.
1554. **Shields, Thomas Edward.** University extension. *Catholic university bulletin*, 16 : 591-603, June 1910.

LIBRARIES IN EDUCATION

1555. **Arnold, Gertrude Weld.** A mother's list of books for children. Chicago, A. C. McClurg & co., 1909. 270 p. 16°
 "A valuable collection of titles of books of real worth, with names of publishers, prices, etc. It will help parents to select the right volumes for children of different ages."—*Education*, February 1910, p. 390.
1556. **Ashmun, Margaret.** Library reading in the high school. I, II, III, IV. *School review*, 17 : 618-22, 701-4, 18 : 196-99, 270-73, November, December 1909, March, April 1910.
1557. **Bailey, B. D.** Choice list of children's books. *Moderator-topics*, 30 : 408-10, January 27, 1910.
1558. **Bascom, John.** The college library. *Educational review*, 38 : 139-49, September 1909.
1559. **Bostwick, Arthur E.** The American public library. New York and London, D. Appleton and company, 1910. 394 p. illus. 12°
1560. **Brown, Elmer Ellsworth.** The use of reference books. In *Appleton's new practical cyclopedia*. New York, D. Appleton and company, 1910. Volume 1, p. v-xi.
1561. **Children's catalog; a guide to the best reading for young people based on twenty-four selected library lists; comp. by Marion E. Potter, assisted by Bertha Tannehill and Emma L. Teich.** Minneapolis, The H. W. Wilson company, 1909. 2 pt. in 1 v. 4°
 CONTENTS.—Pt. 1. Author, title and subject catalog of 3,000 books.—Pt. 2. Author and subject index to St. Nicholas, volumes 28 to 36, and analytical subject references to over five hundred books cataloged in part 1.
 "The catalogue stands fairly well the test of catholicity, popularity, and democratic averages of taste."—*Nation*, February 10, 1910, p. 144.
1562. **Cleveland, Ohio.** Public library. The work of the Cleveland public library with the children and the means used to reach them, published for the information of the citizens of Cleveland. Second ed. Cleveland, June 1910. 51 p. 8°
 A brief statement of work in the children's room of the library and its branches, also of work with reading clubs and libraries established in schools and homes.
1563. **Hopkins, Florence May.** The place of the library in high school education. *Library journal*, 35 : 55-60, February 1910.
 "Substance of a paper read before the Michigan state teachers' association, at Saginaw, October 29, 1909."
1564. **Johnston, William Dawson.** The librarian as an educator. *Library journal*, 35 : 437-41, October 1910.
 Read before the New York state library association, Lake George, September 19, 1910.
1565. ———. The library as a reinforcement of the school. *American education*, 13 : 208-11, January 1910.
 Reprinted from New York (State) University. Proceedings of 47th annual convocation, 1909, p. 27-33.
1566. **Leglar, Henry G.** The Chicago public library and co-operation with the schools. *Educational bi-monthly*, 4 : 306-30, April 1910.

1567. **Macy, John Albert.** A guide to reading, for young and old. New York, The Baker & Taylor company, 1910. 273 p. illus. 12°
1568. **Matthews, Brander.** Books and boys. Independent, 67 : 1117-19, November 18, 1909.
1569. **The model school library.** Western journal of education, 15 : 148-58, 195-203, March, April 1910.
 "The model school library was prepared by a joint committee of the California teachers' association and of the California library association. . . . The idea has been to make this an 'all around library' for a country school having all the grades. . . . The model library is at present in the California state library."
1570. **Struthers, John.** The reading of public school children. Religious education, 4 : 468-78, December 1909.
 This account of the plans of the National home reading union of Great Britain was prepared for circulation amongst the inspectors of the schools of Scotland. It calls attention to a matter of grave import everywhere and suggests a valuable aid in moral training.
1571. **Valle, Harry S.** The public library as a factor in public education. Educational bi-monthly, 4 : 149-53, December 1909.
1572. **Wilson, Louis N.** The library and the teaching profession. Public libraries, 15 : 93-98, March 1910.

UNIVERSITIES, COLLEGES, ETC.

UNITED STATES

University of Arkansas

1573. **Reynolds, John Hugh and Thomas, David Yancey.** History of the University of Arkansas. Fayetteville, University of Arkansas, 1910. 555 p. illus. 8°

Barnard College

1574. **Brewster, W. T.** Barnard college, 1889-1909. Columbia university quarterly, 12 : 151-71, March 1910. illus.

Brown University

1575. **Aries, Henri d'.** Le Collège sur la colline. Paris, F. R. de Rudeval, 1908. 95 p. 8°
 "Le Collège sur la colline." "The college on the hill."—C'est sous ce . . . nom que . . . l'on désigne l'Université Brown."
1576. **Brown, Robert Perkins, ed.** Memories of Brown; traditions and recollections gathered from many sources. Editors: R. P. Brown, 1871, H. R. Palmer, 1890, H. L. Koopman, librarian, C. S. Brigham, 1899. Providence, R. I., Brown alumni magazine company, 1909. 495 p. illus. 8°
 Made up of traditions and recollections of Brown University gathered from many sources, including a large number of alumni, old periodicals, and Mr. Anthony McCabe, the latter for many years in the service of the university.
1577. **Brown university.** The growth of Brown university in recent years, 1890-1909 . . . Providence, R. I., The University, 1909. 14 p. 8°

Central High School, Philadelphia

1578. **Edmonds, Franklin Spencer, ed.** Proceedings of the dedication of the Central high school, Philadelphia, November 22, 24, 25, 26, 1902. Pub. under the authority of the Board of public education, First school district of Pennsylvania. [Philadelphia, J. B. Lippincott company, 1910]. 276 p. illus. 8°

Cornell University

1579. Engeln, Oscar Diedrich von. At Cornell. Ithaca, N. Y., The Artil co. [1909] 348 p. 8°.

Dartmouth College

1580. Dartmouth college. The inauguration of Ernest Fox Nichols, D. Sc., LL. D., as president of Dartmouth college, October 14, 1909; ed. by Ernest Martin Hopkins, secretary of the college. Printed under the supervision of Homer Eaton Keyes at the Rumford press. Hanover, N. H., The Rumford press, 1909. 158 p. illus. 8°.

Inaugural address also in Science, n. s. 30 : 505-16, October 15, 1909.

Harvard University

1581. Chapman, John Jay. The Harvard classics and Harvard. Science, n. s. 30 : 440-43, October 1, 1909.

Reviewed in Nation, 89 : 321-22, October 7, 1909.

1582. Lowell, A. Lawrence. Inaugural address. Harvard graduates' magazine, 18 : 211-23, December 1909.

Delivered in front of University hall, on Wednesday forenoon, October 6 1909.

Also in Science, n. s. 30 : 487-505, October 15, 1909; Atlantic monthly, 104 : 688-93, November 1909.

1583. Mestre, Aristides. La inauguracion del nuevo presidente de la universidad de Harvard. Habana, Imprenta avisador comercial, 1910. 24 p. 8°.

Publicado en la "Revista de la facultad de letras y ciencias."

Massachusetts Institute of Technology

1584. Atwood, William T. The Massachusetts institute of technology. New England magazine, n. s. 42 : 396-405, June 1910.

Miami University

1585. Upham, Alfred H. Old Miami, the Yale of the early West. Hamilton, O., The Republican publishing co., 1909. 274 p. 8°.

New York University

1586. New York university. Tercentenary announcements, 1609-1909. "Three epochs in education in New York city." [By Henry Mitchell MacCracken, chancellor] New York, The University [1909] 40 p. 8°.

Oberlin College

1587. Oberlin college. General catalogue of Oberlin college, 1833-1908; including an account of the principal events in the history of the college, with illustrations of the college-buildings. Pub. by the college in connection with the celebration of its seventy-fifth anniversary, Oberlin, O., 1909. 184, 1187 p. 8°.

Rose Polytechnic Institute

1588. Rose polytechnic institute, Terre Haute, Ind. Rose polytechnic institute; memorial volume embracing a history of the Institute, a sketch of the founder, together with a biographical dictionary and other matters of interest. Terre Haute, Ind. [Cincinnati, Monfort & co., typographers] 1909. 270 p. illus. 8°.

Vassar College

1589. Wood, Frances Ann. Earliest years at Vassar, personal recollections. Poughkeepsie, N. Y., The Vassar college press, 1909. 98 p. 12°.

Wesleyan University

1590. **Wesleyan university, Middletown, Conn.** The installation of William Arnold Shanklin, L. H. D., LL. D., as ninth president of Wesleyan university, Middletown, Connecticut, November 12, 1909. [n. p., 1909?] iv, 154 p. front. (port.) 8°.

Williams College

1591. **Ballinger, Richard A.** Williams college. New England magazine, n. s. 42 : 142-53, April 1910.
An illustrated historical and descriptive article.
1592. **Williams college.** Williams college: the induction of Harry Augustus Garfield, LL.D., into the office of president, October seventh, MDCCCXVIII. [Cambridge, Mass.] Printed at the Riverside press [1909] 127 p. 8°.

Yale University

1593. **Beers, Henry Augustin.** The ways of Yale in the consulship of Plancus. New and further enl. ed. with two illustrations. New York, H. Holt and company, 1910. vii, [2], 394 p. illus. 16°.
CONTENTS.—In the days of the fence.—Recreations of the Red letter Club.—College rhymes.
1594. [Stokes, Anson Phelps] *ed.* Historical prints of New Haven, Connecticut, with special reference to Yale college and the Green. New Haven, Conn. [The Tuttle, Morehouse & Taylor company] 1910. 33 p. 8°.

GREAT BRITAIN

Cambridge University

1595. **Johnson, R. Brimley.** The Cambridge colleges. London, T. Werner Laurie [n. d.] 125 p. 32°.
1596. **Thompson, Alexander Hamilton.** Cambridge and its colleges. 3d ed., rev. & enl. London, Methuen & co. [1910] 358 p. 16°.

Edinburgh University

1597. **Cuthbertson, Dav. L.** The Edinburgh university library. Edinburgh, O. Schulze and company, 1910. x, 45 p. 4°.

Eton College

1598. **Eton under Hornby; some reminiscences and reflections, by E. O.** London, A. C. Fiefield, 1910. 126 p. 12°.
Contains a number of racy anecdotes current in the school during the late Dr. Hornby's head-mastership, and some remarks on the system of education, discipline, and religious instruction peculiar to Eton.
1599. **Stone, Christopher Reynolds.** Eton, painted by E. D. Brinton, described by Christopher Stone. London, A. & C. Black, 1909. xi, 174 p. 20 col. pl. 8°.

University of Glasgow

1600. **Coutts, James.** A history of the University of Glasgow from its foundation in 1451 to 1909. Glasgow, J. Maclehose and sons, 1909. xii, 615 p. illus. 4°.
"A capable history in a portly tome of 600 pages, crammed with fact, biography, statistics, and matches of statute, commission, and ordinance, all in wise order and chronological sequence."—Athenaeum, January 8, 1910, p. 26.

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Haileybury College

1601. **Haileybury, Lionel Sumner.** Haileybury college, past and present. London [etc.] T. F. Unwin, 1909. 336, iv p. illus. 8°.

National University of Ireland

1602. **Lennox, P. J.** The National university of Ireland. Catholic university bulletin, 16 : 89-112, 223-65, February, March 1910.

Oxford University

1603. **Carpenter, William M.** An Oxford encaenia. Columbia university quarterly, 12 : 294-98, June 1910.
"Encaenia" is the classic title used at Oxford for "commencement."
1604. **De Sélincourt, Hugh.** Oxford from within. Illustrated by Yoshio Markino. London, Chatto & Windus, 1910. viii, 181 p. 8°.
"A note by the artist" : p. [172-181].
1605. **Durand, Ralph.** Oxford, its buildings and gardens . . . with thirty-two drawings in color by William A. Wildman. London, G. Richards, 1909. xi, 238 p. 4°.
1606. **Firth, Charles Harding.** The faculties and their powers, a contribution to the history of university organization . . . Oxford, B. H. Blackwell; [etc., etc.] 1909. 43 p. 8°.
1607. ——— The school of English language and literature, a contribution to the history of Oxford studies. Oxford, B. H. Blackwell; [etc., etc.] 1909. 55 p. 8°.
1608. **Gribble, Francis Henry.** The romance of the Oxford colleges. London, Mills & Boon, limited [1910] 324 p. illus. 12°.
1609. **Hulton, Samuel F.** The clerk of Oxford in fiction. London, Methuen & co., 1909. xiii, 390 p. 8°.
"We start with Chaucer's 'clerk of Oxenford' and end with the Great Duke and the Exhibition of 1851. . . . It is a book to skim or rather to dip into. Open where we will, we shall find entertainment." *Journal of education* (London) July 1910, p. 447.
1610. **Locke, Alain Le Roy.** Oxford contrasts. *Independent*, 67 : 139-42, July 15, 1909.
1611. **Oxford. University.** Principles and methods of university reform. Report of the hebdomadal council, with an introduction submitted on behalf of the council by Lord Curzon of Kedleston, chancellor of the university. Oxford, Clarendon press, 1910. xii, 98 p. 8°.
1612. ——— **Brasenose college.** Brasenose college quarter-centenary monographs. [Oxford] Printed for the Oxford historical society at the Clarendon press, 1909. 2 v. 8°.
CONTENTS.—v. 1. General: 1. Site of the college before its foundation . . . F. Madan. 2. Name and terms of the college . . . F. Madan. 3. Architectural history of the building. E. W. Allfrey. 4. Benefactions bestowed on the college. A. J. Butler. 5. The college plate. A. J. Butler. 6. The college's estates and advowsons. A. J. Butler. 7. The college pictures. A. J. Butler. 8. Brief annals of the college, with a list of books relating to it.
v. 2. Special periods: 9. The early years of the college. I. S. Loomis. 10. History of the college, 1500-1600. R. W. Jeffery. 11. History of the college, 1600-1650. C. H. Walsling. 12. The college under the later Stuarts. R. Lodge. 13. History of the college, 1650-1800. R. W. Jeffery. 14. The nineteenth century. 1. Brasenose rowing. H. C. Wace. 2. A. Nine Brasenose worthies. J. Buchan. 3. The schools, university houses, and professions of Brasenose men. A. J. Jenkins. 4. Brasenose, 1854-1872. T. H. Ward. 5. Notes on Brasenose cricket. F. Madan. 6. The Phoenix common room, 1723-1900. F. Madan. Indexes (to both volumes).

1613. **Oxford. University. Brasenose college.** Brasenose college register, 1509-1909 . . . [Oxford] Printed for the Oxford historical society at the Clarendon press, 1909. 2 v. in 1. 8°. (Oxford historical society, vol. LV)

"Based primarily on College archives," with additions from other sources; ed. by C. B. Heberden, the principal.

CONTENTS.—v. 1. List of members.—v. 2. College lists and index.

1614. **Oxford and Cambridge, delineated by Hanslip Fletcher, with introduction by J. Willis Clark . . . and notes by various writers.** London, I. Pitman and sons, ltd., 1909. xiv, 289 p. illus. 4°.

St. Paul's School

1615. **McDonnell, Michael F. J.** History of St. Paul's school. London, Chapman and Hall, 1909. xii, 496 p. 8°.

University College School, Hampstead

1616. **Felkin, Frederick William.** From Gower street to Frognal; a short history of University college school from 1830 to 1907. [London] A. Fairbairns & company, ltd., 1909. viii, 39, [1] p. illus. 8°.

AUSTRIA

University of Vienna

1617. **Scheuer, Oskar.** Die geschichtliche entwicklung des deutschen studententums in Österreich, mit besonderer berücksichtigung der Universität Wien. Wien, 1910. xvi, 425 p. 8°.

BELGIUM

University of Brussels

1618. **Goblet d'Alviella, Eugène F. A.** L'université de Bruxelles 1884-1909. Bruxelles, M. Weissenbruch, 1909. 318 p. 4°.

University of Louvain

1619. **Louvain. Université.** Les étudiants des régions comprises dans la Nation germanique à l'Université de Louvain . . . Louvain, P. Smeesters, imprimeur, 1909-10. 2 v. illus. 4°.

CONTENTS.—v. 1. 1642-1776.—v. 2. 1834-1909.

1620. **Pace, Edward A.** The University of Louvain (1834-1909). Catholic university bulletin, 15 : 551-55, June 1909.

FRANCE

University of Paris

1621. **Liard, Louis.** L'université de Paris. Paris, Librairie Renouard—H. Laurens, éditeur, 1909. 2 pts., each of 132p., in 1 v. illus. 8°.

History and description of the old and new University, of the new Sorbonne, and of the University faculties and schools.

GERMANY

University of Leipzig

1622. **Bruchmüller, Wilhelm.** Der Leipziger student 1409-1909. Leipzig, B. G. Teubner, 1909. 142 p. illus. 12°. (Aus natur und geisteswelt. Band 273)
1623. **Eulenburg, Franz.** Die entwicklung der Universität Leipzig in den letzten hundert jahren; statistische untersuchungen . . . mit 2 farbentafeln und 9 graphischen darstellungen. Gedruckt mit unterstützung der Mendestiftung bei der Königlich sächsischen gesellschaft der wissenschaften. Leipzig, S. Hirzel, 1909. 216 p. 4°.
1624. **Leipzig. Universität.** Festschrift zur feier des 500 jährigen bestehens der Universität Leipzig, hrg. von rektor und senat . . . [1409-1909] Leipzig, S. Hirzel, 1909. 4v. in 5. illus., plates, plans. 4°.
- CONTENTS.—1. bd. Die Leipziger Theologische fakultät, in fünf jahrhunderten, von d. Otto Kirn . . . —2. bd. Die Leipziger Juristen-fakultät, ihre doktorén und ihr helm, von Emil Friedberg.—3. bd. Die institute der Medizinischen fakultät . . . —4. bd. Die institute und seminare der Philosophischen fakultät . . . 1. t. Die Philologische und die Philosophisch-historische sektion. 2. t. Die Mathematisch-naturwissenschaftliche sektion.
1625. ——— **Bibliothek.** Beiträge zur geschichte der Universität Leipzig im fünfzehnten jahrhundert. Zur feier des 500 jährigen jubiläums der universität, gewidmet von der universitäts-bibliothek. Leipzig, O. Harrassowitz, 1909. 93 p. 4°.

ITALY

University of Bologna

1626. **Bologna. Università.** Studi e memorie per la storia dell' Università di Bologna. Bologna, Presso la Commissione per la storia dell' Università di Bologna [1909] Vol. 1. ix, 227 p. 8°.

INDIA

University of Calcutta

1627. **Thwing, Charles F.** The University of Calcutta. Independent, 69 : 24-31, July 7, 1910.

EGYPT

University of Cairo

1628. **Thwing, Charles F.** The university at Cairo.. Independent, 68 : 1389-95, June 23, 1910.

AUTHOR AND SUBJECT INDEX.

The numbers refer to item, not to page. Names of persons about whom articles or books are written and references to subjects are printed in small capitals.

- Abbey, M. J., 1399.
 Abbot, J. W., 516.
 Abbot, W. F., 681.
 Abbott, A. H., 648.
 Abbott, Lyman, 381, 801.
 Abercrombie, D. W., 1151.
 Abercrombie, J. W., 107 (4), 107 (29).
 Abt, I. A., 517.
 ACADEMIC DEGREES, 906.
 Adams, C. F., 776.
 Adams, Elizabeth K., 1468.
 Adams, John, 429.
 Addams, Jane, 1201.
 ADMINISTRATION, 107 (64), 107 (136-138), 937-1021;
 college and university, 846-854.
 ADOLESCENCE. *See* CHILD STUDY.
 Affleck, O. B., 43, 1112 (24).
 Agahd, Konrad, 1202.
 AGRICULTURAL COLLEGES AND EXPERIMENT STA-
 TIONS. *See* AGRICULTURAL EDUCATION, colleges.
 AGRICULTURAL EDUCATION, 96 (6), 96 (24-25), 96
 (27-28), 107 (160-167), 116 (10), 119 (16), 143 (14),
 830 (3), 1396-1413; colleges, 830 (4), 1397 (2), 1397
 (6-7), 1397 (9-12), 1400, 1411, 1413; elementary
 schools, 96 (20), 127 (2), 135 (3), 637-641, 1106; high
 schools, 96 (5), 96 (21), 110 (53), 119 (38), 144 (19-21),
 148 (1), 749-758, 1397 (10); normal schools, 78 (6),
 96 (22-23).
 Aguiayo, A. M., 766.
 Alabama educational association, 119.
 ALASKA, 1488 (1).
 Alden, R. M., 802.
 Aldrich, J. M., 827.
 Aldrich, Louise, 274.
 Alexander, M. W., 1340.
 Aley, R. J., 107 (20), 132 (1).
 Alibee, B. H., 937.
 Allen, E. E., 1501.
 Allen, J. E., 116 (28).
 Allen, J. W., 689.
 Allen, W. O., 787.
 Allison, Andrew, 603.
 Allport, Frank, 107 (33).
 Alston, Leonard, 330.
 Amante, Bruto, 635.
 American association for the advancement of
 science, 73.
 American association of farmers' institute workers,
 1366.
 American association to promote the teaching of
 speech to the deaf, 1506.
 American federation of arts, 1430-1431.
 American federation of labor, 1341.
 American foundrymen's association, 1342.
 American historical association. Committee of
 eight, 589; Committee of five, 693.
 American historical association. Conference on his-
 tory in secondary schools, 687.
 American home economics association, 1414.
 American Institute of Instruction, 78.
 American laryngological, rhinological and otological
 society, 1509.
 American medical association. Council on medical
 education, 1438-1439.
 American nature-study society, 602.
 American philological association. Commission on
 college entrance requirements in Latin, 870.
 American psychological association. Committee on
 the teaching of psychology, 885.
 American school hygiene association, 1045.
 American school peace league, 1279.
 American society of superintendents of training
 schools for nurses, 1452-1453.
 Ames, C. H., 360.
 Amigh, Ophelia, 1526 (1).
 Amoroso, Pietro, 539.
 ANCIENT EDUCATION, 192-194.
 Anderson, Leroy, 749.
 Anderson, W. T., 1527.
 Andres, Giovanni, 1513.
 Andrews, C. M., 30.
 Angell, E. D., 968.
 Angell, J. B., 600 (1).
 Ankeney, J. S., 1313 (2).
 Appleton, Lilla E., 45, 513.
 APPRENTICESHIP, 1339 (9). *See also* INDUSTRIAL
 EDUCATION, co-operative system.
 ARBITRATION, INTERNATIONAL, 1279-1288.
 ARBOR DAY, 1149-1150.
 ARCHEOLOGY, 1431 (3).
 Archer, R. L., 25, 594.
 ARCHITECTURAL EDUCATION, 1426.
 ARCHITECTURE. *See* COLLEGE ARCHITECTURE;
 SCHOOL ARCHITECTURE AND EQUIPMENT.
 Argentine Republic. Consejo nacional de educa-
 cion, 265.
 ARISTOTLE, 851.
 ARITHMETIC, 78 (10); 617-620.
 ARKANSAS, education, 96 (14).
 Arkansas state teachers' association, 129.
 ARKANSAS. UNIVERSITY, 1573.
 Arles, Henri d', 1575.
 Armstrong, H. E., 382.
 Armstrong, J. E., 1453.
 Arnold, Felix, 469, 992.
 Arnold, Gertrude W., 1555.
 Arnold, Sarah L., 1343.
 Arnsperg, Leo, 1301.

- Art, 107 (102-107), 622-626, 1187 (5), 1313-1314, 1431 (2), 1432 (4), 1433 (8). *See also* FINE ARTS.
 Ashley, M. L., 430.
 Ashmore, S. G., 1375.
 Ashmun, Margaret, 1556.
 ASMA, history of education, 325.
 Association of American agricultural colleges and experiment stations, 1397.
 Association of American law schools, 1436.
 Association of American medical colleges, 1440.
 Association of American universities, 793.
 Association of colleges and preparatory schools of the middle states and Maryland, 794.
 Association of colleges and preparatory schools of the Southern States, 794-796.
 Association of collegiate alumnae, 1463.
 Association of cosmopolitan clubs, 900-901.
 Association of head mistresses, 1464.
 Association of history teachers of the middle states and Maryland, 688.
 ASSOCIATIONS, SOCIETIES, AND CONFERENCES, foreign, 171-176, 514-515, 674; national 73-118; state, 119-170.
 ATHLETICS, 149 (44); college, 796 (3), 800 (3), 805, 1142-1147; high school, 1133.
 ATTENDANCE, SCHOOL, 107 (24-25), 116 (14), 1019.
 Atwood, W. T., 1584.
 ATYPICAL CHILDREN. *See* BACKWARD CHILDREN.
 Austen, W. H., 1.
 AUSTRALIA, secondary education, 331.
 Aveni, J. E., 938.
 Aydelotte, Frank, 843.
 Aylesworth, B. O., 383.
 Ayres, L. P., 42, 159c (2), 159c (8), 1045 (12), 1067, 1091.
 Babcock, F. B., 750, 1008.
 Bachman, F. P., 571, 624, 930, 982.
 BACKWARD CHILDREN, 107 (46-47), 107 (49-52), 116 (18), 116 (51), 149 (8-10), 159c (9-10), 1045 (12), 1068, 1115, 1525-1534. *See also* MENTALLY DEFECTIVE CHILDREN; RETARDATION OF PUPILS.
 Bacon, L. A., 1314 (4).
 Baden-Powell, R. S. B., 4, 694.
 Bagner, Gertrud, 504.
 Bagley, W. C., 384.
 Bailey, H. T., 23, 96 (16), 1314 (1), 1315, 1376, 1432 (2).
 Bailey, L. H., 550, 604, 1397 (2), 1400.
 Bailey, R. D., 1557.
 Baker, J. H., 107 (55), 797 (2).
 Baker, May L., 266.
 Baker, N. R., 1088.
 Baker, R. S., 1181.
 Baker, T. S., 1170.
 Baldwin, W. A., 646.
 Ballinger, R. A., 1591.
 BALTIMORE, education, 1012.
 Bancroft, Jesse H., 999, 1120.
 Bard, H. E., 940.
 Bardeen, C. E., 1433 (4).
 Bardeen, C. W., 773, 915.
 Barker, E. L., 808, 1401.
 Barker, J. F., 798 (2), 1432 (87).
 BARNARD, F. A. P., 232.
 BARNARD COLLEGE, 1574.
 Barnes, C. W., 107 (13).
 Barnes, Harold, 431.
 Barney, E. S., 1544.
 Barrett, C. S., 96 (24).
 Barrows, Alice P., 1426.
 Barry, W. F., 1047.
 Barton, J. D., 1511.
 Bascom, John, 1553.
 Bascone, Francesco, 970.
 Basedow, J. B., 385.
 Baskette, G. H., 116 (61).
 Baskin, Marion L., 116 (58).
 Batchelder, E. A., 1313 (11).
 Bates, Frank, 629.
 Bates, H. E., 78 (3).
 Bayliss, Clara K., 182.
 Beale, Dorothea, 432.
 BEALE, DOROTHEA, 353.
 Beard, A. F., 375.
 Beard, C. A., 688 (2), 886.
 Beard, R. O., 1452 (12).
 Beardsley, L. W., 978.
 Beatty, J. W., 1432 (10).
 Becroft, Laura A., 1452 (6).
 Beers, H. A., 1593.
 Beier, Adolf, 933.
 BELGIUM, domestic science, 1417.
 Bell, R. M., 828.
 Bennett, A. E., 1048.
 Bennett, C. A., 1314 (20), 1316.
 Benson, A. C., 1287.
 Benson, O. H., 551.
 Bentley, R. C., 1463 (3).
 Bentley, W. F., 1455 (4).
 Bently, W. B., 800 (9).
 Benton, Q. P., 250.
 Berg, Arthur, 386.
 Berger, S. E., 688 (8).
 BERKELEY HIGH SCHOOL, 1390.
 Bernard, L. L., 847.
 Berry, T. W., 1017.
 Best, L. A., 971.
 Bestetti, Oius, 686.
 Betts, G. H., 470.
 BEVERLY, MASS., industrial education, 1339 (10).
 Bhabha, H. J., 1318.
 BIBLE, teaching. *See* SUNDAY SCHOOLS.
 BIBLIOGRAPHY, 1-60.
 Biétry, Pierre, 932.
 Bigelow, M. A., 1398 (1).
 Binet, Alfred, 492, 1512.
 Binns, C. L., 38, 1319.
 Bitliff, Elizabeth B., 1455 (3).
 BIOGRAPHY, general, 347-350; special, 351-380.
 BIOLOGY, 736-738, 1398 (6).
 Birdseye, C. F., 73 (9), 200, 794 (1-2), 804, 846-848, 1152.
 Birge, E. B., 1455 (5).
 Bishop, E. C., 605.
 Bishop, S. H., 1502.
 Blackwell, R. E., 96 (10).
 Blair, F. G., 130 (1), 131 (2).
 BLAKE, WILLIAM, 254.
 Blau, L. B., 1006.
 Blandford, F. G., 1281.
 Blandin, Isabella M. E., 1409.
 Blayney, T. L., 1431 (2).
 Blewett, Ben, 107 (11), 107 (51).
 Blyss, W. G., 693.
 BOND, 107 (20), 1045 (7), 1505-1507.
 Bow, Susan F., 266.

- BOARDING SCHOOLS. *See* PRIVATE-SCHOOL EDUCATION.
- Bobbitt, J. F., 433.
 Book, Alfons, 184.
 Bösbauer, Hans, 38, 1538.
 Bogen, B. D., 1526 (13).
 Bohnenkamp, H., 433.
 BOLCK, HAROLD, 818.
 BOLOGNA. UNIVERSITY, 1626.
 Bolton, F. E., 387.
 Bond, G. G., 116 (40).
 Bonferroni, Luigi, 630.
 Bonham, M. L., Jr., 1526 (3).
 BOOKBINDING, 1314 (6).
 Bookwalter, C. A., 1263 (5).
 Boone, C. L., 1320-1321.
 BOSTON, university extension, 1553.
 Boston home and school association, 1186.
 Boston. Superintendent of public schools, 1293.
 Bostwick, A. E., 1559.
 BOTANY, 735.
 Bovey, H. T., 1187 (15).
 Bowden-Smith, A. Georgette, 201.
 Bowdiah, B. S., 606.
 Bowen, W. F., 1134.
 Bowers, Sarah E., 1312 (7).
 Boyd, Mrs. W. N., 1463 (5).
 Boyden, A. C., 78 (9).
 Boyle, Patrick, 1459.
 Boynton, C. E., 116 (18).
 BOYS' CLUBS, 1021.
 Bradford, John, 1112 (25).
 Bradley, Miss G. M., 1187 (11).
 Brann, H. A., 1460.
 Branner, J. C., 96 (18).
 Brannon, M. A., 1402.
 Branson, E. C., 275.
 Bray, F. C., 1289 (7).
 Brémont, F., 434.
 Brewer, C. J., 924.
 Brewer, Distan, 505.
 Brewster, W. T., 1574.
 Bricout, J., 288.
 British association for the advancement of science, 172.
 Brittain, M. L., 116 (1).
 Brookman, Thlrnuthis, 702.
 Brooks, C. J., 435.
 Brooks, E. C., 567, 796 (4).
 Brooks, S. D., 107 (19), 107 (52), 1293, 1345.
 Brooks, Sarah C., 616, 688 (4).
 Brouse, J. P. W., 116 (33).
 Brown, C. F., 688 (6).
 Brown, E. E., 95 (6), 107 (36), 107 (40), 107 (58), 107 (66), 107 (112), 362-363, 388, 794 (3), 797 (5), 859, 965-967, 1212, 1430, 1439 (4), 1465, 1488 (1), 1500.
 Brown, Francis, 1461.
 Brown, G. P., 363.
 Brown, J. F., 293.
 Brown, J. S., 868, 1213.
 Brown, R. F., 1276.
 Brown, William, 471.
 BROWN UNIVERSITY, 1575-1577.
 Brown university teachers' association, 121.
 Browning, Oscar, 355.
 Brubaker, H. C., 1022.
 Bruce, H. A. B., 503.
 Bruce, F. A., 302.
 Bruce, W. G., 1023.
 Bruchmüller, Wilhelm, 1622.
 Brumbaugh, E. V., 1214.
 Brumbaugh, M. G., 1596 (8), 1599 (7), 1174.
 Bruner, F. G., 107 (50), 107 (140).
 BRUSKLA. UNIVERSITY, 1618.
 Bryant, Louise S., 1077.
 Bryce, James, 688 (1).
 Buchner, E. F., 472, 794 (4), 860.
 Buckham, M. H., 751.
 Buckley, Jeanette, 1313 (10).
 Buckley, Sara C., 436.
 Budde, Gerhard, 294.
 Bullard, R. L., 267.
 Bullock, A. A., 326.
 Bumstead, H. A., 888.
 Bund deutscher taubstummenlehrer, 1510.
 Bunker, C. S., 637.
 Bunker, F. F., 941.
 Burch, H. R., 668, 688 (7).
 Bureau of municipal research, New York, 233, 979.
 Burk, Frederic, 234.
 Burke, J. E., 107 (10).
 Burke, J. F., 1112 (26).
 Burks, J. D., 107 (37).
 Burnett, E. A., 1397 (10).
 Burnham, Ernest, 552.
 Burnham, W. H., 44, 73 (11), 514 (4), 518, 1041, 1049, 1078, 1121, 1189.
 Burns, A. T., 1113.
 Burr, W. H., 1429.
 Burritt, E. G., 58, 437.
 Burstall, Sara A., 1470.
 Burton, E. D., 327, 331.
 Bush-Brown, H. K., 1431 (4).
 BUSINESS EDUCATION, 107 (114-117), 756, 1427.
 Bustico, Guido, 1294.
 BUSY WORK, 627-628.
 Butler, N. M., 107 (3), 107 (8), 161 (6), 261, 352, 829, 871, 1279 (1).
 Butler, Nathaniel, 1215.
 Butterfield, K. L., 107 (34), 1397 (4).
 Cable, Lucy L., 197.
 Cabot, Ella L., 107 (27).
 CAIRO. UNIVERSITY, 1628.
 CALCUTTA. UNIVERSITY, 1627.
 Caldwell, B. C., 116 (42).
 Caldwell, O. W., 107 (128).
 CALIFORNIA, medical education, 1073.
 California city and county superintendents, 123; council of education, 123.
 Call, A. D., 107 (26).
 Callari, Luigi, 812.
 CAMBRIDGE UNIVERSITY, 1595-1596, 1614.
 Campbell, C. F. F., 1503.
 Campbell, J. A., 265.
 Campbell, Marian, 1626 (10).
 CANADA, education of foreigners, 264.
 CAMFIELD, J. H., 107 (8).
 Carlton, F. T., 389.
 Carman, G. N., 799 (5), 1346.
 Carnegie foundation for the advancement of teaching, 830-831, 849, 1441.
 CARNEGIE FOUNDATION FOR THE ADVANCEMENT OF TEACHING, 797 (2-3), 827-832, 834-839, 843.
 Carney, Frank, 1503.
 Carney, Mary, 635.

- Carpenter, F. G., 1471.
 Carpenter, L. G., 1367 (3).
 Carpenter, W. H., 1440 (4), 1608.
 Carrington, T. S., 1082.
 Carroll, C. F., 1183.
 Carroll, M., 1431 (3).
 Carrow, Fleming, 1433 (15).
 Carruth, W. H., 805.
 Cary, C. F., 107 (23), 170 (23), 363, 864.
 Case, L. C., 1456.
 Casey, Charlotte, 18.
 Cassidy, M. A., 116 (46).
 Castle, W. R., Jr., 1183.
 Catholic educational association, 92.
 Cattell, J. McK., 252, 832, 877.
 Cailliet, Lucien, 360.
 CENTRAL AMERICA, history of education, 266.
 CENTRALIZATION OF SCHOOLS, 96 (7), 119 (4), 126 (4), 968-991.
 Chadsey, C. E., 107 (21).
 Chamberlain, A. F., 833.
 Chamberlain, A. H., 391.
 Chambers, W. G., 12.
 Chancellor, W. E., 107 (23), 161 (5), 941.
 Chantavoine, L. H., 392.
 Chapman, A. E., 25, 594.
 Chapman, C. E., 116 (52).
 Chapman, J. J., 208, 806, 1581.
 Charles, F. L., 607.
 Charters, W. W., 438.
 Chartier, Susanne, 1090.
 CHEMISTRY, 720-734, 800 (9), 892, 897.
 Cherry, H. H., 116 (44).
 Chesterton, Thomas, 1135.
 CHICAGO, education, 1015.
 Child, C. G., 794 (8).
 Child conference for research and welfare, 491.
 CHILD LABOR AND EDUCATION, 1200-1207, 1358.
 CHILD PSYCHOLOGY, 804-812.
 CHILD STUDY, 107 (118-121), 116 (62), 491-503, 1045 (20).
 CHILD WELFARE, 1200-1207.
 CHILDREN'S BUREAU. *See* FEDERAL CHILDREN'S BUREAU.
 CHILDREN'S GARDENS. *See* SCHOOL GARDENS.
 CHILE, history of education, 268.
 CHINA, education, 326-329, 1496.
 CHINESE STUDENTS, 179 (14), 1496.
 Chipman, G. F., 264.
 Christian, H. A., 1442.
 Church, E. M., 1314 (9).
 Church, S. H., 1432 (20).
 CHURCH AND EDUCATION, 96 (12), 1269-1277.
 CINCINNATI, continuation school, 1363 (6).
 CITIZENSHIP, 96 (13), 107 (3), 1174-1177.
 CIVIC CLUBS. *See* SOCIAL CENTERS.
 CIVICS, 694-698.
 Claiborne, J. H., 1525 (8).
 Clapette, E., 5, 307.
 Clark, Frances E., 1456 (7).
 Clark, Ida H., 1084, 1513 (18), 1322.
 Clark university, Worcester, Mass., 393.
 Classical conference, 1264.
 CLASSICAL EDUCATION. *See* HUMANISTIC EDUCATION.
 CLIPPING AND READING, 1002-1008.
 Clayton, P. T., 92 (17), 116 (3), 157 (1).
 CLEANING AND DISINFECTING, 1412-1421.
 Cleveland, board of education, 269, 569-570, 946; public library, 1562.
 CLEVELAND, medical inspection, 1074.
 Clopath, Henriette, 1314 (17).
 Cloyd, D. E., 780.
 Cobb, C. A., 96 (5).
 Cockrell, T. D. A., 356.
 Cos, G. A., 1233-1234.
 CO-EDUCATION, 1483-1487.
 Coffeen, E. L., 1526 (3).
 Colby, Lou E., 622.
 Cole, C. N., 852.
 Cole, P. R., 192.
 Colgrove, C. P., 439.
 COLLEGE ARCHITECTURE, 1037.
 COLLEGE DISCIPLINE, 798 (2).
 COLLEGE EFFICIENCY, 8, 852.
 COLLEGE ENTRANCE EXAMINATIONS, 794 (8-9), 876.
 COLLEGE ENTRANCE REQUIREMENTS, 107 (22), 116 (26), 643 (5), 794 (7), 797 (2), 798 (5), 830 (7), 870-875.
 COLLEGE FRATERNITIES. *See* FRATERNITIES, college.
 COLLEGES. *See* UNIVERSITIES AND COLLEGES.
 COLLEGIATE EDUCATION. *See* HIGHER EDUCATION.
 Collier, A. B., 714.
 Collins, J. V., 617.
 Columbia university, 1443.
 COLUMBIA UNIVERSITY, 1429.
 Colvin, S. S., 473-474.
 Colwell, N. P., 1444.
 COMMERCIAL EDUCATION. *See* BUSINESS EDUCATION.
 Committee of eight, 589.
 COMMITTEE OF FIVE, 693.
 Compayre, Gabriel, 357, 364.
 COMPOSITION AND LANGUAGE STUDY, 116 (4), 582-587, 668-673.
 COMPULSORY EDUCATION, 116 (52), 1019, 1542-1548.
 CONCILIATION, INTERNATIONAL, 1279-1285.
 Conference for education in Texas, 124, 1024; educational commission, 922.
 Conference for education in the South, 95-96.
 Conference for the study of the problems of rural life, 547-548.
 Conference of church workers in state universities, 1252.
 Conference on agricultural science, 1398.
 CONSOLIDATION OF SCHOOLS, 96 (7), 119 (4), 126 (4), 968-991.
 CONTAGIOUS DISEASES, 1076, 116 (16).
 CONTINUATION SCHOOLS, 1363 (3), 1542-1545.
 Conway, Martin, 1187 (5).
 Conwell, R. H., 1112 (12).
 Cook, A. A., 590.
 Cook, F. L., 944.
 Cook, G. B., 96 (5), 96 (20).
 Cook, H. R. M., 980.
 Cook, J. W., 107 (59), 107 (71), 130 (5).
 COOKING. *See* DOMESTIC SCIENCE.
 Cooley, E. G., 107 (61), 238.
 Cooley, M. E., 1428 (11).
 Coon, O. L., 96 (14), 116 (37).
 Coonts, J. A., 945.
 Cooper, C. S., 1263-1264.
 CO-OPERATION, INTERNATIONAL, 107 (58).
 CO-OPERATIVE SYSTEM. *See* INDUSTRIAL EDUCATION, co-operative system.
 Cope, H. E., 96 (15), 1214.

- Cordley, A. B., 1397 (11).
 Cornell, W. S., 1050.
 CORNELL UNIVERSITY, 1579.
 Cortman, O. P., 139c (10), 946.
 CORPORAL PUNISHMENT. *See* PUNISHMENT.
 Corson, O. T., 1068, 152 (3).
 Coulomb, C. A., 990.
 Coulter, E. K., 1525 (16).
 Coulter, J. L., 95 (8).
 Councilman, W. T., 1438 (6), 1445.
 COUNTRY SCHOOLS. *See* RURAL SCHOOLS.
 COURSE OF STUDY. *See* CURRICULUM.
 Coutts, James, 1600.
 Coy, E. W., 798 (1).
 Crabbe, J. G., 96 (30).
 Cradock, Mrs. H. C., 494.
 Cramausel, Edmond, 508.
 Cramer, A., 495.
 Crampton, C. W., 1045 (4), 1045 (18), 1525 (9).
 Crade, R. T., 807.
 Creighton, J. E., 850.
 Creveling, H. L., 440.
 CRIPPLED CHILDREN, 1524.
 Cronin, J. J., 1045 (23).
 Crosby, D. J., 107 (163-164), 1403.
 Cross, C. W., 1339 (9).
 Cross, H. R., 1314 (18).
 Crossley, F. B., 1436 (2).
 Crowley, R. H., 1051.
 CUBA, history of education, 267.
 Cubberley, E. P., 205.
 CURRICULUM, elementary education, 107 (15-16), 567-641; higher education, 877-899; secondary education, 116 (41), 661-750. *See also under specific subjects.*
 Curtis, Eldora W., 1093.
 Cushing, J. P., 834.
 Cuthbertson, David, 1597.
 Cully, A., 1504.
 Damm, P. F., 1389.
 Damseaux, Eugène, 183.
 Daniels, F. H., 623.
 Danks, William, 1235.
 Darlington, Thomas, 48, 319.
 DARTMOUTH COLLEGE, 1580.
 DARWIN, C. R., 356.
 Davenport, Eugene, 107 (35), 107 (76), 163 (3), 163 (27), 799 (4), 1397 (12).
 Davidson, Isobel, 1044.
 Davies, Emily, 1472.
 Davis, B. M., 3, 1323, 1404.
 Davis, Maud F., 1203.
 Davis, J. N., 647.
 DAVIS BILL, 107 (89).
 Davison, Alvin, 1042.
 Davison, J., 777.
 Dawson, G. E., 1236.
 Dawson, Jean, 736.
 Day, E. D., 1813 (12).
 Day, J. R., 1142.
 DEAF, 92 (4), 107 (48), 1045 (7-8), 1504, 1506-1522.
 Deahl, J. N., 116 (62).
 Dean, A. D., 149 (18), 908 (2), 1265, 1339 (8), 1347-1348.
 Dearborn, W. F., 73 (8), 1002-1003, 1007.
 De Catur, W. J., 1312 (2).
 DEFECTIVE CHILDREN. *See* BACKWARD CHILDREN.
 De Forest, F. M., 872.
 De Garmo, Charles, 175 (2-3), 1339 (6).
 Degenhart, A., 340.
 DEGREES, 906.
 De Lee, J. B., 1438 (10).
 DELINQUENT CHILDREN. *See* BACKWARD CHILDREN; MORALLY DEFECTIVE CHILDREN.
 De Montmorancy, J. E. G., 906.
 Dennis, H. V. M., 972.
 DENOMINATIONAL SCHOOLS AND COLLEGES, 116 (25) 134 (6), 1277.
 Derleth, Charles, Jr., 1428 (9), 1428 (14).
 Derthick, F. A., 554.
 Desagher, Maurice, 1505.
 De Schweinitz, G. E., 1438 (11).
 De Selimburt, Hugh, 1004.
 DESIGN, 1313 (11), 1314 (11), 1432 (23).
 DESTITUTE CHILDREN, 1500.
 Detroit board of education, 270.
 Deutsche verein für schulgesundheitspflege, 1046.
 Dewey, John, 73 (1), 475.
 Dewing, A. S., 878.
 De Witt, Katherine, 1452 (8).
 Dexter, F. G., 107 (7).
 Dias, R. B., 206.
 Dicoy, Edward, 332.
 Dickson, V. E., 601.
 Diemer, Hugo, 1428 (10).
 Dilla, J. H., 116 (8), 1490-1491.
 Dinsmore, J. W., 540.
 DIPLOMACY, 806.
 DIRECTORIES, 180-181.
 DISCIPLINE, 706 (2), 992-997, 1231, 1526 (2).
 DISTRICT OF COLUMBIA, education, 909, 1025.
 Dock, G., 1438 (8).
 DOCUMENTS, 46-47, 179.
 Dodd, A. E., 1296, 1312 (4), 1432 (18).
 Dodd, W. F., 909.
 Dodge, W. C., 1025.
 DOMESTIC SCIENCE, 96 (27), 1312 (7), 1314 (13-14), 1414-1425, 1432 (17); colleges, 1414 (2), 1416, 1419-1420, 1422; elementary schools, 1312 (8), 1313 (15), 1432 (15); high schools, 1432 (16).
 Dooley, W. H., 1349.
 Doster, J. J., 90 (21).
 Douglass, H. P., 1492.
 Dow, A. W., 1432 (23).
 Downay, J. E., 207.
 Downing, A. S., 107 (57), 1377.
 Downing, B. C., 1528.
 Draper, A. S., 139 (1), 150 (4), 394-395, 1350, 1405.
 DRAWING. *See* ART; FINE ARTS.
 Dreher, E. S., 107 (47).
 Drescher, J., 1190.
 Dreescher, Lili, 496, 504.
 Drury, H. N., 605.
 Dubois, N. A., 441, 730.
 Dudley, Elizabeth, 682.
 Dudley, Gertrude, 1122.
 Dufestel, L., 52, 1052, 1069.
 Dugas, L., 395.
 Duggan, S. P., 1550.
 Duniway, C. O., 797 (7).
 Durand, Ralph, 1605.
 Durfee, Annie B., 1432 (15).

- Dwight, Frederick, 1164.
Dyer, F. B., 1363 (3).
- Eastart, Lida B., 467, 576.
Eaton, E. L., 539-520.
EARS OF SCHOOL CHILDREN, 1083-1083.
Eastern art teachers' association, 1432.
Eastern association of physics teachers, 724-726.
Eastern manual training association, 312, 1432.
Eaton, E. D., 798 (3).
Eaton, Ethel M., 521.
Eaton, J. S., 1351.
ÉCOLE DES MÈRES, 1197.
ECONOMICS, 139 (5), 688 (7), 699, 800 (7).
Edinburgh University. Students' representative council. International academic committee, 992.
EDINBURGH UNIVERSITY, 1597.
Edmiston, Homer, 1288.
Edmonds, F. S., 1578.
Edson, A. W., 49, 236, 1525 (2).
EDUCATION AND DEMOCRACY, 116 (44).
EDUCATION AND HEREDITY, 140 (3-5).
EDUCATION AND LIFE, 1178-1180.
EDUCATION AND PEACE, 107 (5).
EDUCATION AND SOCIETY, 1174-1177.
EDUCATION AND THE CHURCH, 96 (12), 1209-1277.
EDUCATION AND THE STATE, 107 (65), 116 (15), 116 (50), 145 (4), 797 (6), 932, 963.
EDUCATION EXTENSION, 1542-1572.
EDUCATIONAL PSYCHOLOGY, 116 (59), 116 (64), 469-512.
Educational settlement committees. Executive committee, 276.
Eggleston, J. D., Jr., 96 (7), 167 (1).
Ehler, G. W., 1045 (6).
Ehrenfeld, C. L., 778.
Eldred, C. H., 752.
ELECTIVE SYSTEM, 877-879, 881-884. *See also* GROUP SYSTEM.
ELEMENTARY EDUCATION, 107 (70-74), 539-641, 798 (7). *See also* KINDERGARTEN; PRIMARY EDUCATION; and under countries.
Elford, Percy, 1160.
Eliot, C. W., 397-398, 442, 647, 1435.
Elliott, E. C., 35, 907, 908 (1), 908, 1378.
Ellis, A. C., 96 (15).
Ellis, Florence, 1313 (20).
Elson, W. H., 107 (105), 157 (5), 569-573, 624, 961-982.
Emerson, E. C., 116 (57).
Emerson, Philip, 1101, 1111.
Engeln, O. D. von, 1579.
ENGINEERING EDUCATION, 144 (32), 169 (9-12), 1428-1429.
ENGLAND, educational legislation, 929-931.
ENGLISH LANGUAGE, 582-587, 668-673. *See also* LITERATURE.
Enright, Edmund, 1488 (4).
Erd, R. L., 1045 (8).
Erdman, Bertha, 1452 (4).
ETHEL EDUCATION. *See* MORAL AND ETHICAL EDUCATION.
ETON COLLEGE, 1596-1599.
Eutenburg, Franz, 1628.
EUTOPE, 209-232.
Evans, C. S., 1260.
Evans, H. R., 14.
Evans, W. A., 1063.
EVENING SCHOOLS, 144-145.
- EXCEPTIONAL CHILDREN, 1535 (18). *See also* BACKWARD CHILDREN.
EXPERIMENT STATIONS. *See* AGRICULTURAL EDUCATION, colleges.
EXTENSION, EDUCATION. *See* EDUCATION EXTENSION.
EYES OF SCHOOL CHILDREN, 116 (17), 1081-1083.
- Falfofer, Fanny, 522.
Falla, F. N., 313.
Fairchild, E. T., 107 (63).
Fairman, C. G., 1497.
Falkner, R. P., 983, 1008.
Farnsworth, C. H., 631.
Farrell, Elizabeth E., 1536.
Farrington, F. E., 24, 289.
Faudce, W. H. P., 159 (2), 1200 (5).
Favill, H. B., 107 (9), 1064, 1201.
Fechner, K., 296.
FEDERAL BUREAU OF EDUCATION. *See* UNITED STATES BUREAU OF EDUCATION.
FEDERAL CHILDREN'S BUREAU, 1200 (1), 1201, 1205, 1207, 1452 (13).
FEEBLE-MINDED. *See* BACKWARD CHILDREN; MENTALLY DEFECTIVE CHILDREN.
FEEDING OF SCHOOL CHILDREN, 1077-1080.
Felkin, F. W., 1618.
Fell, L. A., 948.
Felmley, David, 107 (39).
Fenwick, Ethel G., 1454.
Ferguson, James, 1379.
Fernández y Fernández-Navamuel, Manuel, 523.
Ferrer, Giulio, 1513-1514.
Fess, S. D., 1281.
FESTIVALS. *See* SPECIAL DAYS.
Fiedler, H. G., 889.
FINE ARTS, 1430-1435. *See also* ART.
Finley, J. H., 879.
Firth, C. H., 1606-1607.
Fishburg, Maurice, 1525 (15).
Fisher, G. J., 796 (3), 1112 (22).
Fisher, Mary, 667.
ITCHBURG PLAN, industrial education, 799 (3), 1363 (1), 1381.
Fitzpatrick, F. A., 365.
FLAG DAY, 1148.
Floet, C. J., 1187 (10).
Flaming, Ada M., 1457.
Flaming, D. J., 333.
Fletcher, Mrs. J., 96 (15).
Fletcher, Robert, 1391, 1428 (7).
Flexner, Abraham, 1446.
Flexner, B., 1526 (8).
Flexner, Mary, 1297.
Flury, Elise, 443.
Foght, H. W., 555, 949.
FOLK DANCING. *See* PLAYS, GAMES, ETC.
Folwell, W. W., 208.
Foss, C. S., 189 (1), 179 (18), 1228.
FOOTBALL, 1145.
Foote, A. R., 950.
Forbes, E. A., 1447.
Forbes, G. M., 1289 (7).
Ford, G. B., 1426.
Ford, Walter, 1187 (7).
FOREIGN STUDY, 800-804.
FORESTRY, 121 (9), 152 (22), 128 (1).

- Formigini-Santamaria, E., 214, 209
 Forsyth, David, 1055.
 Foster, E. C., 1264.
 Foster, J. W., 1286, 1406.
 Foster, W. T., 253, 880.
 FOURTH OF JULY CELEBRATION, 1112 (8).
 FRANCE, educational legislation, 933; history of education, 288-292.
 Francis, Alexander, 209.
 Frank, Ferdinand, 190.
 Franklin, Fabian, 358.
 FRATERNITIES, college, 794 (1), 800 (2), 1166-1168, 1260; high school, 146 (7), 159 a (1), 1169.
 Frazier, C. H., 1438 (9).
 Freeman, Virginia W., 1089.
 FRENCH. *See* LANGUAGES, modern.
 Frere, Margaret, 1204.
 Freund, Ida, 714.
 Friedel, Y. H., 271.
 FRIENDS, education, 1277.
 Frost, J. M., 107 (43).
 Fryer, John, 179 (29).
 Fuld, L. F., 984, 1136.
 Fullan, M. T., 116 (56).
 Fuller, Bampton, 1237.
 Gabriel, Edmond, 444.
 Gailor, T. F., 1269.
 Gallinger, J. H., 210.
 Galloway, T. W., 739.
 GAMES. *See* PLAYS, GAMES, ETC.
 Ganong, W. F., 735.
 Gansberg, Frits, 399.
 GARDENS. *See* SCHOOLGARDENS.
 Gardiner, J. H., 609, 860.
 Garman, C. C., 917.
 Garnett, Lucy M. J., 823.
 Gass, H. A., 211.
 Gaudig, Hugo, 400.
 GAUFRES, JULES, 357.
 Gayley, C. M., 212.
 Gaylor, G. W., 1009.
 Gearhart, May, 1314 (2).
 GEOGRAPHY, 594-601, 688 (1), 688 (5), 700-701.
 GEOMETRY, 712-713.
 George, W. R., 1020.
 Georgia educational association, 120-127.
 Gephart, W. F., 213.
 Gerini, G. B., 347.
 GERMAN. *See* LANGUAGES, modern.
 GERMANY, higher education, 309-310; history of education, 293-310; industrial education, 1314 (20), 1352, 1357; technical education, 1399, 1395.
 Gerwig, G. W., 1432 (26).
 Gheah, J., 334.
 Gibbs, C. M., 1313 (13), 1313 (15).
 Gibson, C. B., 107 (43), 116 (11).
 Giddings, F. H., 643 (1).
 Oldeon, A., 676.
 Gilbey, Walter, 1551.
 Gilchrist, Beth B., 372.
 Gill, Laura D., 107 (2).
 Gillette, J. M., 1298.
 GILMAN, D. C., 358-359.
 Ginever, Dona de G., 1187 (16).
 Ginn, Edwin, 986, 1282.
 GIRLS, education. *See* WOMEN, education.
 GLASGOW. UNIVERSITY, 1600.
 Goblet d'Alviella, E. F. A., 1618.
 Goddard, M. F., 643 (4).
 Going, C. B., 1428 (4).
 Golden, John, 78 (4).
 Goldrich, L. W., 618.
 Goldsmith, E. M., 179 (28).
 Gonzales, L. F., 648.
 Gonzales Carreño, Genaro, 741.
 Goodhart, S. P., 1525 (11).
 Goodrich, Henrietta I., 1415.
 Goodwin, F. P., 690.
 Gordy, W. F., 107 (5), 1279 (3).
 Gore, Dr., 1187 (9).
 Gore, C. H., 1191.
 Gould, F. J., 1217.
 GRADING, 1002-1003. *See also* PROMOTION OF PUPILS.
 Graham, A. B., 556, 988.
 Graham, John, 116 (29).
 Grant, Cecil, 1484.
 Graves, F. P., 195.
 Gray, Mrs. Edwin, 1187 (4).
 Gray, H. B., 1238.
 Gray, Helen S., 1416.
 Gray, J. C., 619.
 Great Britain, board of education, 1324, 1542, 1546; Scotch education department, 632.
 GREAT BRITAIN, higher education, 287; history of education, 274-287; secondary education, 284-286; technical education, 1395.
 GREEK. *See* HUMANISTIC EDUCATION.
 Green, J. M., 768.
 Greene, Maria L., 50, 1102.
 Greene, Mary B., 1529.
 Greenwood, J. M., 107 (18), 107 (54), 144 (4), 306, 1218, 1279 (2).
 Gresson, W. A., 798 (7).
 Gribble, F. H., 1008.
 Grice, Mary Van M., 1192.
 Griffin, N. E., 855.
 Grossmann, M. P. E., 1525 (13), 1525 (17), 1530.
 GROUP SYSTEM, 133 (7), 110 (41). *See also* ELECTIVE SYSTEM.
 Gulick, L. H., 107 (53), 159c (6), 159c (9), 170 (16), 1010, 1045 (22), 1112 (10).
 Gunnels, H. C., 96 (28).
 Gurlitt, Ludwig, 445, 1193.
 Gurnand, D., 280.
 Gwinn, J. M., 779.
 GYMNASICS. *See* PHYSICAL EDUCATION.
 Haas, J. A. W., 1270.
 Haas, S. V., 1525 (12).
 Haase, Hermann, 401.
 Hadley, A. T., 1155.
 Haese, Arthur, 1352.
 HAILESBURY COLLEGE, 1601.
 Hall, A. C., 800 (6).
 Hall, Bert, 107 (24).
 Hall, Bolton, 1103.
 Hall, E. H., 890.
 Hall, G. S., 497.
 Hall, W. S., 742-743.
 Hammer, F. H., 277.

- Hamilton, C. G., 1465 (3).
 Hamilton, S., 1432 (38).
 Hamlin, Lenora A., 1104.
 Hammerschlag, A. A., 1432 (11).
 HAMPTRAD. UNIVERSITY COLLEGE SCHOOL, 1616.
 Hampton, Va., Normal and agricultural institute, 1486.
 Harney, J. P., 1333, 1432 (5).
 Harner, L. F., 149 (44), 1112 (23).
 Hanna, J. C., 1218.
 Hanna, P. H., 1380.
 Harbort, S. A., 783.
 Hard, William, 1169.
 Harding, B. F., 649.
 Harding, C. F., 1194.
 Harman, A. F., 961.
 Harman, Emilie, 1417.
 Harmon, N. B., 1043.
 Harmon, W. E., 1114.
 Harrington, T. F., 78 (2), 1045 (1).
 Harris, M. O. B., 841.
 Harris, S. H., 96 (8).
 Harris, W. T., 360-370, 144 (4-5), 515 (9).
 Harrison, S. M., 1031.
 Harry, J. E., 800 (3).
 Hart, A. B., 214.
 Hart, H. H., 1112 (29), 1526 (11), 1539.
 Hart, J. K., 1220.
 Hart, W. R., 638, 1398 (2).
 Harvard university. Associated Harvard clubs, 953.
 HARVARD UNIVERSITY, 813, 877, 879, 881, 883, 1581-1583.
 Harvey, L. D., 96 (3), 107 (1).
 Harvey, N. A., 443.
 Hassert, F. H., 650.
 Haskell, S. B., 1398 (5).
 HASKELL INSTITUTE, 1486 (2).
 Hastings, W. W., 1045 (10), 1123.
 Hatt, W. K., 1428 (12).
 Hay, Helen S., 1452 (7).
 Hayes, C. H., 801.
 Hayes, Ellen, 1473.
 Hays, W. M., 557-558.
 Hayward, F. H., 624, 908.
 Hazard, Caroline, 1255.
 Haeitine, H. D., 1436 (1).
 Headlam, J. W., 663.
 Heaton, Samuel, 1100.
 Hebert, Georges, 1124-1126.
 Heck, W. H., 476.
 Hecker, E. A., 694.
 Heermans, Josephine, 391.
 Hester, S. L., 246, 1066.
 Hefron, J. L., 744.
 Heigemoose, Joseph, 184.
 HENCKE, SAMUEL, 1520.
 Heller, O., 1314 (18).
 Helm, Johann, 447.
 Herman, Friedrich, 193.
 Henderson, C. H., 1299.
 Henderson, C. R., 1301.
 Hendrick, B. J., 1095.
 Hendrick, Welland, 774.
 Henneman, J. B., 795 (1).
 HENNETT AND EDUCATION, 149 (3-5).
 Heson, David, 498.
 Hetherington, C. W., 1115.
 Heitbaum, Alfred, 377.
 Heydrick, B. A., 643 (5).
 Heyl, C. C., 835.
 Hickey, E. M., 1070.
 Higgins, Myrta M., 1105.
 Higga, Mary, 510.
 HIGH SCHOOL AND COLLEGE, 107 (19-23), 119 (53), 135 (5), 143 (10), 143 (12-13), 644 (3), 797 (7), 799 (5), 830 (6), 863-869, 878.
 High school teachers' association of Los Angeles, 642.
 High school teachers' association of New York City, 643-644, 865, 1300-1302.
 HIGH SCHOOLS. *See* FRATERNITIES, high school;
 HIGH SCHOOL AND COLLEGE; SECONDARY EDUCATION; UNITED STATES, secondary education.
 HIGHER EDUCATION, 73 (10), 107 (19-20), 107 (84-85), 116 (20-21), 793-905, organization and methods, 855-857; standardization, 858-862, *see also* UNIT SYSTEM; supervision and administration, 846-854. *See also* HIGH SCHOOL AND COLLEGE; UNIVERSITIES AND COLLEGES, and under countries.
 HIGHER EDUCATION ASSOCIATION, 73 (9).
 Highsmith, J. H., 783.
 Hill, Mrs. Southwood, 443.
 Hills, Annie P., 1474.
 Hillyer, T. A., 107 (92).
 Hinsdale, Ellen C., 903, 1485.
 HISTORY, 116 (5), 589-593, 687-693, 891.
 HISTORY OF EDUCATION, 183-191; ancient, 192-194; medieval, 195-196; modern, 197-199.
 Hoare, J. W., 308.
 Hoban, C. F., 278.
 Hobbs, L. L., 1280 (5).
 Hobbs, W. H., 636.
 Hobson, Sarah, 1078.
 Hodgson, Miss G. E., 1187 (12).
 Hodson, F., 715.
 Höder, Alois, 703.
 Höttsch, Otto, 904.
 Hogarth, A. H., 1071.
 HOLLAND, education, 311.
 Hollembeak, J. R., 237.
 Holliday, Carl, 238, 402, 1271.
 Hollowell, W. R., 96 (13).
 Holmes, J. H., 1239.
 Holts, F. L., 609.
 HOME AND SCHOOL, 96 (16), 107 (54), 116 (68), 1186-1190, 1398 (2).
 Hood, A. C., 682.
 Hoover, W. I. T., 116 (57).
 Hope, A. H., 284.
 Hopkins, C. G., 716.
 Hopkins, E. M., 254.
 Hopkins, Florence M., 1563.
 Hopkins, J. F., 1431 (1).
 Hopkins, P. A., 116 (54).
 Hori, Tatsui, 841.
 Horn, P. W., 116 (50), 953.
 Hornaday, W. T., 740.
 Horne, H. H., 789, 1045 (2), 1225 (6).
 Hotchkiss, H. V., 107 (46).
 Hovestadt, H., 707.
 Howe, S. G., 1506.
 Howell, W. H., 1448.
 Hubbard, G. D., 700.
 Hubbell, G. A., 373.

- Huddleston, Mrs. J. H., 1493 (3).
 Hufford, Lois G., 523.
 Hugh, D. D., 989.
 Hughes, E. H., 697.
 Hughes, E. L., 116 (47).
 Hughes, J. L., 577, 1221.
 Hughes, R. M., 800 (2).
 Huisinga, Henry, 336.
 Hulton, R. F., 1609.
 HUMANISTIC EDUCATION, 588, 800 (8), 1296-1292.
 HUMBOLDT, WILHELM VON, 371.
 Humphreys, W. J., 403.
 Hunt, E. L., 1525 (10).
 Hunter, G. W., 737.
 Hunter, W. B., 799 (3), 1363 (1), 1381.
 Huntington, E. V., 1428 (2).
 Hurd, W. D., 1419.
 Hurty, J. N., 1045 (14).
 Hutchinson, Woods, 107 (32).
 Hyde, W. D., 449, 808, 856.
 HYGIENE, 96 (11), 107 (9), 1123. *See also* MEDICAL INSPECTION OF SCHOOLS; PHYSIOLOGY AND HYGIENE; SCHOOL HYGIENE.
 Illinois, department of public instruction, 559; educational commission, 910; state teachers' association, 130-131.
 LONLO TRADES SCHOOL, 1254.
 IMMIGRANTS, 1497-1499.
 In-Young, 328.
 Incorporated association of assistant masters in secondary schools, 974.
 INDIA, education, 330-339.
 INDIANA, school hygiene, 1045 (14).
 Indiana state teachers' association, 122.
 INDIANS, 107 (150-159), 1488-1489.
 INDIVIDUAL INSTRUCTION, 107 (17).
 INDUSTRIAL EDUCATION, 78 (8), 95 (5), 107 (1), 107 (34-37), 107 (41), 116 (11), 116 (55), 129 (1), 149 (18), 799 (1), 1325-1357; cooperative system, 131 (18), 1346, 1263 (2), 1432 (26); elementary schools, 107 (42), 107 (57); high schools, 78 (12), 107 (43); normal schools, 78 (11); rural schools, 119 (22), 132 (3-7), 158 (9), 1323. *See also* MANUAL TRAINING; TECHNICAL EDUCATION; TRADE EDUCATION; WOMEN, industrial education, and under names of countries.
 International commission on secondary mathematics, 704.
 International commission on the teaching of mathematics, 705-706.
 International congress for the development of drawing and art teaching, 1433.
 INTERNATIONAL CONGRESS FOR THE DEVELOPMENT OF DRAWING AND ART TEACHING, 34, 107 (104), 1422 (14), 1423 (24).
 INTERNATIONAL CO-OPERATION. *See* CO-OPERATION, INTERNATIONAL.
 INTERNATIONAL EXCHANGE OF TEACHERS, 792, 830 (1).
 International kindergarten union, 514-515.
 Iowa, rural schools, 96 (6).
 Iowa state teachers' association, 123-124.
 IOWA STATE UNIVERSITY, 1258.
 IRELAND, domestic science, 1414.
 IRELAND. NATIONAL UNIVERSITY, 1602.
 Italy. Commissione reale per l'ordinamento degli studi secondari in Italia, 566.
 ITALY, education, 315-318; educational legislation, 935-936; higher education, 1266.
 Ives, Herbert, 354.
 Ivins, L. S., 639.
 Jackson, C. R. H., 1112 (26).
 Jackson, G. L., 215.
 Jahn, M., 41, 1240.
 James, H. R., 761.
 JAPAN, education, 340-345; women, education, 1471.
 Jarman, J. L., 116 (43).
 Jastrow, Joseph, 837, 1314 (16).
 Jayne, J. W., 116 (36).
 JEANES FUND, 1490.
 Jenkins, Maude I., 1475.
 Jenks, F. B., 78 (6).
 Jews, education, 325.
 Johnson, D. B., 96 (23).
 Johnson, F. W., 651.
 Johnson, G. E., 107 (31), 1112 (15), 1000.
 Johnson, Mrs. G. T., 1079.
 Johnson, Grace, 1526 (14).
 Johnson, L. C., 1126.
 Johnson, Lillian W., 95 (11).
 Johnson, R. R., 1595.
 Johnston, Hugh, 1272.
 Johnston, W. D., 150 (2), 1564-1565.
 Jones, J. A., 404.
 Jones, A. T., 1241.
 Jones, E. A., 157 (9), 158 (2).
 Jones, L. W., 892.
 Jones, Olive M., 107 (49), 1631.
 Jones, T. J., 116 (6).
 Jordan, D. S., 406, 861, 1156, 1166.
 Jordan, E. O., 309.
 Jordan, L. H., 1256.
 Jordan, R. H., 116 (41).
 Joyner, J. Y., 96 (18), 96 (6), 119 (7), 153 (9).
 Judd, C. H., 73 (8), 652, 790, 799 (6).
 Judson, H. P., 119 (8), 1436 (3).
 JUVENILE COURTS, 1526 (8), 1526 (10).
 Kämmer, Otto, 297.
 Kanda, Naibu, 342.
 Kandel, I. L., 574.
 Kentinge, M. W., 691.
 Keene, C. H., 1127.
 Keffler, C. A., 96 (22).
 Keller, Frances A., 1122.
 Kellerman, Ivy, 1273.
 Kelley, Florence, 1201.
 Kelly, R. L., 1277.
 Kemp, E. W., 592.
 Kennard, Beulah, 1112 (6).
 Kennedy, Joseph, 873.
 Kent, E. B., 1382.
 Kentucky educational association, 135.
 KENTUCKY EDUCATIONAL COMMISSION, 912.
 Kenyon-Warner, E. E., 578.
 Keppel, F. P., 1157.
 Kerpomard, Pauline R., 1196.
 Kerr, John, 279.
 Kernheinstener, Georg, 608, 954.
 Key, Ellen, 406.
 Keyes, Alicia M., 1432 (6).
 Keyes, C. H., 107 (64).
 Kikuchi, Dairoku, 543.
 Killing, W. K. J., 707.

- Kirkpatrick, W. H., 216.
 Kimball, D. S., 1367(7).
 Kimmins, C. W., 1368.
 KINDERGARTEN, 107 (88-89), 116 (68), 123 (14), 514-538, 1108, 1140. *See also* PRIMARY EDUCATION.
 Kindermann, Carl, 348.
 Kindervater, A. E., 1045 (5).
 King, H. C., 1208.
 King, Lida S., 96 (13).
 Kingsley, S. C., 1087.
 Kinman, G. W., 978.
 Kinne, Helen, 1420.
 Kirby, G. T., 1112 (8).
 Kirby, Lydia A., 1532.
 Kirk, E. C., 1084.
 Kirk, J. R., 107 (113).
 Kirk, K. E., 336.
 Kirkland, J. H., 1209.
 Kirkpatrick, E. A., 489.
 Kirtland, J. C., 870.
 Knabe, Karl, 298.
 Knapp, S. A., 96 (26).
 Knight, H. B., 1414 (2).
 Knorr, G. W., 980.
 Kochler, H. J., 1143.
 Kohn, A. D., 748.
 Körnfeld, J. S., 1116.
 Krause, C. A., 677-678.
 Kreuzpointner, Paul, 1356-1357.
 Krogh, D. M. F., 1128, 1137.

 Labianca, Baldassare, 1268.
 LABORATORY, university, 888.
 Ladd, A. J., 762.
 Lake Mohonk conference of friends of the Indian and other dependent peoples, 1488.
 Lake Mohonk conference on international arbitration, 1280.
 LAND GRANT COLLEGES. *See* AGRICULTURAL EDUCATION, colleges.
 LANGUAGES, 588, 686; ancient, 681-686; modern, 78 (5), 674-680, 889. *See also* HUMANISTIC EDUCATION.
 Lanier, H. W., 1096.
 Latane, J. H., 796 (2).
 Lathbury, D. C., 280.
 LATIN, 92 (2). *See also* HUMANISTIC EDUCATION; LANGUAGES, ancient.
 Lavrand, H., 477.
 Laurie, S. S., 407.
 LAW, 1436-1437.
 Lawrence, F. B., 838.
 Lay, G. W., 116 (33).
 Leather, Herbert, 281, 1011, 1072.
 Le Bon, Gustave, 478.
 Lebrun, Hector, 1289.
 Lecklitter, Mrs. F. P., 229.
 Leclère, Albert, 1222.
 Lee, J. W., 240.
 Lee, Joseph, 1112 (20).
 LEGISLATION, LAWS, England, 929-931; France, 922; Germany 923-924; Italy, 935-936; United States, 928-928.
 Legler, H. O., 1599.
 Lehmer, D. N., 708.
 Leipzig. University, 1624-1626.
 LEIPZIG. UNIVERSITY, 1622-1626.
 Leland, Arthur, 1117.
 Leland, Lorna H., 1117.
 Lembke, F., 1844.
 Lendon, P. J., 1802.
 Leslie, G. L., 1073.
 Leupp, F. E., 1489.
 Lewin, Heinrich, 289.
 Lewis, F. T., 1449.
 Lewis, G. G., 896.
 Lewis, L. L., 640.
 Lewis, L. R., 1455 (6).
 Lewis, R. H., 96 (11).
 Lewis, T. H., 913.
 Lewis, W. D., 670, 896.
 Lewis, W. J., 25, 594.
 Llard, Louis, 1021.
 LIBRARIES AND EDUCATION, 107 (139-143), 116 (61), 1555-1572.
 LIBRARIES AND SCHOOLS, 133 (9), 138 (21), 141 (6), 144 (80), 147 (5), 149 (35), 149 (37-38), 150 (2), 157 (3), 1556, 1563, 1564, 1566, 1569, 1570, 1571.
 LIBRARY TRAINING, 116 (12).
 LIGHTING, schoolhouses, 1038-1040.
 LILLIAN HOME, 1097.
 Lindemann, A. S., 935.
 Lindsay, S. M., 1201.
 Lindsey, B. B., 107 (14), 107 (121), 107 (157), 1201.
 Lipmann, Otto, 21, 479.
 LITERATURE, 116 (3), 580-581, 667.
 Litman, Simon, 699.
 Livingston, Helen, 1432 (16).
 Locke, A. Le R., 1610.
 Lodge, Oliver, 1187 (1).
 Lodge, T. H., 1303.
 Lomer, G. R., 39, 460.
 LONDON, school attendance, 1019; trade schools, 1355.
 London county council. Education department, 583, 1067, 1068.
 Long, E. H., 1440 (1).
 Long, J. S., 1515.
 Loomis, H. N., 780.
 Lord, E. W., 1200 (2).
 Louisiana. Conference of high school principals of public education, 136.
 Louisiana. Conference of parish superintendents of public education, 137.
 LOUVAIN AMERICAN COLLEGE, 1462.
 Louvain. University, 1619.
 LOUVAIN. UNIVERSITY, 1619-1620.
 Love, J. E., 1516-1517.
 Lovejoy, A. O., 839.
 Lovejoy, G. R., 107 (119), 1200 (1), 1206, 1358.
 Lowell, A. L., 809, 881, 1482.
 Luckey, G. W. A., 1045 (11).
 Lull, H. G., 662.
 Lyon, E. P., 1438 (5).
 LYON, MARY, 372.
 Lyttelton, E., 663.

 Mable, H. W., 1432 (2).
 McAndrew, William, 461, 809, 683, 867.
 McCarthy, M. R., 92 (4).
 McCartney, L. M., 116 (48).
 McCleary, J. A., 584.
 MacCracken, H. M., 1886.
 McCready, E. B., 1526 (7).
 McCready, S. B., 1106.
 McCurdy, J. H., 1046 (30).

- Macdonald, William, 816, 1549.
 MACDONALD COLLEGE, 107 (6).
 MACDONALD MOVEMENT, 1410.
 McDonnell, M. F. J., 1615.
 Macfay, Minnie, 641.
 McGaw, Virginia, 637.
 Mollugh, D. J., 92 (3).
 McIlvaline, J. A., Jr., 1518.
 McKee, R. H., 685.
 McKeever, W. A., 452, 6304.
 Mackenzie, Millicent, 408, 1223.
 Mackenzie, J. B., 1223.
 McKenzie, R. T., 1129.
 MacLaurin, R. C., 717, 831, 1392.
 MacLean, G. E., 797 (6), 1258.
 McMurry, F. M., 468.
 McMurry, O. L., 1314 (6).
 McMurtre, D. C., 1524.
 MacNary, E. E., 1432 (19).
 Macnaughton, Myra I. K., 1263.
 McNeal, Florence A., 1526 (6).
 McNeill, I. C., 116 (51).
 McSweeney, E. F. X., 92 (1).
 Macy, J. A., 1567.
 Maennel, B., 9, 1533, 1540.
 Magennis, Edward, 1081.
 Magruder, W. T., 1369, 1428 (8).
 Maguire, Margaret I., 1534.
 Mahuteaux, A. E., 679.
 Main, J. H. T., 811.
 Main, Joshua, 107 (166), 754-756.
 Maine committee on industrial education, 1360.
 MANAGEMENT AND DISCIPLINE. *See* DISCIPLINE.
 MANHATTAN TRADE SCHOOL FOR GIRLS, 1374.
 Mann, C. R., 718, 727-728, 874, 893.
 Mann, F. M., 1313 (6).
 MANN, HORACE, 373.
 Mandy, F. A., 527-528, 875.
 MANUAL ARTS. *See* MANUAL TRAINING; INDUSTRIAL EDUCATION; TRADE EDUCATION.
 MANUAL TRAINING, 107 (94-101), 116 (54), 798 (6), 1312-1334, 1432 (19), 1432 (20). *See also* INDUSTRIAL EDUCATION.
 Maphis, C. G., 923.
 Mardis, B. K., 918.
 Mark, C. W., 956.
 Markert, Karl, 501.
 Marks, Jeannette, 1476.
 Marlborough, Consuelo, *duchess of*, 1477.
 Marsden, R. E., 36, 1319.
 Marshall, Ruth, 610.
 Martin, Lady Carlaw, 1421.
 Martindale, W. C., 1004.
 Martisbiff, C. L., 919.
 Marx, G. H., 840.
 Maryland commission on industrial education, 1361; state teachers' association, 138.
 Mason, Miss C. M., 1187 (2).
 Mason, D. G., 1458.
 Mason, W. E., 78 (7).
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY, 1369, 1584.
 Massachusetts state board of education, 1403; state teachers' association, 139.
 Masterson, J. H. B., 1157 (12).
 MATHEMATICS, 702-713, 1428 (2). *See also* ARITHMETIC.
 Mathews, E. B., 698 (5).
 Mathews, Brander, 1568.
 Mathews, Caroline, 515.
 Mathews, E. C., 506.
 Mathews, W. H., 1097.
 Mattoon, J. C., 116 (55).
 MAUCH CHUNG, education, 1013.
 Maurer, Robert, 688 (3).
 Maxwell, W. H., 107 (30), 349.
 Mayer, A. G., 812.
 Mead, G. H., 73 (4).
 Meader, C. L., 320.
 MEDICAL INSPECTION OF SCHOOLS, 107 (33), 116 (16), 1045 (23), 1067-1076. *See also* HYGIENE.
 MEDICINE, 1438-1451.
 MEDIEVAL EDUCATION, 195-196.
 Melcher, George, 453.
 Mell, P. H., 116 (26), 808.
 Mendousse, P., 2, 502.
 MENTALLY DEFECTIVE CHILDREN, 116 (66), 1525 (14), 1535-1538. *See also* BACKWARD CHILDREN.
 MEREDITH, GEORGE, 374.
 Meriam, J. L., 107 (16).
 Merrill, L. A., 1390 (3).
 Meserve, C. F., 116 (9).
 Mestre, Aristides, 1583.
 METHODS OF STUDY. *See* STUDY, METHODS OF.
 MEXICO, school hygiene, 1059.
 Meyer, M. T., 714.
 Meyer, Max, 116 (65).
 Meylan, G. L., 1043 (22), 1090.
 MIAMI UNIVERSITY, 1565.
 Michigan schoolmasters' club, 140; state teachers' association, 141.
 MICHIGAN. UNIVERSITY, 1428 (11).
 Miklas, Leopold, 38, 1535.
 Mildren, Nan L., 628.
 Milford, L. S., 1601.
 MILITARY TRAINING, 895, 898.
 Miller, C. A. A. J., 1012.
 Miller, E. A., 800 (4), 1158.
 Miller, H. A., 1178.
 Miller, L. W., 1432 (24).
 Miller, W. E., 116 (32).
 Miller, W. T., 1305.
 Millner, H. L., 666.
 Miner, E. O., 1339 (4).
 Minneapolis commercial club, 957.
 Minnesota educational association, 142.
 MINNESOTA. UNIVERSITY, 842.
 Mirguet, V., 1478.
 Missimer, H. C., 1013.
 Mississippi teachers' association, 143.
 Missouri state teachers' association, 144.
 Mitchell, B. C., 95 (3).
 Mitchell, T. C., 794 (9).
 Mittenweb, L., 1306.
 MODERN EDUCATION, 197-199.
 Moffatt, J. D., 794 (6), 1274.
 Monaghan, J. O., 1307.
 Monaghan, J. P., 116 (37).
 Monroe, W. B., 1525 (14).
 Monroy, F. C., 454.
 Montague, A. P., 116 (24).
 Montessori, Maria, 629.
 Montgomery, Louise, 1014.
 Mooney, G. W., 217.
 Moore, E. C., 909.
 Moore, J. C., 1026.

- Morse, Sarah W., 1498.
MORAL AND ETHICAL EDUCATION, 107 (12-13), 107 (26-28), 1187 (11), 1206-1235.
MORALLY DEFECTIVE CHILDREN, 107 (14), 1539-1540.
MORALS, college, 134 (24), 135 (4), 800 (4), 1158, 1260; primary schools, 130 (16-17); secondary schools, 1213-1214, 1219, 1484.
Morgan, C. L., 480.
Morrison, Anna L., 1526 (4).
Morrison, H. C., 78 (1).
Morsch, H. E. A., 300.
MOTHERS' CIRCLES. *See* HOME AND SCHOOL.
Mowry, J. E., 78 (10).
Mowry, W. A., 367.
Moxom, P. S., 1280 (1).
Moyer, J. A., 1428 (11).
Müller, C., 301.
Münch, Wilhelm, 680, 1541.
Münsterberg, Hugo, 218, 255, 481.
Munford, Mrs. B. B., 95 (10).
Murphy, D. C., 994.
Murray, W. B., 116 (19), 409.
Murrey, Mrs. T. P., 96 (14).
MUSEUMS, 1551.
MUSIC, 107 (108-113), 629-636, 1187 (7), 1455-1458.
Music teachers' national association, 1455.
Muzey, David, 1225.
Myers, E. J., 474.
Myers, G. E., 1312 (3).
Mysore (India) Dept. of public instruction, 337.
Nasmyth, G. W., 1284.
Nathan, G. J., 1150.
National association for the study and education of exceptional children, 1525.
National association of manufacturers of the United States of America, 1362.
National association of state universities in the United States of America, 797.
National board for the promotion of rifle practice, 895.
National business league of America, 896.
National child labor committee, New York, 1200-1201.
NATIONAL CHILDREN'S BUREAU. *See* FEDERAL CHILDREN'S BUREAU.
National conference committee on standards of colleges and secondary schools, 858.
National conference on the education of backward, truant, and delinquent children, 1526.
National congress of mothers, 1196.
National education association, 174.
National education association of the United States, 107. Departments—art education, 107 (102-107); business education, 107 (114-117); child study, 107 (118-121); elementary education, 107 (70-74); higher education, 107 (84-85); Indian education, 107 (140-150); kindergarten education, 107 (66-69); library, 107 (139-143); manual training, 107 (94-101), 1283; music education, 107 (108-113), 1455 (7); normal schools, 107 (86-93); physical education, 107 (122-127); rural and agricultural education, 107 (160-167); school administration, 107 (136-138); science instruction, 107 (123-128); secondary education, 107 (75-83); special education, 107 (144-149); superintendence, 107 (15-47), 108; women's organizations, 107 (163-171). General session, 107 (1-14). National council of education, 107 (45-48).
NATIONAL EDUCATION OFFICE. *See* UNITED STATES BUREAU OF EDUCATION.
National league for physical education and improvement, 1130.
National metal trades association, 1363.
National society for the promotion of industrial education, 1335-1339.
NATIONAL SOCIETY FOR THE PROMOTION OF INDUSTRIAL EDUCATION, 1353.
National society of college teachers of education, 785.
NATIONAL UNIVERSITY, IRELAND, 1602.
Natorp, Paul, 410, 482.
NATURE STUDY AND SCIENCE, 602-614, 1110, 1398 (1).
Nearing, Scott, 958, 1206.
Nebraska department of public instruction, 991.
Needham, C. W., 116 (21).
Neet, G. W., 455.
NEGROES, 95 (14), 116 (6-9), 116 (47), 1490-1495.
Nelson, B. E., 107 (45).
Neustaedter, M., 1525 (4).
New England association of chemistry teachers, 729.
New England association of school superintendents, 1058.
New South Wales. Department of Public Instruction, 219.
NEW YORK CATHOLIC PROTECTOR, 1526 (15).
New York city, public schools, 1138.
New York (State), Associated academic principals, 146.
New York state association of school commissioners and superintendents, 147.
New York (State) Education department, 256, 908, 916, 1148.
New York state science teachers' association, 148.
New York state teachers' association, 149.
New York (State) University. University convocation, 150.
NEW YORK UNIVERSITY, 1586.
Newman, Carrie S., 530.
Newton, E. W., 633.
Nilbecker, F. H., 1526 (16).
Nicolson, F. W., 1160.
Nishiyama, Sekiji, 344.
NORMAL SCHOOLS, 78 (9), 78 (11), 107 (86-93), 116 (42), 776-784.
NORMAL TRAINING, universities, 92, 785-791.
North Carolina association of city public school superintendents and principals, 151; teachers' assembly, 152-153.
North central association of colleges and secondary schools, 798-799.
North Dakota educational association, 154, 155.
Northrop, Cyrus, 220, 411, 1259.
Norton, A. P., 1314 (14).
Norton, W. H., 1088.
Norwood, Cyril, 284.
Noyes, William, 1325-1326.
NURSES, training, 1452-1454.
Oakley, Hilda D., 1422.
OBERLIN, J. F., 375.
Oberlin college, 853, 1587.
OBERLIN COLLEGE, 1587.
Oberlin college faculty, 8.
O'Brien, Sara R., 1499.
OCCUPATIONS AND BUSY WORK, 627-628.
OHIO, colleges, 1158; laws, 917-919; rural schools, 988.
Ohio college association, 800; state teachers' association, 157, 158.

- Okuma, Shigenobu, 345.
 Oldt, F. T., 1027.
 Olin, Helen R., 1486.
 Oliver, C. A., 1265.
 Oliver, J. P., 119 (16).
 Olmstead, J. C., 116 (16).
 Ontario educational association, 175.
 OPEN-AIR SCHOOLS, 1091-1097.
 Oppenheimer, *Miss* C. P., 116 (68).
 Ordahl, George, 882.
 ORGANIZATION OF SCHOOLS. *See* SUPERVISION AND ORGANIZATION.
 ORIENTALS, 1496.
 Ormsby, F. B., 634.
 ORPHANS, 1500.
 Orr, Charles, 1028.
 Orr, William, 1112 (5).
 Ort, S. P., 1364.
 Orton, G. W., 1139.
 O'Shea, M. V., 56, 412, 1175.
 Osuna, André, 483.
 Ousley, Clarence, 96 (7).
 Ovington, May W., 1494.
 Owen, R. L., 96 (17).
 Owens, C. J., 116 (10), 757.
 Oxford university, 1611.
 OXFORD UNIVERSITY, 689, 1289, 1603-1614. *See also* RHODES SCHOLARSHIPS.
 Oxford university. Brasenose college, 1612-1613.
 Pace, E. A., 1620.
 Paddelford, F. L., 1365.
 Pactow, L. J., 196.
 Page, A. W., 813.
 Page, L. A., 1428 (3).
 Palmer, G. H., 671, 1226.
 Palmer, Luella, 531.
 Pam, Max, 1242.
 PANAMA, education, 266.
 Pannwitz, Rudolf, 350, 413.
 Paolucci, A., 185.
 Parayre, R., 1275.
 PARENTS' ASSOCIATIONS. *See* HOME AND SCHOOL.
 Parents' national educational union, 1107.
 PARIS. UNIVERSITY, 1621.
 Parish, *Miss*, 1187 (6).
 Park, J. C., 1312 (1).
 Park, *Mrs.* R. E., 95 (12).
 Parker, S. C., 542.
 Parker, W. H., 1029.
 Parkinson, W. D., 532.
 PARKS. *See* PLAYGROUNDS.
 Parlin, C. C., 654.
 Parlin, F. E., 533.
 Parris, Marian, 1403 (4).
 Parry, E. A., 414.
 Parsons, Belle R., 1001.
 Parsons, *Mrs.* Clement, 1187 (8).
 Parsons, H. G., 51, 1107.
 Parsons, Herbert, 1207.
 Partridge, G. E., 484.
 PATTERSON SCHOOL, N. C., 1407.
 Pattee, F. L., 1266.
 Paulsen, Friedrich, 876.
 PAUPERS, 1500.
 Payne, A. F., 1814 (11).
 Payne, B. R., 1243.
 Payne, E. G., 303.
 Payot, Jules, 485.
 Peabody, Endicott, 1171.
 PEACE, 1279-1285.
 Pearce, H. B., 1488 (2).
 Pearce, H. J., 116 (64).
 Pearce, C. G., 107 (48).
 PEDAGOGICAL DEPARTMENTS, college, 785-791.
 Peeters, Edward, 311.
 Peirce, W. F., 800 (1).
 Pell, R. P., 116 (23).
 PENMANSHIP, 621.
 Penn, W. F., 1526 (2).
 Pennsylvania educational commission, 920; state educational association, 158.
 PENNSYLVANIA. UNIVERSITY, 809; School of observation, 1050.
 PENSIONS, teachers. *See* TEACHERS, salaries and pensions.
 PERIODICALS, 61-72.
 Perry, A. C., *jr.*, 543.
 Perry, A. T., 798 (2), 814.
 Perry, C. A., 55, 241, 1182.
 Perry, C. F., 798 (8), 1313 (17).
 Perry, F. M., 815.
 Perry, T. D., 1030.
 Perry, W. S., 1430, 1432 (7).
 Pessels, C., 672.
 Pestalozzi, J. H., 378.
 PESTALOZZI, J. H., 377-378.
 Peters, F. N., 719.
 Petit, Édouard, 415.
 Pettit, W. W., 1488 (3).
 PHILADELPHIA, Central high school, 1578; education, 1529, 1532.
 Philadelphia league of home and school associations, 1188.
 PHILIPPINE ISLANDS, 1368, 1488 (3).
 PHILIPPINE SCHOOL OF ARTS AND TRADES, 1354.
 Phillips, C. A., 597.
 Phillips, J. H., 116 (7).
 PHYSICAL EDUCATION, 107 (122-127), 116 (68), 1045 (2), 1045 (5), 1063, 1120-1147; blind, 1045 (7); colleges, 1142-1147; deaf, 1045 (7-8); public schools, 1045 (9), 1134-1141.
 PHYSICS, 724-728, 890, 893, 899.
 PHYSIOGRAPHY, 701.
 PHYSIOLOGY AND HYGIENE, 107 (10-11), 615-616, 741-748, 1045 (18), 1045 (22).
 Pickhardt, Lila, 1452 (10).
 Pinchot, Gifford, 95 (9), 1149.
 Pinnard, Gabriele, 1031.
 Pitkin, W. B., 783.
 Plaisted, L. L., 534.
 Place, Louis, 1537.
 Playground association of America, 1112.
 PLAYGROUNDS, 1112-1119.
 PLAYS, GAMES, ETC., 112 (11), 116 (63), 513, 998-1001, 1045 (4), 1045 (6), 1045 (12), 1045 (21), 1112 (12), 1526 (9).
 Plecher, Hans, 456.
 Plains, L. H., 1032.
 POLITICS, teaching, 886.
 Pomatto, Lorenzo, 416.
 Ponzetti, G., 457.
 Porter, D. R., 1244.

- POSTO RAGO, education, 107 (7), 1428 (5).
 Potent, E. M., 116 (26).
 Potter, M. C., 107 (44).
 POTTERY, 1321.
 Pouget, Auguste, 316.
 Pound, J. M., 96 (4).
 Powell, B. E., 655.
 Powell, E. P., 459.
 Powell, J. R., 116 (40).
 Powell, Susie V., 560.
 Powers, J. N., 96 (4), 96 (27), 758.
 PRECEPTORIAL SYSTEM, 855-857.
 Premland, A. J., 321.
 Price, Beulah M., 1108.
 PRIMARY EDUCATION, 116 (60), 133 (14), 522-523, 529, 534-536, 1313 (20). *See also* ELEMENTARY EDUCATION; KINDERGARTEN.
 Prince, J. T., 242, 914.
 PRINCES, education, 1541.
 PRINCETON UNIVERSITY, 813, 855, 857.
 PRINCIPLES AND PRACTICE OF TEACHING, 429-466.
 Pritchett, H. S., 221, 794 (5), 797 (3), 816, 1439 (5), 1440 (2).
 PRIVATE SCHOOL EDUCATION, 796 (5), 1170-1173.
 PROFESSION, CHOICE OF. *See* VOCATIONAL DIRECTION.
 PROFESSIONAL EDUCATION, 1426-1462.
 PROFESSORS, 775, 793 (1), 806, 808, 116 (23); salaries and pensions, 133 (4), 827-842.
 PROMOTION OF PUPILS, 946, 1004-1006. *See also* GRADING; RETARDATION OF PUPILS.
 PROVIDENCE, school census, 1200 (4).
 Pruneda, Alfonso, 1069.
 PSYCHOLOGY. *See* CHILD PSYCHOLOGY; EDUCATIONAL PSYCHOLOGY.
 PSYCHOLOGY, teaching, 576.
 Public education association of Worcester, Massachusetts, 160.
 PUBLIC SCHOOLS, United States, 233-249.
 PUNISHMENT, 998-997.
 PUPIL SELF-GOVERNMENT, 116 (22), 800 (5), 812, 1020-1021.
 Purcell, F. A., 92 (2).
 Purinton, D. B., 1161.
 Fussy, W. A., 1428 (12).
 Putnam, G. A., 1396 (2).
 QUAKERS, education, 1277.
 Quandt, R., 417.
 QUEENSLAND, secondary education, 346.
 Radcliffe, P. R., 116 (39).
 Radmaier, Lorenz, 890.
 Rae, Mabel, 1086.
 Ralins, Elisabeth, 353.
 Randall, A. G., 1432 (3).
 Randolph, C. F., 272.
 Rankin, Julia T., 116 (12).
 Rankin, W. S., 1062.
 Rapp, E. M., 1306.
 Rathmann, O. G., 1227.
 Raueh, Erwin, 168.
 Ray, Julien, 1545.
 Raycroft, J. E., 1045 (9).
 READING, 72 (5), 576-579.
 Reading, Pa. Board of education, 1328.
 Reber, L. E., 796 (2), 1428 (5), 1552.
 RECEPTIONS, class room, 116 (39).
 RECREATION, 998-1001.
 Reed, C., 1314 (10).
 Reader, R. R., 1500.
 Reese, Cars, 1033.
 Reeve, A. B., 267.
 Reiff, Ellen, 116 (59).
 Reigart, J. F., 1019.
 Reimann, Carl, 199, 1423.
 Rein, Wilhelm, 459.
 Reinsch, P. S., 338.
 Reittler, Janette, 1313 (8).
 RELIGIOUS EDUCATION, 1232-1278.
 Religious education association, 1232.
 RELIGIOUS PEDAGOGY. *See* SUNDAY SCHOOLS.
 Rennie, John, 611.
 Renshaw, J. H., 1363 (6).
 Repplier, Agnes, 1479.
 RETARDATION OF PUPILS, 107 (18), 159c (2), 159c (5), 159f (5), 1006-1018. *See also* BACKWARD CHILDREN; PROMOTION OF PUPILS.
 Retortillo y Tornos, Alfonso, 523.
 Reuschert, E., 1519.
 REWARDS AND PUNISHMENTS, 996-997.
 Reynolds, J. H., 416 (53), 1573.
 Rhoes, Rush, 150 (6), 1339 (2).
 RHODES SCHOLARSHIPS, 175 (27), 843, 1285.
 Ribera, Julián, 418.
 Richards, C. R., 33, 1366.
 Richards, Ellen H., 107 (74), 107 (100), 153 (10).
 Richard, Laura E., 1506.
 Richards, T. W., 729 (1).
 Richardson, M. W., 664.
 Richay, J. B., 107 (15).
 Richman, Julia, 107 (25).
 Riemer, Eugen, 1424.
 Rigillo, Michele, 1393.
 Riley, F. L., 116 (5).
 Ritchie, J. W., 1060.
 Rivington, J. A., 1267.
 Rix, F. R., 635.
 Roberts, W. W., 258.
 Robertson, J. W., 107 (6).
 Robertson, T. D., 1172.
 Robinson, A. T., 673.
 Robinson, C. M., 1118.1
 Robinson, G. B., 1526 (15).
 Robinson, J. H., 1367.
 Rochester, board of education, 1183; league of civic clubs, 1184.
 ROCHESTER, factory school, 1339 (7); social centers, 1112 (18), 1181, 1183-1185.
 Roeschlaub, R. S., 1034.
 Rogers, J. M., 243.
 Rogers, John, 1440 (6).
 Rollins, Frank, 665.
 Roppel, J. H., 1553.
 Rose, WickHffe, 116 (15).
 ROSE POLYTECHNIC INSTITUTE, 1588.
 Ross, D. W., 1432 (1).
 Rotch, T. M., 1045 (24).
 Row, B. K., 1329.
 Rowe, H. M., 105 (118).
 Rowe, L. S., 179 (32).
 Rowe, S. H., 26, 121 (7), 498.
 Rowland, P. F., 346.
 Roy, Dunbar, 116 (17).
 Roy, V. L., 107 (30).
 ROYALTY, education, 1641.

- Rude, Adolf, 544.
 Ruediger, W. C., 11, 75 (6), 419.
 Rüttgers, Severin, 580.
 Ruggles, C. O., 781.
 Ruhl, Arthur, 1173.
 Ruiz Amado, Ramón, 420.
 Rule, Lillian, 116 (60).
 RURAL SCHOOLS, 78 (6), 96 (6-9), 107 (60), 116 (1), 116 (36-37), 119 (4), 134 (26), 144 (7), 144 (13), 144 (16), 144 (18), 147 (1), 147 (3), 154 (5), 155 (10), 155 (32-36), 159 (8), 168 (5), 168 (19-25), 175 (20), 547-556, 780, 988-991, 1000, 1066, 1308, 1312 (6), 1398 (1), 1491. *See also* INDUSTRIAL EDUCATION, rural schools.
 Russell, H. G., 1409.
 Russell, H. L., 96 (19).
 Russell, J. E., 1384.
 Russell, Martha M., 1452 (5).
 Russell, W. E., 78 (11).
 RUSSIA, education, 319-320, 900 (2).
 Sablin, Henry, 368.
 Sachs, Julius, 59, 656.
 Sadler, M. E., 369, 503, 1246.
 Sage, E. C., 73 (7).
 SAILER, J. M., 380.
 St. John, E. P., 57, 1210.
 ST. PAUL'S SCHOOL, 1615.
 SALARIES, teachers. *See* TEACHERS, salaries and pensions.
 Salmon, David, 291.
 Sanders, T. E., 769.
 Sanderson, E. D., 1398 (6).
 Sandiford, Peter, 931.
 Sandison, Howard, 460.
 Sargent, D. A., 1045 (17), 1144.
 Sargent, Walter, 1314 (7), 1330, 1385-1386, 1432 (9).
 SARGENT INDUSTRIAL SCHOOL, 1343.
 Schaeffer, N. C., 107 (60), 150 e (7), 150 f (5), 150 g (4), 561, 921.
 Scharrelmann, H., 421.
 Schaeffer, R. H., 1150.
 Scher, Meyer, 1308.
 Scherer, H., 568.
 Schauer, Oskar, 1617.
 Schiele, F. M., 187.
 Schiffels, J., 16.
 Schluer, Hans, 38, 1535.
 Schlockow, Oswald, 599.
 Schmidt, Emil, 585.
 Schmidt, L. F. K., 1035.
 Schmidt, O., 296.
 Schmitt, Clara, 1015.
 Schneider, Herman, 1363 (2), 1369, 1432 (26).
 SCHOLARSHIPS, 843-845. *See also* RHODES-SCHOLARSHIPS.
 SCHOOL ARCHITECTURE AND EQUIPMENT, 124 (8), 1022-1044, 1092.
 SCHOOL BOARDS. *See* SUPERVISION AND ORGANIZATION.
 SCHOOL-BOOK QUESTION, 986-987.
 SCHOOL CHILDREN, FOOD FOR, 1077-1080.
 SCHOOL GARDENS, 78 (7), 607, 641, 1088-1111.
 SCHOOL GOVERNMENT, 906-1109.
 SCHOOL-HOUSES. *See* SCHOOL ARCHITECTURE AND EQUIPMENT.
 SCHOOL JOURNALS, 78 (2), 107 (10-11), 107 (30-32), 1045-1057.
 SCHOOL JOURNALS, 595.
 SCHOOL LAW. *See* LEGISLATION, LAWS.
 SCHOOL LIBRARIES. *See* LIBRARIES AND SCHOOLS.
 SCHOOL MANAGEMENT. *See* DISCIPLINE; SCHOOL GOVERNMENT.
 SCHOOL RECORDS AND REPORTS, 978-1021.
 SCHOOL-ROOM DECORATION, 1044.
 Schoolmasters' association of New York and vicinity, 161.
 Sobern, August, 188.
 Schrader, C. L., 1119.
 Schumann, Georg, 1820.
 Schumann, Paul, 1820.
 Schurman, J. G., 797 (1), 1167, 1439 (6).
 Schussman, L. G., 746.
 Schuyler, Montgomery, 1037.
 Schuyler, William, 116 (38).
 Schwabe, Ernst, 304.
 Schwarz, Hermann, 305.
 Schwatt, I. J., 712.
 Schwonder, Jakob, 579.
 SCIENCE TEACHING, 73 (1), 92 (3), 107 (128-135), 714-740.
 Scotch education department, 632.
 SCOTLAND, higher education, 684.
 Scott, C. A., 1176.
 Scott, F. N., 798 (5).
 Scott, T. P., 116 (30), 657.
 Scott, W. A., 1260.
 Scudder, M. T., 562.
 SECONDARY EDUCATION, 107 (19-21), 107 (75-83), 116 (28-33), 116 (35), 116 (38), 116 (40), 116 (67), 642-759, 794 (5), 798 (1).
 Seerley, H. H., 107 (62), 107 (89), 107 (102), 960, 1048 (3).
 Seidel, R., 379.
 Selbey, A. D., 1397 (12).
 Selden, F. H., 1331-1382, 1870.
 SELF-EDUCATION, 1542-1572.
 SELF-GOVERNMENT. *See* PUPIL SELF-GOVERNMENT.
 Selvidge, R. W., 1314 (8), 1371.
 Senler, Alfred, 310, 1394.
 Sensor, T. D., 1312 (5).
 Sercombe, P. H., 244.
 Sergeant, Nettie C., 115 (4).
 SEX EDUCATION, 161 (7-9), 744.
 Shahan, T. J., 817.
 Sharp, F. C., 107 (13), 1227.
 Shaw, Albert, 1145.
 Shepherd, J. W., 1109.
 Sherwood, H. F., 1410.
 Shields, T. E., 422, 535-536, 581, 791, 1554.
 Shiels, Maud M., 116 (63).
 Shorrock, E., 961.
 Show, A. B., 1247.
 Showerman, Grant, 775.
 Shull, C. A., 747.
 Siders, W. R., 107 (17).
 Siebert, Albert, 1181.
 Siegert, Eduard, 190.
 Silke, L. S., 1313 (9).
 Simkins, J. D., 222.
 Simmons, Kate C., 1432 (13).
 Simon, Abram, 325.
 Simon, Helene, 1080.
 Simon, T., 1512.
 Simon, J. D., 100 (2).

- Simonson, R. B. D., 545.
 Sinclair, S. B., 487.
 Sipe, Susan B., 1110.
 Simon, E. O., 658, 1228.
 Skinner, C. W., 1526 (9).
 Skinner, Stella, 1432 (4).
 Sleeper, H. D., 1455 (1).
 Sloan, P. H., 1333.
 Slocum, S. E., 709.
 Slosson, E. E., 269, 818.
 Small, W. S., 1045 (10).
 Smith, Alexander, 897.
 Smith, D. E., 130 (8), 620, 710.
 Smith, Grant, 612.
 Smith, Holmes, 1313 (3), 1314 (19).
 Smith, H. L., 116 (20).
 Smith, I. G., 423.
 Smith, Mrs. K. W., 1198.
 Smith, W. W., 116 (22), 1268.
 Snodden, D. S., 159 (9), 223, 260, 643 (3), 764, 902, 1309-1310.
 Snow, Bonnie E., 149 (20), 1432 (28).
 Snow, Mary S., 1314 (13).
 Snow, T. C., 1290.
 Snyder, E. R., 563.
 Snyder, J. L., 1397 (7).
 Soares, T. G., 1248.
 SOCIAL CENTERS, SCHOOLS AS, 116 (46), 1181-1186.
 See also ROCHESTER, social centers.
 Société des professeurs de langues vivantes de l'enseignement public, 674.
 Society for the promotion of engineering education, 1428.
 SOCIOLOGICAL ASPECTS OF EDUCATION, 1174-1207.
 SOCIOLOGY, 887.
 Schon, M. D., 731.
 Sollmann, T., 1438 (7).
 SONGS. *See* MUSIC.
 Sonnedocker, T. H., 800 (8).
 Soper, M. B., 1432 (8).
 Soule, A. M., 96 (9).
 SOUTH AMERICA, education, 265, 268.
 South Carolina state teachers' association, 102.
 South Dakota educational association, 163.
 Southern association of college women, 1405.
 Southern California teachers' association, 164.
 SOUTHERN EDUCATION BOARD, 95 (18).
 Southern educational association, 116.
 SOUTHERN STATES, education, 71, 95-96, 116, 119-120, 124, 127, 135, 143, 151-153, 162, 165, 167, 202, 210, 214, 225, 228, 230, 795-796, 1407, 1465, 1469.
 Spanhoofd, Edward, 306.
 SPECIAL CLASSES OF PERSONS, 107 (144-149), 1488-1541.
 SPECIAL DAYS, 1112 (27), 1148-1150.
 SPECIAL FORMS, RELATIONS, AND APPLICATIONS, 1170-1572.
 Spranger, Eduard, 371.
 Squire, Carrie R., 1010.
 STAMMERING, 1069.
 Stamper, A. W., 712, 765.
 Stanton, Theodore, 1162.
 Staples, O. B., 1170.
 Starbird, Grace O., 1414 (1).
 Starbuck, E. D., 863.
 STATE AND EDUCATION. *See* EDUCATION AND THE STATE.
 STATISTICS, 978-985.
 Stearns, R. C., 96 (26).
 Stearns, Jane, 701.
 Stearns, W. N., 819-820.
 Stebbins, C. A., 613.
 Stecher, W. A., 1045 (19).
 Stodman, Mabel, 1140.
 Steiger, K. F., 1313 (14).
 Stern, Clara, 6, 511.
 Stern, William, 6, 511.
 Steuer, W., 711.
 Stevens, E. L., 73 (12), 1061.
 Stevens, F. L., 96 (20).
 Stevenson, A. F., 1427.
 Stevenson, J. J., 1146, 1163.
 Stewart, J. S., 564.
 Stimpff, Joseph, 512.
 Stockton, J. L., 575.
 Stoddard, Cora F., 616.
 Stoddard, F. H., 794 (7).
 Stokes, A. P., 1594.
 Stone, C. R., 1599.
 Stoneroad, Rebecca, 1002, 1132.
 Storey, T. A., 1063, 1147.
 Storey, W. H., 119 (5).
 Storms, A. B., 1397 (6).
 Storr, F., 1291.
 Story, A. J., 1521.
 STORY TELLING, 112 (17), 1112 (16).
 Stowe, Emma L., 1452 (9).
 Strachan, Grace C., 97d.
 Strayer, G. D., 73 (8), 138 (3), 138 (10), 140 (3).
 Strayer, P. M., 1339 (5).
 Strong, John, 285.
 Strong, Josiah, 157 (8).
 Strümpell, Ludwig, 997.
 Struthers, John, 1570.
 STUDENT LIFE AND CUSTOMS, 1151-1169.
 Studer, Paul, 322.
 STUDY, METHODS OF, 121 (7), 467-468.
 Sturdy, W. A., 224.
 SUMMER SCHOOLS, 1548-1549.
 SUNDAY SCHOOLS, 1264-1268.
 SUPERVISION AND ADMINISTRATION, higher education, 840-854.
 SUPERVISION AND ORGANIZATION, 107 (15-47), 107 (63), 159 (1), 159 b-g, 937-991, 1200 (4).
 Sutherland, W. J., 27, 000.
 Sutton, W. S., 370.
 Swain, Joseph, 794 (2), 1249.
 SWITZERLAND, education, 321-322.
 Sylvester, Emma, 614.
 Sylvester, F. O., 1313 (4).
 Talbot, H. P., 732.
 Talbot, Marion, 1480.
 Tall, Lida L., 692.
 Tausig, A. E., 1063.
 Taylor, F. W., 1428 (5).
 Taylor, J. S., 596, 593.
 Taylor, W. J., 189.
 TEACHERS, efficiency, 147 (48); in fiction, 773-775; institutes, 766-767; international exchange, 792, 830 (1); qualifications, 73 (6), 107 (44); salaries and pensions, 107 (39), 970-977, *see also* PROFESSORS, salaries and pensions; training, 700-792, 1045 (16).

- TEACHING. *See* PRINCIPLES AND PRACTICE OF TEACHING.
- TEACHING, as profession, 768-772.
- TECHNICAL EDUCATION, 799 (2), 1388-1395, 1428.
See also under countries.
- TEETH, hygiene, 1084-1086.
- Tennessee public school officers' association, 165.
- Termaat, Minnie I., 601.
- Terry, C. T., 1437.
- TEXAS, education, 95 (7), 124, 922.
- TEXT-BOOKS, 980-987.
- THEOLOGY, 92 (1), 1459-1462.
- THEORY OF EDUCATION, 116 (49), 381-428.
- Thiergen, Oskar, 792.
- Thollon, B., 1522.
- Thomas, D. Y., 225, 1573.
- Thomas, H. A., 1250.
- Thomas, Isaac, 1251.
- Thomas, J. F., 963.
- Thomas, J. M., 771, 821.
- Thomas, M. Beatrice, 714.
- Thompson, A. C., 107 (42).
- Thompson, A. H., 1596.
- Thompson, C. Mildred, 693.
- Thompson, F. V., 759.
- Thompson, J. G., 782.
- Thompson, W. O., 107 (65), 659, 1261.
- Thomson, L. S., 1432 (12).
- Thorndike, E. L., 22, 73 (2), 73 (10), 488, 489, 621, 1005, 1017.
- Thum, William, 424.
- Thwing, C. F., 883, 987, 1164, 1627, 1628.
- Tighe, R. J., 116 (13), 116 (45), 153 (8).
- Tirrell, H. A., 245.
- Tobey, E. N., 1450.
- Tombo, Rudolf, jr., 261, 262, 273.
- Tomlins, W. L., 107 (28).
- Torek, F. J. A., 1525 (1).
- Toulouse, Édouard, 425.
- Townsend, Wallace, 116 (31).
- Tracy, Frederick, 487, 512.
- TRADE EDUCATION, 116 (56), 149 (29), 798 (8), 1313 (17), 1335-1387.
- Tredgold, A. F., 1538.
- Trotto, Pietro, 317.
- TRUANCY. *See* ATTENDANCE, SCHOOL; BACKWARD CHILDREN; MORALLY DEFECTIVE CHILDREN.
- True, A. C., 1397 (1), 1397 (5).
- TUBERCULOSIS, 1087-1088.
- Tucker, W. J., 772, 1165, 1177, 1262.
- Tuckerman, Julius, 78 (5).
- Tuczek, F., 461.
- Tufts, J. H., 822, 1229.
- TURKEY, education, 322-324.
- Turneure, F. E., 1428.
- Tyler, J. M., 837.
- TYPES OF EDUCATION, 1286-1462.
- UNGRADED SCHOOLS, 1526 (6).
- UNIT SYSTEM, 794 (3-4), 860, 862.
- UNITED STATES, educational legislation, 906-928; elementary education, 539-641; higher education, 250-263, 793-899, 905; history of education, 200-263; secondary education, 73 (12), 116 (28-30), 159 A-1, 642-759.
- United States Bureau of Education, 7, 40, 46, 179, 797 (4), 797 (5), 965-999; library, 107 (40).
- United States Department of Agriculture, 67.
- United States Office of experiment stations, 1411.
- UNIVERSITIES AND COLLEGES, 816, 1280 (2, 3, 4, 6), 1284; Austria, 1617; Belgium, 1618-1620; Egypt, 1628; Europe, 273; France, 1621; Germany, 309, 1622-1625; Great Britain, 1595-1617; India, 1637; Italy, 1626; religious education, 1252-1263; state, 810, 820; United States, 73 (7), 73 (8), 95 (16), 96 (10), 107 (23), 1573-1594. *See also* HIGH SCHOOL AND COLLEGE; NORMAL TRAINING, universities.
- UNIVERSITY EXTENSION, 793 (2), 1428 (6), 1550-1554.
- Upham, A. H., 1585.
- Upton, D., 1314 (17).
- Urquhart, W. S., 339.
- Valle, H. S., 1571.
- Valle, P. A., 844-845.
- Valente, Pompeo, 292.
- Van Cleve, E. E., 130 (3).
- Van Cleve, E. M., 107 (147).
- Van der Hayden, Joseph, 1462.
- Van Dyke, Henry, 226.
- Van Dyke, Paul, 823.
- Van Hise, C. R., 95 (16), 263.
- Van Kleeck, Mary, 1426.
- Vargas, Moises, 268.
- VASSAR COLLEGE, 1589.
- Vaughan, V. C., 1439 (7).
- Venable, F. P., 796 (1), 824.
- VENTILATION, school-houses, 1038-1040.
- Verein für wissenschaftliche pädagogik, 462.
- Vermont state teachers' association, 166.
- Verworm, Max, 720.
- Vetterlein, E. F., 1036.
- Vidotto, G., 34, 318.
- VIENNA. UNIVERSITY, 1617.
- Virginia state teachers' association, 167.
- VOCATIONAL EDUCATION, 644 (4), 799 (4-5), 906 (2), 1293-1311, 1387, 1432 (18), 1432 (27).
- Vose, G. H., 1339 (10).
- Votaw, C. W., 1211, 1230.
- Vuyst, Paul de, 1412.
- Wade, F. B., 733.
- Wade, H. T., 862.
- Wagner, A. E., 1018.
- Wahlstrom, L. W., 1313 (19).
- Waltz, Theodor, 463.
- Wald, Lillian D., 1112 (27), 1201, 1462 (13).
- Walden, J. W. H., 28, 193.
- Waldorf, Lee, 464, 760.
- Waldstein, Charles, 1187 (14).
- Walker, C. H., 1313 (1).
- Walker, J. C., 796 (5).
- Wallin, J. E. W., 37, 985, 1074-1075.
- Walter, H. E., 738.
- Ward, E. J., 1112 (18), 1185.
- Warren, G. F., 1398 (4).
- Warren, Irene, 20.
- Warriner, E. C., 1387.
- Washington, B. T., 163 (6), 1496.
- Washington (State) Dept. of education, 227.
- Washington educational association, 168.
- Waterman, Hannah P., 78 (8), 1398 (3).
- Waters, H. J., 1397 (9), 1413.
- Watson, Foster, 282, 374, 426.
- Watt, W. E., 1039, 1046 (15), 1046 (21).

- Weakley, Janet, 636.
 Weaver, E. W., 644 (4).
 Webb, Helen, 1157 (3).
 Webster, G. W., 1438 (14).
 Webster, H. J., 1311.
 Webster, W. F., 246.
 Weed, C. M., 1111.
 Wehrhan, Karl, 427.
 Weimer, Solomon, 1547.
 Welch, H., 800 (5).
 Welsh, Trevor, 1482.
 Welton, James, 60, 465, 1231.
 Wenley, R. M., 884, 1263.
 Wernicks, Alexander, 207.
 Westbrook, F. F., 1438 (13).
 WESLEYAN UNIVERSITY, 1560.
 West, Miss C. L., 1432 (17).
 West, H. S., 116 (3).
 WEST POINT MILITARY ACADEMY, 1143.
 West Virginia university, 169.
 Western drawing and manual training association, 1313-1314.
 Weston, S. E., 800 (7).
 Wheeler, Mary C., 1432 (14).
 Whipple, G. M., 53, 1064.
 Whitaker, G. H., 78 (12).
 White, A. D., 1280 (2), 1280 (3).
 White, Jessie, 721.
 White, W. T., 116 (66).
 Whitehead, R. H., 1438 (16).
 Whitfield, H. L., 846, 767, 1372.
 Whitney, Worrall, 722.
 Whitlat, J. E., 734.
 Whittemore, G. E., 1200 (4).
 Wickson, E. J., 1397 (11).
 Wiebe, Edward, 538.
 Wigmore, J. H., 1432 (2).
 Wiley, H. W., 1286.
 Willett, H. L., 1276.
 Williams, Ada, 1312 (6).
 Williams, Harold, 1451.
 Williams, James, 287.
 Williams, S. H., 1334.
 Williams, T. A., 1045 (13).
 Williams, W. M., 854.
 WILLIAMS COLLEGE, 1591-1592.
 Willmann, Otto, 351.
 Willoughby, W. F., 1488 (5).
 Wilson, B. N., 1373.
 Wilson, J. M., 286.
 Wilson, L. N., 1572.
 Wilson, Lucy L. W., 625.
 Wilson, Woodrow, 145 (4), 428, 643 (2), 793 (3), 825, 857.
 Winch, W. H., 490.
 Winchell, H. N., 1314 (3).
 WINONA TECHNICAL INSTITUTE, 1363 (5).
 Winship, A. E., 131 (3), 228, 229, 247-249, 283, 545, 782-784, 977.
 Winter, Richard, 1123.
 WISCONSIN, education, 96 (10), 924-928.
 Wisconsin teachers' association, 170.
 WISCONSIN UNIVERSITY, 1496.
 Wise, S. S., 1199.
 Withers, J. W., 107 (38).
 Wittich, George, 1045 (7), 1141.
 Wolcott, J. D., 17, 230.
 Wolfe, L. E., 964.
 Wolse, C., 308.
 WOMAN'S NATIONAL COUNCIL OF EDUCATION, 1475.
 WOMEN, agricultural education, 1396; domestic science, 134 (32), 1423-1425; education, 95 (10), 96 (13), 96 (8), 107 (169-171), 119 (34), 127 (3), 168 (16), 643 (2-4), 1197, 1463-1487; higher education, 1409, 1477; industrial education, 119 (23), 1339 (3), 1466-1467; physical education, 1122, 1132, 1136; teachers, 770, 976. *See also* NURSES, training.
 WOMEN'S CLUBS AND EDUCATION, 95 (11-12), 96 (15), 116 (45), 152 (5), 1396 (2-3).
 Women's educational and industrial union, Boston, Mass., 1466-1467.
 Wood, F. A., 1589.
 Wood, H., 1314 (5).
 Wood, T. D., 54, 1065-1066.
 Woodbridge, S. H., 1040.
 Woodbury, Sarah F., 10, 626.
 Woodhull, J. F., 723, 899.
 Woodley, O. L., 107 (41).
 Woodward, C. M., 798 (6), 799 (1), 1313 (16).
 Woodward, Cora S., 1168.
 WOODWORK, 1319.
 Woolman, Mary S., 1339 (3), 1374.
 Working, D. W., 1396 (1).
 Wright, C. T., 995.
 Wright, J. D., 1523.
 Wright, Sarah M., 249.
 Wuerpel, E. H., 1313 (5), 1313 (7).
 Wyeth, J. A., 1440 (3).
 Wylie, F. J., 1285.
 YALE UNIVERSITY, 350, 341, 1593-1594.
 Yates, J. S., 587.
 Yetter, J. M., 232.
 Yocum, A. D., 869.
 Young, Ella F., 660.
 YOUNG MEN'S CHRISTIAN ASSOCIATION, 1112 (24-26), 1278.
 Younger, Alice, 1180.
 Zapffe, F. C., 1440 (5).
 Zauck, Carl, 1487.
 Zeller, J. W., 566.
 Zenner, Philip, 748.
 Zentler, Arthur, 1525 (5).
 Zenz, Wilhelm, 190.
 Ziebarth, Erich, 194.
 Ziegler, Theobald, 191, 466.
 Ziellinskij, F. F., 1292.
 Ziertmann, Paul, 826.
 Zimmerman, O. B., 1428 (12).
 Zoology, 729-740.