# UNITED STATES BUREAU OF EDUCATION BULLETIN 1914, NO. 3 ... WHOLE NUMBER 574

# MONTHLY RECORD OF CURRENT EDUCATIONAL PUBLICATIONS

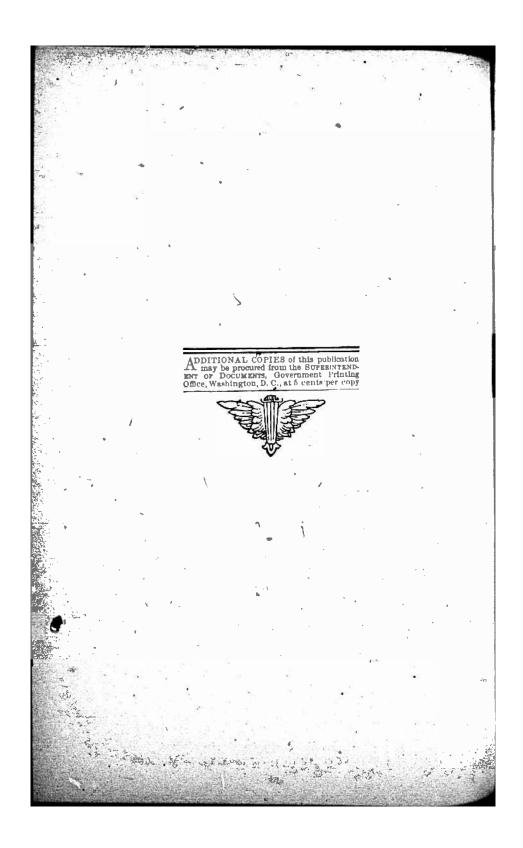
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1914







## MONTHLY RECORD OF CURRENT EDUCATIONAL PUBLICATIONS.

CONTENTS.—Introductory notes.—Publications of associations.—General reference.—Educational history.—Current educational conditions.—Pedagogies and delactics.—Educational psychology. Child study.—Special methods of instruction.—Special subjects of curriculum.—Kindergarten and primary school.—Rural education.—Secondary education.—Teachers: Training and professional status.—Higher education.—School administration.—School management.—School architecture.—School hygiene and sanitation.—Sex hygiens.—Play and playgrounds.—Social aspects of education.—Child welfare.—Moral and religious education.—Hannal and vocational training.—Professional education.—Education of woman.—Exceptional children.—Libraries and reading.—Bureau of education: Recent publications.—Now periodicals.—Periodicals indexed in this number.—Bulletin of the Bureau of education.

#### , INTRODUCTORY NOTES.

The following are representative books and articles selected from the titles in the accompanying list, the numbers in parentheses refer-

ring to the numbers of the full entries:

Monroe, Cyclopedia of education, volume 5 (6); Graves' History of education in modern times (7); Ward, Montessori method and the American school (61): Betts and Hall, Better rural schools (62); Dabney, Student body of University of Cincinnati (90): Hibben, Type of graduate scholar (95); Dutton, Investigation of school systems (106); Gill, A new citizenship (111); Richards, Study of industries for purposes of vocational education (144); Grant and Hodgson, Case for coeducation (155); Johnston, Library as a university factor (167).

Of the publications listed, only those named in the section headed "Bureau of Education: Recent publications" are available for free distribution by this office. All others may ordinarily be obtained from their respective publishers, either directly or through a dealer, or in the case of an association publication, from the secretary of the issuing organization. A list of periodicals indexed, with places of publication, may be found at the end of this bulletin.

Books, pamphlets, etc., intended for inclusion in this record should be sent to the library of the Bureau of Education, Washington,

D. C.

## BOOKS, PAMPHLETS, PERIODICAL ARTICLES.

#### PUBLICATIONS OF ASSOCIATIONS.

 Association of American medical colleges. Proceedings of the twentythird meeting, held at Chicago, February 26, 1913. 75 p. 8°. (F. C. Zapife, secretary-treasurer, Chicago, III.)

Contains: 1. Egbert Lefavre: Some problems of medical education, p. 5-17. 2. C. R. Bardeen: Divisited schools, p. 22-28. 3. W. C. Borden: Medical college organisation, p. 39-33.



Zake Mohon's conference of friends of the Indian and other dependent peoples. Report of the thirty-first annual conference . . October 22, 23, and 24, 1913. Published by the Lake Mohonk conference of friends of the Indian and other dependent peoples, 1913. 224 p. 8°. (II. C. Phillips, secretary, Mohonk Lake, N. Y.)

Contains: 1. Paul Monros: What the Philippine school system is doing for Philippine freedom, p. 96-103. 2. 8. W. Eckman: Importance of educational work in Porto Rico, p. 164-69. 3. J. W. Osborn: Limitations of educational facilities in the Philippines, p. 174-75.

 National league of nursing education. Proceedings of the nineteenth annual convention. . . held at Atlantic City, N. J., June 23, 24, 25, 1913.
 Baltimore, Williams & Wilkins, company, 1913. 114 p. .8° (Sara E. Parsons secretary, Boston, Mass.)

Contains: 1. Isabel M. Stewart: Report of the committee for approaching women's colleges, p. 35-38. 2. Mrs. E. F. S. Smith: Factors of elimination in schools for nurses, p. 54-49. 3. Amy P. Miller: Report of conference on preliminary teaching, p. 65-68.

South Carolina state teachers' association. Proceedings of the forty-first annual meeting...held at Columbia, S. C., Murch 13, 14 and 15, 1913. Columbia, S. C., State co., printers, 1914. 51.p. 89 (L. T. Baker, secretary, Columbia, S. C.)

Contains: 1. R. C. Burts: President's address, p. 28-31. 2. O. B. Martin: Teaching out of school, p. 32-35. 3. J. E. Swearingen: Suggestions for improving the teaching profession in South Carolina, p. 36-39.

Vermont state teachers' association. Report of the sixty-third annual convention... Rutland, Vt., October 24, 25 and 26, 1912. Bellows Falls, Vt.,
P. H. Gobie press, 1913. 129 p. 12°. (Amy B. Drake, secretary, St. Johnsbury, Vt.)

Contains: 1. G. S. Wright: President's address, p. 23-30. 2. Figxible grading and promotions, p. 30-37. 3. Caroline M. Griswold: Co-operation of parents and teachers, p. 81-85. 4. A. F. Stone: What business domands of the schools, p. 86-92. 5. T. F. Collier: The history teacher's opportunity, p. 93-102. 6. Mrs. H. K. Whitaker: What society demands of the schools, p. 109-14.

#### GENERAL REFERENCE.

6. A cyclopedia of 'education, ed. by Paul Monroe. Volume 5. Pol-Zwi. New York, The Macmillan company, 1973. xiii, 892 p. illus. 4°.

Analytical indexes: p. 855-92.

This volume completes the work.

#### EDUCATIONAL HISTORY.

- Graves, Frank Pierrepont. A history of education in modern times. New York, The Macmillan company, 1913. xv, 410 p. 12°.
- Kerr, John. Scottish education, school and university, from early times to 1908; with an addendum 1908-1913. Cambridge, University press, 1913.
   xvi, 454 p. 8

#### CURRENT EDUCATIONAL CONDITIONS.

- Armani, Tarquinio. Il liceoginnasio moderno. Rivista d'Italia, 2: 641-72, November 15, 1913.
  - Justifies the place of this recent development in the Italian educational system.
- 10. Bell, Clair H. Experiences of an American exchange teacher in Germany. Educational review, 47: 28-56, January 1914.

11. Corson, O. T. The Ohio school survey. Ohio educational monthly, 63: 1-8, January 1914.



12. Whitehouse, John Howard. A national system of education. Cambridge,
University press, 1913. 92 p. 8°.
Discusses conditions and prospects in England.

#### PEDAGOGICS AND DIDACTICS.

13. Bruce, H. Addington. New theories in education. Outlook, 106: 144-48, January 17, 1914.

Claims that "the real trouble is that education, in the sense of formal, conscious guidance and instruction, does not begin soon enough."

- Clendenen, Taylor C. Value of supervised study. School news and practical educator, 27: 194-95, January 1914.
- 15. Howe, Oliver H. Cultural education. Education, 34: 320-27, January 1914. Shows the advantages of cultural education, to supplement practical studies. It makes for the development of character; for a breadth of sympathy with life in all its forms.
- 16. Kiroul, Paul. Le système de concentration dans l'enseignement. (Études didactiques) Ostende, Belgium, Bureau international de documentation éducative, 1913. 10 p. 8°. (Bibliothèque internationale d'éducation)

  Describes a Netherlandish experiment of the "education for life" type, similar to the Rock Hill experiment in the United States.
- Laird, Sinclair. Meaning of experimental education. School, 2: 293-97, January 1914.
- McManis, John T. The locus of studies. Educational bi-monthly, 8:95-105, December 1913.

Claims that the locus of studies has a twofold aspect. In the first place we must see that the subject fits into the stage of growth of each individual child, in the second place, the locus of studies brings as back to the old practice of "Correlation of studies."

 Neue ziele und wege der p\u00e4dagogik. P\u00e4dagogische zeitung, 42: 925-7, December 11, 1913.

Report of Dr. Brahn's address before the l'ädagogische Zentrale, in which the attempt is made to place current tendencies in pedagogy historically. Suggestive.

- Reinach, Théodore. L'éducation athénienne et l'éducation française. Revue pédagogique, 63: 531-56, December 1913.
- Repplier, Agnes. Popular education. Atlantic monthly, 113: 1-8, January 1914.

Writer says the theory that "school work must appeal to a child's ductuating tastes, must attract a child's involuntary attention, does a grievous wrong to the rising generation; yet it is upheld in high places."

22. Sanders, Frederic W. The organization of education. Education, 34: 273-82, January 1914

First article of a series dealing with some "educational postulates and practical suggestions as to the organization of schools."

- Smith, Henry Bompas. Education as the training of personality; an inaugural lecture. Manchester, University press, 1913. 38 p. 12°. (Manchester university lectures. no. XVII)
- 24. Springer, F. W. Fundamentals in education. Bulletin of the Society for the promotion of industrial education, 4: 37-47, December 1913.

  Discusses the subject under the following headings: Men and women teachers, Careers, Educators, and School trend.
- 25. Wilson, Albert. Does the child start fair? Parents' review, 25: 1-12, January 1914.

#### EDUCATIONAL PSYCHOLOGY, CHILD STUDY.

26. Do you want one of these [10] boys? They have been examined for the Delineator by Dr. Gustave A. Blumenthal, vocational expert for the District of Columbia. He gives a character reading of each. Delineator, 84: 7, February 1914. illus.

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- 27. Hinkle, E. C. Tests for efficiency in arithmetic. Educational bi-monthly, 8: 123-35, December 1913.
  - Tells of the Rice test and the Stone test and gives results of their use in some experiments.
- 28. Kohs, Samuel C. The Binet test and the training of teachers. Training school bulletin, 10: 113-17, January 1914. The story of training fifty-eight teachers to use the Binet test.
- 29. Mead, Fyrus D. The age of walking and talking in relation to general intelligence. Pedagogical seminary, 20: 460-84, December 1913. Bibliography: 483-84.
- 30. Morse, Josiah. A comparison of white and colored children measured by the Binet scale of intelligence. Popular science monthly, 84: 75-79, January

Measurement with the Binet scale, as revised by Dr. H. H. Goddard. Tests made by Alice C. Strong on white and colored school children of Columbia, S. C. Concludes that "negro children from 6 to 12 and possibly 15 years are mentally different, and also younger than southern white children of corresponding age, and this condition is partly due, at least, to causes that are natife

31. Strong, Alice C. Three hundred fifty white and colored children measured by the Binet-Simon scale of intelligence: a comparative study. Pedagogical seminary, 20: 485-515, December 1913.

Bibliography: p. 512-15.

The children tested were in the public schools of Columbia, S. C.

#### SPECIAL METHODS OF INSTRUCTION.

- 32. Bailey, Carolyn Sherwin. For the story teller; story telling and stories to tell. Springfield, Mass., Milton Bradley company, 1913. 261 p. 8°
- 33. Mac Munn, Norman. Differentialism; a new method of class self-teaching. London, W. H. Smith & son [1913] 27 p. 12°
- 34. Schmidt, A. Der kinematograph als schädiger und helfer in erziehung und unterricht. Pädagogische warte, 20: 1288-96, December 1, 1913. Hostile to moving pictures under present conditions. Suggests good films to fight bad, and commends circuit films of the "Society for the spread of public education."
- 85. Sudeley, -.. The publicability of museums. Nineteenth century, 74: 1211-19, December 1913

Discusses the educational value of museums. From English standpoint.

#### SPECIAL SUBJECTS OF CURRICULUM.

36. Anderson, Madge. A real school paper. School-arts magazine, 13: 341-47, January 1914. · Tells of the management and success of the "Comet." issued by the West division high school,

Milwaukee, Wis.

- 37. Appleton, R. B. Some practical suggestions on the direct method of teaching Ratin. Cambridge, W. Heffer & sons ltd., 1913. 83 p. 12°.
- 38. Atherton, Lewis. Literary selections most frequently memorized in the elementary school. Elementary school teacher, 14: 208-20, January 1914. Statistics based on an examination of 34 selected state, county, and city courses of study.
- 39. Bean, CAH. How English grammar has been taught in America. Education, 34: 301-311, January 1914.
- 40, Booth, Mary J. Material on geography which may be obtained free or at small cost. Journal of geography, 12: 129-51, January/1914.
- 41. Chubb, Percival. The blight of literary bookishness. English journal, 3: 15-27. January 1914. -.

A paper read before the National council of teachers of English at the annu November 28, 1913. 



42. Commercial education in secondary schools. School world, 16: 16-23, January 1914.

Symposium on the organization, curriculum and teaching of commercial subjects to pupils of high school age, by eight men and women in active work in English secondary education.

 Coombs, F. E. Methods of teaching primary reading. School, 2: 273-76, January 1914.

Classification of the general types to show their development and to allow comparative study.

44. Coulter, John G. Organization and content of high school science. School and home education, 33: 171-75, January 1914.

Statement of principles underlying a general science course presented for discussion at the November, 1913, meeting of the Central association of science and mathematics teachers.

- 45. Day, Clive. Commercial and industrial history in secondary schools. History
   teacher's magazine, 5: 11-16, January 1914. . . .
- 46. Gerhard, E. Schultz. The value of studying German. American education, 17: 204-7, December 1913.

"A scholarly and practical discussion of the subject."

- Gillette, John M. An outline of social study for elementary schools. American journal of sociology, 19: 491-509, January 1914.
- 48. Guild, Thacher H. Suggestions for the high-school play. English journal, 2: 637-46, December 1913.

  Reprinted from the April Bulletin of the Illinois association of teachers of English.

Gives a list of some plays which have proved successful at the University of Illinois and the local schools.

- Kurtzworth, H. M. The school publication as a factor in arteducation. Schoolarts magazine, 13: 331-40, January 1914.
- 50. McKay, Ethel H. The problem of the primer. School, 2: 277-83, January 1914.
  Outline of a method of using the phonic system with the primer in teaching reading.
- Moore, Maud. Reading and phonics. Primary education, 22: 5-9, January 1914.
- 52. Syford, Ethel. Music for children. New England magazine, 48: 544-46, January 1914.

Making the elements of music study more interesting to children. Shows educational value of such study.

- 53. Tozier, Josephine. If Mme. Montessori taught music, this engaging new method, which is phenomenally successful, would probably be her way of doing it. Delineator. 84: 16-17, 61, February 1914.
- The author presents "Mile. Chassavant, a Frenchwoman who has invented a unique music-teaching method. The results of the Chassavant method are to help children to read and execute music as phenomenally as Montessori children read and write their mother tongue. The Chassavant method, moreover, is bufft on Montessori sense training, although developed independently of the Montessori method."
- 54. Trendley, Mary. The unification of English history. Education, 34: 295-300, January 1914.

"The chief danger in the study or teaching of history is that we become so wrapped up in details that we lose the larger outlook."

 Wicke, R. Der lehrplan für den gesangunterricht. Archiv für pädagorik, 2: 113-29, December 1913.

Analyzes and criticizes rather sharply present German practice with respect to music in the public school curriculum.

Young, Charles E. The other side of the modern language question. Education, 34: 316-19, January 1914.

Registers a plea for laying the stress in our modern language teaching on acquiring ability to read.



#### KINDERGARTEN AND PRIMARY SCHOOL.

- 57. Binzel, Alma L. Early education: the kindergarten; the house of childhood; the "exceptional home." Kindergarten review, 24: 271-83, January 1914.
- 58. Buck, Philo M., jr. Puero reverentia. Mid-west quarterly, 1: 173-86, January 1914.
- 59. Fisher, Dorothy Canfield. The Montessori manual, in which Dr. Montessori's teachings and educational occupations are arranged in practical exercises or lessons for the mother or the teacher. Chicago, The W. E. Richardson co., 1913. 126 p. illus. 8°.
- 60. Pollock, Horatio M. Notes on the development of the Monteseori system.

  American education, 17: 268-71, January 1914.
  Writer says: "Although I have profound admiration for the new pedagogy and its founder,

Writer says: "Although I have profound admiration for the new pedagogy and its founder, I am convinced that the departure from customary methods is too great to permit its ready adoption in our schools."

61. Ward, Florence Elizabeth. The Montessori method and the American school. New York, The Macmillan company, 1913. xvi, 243 p. illus. 12°.

#### RURAL EDUCATION.

- 62. Betts, George Herbert and Hall, Otis Earle. Better rural schools. Indianapolis, The Bobbs-Merrill company [1914] 12 p. l., 512 p. illus. 8°.

  CONTENTS. Part I. The demand for better rural schools.—Part II. The curriculum of the rural school.—Part III. The teacher and the rural school.—Part IV. Consolidation and rural school efficiency.—Part V. Rural school administration.—Part VI. The outlook for rural education.

  Building apply: pr 491-97.
  - Cubberley, Ellwood P. Politics and the country-school problem. Educational review, 47: 10-21, January 1914.

Advocates the subordination of the district school system, the erection of the county as the unit for school administration, and the absolute elimination of party politics from the management of the schools. Writer says that U tah and Maryland offer fine examples of a good system of county school organization. Recommends also the supervisory system of Massachusetts, or the Minnesota plan for the rorganization and consolidation of districts.

- 64. Culter, Horace M. and Stone, Julia M. The rural school, its methods and management. Boston, New York [etc.] Silver, Burdett and company [°1913] xi p., 1.365 p. incl. front., illus. 12°.

  Contains "References." "A working library for country schools": p. 135-142.
- 65. Curtis, Henry S. Educational extension through the rural social center. Education, 34: 283-94, January 1914.

  Chapter from a forthcoming book, to be published shortly by Chapter from a forthcoming book, to be published shortly by Chapter from a forthcoming book.

Chapter from a forthcoming book, to be published shortly by Ginn & co., and entitled "Play and recreation in the open country." Describes various activities such as school exhibitions, extension lectures, institutes and Chautauquas, civic debates, libraries, etc.

- 66. Dadisman, S. H. Manual training in the contry school. Industrial-arts magazine, 1: 22-24, January 1914.
  Shows how manual training in the Consoldated school of Rollo, Illinois, is mosting the needs
  - of the rural community.
- 67. Evans, C. E. Training teachers for rural service. Texas school magazine, 16: 12-15, January 1914.
- 68. Farwell, Parris Thaxter. Village improvement. New York, Sturgis & Walton company, 1913. xi, 362 p. \*illus. 12°. (Farmer's practical library, ed. by E. Ingersoll.)

  Bibliography: p. 350-56.

Includes chapter on Educational and co-operative work, The public school, Boys' and girls' clubs, and Play for young and old.



 Hayes, D. W. The normal school and the rural problem. American schoolmaster, 6: 433-48, December 1913.

<sup>4</sup> Paper read before the joint meeting of the Departments of normal schools and of rural and agricultural education of the National education association, at Salt Lake City, July 8, 1913.

The article "presents c problem of special importance at the present time, suggests what can be done on the part of teachers' training schools towards its solution, and indicates what is now being done in this direction."

70. Kirk, Will T. Taking the high school into the country. Popular educator, 31: 247-50, January 1914.

Tells of the work of L. R. Alderman in Oregon.

- Reagan, Chapell R. Linking the school with the home and community. Normal instructor, 23: 15-16, January 1914.
   Shows what a poor rural community at Linville, Louislana, has done for its schools.
- St. Clair, David F. The rural life engineer and his work. American review of reviews, 49: 73-80, January 1914.
   Describes work of the Y. M. C. A. county secretaries or rural-life engineers. Illustrated.
- Schuster, Sarah J. Regeneration of the rural school. School century, 9: 204-6, January 1914.
   Discusses the work of Mr. E. J. Tobin, Superintendent of schools, Cook county, Illinois. Also in Catholic school journal, 13: 312-13, 319, January 1914.
- 74 Threadfill, Mrs. John. The traveling library commission and the rural schools. Oklahoma school herald, 21: 12-13. December 1913.
- 75. Womack, J. P. The opportunity of the country teacher. Journal of education, 79: 35-37, January 8, 1914.
  This article is from an address given before the Arkansus state teachers' association at Little

#### SECONDARY EDUCATION.

Allen, I. M. Some experiments in high school instruction. School review, 22:
 26-44, January 1914.

Experiments in teaching elementary science in the Wichita high school, Kana. Conclusion drawn that high school instruction must be "intensified rather than extensified, or problemized rather than topicized."

77. Bole, John A. The organization of a large high school. School review, 22: 1-11, January 1914.

Describes process of organization of the Eastern district high school, Brooklyn, N. Y. Draws the following conclusion: "Promotion by subject does not necessitate small classes, nor classes uneven in size." If classes are of uniform size, a relatively large number of pupils can be taught without averoroweding classes and without averworking teachers."

78. Maphis, Charles G4. A decade of growth in secondary education in the Southern states. High school quarterly, 2: 80-87, January 1914.

A paper read before the Association of colleges and secondary schools of the Southern states at its annual meeting held at Knoxville, November 5-8, 1913.

 Stewart, Joseph S. Report of the Southern commission on accredited schools. Knoxville, Tenn., Nov. 7th, 1913. High school quarterly, 2: 99-104, January 1914.

#### · TEACHERS: TRAINING AND PROFESSIONAL STATUS.

- 80. The Arkansas state normal school. Arkansas teacher, 1: 7-11, December 1913.
- 81. Jastrow, Hedwig. Entschädigung der wegen verheiratung aus dem amte scheidenden lehrerinnen. Lehrerin, 30: 297-99, December 20, 1913.

  Pension rights of women school teachers who leave the profession to get married. Gives tables.
- 82. McAndrew, William. The joy of teaching. Journal of education, 78: 625-26, December 18, 1913: 20252°-14---2



- 83. New York state teachers' association. Report on a professional code of sethics for teachers, by the sub-committee of the Executive committee, George M. Forbes, chairman. American education, 17: 272-75, January 1914. Also in School bulletin, 40: 73-74, December 1913.
- 84. Recommendations of the Ohio school survey on certification of teachers. Ohio teacher, 34: 197-98, December 1913.
- 85. Schaeffer, Nathan C. The dead line. Some teachers die before they are ready for burial. Pennsylvania school journal, 62: 284-87, January 1914.

  Claims that in the vocation of teaching lapse of study means lapse of efficiency and ultimately innocuous descetude, if not mental stagnation for both teachers and pupils.
- 86. Victoria university of Manchester, Department of education. The demonstration school record no. II. The pursuits of the Felden school. Ed. by J. Findlay. Manchester, University press, 1913. xxxiii, 283 p. front., plates. 8°. (Publications of the University of Manchester, no. LXXV. Educational series. no. VII)
- 87. Young, Bose. Guilty of motherhood. Good housekeeping magazine, 58: 27-35,
   January 1914.
   Married women as teachers. Conditions in schools of New York city.

#### HIGHER EDUCATION.

- 88. Berendsohn, Walter A. Von den studentiechen gemeinschaft im amerikanischen college. Akademische rundschau, 2: 162-7, December 1913.

  An interesting and discriminating statement of certain phases of student life at American colleges.
- 89. Boutroux, Émile. Science et culture. Revue internationale de l'enseignement, 33: 385-401, December 1913.

  An address delivered at the inauguration of the Graduate collège of Princeton university, October 21, 1913.
- Dabney, Charles W. A study of the student body of the University of Cincinnati: a municipal university. National municipal review, 3: 68-77, January 1914
- Davidson, Norman J. Things seen in Oxford. London, Seeley, Service & co. limited, 1914. 258 p. illus. 16°.
- 92. Draper, Ernest G. The college man in business. Outlook, 106: 27-30, January 3, 1914.
  Conclusions drawn from a typical class in two typical institutions—Yale university (class of 1908), and Amherst college (class of 1908).
- 93. Gribble, Francis. The romance of the Cambridge colleges. London, Mills & Boon, limited, 1913. 268 p. illus. 12°.
- 94. Hart, Joseph K. The democratic organization of a state university. Popular science monthly, 84: 91-99, January 1914.
  - Advocates among other things a larger recognition of the student body. Bays: "In all questions affecting the real policy of the university the student body must have a chance to express its deliberate will in a democratic sort of way." The problem of the democratic participation by the faculty in the sotual affairs of the university must also be solved.
- 95. Hibben, John G. The type of graduate scholar. Educational review, 47: 1-9, January 1914.
  - Discusses the determining forces in the academic world to-day, which tend "to constitute a definite type of graduate student."
- 56. Johnston, J. B. University organization. Science, nts. 38: 908-18, December 26, 1913.
  - Discusses what the writer considers to be the proper form of university organization, and how it can be approached in our state universities.
- 97. Johnse, Adam Leroy. The work of the committee on undergraduate admissions.

  Columbia university quarterly, 16: 27-39, December 1913.

  Te to concluded.



- Jones, E. E. Constance. Girton college. London, A. & C. Black, 1913. 63 p. illus. 8° (Beautiful Britain Series)
- Lowell, A. Lawrence. Measurements of efficiency in college. Journal of education, 78: 851-52, December 25, 1913.
   Address before the New England association of colleges and preparatory schools.
- 100. Matthews, W. K. Some features of higher education in Germany. Methodist review, 63: 74-90, January 1914.
  Concludes that the school system and the methods of instruction in Germany are calculated to beget dependence on authority rather than independence and freedom of action.
- 101. Perrott, George St. John. Reminiscences of Oxford. Quarterly journal of the University of North Dakota, 4: 154-63, January 1914. An account of experiences at Oxford "by one of her sons,"
- 102. Salisberg, Paul von. Deutsche kulturarbeit im ausland. 1. Das Deutsch-Südamerikanische institut. Hochschul-nachrichten, 24: 39-40. November 1913.

Describes the "German South-American institute," a German educational organization with branches in most of the South American states. The Institute has close affliations with the University of Bonn and the Technical school at Aachen.

103. Stearns, Harold E. The confessions of a Harvard man. Forum, 51: 69-81, January 1914.

Concluded from December number. Harvard life from the inside. Criticises what he terms "the lack of vigorous intellectual discipline." Thinks a general culture is still a man's best training for any special work. Deplores "the steady growth of modern utilitarian ideals at Harvard."

Stevens, W. LeConte. Academic student elections. Science, n. s. 39: 91-94,
 January 16, 1914.

Observations on F. C. Ferry's article. Some tables of student hours of instruction, in Science, n. s. 38: 584-89, October 24, 1913.

105. Venn, John. Early collegiate life. Cambridge. W. Heffer and sons ltd., 1913. 286 p. 12°.
Relates to Gonville and Caius college, Cambridge university.

#### . SCHOOL ADMINISTRATION.

 Dutton, Samuel T. The investigation of school systems. Educational review, 47: 57-64, January 1914.

Writer says: "Instead of appointing a commission to report publicly on city schools, it would seem far better to choose some one or two very competent persons as advisors to the school system, say for a period of five years, giving them proper salary and letting them make confidential reports to the board, from time to time, on such matters as seem to them to need special attention... It would prevent the exploitation of personal opinions and that playing to the galleries which is so likely to occur, etc."

- 107. Great Britain. Board of education. Office of special inquiries and reports. Memorandum on compulsory attendance at school in certain European countries and American states. Kondon, Printed under the authority of H. M. Stationery office, by Eyre and Spottiswoode, ltd., 1913. 75 p. 8°. (Imperial education conference papers. 11)
- 108. Meade, George H. A heckling school board and an educational stateswoman.

  Survey, 31: 443-44, January 10, 1914.

  Discusses the re-election of Mrs. Ella Elagy Young as superintendent of schools of the city of Chicago.
- 109. Weet, Herbert S. Elimination, retardation, and non-promotion. American school board journal, 48: 9-11, 65, January 1914.

"This paper, which formed the basis of an extended discussion before the New York Council, of superintendents, presents one of the first working schemes for reducing retardation, etc., which has been found practical."

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#### SCHOOL MANAGEMENT.

- 110. Gill, Wilson L. The boys' and girls' republic; text-book of the art of citizenship. Philadelphia, American patriotic league [1913] 100 p. illus. 12°.
- A new citizenship. Democracy systematized for moral and civic training. Philadelphia, American patriotic league [1913] 268 p. illus. 12°. Introduction by Patterson Du Bols.

The book undertakes to show how pupil self government has been developed and successfully applied, and how the work which has already become both national and international may be further developed.

112. Lugg, Charles H. Home work and the school. South Dakota educator, 17: 8-10, December 1913.

The author believes in home tasks for pupils to a limited extent, but thinks they should be such that they will chims in with the interests and the harmonies of the home life.

113. The use of a score card in appraising class work. School review, 22: 57-60, January 1914.

Gives samples of cards.

#### SCHOOL ARCHITECTURE.

- 114. Keene, Charles H. The effect of conditions of schoolroom heating and ventilating on schoolroom attendance. School review, 22: 20-25, January 1914. Conditions in Buffalo, N. Y., described. Makes a plea for thorough ventilation. Shows what has been accomplished by open-air schools.
- 115. Windlow, C. E. A. School ventilation in New York city. American journal of public health, 3: 1158-75, November 1913.

  Results of a study of existing atmospheric conditions in the schools, made by Prof. Charles

Baskerville and the writer, as a part of the New York school inquiry. Thirty-two typical examples of schools were selected for examination.

#### SCHOOL HYGIENE AND SANITATION.

- 116. Burnham, William H. Mental hygiene in the school. Mind and body, 20: 387-91, January 1914.
  Read at the fourth International congress on school hygiene, August 1913, at Buffalo, N. Y.
- 117. Foster, N. K. The Oakland system of medical supervision. American education, 17: 208-11, December 1913.
- 118. Greenwood, Arthur. The health and physique of school children. Westminster, P. S. King & son, 1913. xv, 96 p. tables, charts. 8°.

  An anthroporastric study of British school children, published by the Ratan Tata foundation, School of economics, University of London.
- 119. Kohnky, Emma. Preliminary study of the effect of dental treatment upon the physical and mental efficiency of school children. Journal of educational psychology, 4: 571-78, December 1913.

"The method of equal groups was employed and check tests were made upon children of the mans ability who had no dental treatment. The gain of the treated group constitutes a strong argument in favor of the extension of dental treatment in the schools."

120. McKeag, Anna Jane. The conservation of the child's energy. Child-welfare magazine, 8: 163-66, January 1914.

It is the purpose of this article to point out some of the facts that have been discovered in the last two decades in regard to methods of utilizing to the best advantage the powers and energy of the child in the schoolroom.

#### SEX HYGIENE.

- 121. Foerster, F. W. The sense of chame. Do sex crusaders forget its importance?

  Pennsylvania school journal, 62: 247-49, December 1913.

  Reprinted from the Philadelphia Ledger.
- 122. Hahn, Clarence W. Sex education for school children. School science and mathematics, 14: 64-63, January 1913.

Outlines a course for sex education.



#### PLAY AND PLAYGROUNDS.

123. Playground and recreation association of America. Year book. Playground, 7: 371-409, January 1914.

Gives statistics of the cities that "played" last year.

#### SOCIAL ASPECTS OF EDUCATION.

124. Elliott, Edward C. The schoolhouse as a crime contributor. Bulletin of the American academy of medicine, 14: 383-87, December 1913.

By "schoolhouse" the writer means "the entire complex of material surroundings and physical arrangements making up the immediate environment of the typical public school." Urges use of school buildings for civic and social purposes. Writer has reference to the increasing number of non-social offenses and not to criminal tendencies usually recognized as such by the law.

125. Macadam, Elizabeth. The universities and the training of the social worker. Hibbert journal, 12: 283-94, January 1914.

Describes conditions in England. Says that funds are needed for endowments to establish schools for social science on a sound basis.

126. New Year goals in social work . . . 1914. Survey, 31: 349-59, December 27,

Reviews the prospective programmes of social organizations for the year 1914. Discusses child labor, recreation, social settlements, vocational education, sex education, mental hygiene, etc.

127. Perry, Clarence Arthur. The social centers of 1912-13. New York, Department of recreation, Russell Sage foundation [1913]. 8 p. illus. 8°. (Publication no. Rec. 135)

Presents information regarding "practically all of the cities which had definite undertakings of a social center character" during the year.

128. Shields, Thomas Edward. An international movement for home education. Catholic educational review, 7: 48-56, January 1914.

The author speaks especially of the Fourth International congress for home education to be held in Philadelphia, September 1914.

#### CHILD WELFARE.

- 129. The uplift book of child culture; by Orison Swett Marden, Jenny B. Merrill, Ben B. Lindsey, Alice R. Northrop, Gustave A. Blumenthal, Eli W. Weaver. Philadelphia, Pa., Uplift publishing company [1913] xi, 425 p. illus. 8°. Covers a wide range of juvenile interests—intellectual, physical, moral, vocational, etc.
- 130. Waite, Edward F. The physical basis of crime: from the standpoint of the judge of a juvenile court. Bulletin of the American academy of medicine, 14: 388-95, December 1913.

Recommends medical inspection of schools, etc.

#### MORAL AND RELIGIOUS EDUCATION.

 Cope, Henry F. Co-operation on the campus. Religious education, 8: 441-46, December 1913.

Gives a possible ideal of co-ordination in religious work based on the four factors of the university, the local church, the church worker, and the Christian association.

 Elliott, Farrison S. A suggested curriculum for voluntary Christian education groups in colleges and universities. Religious education, 8: 463-69, December 1913.

"Tentative report of a Committee of the Cômeil of North American student movements, with the co-operation of various leaders nequalited with the student field."

133. Frayser, Namie L. Relating the child to the community through the school. Filgrim teacher, 30: 84-88, February 1914.

Sunday school work. Newer methods of instruction described.

134. Johnson, Franklin W. The problems of boyhood: a course of ethics for boys in the Sunday school. Biblical world, 43: 29-39, January 1914.



- 135. Kent, Charles Foster. The Bible and the college curriculum. Religious education, 8: 453-58, December 1913.

  Gives the proposed college curriculum courses.
- 136. [Symposium on the educational, religious, and social activities of the Young men's Christian association] Association men, 39: 169-210, January 1914.

#### MANUAL AND VOCATIONAL TRAINING.

- 137. Abercrombie, John W. Vocational education. Speech in the House of representatives, October 2, 1913. Washington, Government printing office, 1913. 16 p. 8°.
  - With reference to the proposed joint resolution providing for the appointment of a commission to consider the need and report a plan for national aid for vocational education.
- Adkins, Frank J. A counterblast against vocationism. School world, 16: 9-12, January 1914.
- 139. Black, Byland M. The cultural element in vocational training. American schoolmaster, 6: 449-56, December 1913.
  Address before a recent meeting of the North Dakota teachers' association.
- 140. Fuller, Robert J. Cooperation between the National education association and the National society for the promotion of industrial education. School review, 22: 12-19, January 1914.
- 141. Henderson, Wilson E. A program for vocational education. Industrial-arts magazine, 1: 6-8, January 1914.

  Claims that in the program for vocational education, there is no one unit, scheme or course

Claims that in the program for vogational clinication, there is no one unit, scheme or course which will, by itself, solve the problem. The vocational school, continuation school, and co-operative school and shop course each has its place, and it has been the purpose of this article to show their relative values as agents in the solution of the problem.

- 142. Matterson, Emma B. Shall we teach household arts in our schools? Education, 34: 312-15, January 1914.
- 143. Offenhauer, R. E. Vacation earnings of high school boys. Ohio educational monthly, 62: 625-26, December 1913.
  - Gives statistics showing the labor and earnings of the high school boys of Sandusky, Ohio, for the vacation period of 1913.
- 144. Bichards, Charles R. How shall we study the industries for the purposes of vocational education, 3: 159-68, January 1914.

A valuable study in which the author "points out the ends to be sought in making a survey of the industries of a community and gives a form of classification for securing the desired result."

145. Boberts, William M. The development of part-time education for apprentices in Chicago. Vocational education, 3: 197-207, January 1914.

A paper read at the seventh annual convention of the National society for the promotion of industrial education, Grand Rapids, Michigan, October 1913.

The Chicago experiments would seem to be especially suggestive to other cities, owing to the working agreements, which have been brought about between the labor unions and employers in the effort to solve the problem of apprentice training.

- 146. Short, R. L. The West technical high school of Cleveland, Ohio. School journal, 81: 42-43, December 1913.
- 147. Wight, John G. Vocational training in village schools. School journal, 81: 47-49, December 1913.

"Vocational training in city and rural schools has been duly considered. But there are considerable village populations that are neither urban nor rural. Some of the peculiar problems of vocational training in such communities are here discussed by the late Doctor Wight."—Editors.

#### PROFESSIONAL EDUCATION.

148. Balcock, Kendric Charles. Preliminary training for entrance into medical schools. Quarterly of the Federation of state medical boards of the United States, 1: 130-34, January 1914.



- 149. McLeod, J. J. B. The teaching of physiology to medical students. Science, n. s. 39: 51-59, January 9, 1914.
  - Employs the term "physiology" in the broad sense—to include the physical, the purely biological and the chemical phenomena of life.
- 150. Moore, Veranus A. The New York state veterinary college at Cornell university. Science, n. s. 39: 14-17, January 2, 1914.
- 151. Osler, William. Examinations, examiners, and examinees. Quarterly of the Federation of state medical boards of the United States, 1: 101-14, January 1914.
  - An address delivered at the opening of the winter session of St. George's Hospital Medical School on October 1, 1913.
- 152. Register, Layton B. A Paris law school examination. University of Pennsylvania law review, 62: 187-90, January 1914.
  - Methods of examination at the law school of the University of Paris for degree of licence en droit—bachelor of laws.

#### EDUCATION OF WOMEN.

- 153. Beyer, Thomas P. Creative evolution and the woman question. Educational review, 47: 22-27, January 1914.
  Writer contends that "feminism and its entering-wedge, woman suffrage, do not promise heaven, but mutilation for the race."
- 154. Courtney, Janet E. Women as brain-workers. Nineteenth century, 74: 1284-03, December 1913.
  Discusses the education of women and their work in the world.
- 155. Grant, Cecil and Hodgson, Norman. The case for co-education. London, Grant Richards ltd., 1913. 325 p. 12°.

The favorable conclusions of the authors are based upon the results of the English experiment in cooducation at Keswick, and subsequently at St. George's, Harpenden, extending over 15 years. Two clupters on the Experience of America, p. 159-200, are included.

- 156. Hollingworth, Leta Stetter. Variability as related to sex differences in achievement; a critique. American journal of sociology, 19: 510-30, January 1914.
- 157. Hylla, E. Der unterschied der geschlechter und seine bedeutung für die jugenderziehung. Deutsche schule, 17: 782-90, December 1913.
  A summary of the discussions on coeducation at the 1913 meeting of the League for school
- 158. Misme, Jane. L'éducation physique des femmes en France. Revue, 24: 501-7, December 1913.
- 159. Munford, Mary C. B. The co-ordinate college. The state's need of it. Its relation to the university and our system of public education. Virginia journal of education, 7: 152-53, January 1914.

Tells of the demand in Virginia for a co-ordinate college for women affiliated with the State university at Charlottesville.

160. Thwing, Charles Franklin. Notes on the history of the College for women of Western reserve university for its first twenty-five years, 1888-1913. Cleveland, O., The Western reserve university press, 1913. 60 p. incl. front. 2 pl. 8°.

Cover-title: The co-ordinate system in the higher education.

#### EXCEPTIONAL CHILDREN.

- 161. Barnett, Mary G. Young delinquents: a study of reformatory and industrial schools; with an introduction by Sir John Gorst. London, Methuen & co. ltd. [1913] xiv; 222 p. 12°.
  - The result of frequent attendances at children's courts, and of visits to some 20 or 30 solution in England. Contains a risumd of the report of the Departmental committee of 1911, p. 179-301.



162. Hartwell, E. C. A small city's experiment with unusual children. American school board journal, 48: 15, January 1914.

Describes an experiment made during the past three years in the schools of Petoskey, Michigan,

- 163. McMurtrie, Douglas C. Bibliography of the education and care of crippled children. A manual and guide to the literature relating to cripples, together with an analytical index. 1st ed. New York, D. C. McMurtrie, 1913. xii, 99 p. 8°.
- 164. Rogers, A. C. The desirability of early diagnosis of mental defect in children, and mental tests as an aid. Journal of the American medical association, 61: 2294-97. December 27, 1913.

Gives tests for defective children; the Binet-Simon method. Distinguishes mental deficiency in children, and like curable conditions, from insunity. Classification of defectives.

#### LIBRARIES AND READING.

- 165. Bostwick, Arthur E. The making of an American's library. IV. The boy and the book. Bookman, 38: 531-37, January 1914.
- 166. Hassler, Harriot E. School reading lists, correlated with the course of study in the public schools of the city of New York. Grades 3-8. Queens borough public library bulletin, 2: 4-16, November 1913.
- 167. Johnston, William Dawson. The library as a university factor. Library journal, 39: 10-15, January 1914.

  Address delivered November 7, 1913, at the meeting of the Association of American universities, held at the University of Illinois, Urbana, Ill.
- 168. National council of teachers of English. Report of the Committee upon home reading. November, 1913. Chicago, III., National council of teachers of English, 1913. 16 p. 8°.
  Contains a classified list of books for home reading of high-school pupils.

#### BUREAU OF EDUCATION: RECENT PUBLICATIONS.

- 169. Consular reports on industrial education in Germany. Washington, 1913. 75 p. (Bulletin, 1913, no. 54)

  CONTENTS.—I. The system of industrial schooling.—II. Schools for builders.—III. Preparatory courses for master craftsmen.—IV. "Meisterkurse" at Frankfort on the Main.—V. The Trade institute at Cologne.—VI. Schools for fruit-growing.
- Education of the immigrant. Abstracts of papers read at a public conference under the auspices of the New York-New Jersey committee of the North American civic league for immigrants, held at New York city, May 16 and 17, 1913. Washington, 1913. 52 p. (Bulletin, 1913, no. 51)
- 171. The Farragut school, a Tennessee country-life high school; by A. C. Monahan and Adams Phillips. Washington, 1913. 23 p. plates. (Bulletin, 1913, no. 49)
- 172. The Fitchburg plan of cooperative industrial education, by Matthew R. McCann. Washington, 1913. 28 p. plates. (Bulletin, 1913, no. 50)
- 173. Sanitary schoolhouses. Legal requirements in Indiana and Ohio. Washington, 1913. 40 p. (Bulletin, 1913, no. 52)

#### NEW PERIODICALS.

- Arkansas teacher. Vol. 1, no. 1, January 1913. 10 numbers a year. Conway, Ark.
- Hawaii educational review. Vol. 1, no. 1, January 1913. 10 numbers a year.

  Honolulu, Hawaii 9.
- Eigh school quarterly. Vol. 1, no. 1, October 1912. Published quarterly. University of Georgia, Atliene, Ga.

Illinois teacher. Vol. 1, no. 1, April 1913. Published monthly. Illinois state teachers' association, Woodstock, Ill.

Industrial-arts magazine. Vol. 1, no. 1, January 1914. Published monthly. Bruce publishing company, Milwaukee, Wis.

Louisiana school work. Vol. 1, no. 1, April 1913. Published monthly, except.

July and August. Baton Rouge, La.

Mid-west quarterly. Vol. 1, no. 1, October 1913. Published quarterly. University of Nebraska, Lincoln, Nebr.

Rural educator. Vol. 1, no. 1, January 1913. Published monthly. Ohio state university, Columbus, Ohio.

Storytellers' magazine. Vol. 1, no. 1, June 1913. Published monthly. New York, N. Y.

Vocationist. Vol. 1 no. 1, October 1912. Published quarterly. Oswego, N. Y.

## PERIODICALS INDEXED IN THIS NUMBER.

Akademische rundschau, Leipzig, Germany. American education, 50 State street, Albany, N. Y. American journal of sociology, University of Chicago press, Chicago, Ill. American journal of public health, 289 Fourth avenue, New York, N. Y. American review of reviews, 30 Irving place, New York, N. Y. American school board journal, 129 Michigan street, Milwaukee, Wis. American schoolmaster, State normal school, Ypsilanti, Mich. Archiv für pädagogik, Leipzig, Germany. Arkansas teacher, Conway, Ark. Association men, 124 East Twenty-eighth street, New York, N. Y. Atlantic monthly, 4 Park street, Boston, Mass. Biblical world, University of Chicago press, Chicago, Iii. Bookman, Fourth avenue and Thirtieth street, New York, N. Y. Bulletin of the American academy of medicine, Easton, Pa. Bulletin of the Society for the promotion of engineering education, Lancaster, Pa. Catholic educational review, Washington, D. C. Catholic school jourdal, Milwaukee, Wis. Child-welfare magazine, 227 South Sixth street, Philadelphia, Pa. Columbia university quarterly, Columbia university press, New York, N. Y Delineator, Butterick publishing company, New York, N. Y. Deutsche schule, Leipzig, Germany. Education, 120 Boylston street, Boston, Mass. Educational bi-monthly, Board of education, Chicago, Ill. Educational review, Columbia university, New York, N. Y. Elementary school teacher, University of Chicago press, Chicago, Ill. English journal, University of Chicago press, Chicago, Ill. Forum, 2 East Twenty-ninth street, New York, N. Y. Good housekeeping magazine, 381 Fourth avenue, New York, N. Y. Hibbert journal, London, England, and 6 Beacon street, Boston, Mass. High school quarterly, University of Georgia, Athens, Ga. History teacher's magazine, McKinley publishing company, Philadelphia, Pa. Hochschul-nachrichten, Munich, Germany. Industrial-arts magazine, Bruce publishing company, Milwaukee, Wis. Journal of education, 6 Beacon street, Boston, Mass.

Journal of educational psychology, Warwick & York, inc., Baltimore, Md.



Journal of geography, Madison, Wis.

Journal of the American medical association, 535 Dearborn street, Chicago, Ill.

Kindergarten review, Springfield. Mass.

Lehrerin, Leipzig, Germany.

Library journal, 141 East Twenty-fifth street, New York, N. Y.

Methodist review, Smith & Lamar, Nashville, Tenn.

Mid-west quarterly, University of Nebraska, Lincoln, Nebr.

Mind and body, Herold building, Milwaukee, Wis.

National municipal review, North American building, Philadelphia, Pa,

New England magazine, 221 Columbus averue, Boston, Mass.

Nineteenth century, London, England.

Normal instructor, Dansville, N. Y.

Ohio educational monthly, Columbus, Ohio.

Ohio teacher, Box 326, Athens, Ohio.

Oklahoma school herald. Oklahoma City, Okla.

Outlook, 287 Fourth avenue, New York, N. Y.

Pädagogische warte, Leipzig, Germany.

Pädagogische zeitung. Berlin, Germany.

Parents' review, London, England.

Pedagogical seminary, Worcester, Mass.

Pennsylvania school journal, Lancaster, Pa.

Pilgrim teacher, 14 Beacon street, Boston, Mass.

Playground, I Madison avenue, New York, N. Y.

Popular educator, 50 Bromfield street, Boston, Mass.

Popular science monthly, Substation 84, New York, N. Y.

Primary education, 50 Bromfield street, Boston, Mass.

Quarterly journal of the University of North Dakota, University, N. Dak.

Quarterly of the Federation of state medical boards of the United States. Easton, Pa.

Queens borough public library bulletin, Jamaica, N. Y.

Religious education, 332 South Michigan avenue, Chicago, Ill.

Rovue, Paris, France.

Revue internationale de l'enseignement, Paris, France.

Revue pédagogique, Paris. France.

Rivista d'Italia, Rome, Italy.

School, Bloor and Spadina, Toronto, Canada.

School and home education, Bloomington, Ill

School-arts magazine, 120 Boylston street. Boston, Mass.

School bulletin, Syracuse, N. Y.

School century, Oak Park, Ill.

School journal, 31-33 East Twenty-seventh street, New York, N. Y.

School news and practical educator, Taylorville and Chicago. Ill.

School review, University of Chicago press, Chicago, Ill.

School science and mathematics, Mount Morris, Ill.

School world, London, England.

Science, Substation 84, New York, N. Y.

South Dakota educator, Mitchell, S. Dak.

Survey, 105 East Twenty-second street, New York, N. Y.

Texas school magazine, 1304 Commerce street. Dallas, Tex.

Training school bulletin, Vineland, N. J.

University of Pennsylvania law review, Philadelphia, Pa.

Virginia journal of education, Richmond, Va.

Vocational education, Manual arts press, Peoria, Ill.



#### BULLETIN OF THE BUREAU OF EDUCATION.

[Note, - With the exceptions indicated, the documents named below will be sent free of charge upon application to the Commissioner of Education, Washington, D. C. Those marked with an asterisk (\*) are no longer available for free distribution, but may be had of the Superintendent of Documents, Government Printing Office, Washington, D. C., upon payment of the price stated. Remittances should be made in coin, currency, or money order. Stamps are not accepted. Documents marked with a dagger (†) are out of print.]

#### 1906.

- (No. 1. Education bill of 1906 for England and Wales as it passed the Rouse of Commons. Anna T. Smith.
- No. 2. German views of American education, with particular reference to industrial development. William N. Hailmanu, 10 cts.
- No. 3. State school systems: Legislation and judicial decisions relating to public education, Oct. 1, 1904. to Oct. 1, 1906. Edward C. Elliott. 15 ets.

- tNo. 1. The continuation school in the United States. Arthur J. Jones.
- \*No. 2. Agricultural education, including nature study and school gardens. James R. Jewell. 15 cts.
- tNo. 3. The auxiliary schools of Germany. Six lectures by B. Macanel.
- tNo. 4. The elimination of pupils from school. Edward L. Thorndike.

- †No. 1. On the training of persons to teach agriculture in the public schools. Liberty H. Bailey.
- No. 2. List of publications of the United States Bureau of Education, 1867-1907. 10 cts.
- No. 3. Bibliography of education for 1907. James Ingersoll Wyer, jr., and Martha L. Phelps. 10 cts.
- †No. 4. Music education in the United States schools and departments of music. Arthur L. Manchester.
- No 5. Education in Formosa. Julean II. Arnold. 10 ets.
   No 6. The apprenticeship system in its relation to industrial education. Curroll D. Wright. 15 ets.
- No. 7. State school systems: II. Legislation and judicial decisions relating to public education, Oct. 1, 1906, to Oct. 1, 1908. Edward C. Elliott. 30 cts.
- No. 8. Statistics of State universities and other institutions of higher education partially supported by the State. 1907-8.

#### 1909.

- No. 1. Facilities for study and research in the offices of the United States Government in Washington. Arthur T. Hadley, '
- No. 2. Admission of Chinese students to American colleges. John Fryer.
- No. 3. Daily meals of school children. Caroline L. Hunt. 10 cts.

  No. 4. The teaching staff of secondary schools in the United States; amount of education, length of experience, salaries. Edward L. Thorndike.
- No. 5. Statistics of public, society, and school libraries in 1908.
- \*No. 6. Instruction in the fine and manual arts in the United States. A statistical monograph. Henry T. Bailey. 15 cts. No. 7. Index to the Reports of the Commissioner of Education, 1867-1907.
- \*No. 8. A teacher's professional library. Classified list of 100 titles. 5 cts.
- No. 9. Bibliography of education for 1908-9.
- No. 10. Education for efficiency in railroad service. J. Shirley Eston.
- No. 11. Statistics of State universities and other institutions of higher education partially supported by the State. 1908-9. 5 cts.

#### 1910.

- No. 1. The movement for reform in the teaching of religion in the public schools of Saxony. Arley B. Show.
- No. 2. State school systems: III. Legislation and judicial decisions relating to public education, Oct. 1, - 1908, to Oct. 1, 1909. Edward C. Elliott.
- tNo. 3. List of publications of the United States Bureau of Education, 1867-1910. No. 4. The biological stations of Europe. Charles All Tofold.
- No. 5. American Schoolhouses. Fletcher B. Dresslar.
- tho. 6. Statistics of State universities and other institutions of higher education partially supported by the State, 1909-10.



#### BULLETIN OF THE BURBAU OF EDUCATION. 11 1911. •No. 1. Bibliography of science teaching. 5 cts. No. 2. Opportunities for graduate study in agriculture in the United States. A. C. Monahan. No. 3. Agencies for the improvement of teachers in service. William C. Ruediger. 15 cts. No. 4. Report of the commission appointed to study the system of education in the public schools of Baltimore, 10 cts. No. 5. Age and grade census of schools and colleges. .George D. Strayer. 10 cts. No. 6. Graduate work in mathematics in universities and in other institutions of like grade in the United States. •No. 7. Undergraduate work in mathematics in colleges and universities. b cts. \*No. 8. Examinations in mathematics, other than those set by the teacher for his own classes. 5 cts. No. 9. Mathematics in the technological schools of collegiate grade in the United States. tNo. 10. Bibliography of education for 1909-10. tNo. 11. Bibliography of child study for the years 1908-9. No. 12. Training of teachers of elementary and secondary mathematics. 5 cts. No. 13. Mathematics in the elementary schools of the United States. 16 cts. No. 14. Provision for exceptional children in the public schools. J. H. Van Sickle, Lightner Witmer, and Leonard P. Ayres. 10 cts. No. 15. Educational system of China as recently reconstructed. Harry E. King. 15 cts. No. 16. Mathematics in the public and private secondary schools of the United States. tNo. 17. List of publications of the United States Bureau of Education, October, 1911. No. 18. Teachers' certificates issued under general State laws and regulations. Harlan P pdegraff. 20 cts. No. 19. Statistics of State universities and other institutions of higher education partially supported by the State, 1910-11. 1912. No. 1. A course of study for the proparation of rural-school teachers. Fred Mutchler and W. J. Craig. 5cts. No. 2. Mathematics at West Point and Annapolis. .5 cts. No. 3. Report of committee on uniform cords and reports. No. 4. Mathematics in technical secondary schools in the United States. \*No. 5. A study of expenses of city school systems. Harian Updegraff. 10 ots. •No. 6. Agricultural education in secondary schools. 10 cts. No. 7. Educational status of nursing. M. Adelaide Nutting. tNo. 8. Peace day. Fannie Fern Andrews. [Later publication, 1913, No. 12.] No. 9. Country schools for city boys. William S. Myers. No. 10. Bibliography of education in agriculture and home economics. 10 cts. tNo. 11. Current educational topics, No. I. tNo. 12. Dutch schools of New Netherland and colonial New York. William H. Kilpatrick. No. 13. Influences tending to improve the work of the teacher of mathematics. 5 cts. No. 14. Report of the American commissioners of the international commission on the teaching of mathematics, 10 cts. tNo. 15. Current educational topics, No. II. No. 16. The reorganized school playground. Henry S. Curtis. 5 ets. No. 17. The Montessori system of education. Anna T. Smith. 5 cts. aNo. 18. Teaching language through agriculture and domestic science. M. A. Leiper. 5 cts. No. 19. Professional distribution of college and university graduates. Bailey B. Burritt. 10 cts. No. 20. Readjustment of a rural high school to the needs of the community. H. A. Brown. 10 cts No. 21. Urban and rural common-school astistics. Harlan Updegraff and William R. Dood. 5 cts. No. 22. Public and private high schools. No. 23. Special collections in libraries in the United States. W. Dawson Johnston and Isadore G. Mudge. No. 24. Current educational topics, No. III. tNo. 25. List of publications of the United States Bureau of Education, 1912. tNo. 26. Bibliography of child study for the years 1910-11. No. 27. History of public-school education in Arkansas. Stephen B. Weeks.

No. 31. Educational directory, 1912. No. 32. Ribliography of exceptional children and their education. Arthur MacDonald.

Goldziher. 10 cts.

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No. 30. Latin-American universities and special schools. Edgar E. Brandon.

tNo. 33. Statistics of State universities and other institutions of higher education partially supported by the State. 1912.

\*No. 29. Bibliography of the teaching of mathematics, 1900-1912. David Eugene Smith and Charles

No. 1. Monthly record of current educational publications, January, 1913. No. 2. Training courses for rural teachers. A. C. Monahan and R. H. Wright. 5 ets.

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