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PUBLICATIONS

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MONTHLY RECORD OF CURRENT EDUCATIONAL PUBLICATIONS.

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CONTENTS.—Educational history and biography—Current educational conditions—Educational theory and practice—Child study—Educational tests and measurements—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 education—Physical training—Social aspects of education—Child welfare—Religious education—Manual and vocational training—Vocational guidance—Home economics—Commercial education—Professional education—Civic education—Education of women—Education of deaf—Exceptional children—Education extension—Libraries and reading—Bureau of Education: Recent publications—Periodicals represented in this record—Bulletin of the Bureau of Education.

NOTE.

This office can not supply the publications listed in this bulletin, other than those expressly designated as publications of the Bureau of Education. Books, pamphlets, and periodicals here mentioned 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. Many of them are available for consultation in various public and institutional libraries.

Publications intended for inclusion in this record should be sent to the library of the Bureau of Education, Washington, D. C.

EDUCATIONAL HISTORY AND BIOGRAPHY.

- 1638. Law, Narendra Nath. Promotion of learning in India during Muhammadan rule (by Muhammadans). London, New York [etc.] Longmans, Green and co., 1916. 260 p. front., plates. 4°.
- 1639. Manly, John M. Educational ideals of 1850. School review, 24:746-51, December 1916.

CURRENT EDUCATIONAL CONDITIONS.

- 1640. Alexander, Carter. Public opinion and the schools. School and society, 4:913-18, December 16, 1916.
An address delivered before the Missouri state teachers' association, St. Louis, November 17, 1916.
The great force of public opinion in educational matters and how it can be utilized.
- 1641. Baudrillard, J. Conférence d'entente éducative des 20 et 21 mai 1916. Revue pédagogique, 68:266-75, September 1916.
Report of a conference held by the Ligue française de l'enseignement to discuss educational activities connected with the war and its after effects.



1642. **Diggie, J. W.** The new education. *Nineteenth century*, 80:989-99, November 1916.

The writer, who is Bishop of Carlisle, says that the mechanical education of the present régime in England is devitalizing the schools and killing the children's delight in knowledge. Criticizes conditions in England. Urges that moral valuations of manhood be substituted for materialistic values.

1643. **Graves, Frank P.** Present tendencies in education. *School and society*, 4:837-45, December 2, 1916.

Substance of an address delivered before the Iowa state teachers' association at Des Moines, November 2, 1916.

Mentions the chief tendencies and advances that are occurring to-day in the educational circles about us.

1644. **Hoekje, Willis G.** The Japanese system of education. *American schoolmaster*, 9:397-407, November 1916.

1645. **Lull, Herbert G.** Redirection of education in small cities and towns of Washington. Vocational instruction the entering wedge of redirection. *American journal of sociology*, 22:352-68, November 1916.

Gives examples of high schools in the process of redirection; discusses four-year high school courses; the influence of vocational upon academic instruction.

1646. **Missouri. State superintendent of public schools.** Sixty-sixth report of the public schools of the state of Missouri, school year ending June 30, 1915. [Jefferson City, The Hugh Stephens co., printers, 1916] 431 p. plates. 8°.

Some noteworthy sections in this report deal with the following topics: Reorganization of secondary education (junior high school), High-school records, Teachers' marks and grading, Supervised study, General science, Teacher-training, School costs and school accounting.

1647. **New York (State) Education department.** Eleventh annual report, for the school year ending July 31, 1914. Albany, University of the state of New York, 1916. 1163 p. 8°.

Contains sections on Organization and institutions; Elementary education; Secondary education; Higher education; The State library, library extension and instruction; Educational legislation, etc.

1648. **Sargent, Ide G.** Is the Gary system the panacea for our educational ills? *Journal of education*, 84:565-67, December 7, 1916.

What the Gary system is and what it will do for other cities.

1649. **Stearnes, R. C.** The urban school. *Journal of education*, 84:591-93, December 14, 1916.

Address by the state superintendent of public instruction before the League of Virginia municipalities.

1650. **Taylor, Joseph Schimmel.** Duplicate schools in the Bronx. New York, The Board of education, 1916. 63 p. 8°.

"The information contained in the report was contributed . . . by principals and teachers employed in the schools considered."—p. 5.

1651. **Tildsley, John L.** To improve teaching. *School*, 28:133-35, December 7, 1916.

In this article Dr. Tildsley "frankly declares that in his opinion there is poor teaching in the public schools of this city [New York] and that the business men who are complaining of the work of school graduates are justified."

1652. **Victor, E.** La guerre mondiale et l'enseignement. *Revue pédagogique*, 68:323-59, October 1916.

A review of a German publication made up of articles by well-known professors on the teaching of subjects related to the great war, as history, geography, etc.

1653. **The Washington state educational survey.** *Educational review*, 52:433-37, December 1916.

EDUCATIONAL THEORY AND PRACTICE.

1654. **Campagnac, Ernest Trafford.** *Converging paths.* (Cambridge, The University press, 1916. 113 p. 12°.
 CONTENTS.—I. Religious instruction.—II. Commercial education.—III. Standards in taste and morals.—IV. Notes on the significance of rhythm in Plato's scheme of education.—V. Oratory and virtue.
1655. **A double entry education.** *Unpopular review*, 7:151-63, January-March 1917.
 "Double entry education" rests upon the exploitation both of ideas and of sense observation. Our business in the public schools is to see that each pupil is awakened, disciplined, and carefully trained in perception and in thought, by at least one procedure, and by acquaintance with at least one kind of material.
1656. **Jewell, J. R.** *Economy in learning.* *Arkansas teacher*, 4:3-5, December 1916.
 Discusses the two problems in the economy of learning: (1) Certain mechanical incidents or accompaniments, and (2) Psychology of learning.
1657. **McCrea, Nelson Glenn.** *Literature and liberalism.* *Columbia university quarterly*, 19:15-29, December 1916.
 Amplified from a paper read at the tenth annual meeting of the Classical association of the Atlantic states at Philadelphia, April 14, 1916.
1658. **Modest modernist papers. I. The arts and education.** *Unpopular review*, 7:164-78, January-March 1917.
 The "modest modernist" will not have children taught "useless historic facts" or "obsolete and uncongenial classics." He will produce the educated man who will be "trained to know, to care about and to understand the world he lives in, both the physical world and the social world."
1659. **O'Shea, M. V.** *Training children by intelligent suggestion.* *Mother's magazine*, 11:27-28, December 1916.
 The control of the young by positive and constructive methods rather than by mere negation and substitution.
1660. **Sheldon, Winthrop D.** *Specialization in elementary teaching.* *Educational review*, 52:444-55, December 1916.
 Says that the present "wholesale method" followed in the grades is psychologically indefensible, and leads to superficial and perfunctory teaching. Lack of thoroughness is largely due to the number of studies the instructor is required to teach.
1661. **Suran, T.** *Corrélation entre les enseignements primaire et secondaire.* *Revue universitaire*, 25:164-90, October 1916.
 After considering the relations from several points of view, the author in concluding gives a warning against too early and over specialization.

CHILD STUDY.

1662. **Beyer, Thomas P.** *The vocabulary of three years.* *Educational review*, 52:478-89, December 1916.
 Gives a list of 1,156 common words gained in the third year.

EDUCATIONAL TESTS AND MEASUREMENTS.

1663. **Boston. Department of educational investigation and measurement.** *English; determining a standard in accurate copying.* Boston, Printing department, 1916. 25 p. 8°. ([Boston. School committee] School document no. 2—1916)
 Bulletin no. VI of the Department of educational investigation and measurement.
1664. **Gray, William S.** *A cooperative study of reading in eleven cities of northern Illinois.* *Elementary school journal*, 17:250-65, December 1916.
 The materials used in this study of reading were the standardized oral-reading paragraphs and the silent-reading tests which have been used in connection with the surveys in Cleveland, Grand Rapids, and St. Louis. Says that emphasis should be laid on silent reading.

1665. **Haggerty, M. E.** Some uses of educational measurements. *School and society*, 4:761-71, November 18, 1916.

An address delivered at the Kansas state normal school, Emporia, Kans., on the occasion of the annual conference of school superintendents, October 19, 1916, and at the Wisconsin state conference of school superintendents, Madison, Wis., October 7, 1916.

The writer says that the educational problems which measurement must help to solve are the definition of aims, the classification of pupils, the apportionment of time, the evaluation of method, the rating of teachers, and the manifold tasks of supervision. To meet these problems with accurate knowledge we must have a body of measured facts, we must have a science as well as a practice of education.

1666. **Harlan, Charles L.** A comparison of the writing, spelling, and arithmetic abilities of country and city children. *Educational administration and supervision*, 2:560-72, November 1916.

References: p. 572.

1667. **Hudelson, Earl.** Some achievements in the establishment of a standard for the measurement of English composition in the Bloomington, Indiana, schools. *English journal*, 5:590-97, November 1916.

1668. **Johnson, Joseph Henry.** A comparison of the Ayres and Thorndike handwriting scales. (Containing a table of equivalent values in the two scales) *North Carolina high school bulletin*, 7:170-73, October 1916.

"The tentative conclusion which the writer feels justified in drawing from this study is that of the two scales investigated, the Thorndike scale is the better for use up to, and possibly including, the fourth grade; while the Ayres scale is the more reliable for use in the grades above the fourth."

1669. **Littwin, Maxwell F.** Literature memorization in the light of experimental pedagogy. *Pedagogical seminary*, 23:502-27, December 1916.

Bibliography: p. 527.

The writer aims in this article: "(1) to present a brief and critical-pedagogical account of the investigation of literature memorization in the elementary schools. (2) to indicate the main conclusions which have been established by previous experimentation in this field; and (3) to raise the questions which ought to be considered in the further experimental-didactical study of this subject."

1670. **Manahan, J. L., comp.** A bibliography of educational surveys and tests. Charlottesville, Va., Pub. by The University, 1916. 49-92 p. 8°. (University of Virginia record. Extension series, vol. 2, no. 3, November 1916)

Contents: Introductory statement. I. Educational tests and measurements. II. School surveys. III. Standard tests in school subjects. IV. Studies in the application of standard tests. V. Tests of mental intelligence. Appendix A. Magazines quoted in this issue.

1671. **Mead, Cyrus D.** The relations of general intelligence to certain mental and physical traits. New York city, Teachers college, Columbia university, 1916. 117 p. diags. 8°. (Teachers college, Columbia university, Contributions to education, no. 76)

1672. **Otis, Arthur S.** Considerations concerning the making of a scale for the measurement of reading ability. *Pedagogical seminary*, 23:528-49, December 1916.

Bibliography: p. 549.

Considers some of the present reading scales in order to show the diversity of conceptions regarding "reading ability," formulates a definition of "reading ability" assumed to be the most proper, and then presents an outline of a scale which is believed to test abilities closely approximating those defined as constituting the essence of reading ability.

1673. **Bossy, O. S. and Sawyer, M. H.** Comparison of mental gradings by the Yerkes-Bridges point scale and the Binet-Simon scale. *Pedagogical seminary*, 23:452-67, December 1916.

1674. **Thorndike, Edward L.** Tests of esthetic appreciation. *Journal of educational psychology*, 7:509-22, November 1916.

1675. **Uhl, W. L.** The use of the results of reading tests as bases for planning remedial work. *Elementary school journal*, 17:286-75, December 1916.

Work done in Oshkosh schools. Results of the Kelly tests both before and after the drill lessons. Says that as a means of diagnosis the Kelly test supplemented by the Gary tests should prove very valuable to any superintendent.

1676. **Weidensall, Jean.** The mentality of the criminal woman; a comparative study of the criminal woman, the working girl, and the efficient working woman in a series of mental and physical tests. Baltimore, Warwick & York, inc., 1916. 332 p. dingra. 8°. (Educational psychology monographs, ed. by G. M. Whipple. no. 14)

1677. **Woody, Clifford.** Tests and measures in the schoolroom and their value to the teachers. *Northwest journal of education*, 28:154-58, December 1916.

Gives a few illustrations showing how schoolroom methods and procedure and administration have been changed because of measurements by means of these scales and tests.

1678. **Young, Herman H.** Physical and mental factors involved in the formboard test. *Psychological clinic*, 10:149-67, November 15, 1916.

Bibliography: p. 167.

SPECIAL METHODS OF INSTRUCTION.

1679. **Burk, Frederic.** Individual instruction versus the lockstep system. *Normal instructor and primary plans*, 26:18, 69, January 1917.

The first of four articles.

SPECIAL SUBJECTS OF CURRICULUM.

1680. **Barber, Fred D.** Fundamental considerations in the reorganization of high-school science. *School review*, 24:724-34, December 1916.

Writer gives a schematic or graphic illustration of the organization of science courses. Says that "the natural interest of the student just beginning the study of science lies in the applied phases of science as it affects his own personal welfare and the welfare of the community in which he lives."

1681. **Bolenius, Emma M.** The *Ph* group of words: how to enliven your work in language. *Elementary school journal*, 17:281-85, December 1916.

1682. **Brown, Robert M.** Problem study procedure in geography: Africa. *Elementary school journal*, 17:276-80, December 1916.

1683. **Cady, Calvin B.** Music education of the little child. *Kindergarten and first grade*, 1:430-33, December 1916.

1684. **Carter, R. Brudenell.** Science and education. *Fortnightly review*, n. s. 109: 852-62, November 1916.

Advocates courses of experimentally illustrated lectures adapted to the intelligence of the classes, senior or junior, for whose benefit they were delivered, to awaken the minds of boys to the nature and realities of science.

1685. **Guenot, Mlle. H.** "Humanités" françaises. *Revue universitaire*, 25:191-202, October 1916.

The author pleads for a more intensive study of the French language in the girls' schools.

1686. **Harvey, Bessie E.** Motivating English composition. *School review*, 24: 759-63, December 1916.

Speaks of the school journal as "a socializing force." But its particular importance consists in stimulating and improving the work of English composition classes.

1687. **Hook, Flora E.** General science in East side high school, Newark. School science and mathematics, 16:796-804, December 1916.

Paper read before the New Jersey science teachers association at Trenton, March 18, 1916.

Gives the course of study followed in the East side high school. The aim of the course is to familiarize the pupil with his environment, and with the laws which govern the world; to teach him life principles by a study of natural forms, that he may be master not only of himself, but of the resources supplied him.

1688. **Houghton, Herbert Pierrepont.** Saving Greek in the college. Classical weekly, 10:65-67, December 11, 1916.

1689. **Johnson, Burgess.** Grammar, the bane of boyhood. Harper's magazine, 134:123-27, December 1916.

Discusses better methods of teaching grammar and composition.

1690. **Kinkedley, Otto.** Music education and public libraries. School music, 17:13-17, November-December 1916.

Read before the Department of music education, National education association, 1916.

1691. **Knight, George W.** How to study history. Ohio educational monthly, 65:587-90, December 1916.

An address before the Central Ohio teachers' association, November 10, 1916.

Tells what a high-school pupil has a right to expect from his teacher, and what the teacher should do for and with the pupil in showing him how to study history.

1692. **Koos, Leonard V.** History in North Central high schools. History teacher's magazine, 7:347-51, December 1916.

Gives the results of an investigation by questionnaire of history teaching in the high schools of the North Central states. The material is divided into four sections: I. The offering in history.—II. Organization of the course in American history.—III. Methods.—IV. Aims.

1693. **Leonard, Sterling Andrus.** The correction and criticism of elementary composition. English journal, 5:598-604, November 1916.

Suggestions toward a method of criticizing children's oral and written compositions where such compositions are the presentation of their real ideas to interest their classmates or another audience.

1694. **Lewis, Leo Rich.** Mechanical inventions as an aid to the teaching of music. School music, 17:24-26, 28, 30, 32, November-December 1916.

Read at the meeting of the Department of music education of the National education association, 1916.

The possibilities of the player-piano as an aid to the teaching of music.

1695. **Luke, Ethel Jean.** The Springfield laboratory-recitation method of teaching Latin. School and home education, 36:95-97, December 1916.

Read at the High school conference, University of Illinois, November 24, 1916.

Gives in detail the mechanics of the plan, the defects of the old system, the advantages and disadvantages of the new laboratory-recitation method.

1696. **Morehouse, Frances M.** Forms of the history recitation. History teacher's magazine, 7:332-37, December 1916.

Detailed discussion of fourteen distinct types of the history recitation.

1697. **Noyer, Ralph.** What the public school teacher can do to give school children good speaking voices. Nebraska teacher, 19:172, 174, 176, 178, December 1916.

1698. **Peters, Charles C.** A course in "dynamic psychology" for secondary schools. School and society, 4:805-10, November 25, 1916.

Tells of the course given to the seniors in the high school at Royersford, Pa. Gives a list of the chapter headings from the mimeographed manuscript upon which the course was based.

1699. **Pierce, Harriet B.** The value of mathematics as a secondary school subject. School science and mathematics, 16:780-88, December 1916.

Read before the spring meeting of the New England association of mathematics teachers.

1700. **Polak, S. and Quilter, Harry Charles.** The teaching of drawing; its aims and methods. Philadelphia, J. B. Lippincott company; [etc., etc.] 1916. 168 p. illus. 16°.
1701. **Purin, Charles M.** The direct teaching of modern foreign languages in American high schools. *Modern language journal*, 1:43-51, November 1916.
Paper delivered before the Modern language association of the Eastern States and the Central West and South, April 15, 1916.
1702. **Russell, M. J.** The direct method in teaching Latin. *Classical journal*, 12:209-11, December 1916.
Discusses some of the objections to the direct method, but advocates brightening the lessons with a little conversation in Latin. Says that oral lessons can be used occasionally to advantage.
1703. **Sturtevant, E. H.** Which first—Greek or Latin? *Educational review*, 52:438-43, December 1916.
Writer suggests that schools with three or more sections in Latin should make one of these sections a Greek section. A plea for the study of Greek.
1704. **Surette, Thomas W.** Public-school music. *Atlantic monthly*, 118:812-23, December 1916.
Writer says that nearly the whole stress of teaching is laid on expert sight-reading of music. Deprecates too much technical instruction. The great desideratum is the creating of good taste in music.
1705. **Sutherland, Olive M.** Grammar up to date. *Classical journal*, 12:211-15, December 1916.
Teaching Latin grammar in high schools. Discusses the successful work of Prof. Beiard in France.
1706. **Victor talking machine company, Camden, N. J.** Educational department. The Victor in rural schools. Information and suggestions for the use of music in the rural school. With a selected list of Victor records. Camden, N. J., Victor talking machine company, 1916. 82 p. illus. 12°.
1707. **Wood, William Hugh.** How ought our histories be revised as to teaching. *Oklahoma journal of education*, 6:10-15, November 25, 1916.
Summarizing, the author says that history may be so taught as to emphasize the peace ideal in the following ways: (1) by emphatic stress on causes, results, and methods of wars; (2) by due emphasis on economic and industrial forces; (3) by emphasis on destructive effects of wars; (4) by stressing the fact that much of the best in each nation is borrowed from other nations; (5) by stressing the heroic in the ordinary battles of life; (6) by proper emphasis on America's just and honest diplomacy and kindly attitude to all nations; and (7) by stressing ethical principles.

KINDERGARTEN AND PRIMARY SCHOOL.

1708. **Gazin, F.** L'éducation maternelle. *Revue pédagogique*, 68:238-49, September 1916.
Gives the aim of the French "écoles maternelles."

RURAL EDUCATION.

1709. **Bernard, L. L.** Rehabilitating the rural school. *School and society*, 4:810-16, November 25, 1916.
The writer contends that the heart of the problem of functionalizing the rural school is the question of the curriculum. Tells of some changes most urgently needed in the rural curriculum.
1710. **Carton, E.** La fréquentation scolaire dans la circonscription d'Amiens-Sud. *Revue pédagogique*, 68:373-91, October 1916.
To be continued.
A report on the attendance problem in an agricultural district of France.

1711. **Finegan, Thomas E.** Rural high-school courses. North Carolina high school bulletin, 7:158-60; October 1916.

Abstract of a lecture before the University of North Carolina summer school, July 14, 1916.

1712. **Rubinow, S. G.** Agriculture and the rural district teacher. Training school quarterly, 3:187-92, October, November, December 1916.

Says the successful teaching of agriculture will depend on: (1) A successfully inbred, inherent love for that kind of work on the part of the teacher; (2) Enough training schools of the right type to furnish and supply that kind of teachers; (3) An appreciation of the value of agricultural teaching by trustees and patrons; (4) Enough equipment with which successfully to teach the subject; and (5) A remodeling of the modern curriculum which will allow ample time for the correct teaching of agriculture.

1713. **Thomas, A. O.** Country schools should be as good as those in town. School news and practical educator, 30:187-88, December 1916; 233-34, January 1917.

It is the purpose of the writer in this series to show the weakness of the rural school system and some of the remedies which may be applied.

SECONDARY EDUCATION.

1714. **Bennett, G. Vernon.** The intermediate school. Sierra educational news, 12:592-94, November 1916.

Takes up, one by one, the characteristics of the new junior high school.

1715. **Hamilton, W. I.** The static high school. Causes—remedies. School and society, 4:875-85, December 9, 1916.

An address before the Quintaped club, Boston, May 13, 1916.

The writer says that "the traditional is still the respectable; the classical program is regarded as the desirable; language and mathematics continue to be, from the school standpoint, the essentially valuable." Discusses the following questions with reference to current secondary education: What is the traditional; how did it become fixed; what are its effects; why is it wrong; what is better?

1716. **Hollister, H. A.** Cooperation in the standardization of secondary schools. School and home education, 36:92-95, December 1916.

Read at the annual meeting of the Southern association of colleges and secondary schools, Durham, N. C., November 17, 1916.

1717. **Inglis, Alexander J.** The junior high school. Provisions for its organization and efficient administration. Journal of education, 84:595-97, December 14, 1916.

Outline presented to the New England superintendents' association.

1718. **Koos, Leonard V.** A study of the credit granted to high-school graduates. School review, 24:713-23, December 1916.

Writer announces that his paper presents the results of "an analysis of the credits granted to high-school graduates, not on the basis of published announcements, catalogs, and programs of study of the schools from which they graduated, but on the basis of credit actually accepted toward graduation, i. e., it is a study of the granting of credit as it works out in practice." The data was obtained from the heads of eleven representative high schools in and near Chicago. Contains statistical charts and graphs.

1719. **Middlebury college, Middlebury, Vt.** The junior high school; a summary of courses given in the summer session of Middlebury college, 1916. Frank E. Howard, Ph. D., assistant professor of pedagogy. [Middlebury, Vt., The College, 1916] 43 p. 8°. (Middlebury college bulletin. vol. XI, no. 1).

Bibliography: p. 41-43.

1720. **Moreverde, Juan.** The aims of secondary education. Montevideo, Imp. "Latina" 1916. 15 p. 8°.

Subject proposed by Subsection 2 on secondary education, Section 4 of the second Pan-American scientific congress held in Washington.

1721. **Proctor, William Martin.** A survey of Oregon high schools. Oregon teachers monthly, 21:212-17, December 1916.

Summary of replies to a questionnaire on study habits of high-school pupils sent to high schools of Oregon. The summary is divided into five sections: (1) Methods of handling study periods; (2) Effectiveness of plan used; (3) Home study periods; (4) Improvement of home study conditions, and (5) Suggestions for improving study habits.

1722. **Willett, G. W.** Subject preferences in the Hibbing high school. Midland schools, 31:106-10, December 1916.

An investigation was made in the seventh and eighth grades and in the high school of Hibbing, Minn., to ascertain the preferences of pupils for certain subjects. Mathematics seemed to be the favorite in the high schools, industrial work and English in the eighth grade, and geography in the seventh grade.

TEACHERS: TRAINING AND PROFESSIONAL STATUS.

1723. **Hill, Sallie.** Organization of teachers. Colorado school journal, 32:17-20, November 1916.

A paper read at the grade teachers' breakfast, Denver, November 4, 1916.

Tells of the Denver grade teachers' association and gives some suggestions for similar organizations.

1724. **Olp, E. E.** How can the teachers' agency render its best service? Education, 37:252-59, December 1916.

Among other things, says that the teachers' agency should lend its influence against the breaking of contracts by teachers; a definite standard or platform should be agreed upon between employers and teachers' agencies.

1725. Personal equipment of the teacher. Arkansas teacher, 4:7-11, December 1916.

Considers some of the essentials in the make-up of the teacher: good health, personal elements, adaptability, individuality, industry, tact, enthusiasm, and knowledge.

1726. **Sheldon, H. D.** Teachers' organizations and teachers' tenure. Oregon teachers monthly, 21:205-207, December 1916.

1727. **Studenaky, Paul.** The pension problem. American teacher, 5:140-42, 154-57, November, December 1916.

The contributory and the non-contributory systems.

The second and third in a series of articles on the pension problem.

1728. **Walk, George E.** A decade of tendencies in curricula of state normal schools. Education, 37:209-29, December 1916.

Notes the absence of any "scientific basis for professional training consciously formulated by the normal schools themselves." Thinks that the whole problem of professional training in state normal schools should be referred to a commission of educational experts.

1729. **West, Carl J.** Teachers' pensions. Ohio teacher, 37:132-35, November 1916.

Considers the theoretical and statistical aspects of the subject with special reference to conditions in Ohio.

HIGHER EDUCATION.

1730. **American association of collegiate registrars.** Proceedings of the seventh annual meeting . . . Columbia university, New York, April 18-20, 1916. 106 p. 8°. (E. L. Gillis, secretary-treasurer, Lexington, Ky.)

Containing: 1. C. R. Mann: Educational problems suggested by a study of the records, p. 11-15. 2. J. A. Gamett: Office appliances and how they may assist the registrar, p. 15-21. Discussion, p. 21-25. 3. Mr. Reed: The picture I have formed of a college registrar, p. 43-54. 4. Clyde Furst: A study of the college entrance certificates, p. 58-64. 5. A. S. Bard: The relative standing of students, p. 67-76. 6. L. A. Kalbach: [The United States Bureau of education] p. 78-82.

1731. **American association of university professors.** Bulletin, vol. 2, no. 5, November 1916. 88 p. 8°. (H. W. Tyler, secretary, Massachusetts institute of technology, Cambridge, Mass.)

Contains: 1. President's report for 1916, p. 9-52. 2. Report of Committee N on the preparation of a handbook of American universities and colleges, p. 53-56. 3. Report of Committee P on pensions and insurance, p. 57-80.

1732. **Baldwin, Bird T.** Honor as a college asset. *Educational review*, 52:471-77, December 1916.
 Advocates the honor system. Says that its success is due in the main "to the natural desire of students to formulate ideals for themselves, the interest for cooperative activity and teamwork, and the pride involved in creating college public sentiment and college loyalty."
1733. **Butler, Nicholas Murray.** The college degree. *Princeton alumni weekly*, 17:207-8, November 29, 1916.
 From the annual report of the president of Columbia University for 1915-1916, published complete as section 2 of vol. 8, no. 7, of *Columbia alumni news*, November 10, 1916.
 The action taken by Columbia college providing that neither Latin nor Greek shall longer be prescribed for the degree of Bachelor of arts, and that the degree of Bachelor of science be no longer conferred.
1734. **Colby, Elbridge.** The proscription of prescriptions. *Educational review*, 52:464-70, December 1916.
 A discussion of so-called prescribed courses in our colleges.
1735. **College entrance examination board.** Sixteenth annual report of the secretary, 1916. New York, The Board, 1916. 78 p. 8°.
 Secretary: Thomas S. Flske, 431 West 117th street, New York, N. Y.
1736. **Cornell university.** Faculty representation on the Board of trustees. In *Twenty-fourth annual report by President Schurman, 1915-16*. Ithaca, N. Y., Cornell university, 1916. p. 5-9.
1737. **Kirkland, J. H.** Alumni influence upon university ideals. *Columbia alumni news*, 8:217-18, December 1, 1916.
 An address delivered at the sixth annual convention of the Association of alumni secretaries by the Chancellor of Vanderbilt university.
1738. **Swift, F. H.** Social aspects of German student life. [Garrison, N. Y., The Science press, 1916] 16 p. 4°.
 Reprinted from *School and society*, 4:49-53, 242-43, 313-18, July 8, August 12, August 26, 1916.
1739. **La vie universitaire dans les camps de prisonniers en Allemagne.** *Revue pédagogique*, 68:283-91, September 1916.
 Notes of the lectures, classes, etc., held in German prison camps by French university professors and teachers.
1740. **Wignore, John H.** Academic freedom of utterance; an analogy drawn from judicial immunity. *Nation*, 103:538-40, December 7, 1916.
 Writer is professor of law in Northwestern university and president (1916) of the American association of university professors.
 Criticism by A. O. Lovejoy with reply by Prof. Wignore, *Nation*, 103:561-62, December 14, 1916. Editorial comment in *Nation*, 103:581-82, December 21, 1916.

SCHOOL ADMINISTRATION.

1741. **Danner, V. E.** The case for free text books. *Oklahoma journal of education*, 6:6-10, December 9, 1916.
 Gives 24 arguments in favor of free text books. The issue for December 16 contains arguments against free text books.
1742. **Jones, Ben B.** School finance. *Colorado school journal*, 32:10-14, November 1916.
 Address given by the president of the Denver Board of education at the meeting of the Colorado teachers' association, November 3, 1916.
 Gives a comparison of the percentages of the school fund expended for various purposes in different cities, and in conclusion suggests the appointment of a school statistician, whose duty it shall be to obtain detailed information, prepare and compile statistics, reports, and comparative tables for board members and the public.

1743. **The state course of study (Utah).** Utah educational review, 10:11-16, December 1916.

A report of the work of the committee on the state course of study appointed and directed by the State superintendent of public instruction. The basis for investigation and study. Plans under consideration. Recommendations.

1744. **Symposium on Why the school administrator should have a philosophy of education and the nature of this philosophy.** Educational administration and supervision, 2:541-59, November 1916.

CONTENTS.—1. What philosophy is, according to William James.—2. George Santayana on philosophical heresy.—3. E. C. Moore: The school administrator's need of a philosophy of education.—4. Irving King: Recent developments of scientific method in the field of education, or the present need of a philosophical view-point in education.—5. H. H. Horne: The application of ontologies to education.

SCHOOL MANAGEMENT.

1745. **Busch, Ella Adeline.** Making the study-hour serve its purpose. Bulletin of the High school teachers association of New York City, no. 64:32-38, November 1916.

Suggests "a way for creating more favorable conditions for study for those pupils who habitually waste a part of the time they spend in study-halls."

1746. **Erickson, John E.** The result of supervised study in the Houghton, Michigan, high school. School review, 24:752-58, December 1916.

Divides the day into five periods of 80 minutes each. Each period is divided into two parts, the first 40 minutes being devoted to the recitation and the remainder to study, under the direction of the teacher. The length of the school day is from 8 a. m. to 12 m., and from 1.30 p. m. to 4:10 p. m. Is in favor of supervised study.

1747. **Julian, Brother.** Hints to young teachers. Catholic educational review, 12:392-400, December 1916.

Some hints to teachers on maintaining good order in the schoolroom.

1748. **Leo, Brother.** Direction and suppression. Catholic school journal, 16:335-36, December 1916.

The writer says that certain modern educational faddists gravely err when they seek to banish "don't" from the teacher's vocabulary. There are times when "don't" should be said, but suppression should always be followed by direction.

1749. **Proctor, William Martin.** The study hall—a source of waste. Sierra educational news, 12:587-88, November 1916.

Discusses first the waste of vital energy of the teacher in charge of the study hall and the waste of time and energy of the students, and then speaks of the superiority of supervised study over the study-hall plan.

1750. **Roberts, Alexander C.** Supervised study in the Everett high school. School review, 24:735-45, December 1916.

Says that supervised study has worked greatly to the advantage of the high school as a community center. Pronounces it a success, but not the final solution of this problem.

1751. **Simpson, James Herbert.** An experiment in educational self-government. Liverpool, H. Young & sons, limited, 1916: 51 p. 8°.

Describes an experiment in the educative effect of self-government upon one of the lower forms of Rugby school during the summer term of 1916.

1752. **Smith, B. E.** Three experiments in pupil self-government. Education, 37:230-34, December 1916.

Experiments tried in public schools of Indiana.

1753. **Utne, Theodore.** Time allotment of subject-matter in the elementary grades. School education, 36:6-7, December 1916.

Speaks of the wide variation in time allotments not only between different cities, but between different schools in the same city.

1754. **Zimmers, P. J.** The training of pupils in right habits of study through the proper conduct of the class period. *Wisconsin journal of education*, 48:245-53, November 1916.

Gives the effects of two years concerted action of all the teachers of Manitowoc, Wis., to train pupils in proper habits of study.

SCHOOL ARCHITECTURE.

1755. **Baker, N. R.** City school architecture. *Educational exchange*, 31:22, 24, December 1916.

Gives important points to be observed in constructing new schoolhouses.

1756. **Hollister, Horace Adelbert.** The planning and construction of high-school buildings; issued from the High school visitor's office, University of Illinois, for the guidance of school boards and those interested in high school construction. Urbana, The University of Illinois [1916] 70 p. incl. illus., plates, plans. 8°. (*University of Illinois bulletin*. vol. xiv, no. 8. October 23, 1916)

1757. **Oberholtzer, E. E.** Tulsa unit school system. *Journal of education*, 84:568-69, December 7, 1916.

Tells of the advantages of the unit system of school architecture as used in Tulsa, Oklahoma.

SCHOOL HYGIENE AND SANITATION.

1758. **King, John T.** Education and health. *Maryland medical journal*, 59:287-92, December 1916.

Discusses at length the sanitary supervision of schools.

1759. **Priestman, Austin.** The work of the school medical officer. *Political quarterly* (London) no. 8:55-78, September 1916.

SEX EDUCATION.

1760. **Bigelow, Maurice Alpheus.** Sex-education; a series of lectures concerning knowledge of sex in its relation to human life. New York, The Macmillan company, 1916. 251 p. front. (port.) 12°.

"Some books for sex-education": p. 233-47.

1761. **Burgess, William.** The child's right to sex instruction. *Religious education*, 11:499-503, December 1916.

Takes up first the objections to the instruction of children in sexual hygiene, and then when and how sex instruction should be given. A list of books on sex instruction for mothers, parents, school teachers, boys and girls is appended.

1762. **Exner, M. J.** Sex education and the high school age. *Religious education*, 11:487-98, December 1916.

Gives results from studies of college students which show the urgency of constructive sex-education at the beginning of high-school age.

PHYSICAL TRAINING.

1763. **Johnson, C. E.** The educational opportunity of the physical-training teacher. *Mind and body*, 23:337-43, December 1916.

Commencement address at the Sargent school for physical education, May 1916.

1764. **Philippe, Jean.** Pour l'enseignement de la gymnastique. *Revue pédagogique*, 68:213-37, September 1916.

The author discusses two questions, how to obtain the attention of pupils so that the most profit may be obtained from gymnastic exercises, and what exercise will best accomplish this purpose.

1765. **Shields, Thomas Edward.** Physical education. Catholic educational review, 12:424-34, December 1916.
1766. **Williams, Jesse Feiring.** Proposals for preparedness in physical education. American physical education review, 21:451-61, November 1916.
Read at the 23d annual convention of the American physical education association, Cincinnati, April 21, 1916.

SOCIAL ASPECTS OF EDUCATION.

1767. **National conference of charities and correction.** Proceedings . . . at the forty-third annual session held in Indianapolis, Ind., May 10-17, 1916. Chicago, Ill., The Hildman printing co., 1916. 713 p. 8°.
Contains: 1. Tallaferro Clark: The school as a factor in the mental hygiene of rural communities, p. 215-23. 2. J. M. McCallie: Dangers of classifying as feeble-minded children who are merely backward, p. 257-63. 3. G. S. Bliss: The danger of classifying as merely backward children who are feeble-minded, p. 263-66. 4. Ada M. Fitts: How to fill the gap between the special class and the institution, p. 292-300. 5. H. W. Nudd: The Gary plan and its social bearings, p. 559-66. 6. M. P. Adams: The schools of children's societies as experiment stations, p. 568-76. 7. J. W. Latimer: The juvenile court in its relation to public education, p. 576-85. 8. J. J. Gascorne: How can the probation officer best help the teacher? p. 583-85. 9. Jane F. Culbert: Visiting teachers and their activities, p. 592-98. 10. Tallaferro Clark: The physical care of rural school children, p. 599-605. 11. Ethel de Long: The school as a community center, p. 606-14.
1768. **Aronovici, Carol.** The social survey. Philadelphia, The Harper press, 1916. 255 p. 12°.
At head of title: Bureau for social research of the Seybert institution.
1769. **Arvold, Alfred G.** The soul and the soil. Playground, 10:324-33, December 1916.
Address given at the Recreation congress, Grand Rapids, Mich., October 2-6, 1915.
The need of social recreation in rural communities and the work of the Little country theatre in the development of community life.
1770. **Holden, Percy G.** Community clubs and their work. Normal instructor and primary plans, 26:29, 75, January 1917.
"In this article on Community clubs, Prof. Holden looks to the schoolhouse as the center of influence."
1771. **Yerkes, Robert M.** Educational and psychological aspects of racial well-being. Journal of delinquency, 1:243-49, November 1916.
Says that racial well being or eugenical progress must be achieved primarily through educational effort; education must be more highly individualized with respect to treatment, etc.

CHILD WELFARE.

1772. **DuShane, Donald.** The children of needy parents and the public schools. Educator-journal, 17:189-91, December 1916.
The writer tells of investigations which he has made which show that retardation and elimination of school children is caused mostly by the economic and social status of the parents. Retarded children are largely from the homes of laboring men. Children of common laborers have very little chance to complete the seventh grade and almost no chance to go further than through the ninth grade.
1773. **Nelson, Oscar F.** Child labor and education. Illinois teacher, 5:66-68, December 1916.
Quoted from the twenty-third annual report of the chief factory inspector of Illinois.
The views of an officer entirely outside of the teaching profession.
1774. **United States. Department of labor. Children's bureau.** List of references on child labor, compiled under the direction of H. H. B. Meyer . . . with the assistance of Laura A. Thompson. Washington, Government printing office, 1916. 161 p. 8° (Industrial series no. 3. Bureau publication no. 18.)

1775. **Webb, Sidney.** The coming educational revolution: half-time for adolescents. Contemporary review, 110:584-93, November 1916.

A plea for half-time instruction for adolescents after the war. Conditions in England reviewed. Discusses the "industrial parasitism" of industries to which the nation allows a wrong use of boy-labor, whether in the substitution of boys for men, or in occupations of the "blind-alley" kind.

RELIGIOUS EDUCATION.

1776. Educational aspects of school credit for extramural Bible study. Religious education, 11:518-25, December 1916.

The problem is stated by H. A. Hollister (1) from the standpoint of the school, and (2) from the standpoint of the church. The subject is then discussed by R. L. Kelly, Mr. Windham, V. P. Squires, and Lester J. Bradner.

1777. **Hayes, Ernest H.** The child in the midst; a guide to new Sunday school methods. London, F. & E. Stoneham, Ltd., 1916. 148 p. front., diags. 12°.

1778. **Reville, John C.** Another La Salle. America, 16:189-90, December 2, 1916.

Brother James Dominic Burke and his educational achievements in the schools at Cork, Ireland.

1779. **Squires, Vernon P.** Credit for religion. Why ask the state to give school credits for religious instruction? Religious education, 11:512-17, December 1916.

In summing up the writer says that he asks the state to give school credits for religious and Biblical instruction because the subject is entitled to such recognition, because such recognition will be helpful to both church and state, and because in so doing he believes he is acting in accordance with the spirit of our laws and institutions and assisting in a real and vital way in the great task of educating our youth in things worth while.

MANUAL AND VOCATIONAL TRAINING.

1780. **Bennett, Charles A.** Manual arts in the Ravenna township school. Manual training magazine, 18:150-56, December 1916.

Illustrated article showing the work being done in Ravenna, Ohio, township school.

1781. **Dean, Arthur Davis.** Factors entering into a state program of vocational education. Manual training magazine, 18:129-34, December 1916.

"From an address given at the one hundred and fiftieth anniversary of Rutgers college, New Brunswick, New Jersey, October 12, 1916."

1782. **Fleagle, Fred K.** Trade instruction. Educational review, 52:456-63, December 1916.

A plea for more democracy in education; industrial education in its various phases. Recommends a system of trade instruction. Work of the junior high school in facilitating vocational education.

1783. **Haas, Louis J.** A new vocation—diversional occupation. Industrial-arts magazine, 5:516-21, December 1916.

The work in diversional occupation as carried on in the Bloomingdale hospital, White Plains, N. Y. Various occupations suitable to the patients are taught. Gives method of presentation of different occupations.

1784. **Hall, Frank.** Manual training in town and city schools. West Virginia school journal and educator, 45:287-88, December 1916.

A brief sketch of the manual training work at Keyser, West Virginia, showing the socializing influence of the course and also the direct value of the skill acquired in manual training.

1785. **Johnson, Dallas D.** The administration of vocational education. Manual training magazine, 18:134-36, December 1916.

Contains a plan for administration of vocational education. Each feature represented in the scheme is in successful operation, but the writer is not aware of the existence of all of the features in any one particular school system in the United States.

1786. **Lewis, E. E.** What is vocational education? *Midland schools*, 31:110-14, December 1916.
Includes the definition of vocational education; evolution of vocations; early vocational schools; distinction between general, liberal, specific, and vocational education; revised conception of a liberal education; distinction between prevocational and vocational education; and motivation and vocational education.
1787. **Loeb, Max.** The radical movement in education. *Survey*, 37:272-75, December 9, 1916.
Discusses vocational education. Says that it suffers from the danger of over-emphasis; that it is difficult to maintain the proper balance between the vocational and cultural studies.
1788. **Salade, Robert F.** Teaching apprentices the art of printing. *Industrial-arts magazine*, 5:527-30, December 1916.

VOCATIONAL GUIDANCE.

1789. **Harris, Franklin Stewart.** The young man and his vocation. Boston, R. G. Badger [1916] 204 p. 12°.
1790. **Hendrick, Burton J.** Fitting the man to the job. *Harper's magazine*, 134:64-70, December 1916.
Vocational guidance in great industrial plants.
1791. **Jaeger, F. E. H.** Vocational guidance. *Business educator*, 22:30, November 1916.
A plan that has been put in operation in the East side high school, Newark, New Jersey.
1792. **Maverick, Lewis A.** Teaching the child to select his work. *School and society*, 4:781-83, November 18, 1916.
Recommends a scheme of advice by professional psychologists and advisers for students who are about to select their courses in either the high school or the university. The writer says that the present system of having "advisers" as found in many high schools and universities is a joke. The pupil should be given detailed advice as to the requirements of the different vocations, but above all things the decision should be left to the child.
1793. **Reed, Anna Y.** Vocational guidance report 1913-1916. Seattle, Wash., Pub. by the Board of school directors, 1916. 118 p. 12°. (Vocational publication no. 2)
Contains: Sec. I. Aims, methods and organization of vocational guidance. Sec. II. Curriculum suggestions. Sec. III. Report of the vocational and attendance department, 1915-1916.
1794. **Seitz, Don C.** Training for the newspaper trade. Philadelphia and London, J. B. Lippincott company [1916] 163 p. illus. 12°. (Lippincott's training series)
Other volumes in this series are, Training of a forester, by Gifford Pinchot; Training for the stage, by Arthur Hornblow; Training for the street railway business, by C. B. Fairchild.

HOME ECONOMICS.

1795. **Alabama home economics association.** Proceedings of the second annual conference . . . January 27-29, 1916. Montevallo, Ala., Alabama girls technical institute, 1916. 37 p. 8°. (Alabama girls technical institute bulletin, vol. 10, no. 2, October 1916)
Contains: 1. Zebulon Judd: Home economics in the new and socialized curriculum, p. 8-14. 2. Mary S. Woolman: Vocational phases of household arts education, p. 14-17. 3. What has been done in home economics in Alabama during nineteenth hundred and fifteen? p. 18-22. 4. Mary S. Woolman: Survey of household economics in the high school, p. 28-31. 5. Mrs. W. L. Murdoch: The principal needs of the children of Alabama and how they can best be met, p. 32-34.

COMMERCIAL EDUCATION.

1796. **Egbert, James C.** The service of business schools at the close of the great war. *Better schools*, 2:187-90, October 1916.

PROFESSIONAL EDUCATION.

1797. *Columbia alumni news*, vol. 8, no. 11, December 8, 1916. (The Columbia law school)

Contains: 1. Edmund Wetters: The Law school during the Civil war, p. 235. 2. H. F. Stone: The Columbia law school of to-day, p. 236-39. 3. F. M. Burdick: The Columbia law review, p. 243-44. 4. J. C. Carter: Kent hall and the moot courts, p. 245-47. 5. F. C. Hicks: The Columbia law library, 1915-1916, p. 248-51. 6. Where law school students come from: Table of American colleges which send men to the law school, p. 253.

1798. **Harbarger, Sada A.** Theme subjects for engineering students. *English journal*, 5:620-32, November 1916.

1799. **Mann, C. R.** Report of progress in the study of engineering education. *Bulletin of the Society for the promotion of engineering education*, 7:125-44, November 1916.

Discusses first, the historical background; second, the professional demand; and third, the work of the schools.

Also in *Columbia university quarterly*, 19:56-73, December 1916.

CIVIC EDUCATION.

1800. **Burgoon, A. L.** Civil government and citizenship. *Wyoming school journal*, 13:80-85, November 1916.

The writer says that if the nation at large is to enter upon a civic awakening, and the majority is to take part in the betterment movement, it behooves the public school world to develop a course in civics which in a measure will correspond to the college courses in political and social science. Gives some suggestions for a course in civics that aims at the awakening of the civic conscience.

1801. **Hamlin, Myra Swayer.** Relating education to life. *School*, 28:136-37, December 7, 1916.

The work of the Horace Mann school—Training coming citizens in their own environment—Why Arnold Bennett was surprised and delighted with this school.

1802. **Hill, Edward E.** Dynamic civics. How the child in our schools may be taught power in citizenship. *Survey*, 37:270-72, December 9, 1916.

"Dynamic civics," says the writer, "lays emphasis upon the work of government rather than the details of its machinery." It endeavors "to find out as many points of actual contact with social activities as is possible, to substitute whenever practicable first-hand knowledge and experience for the text-book, lectures, and outlines."

1803. **Robbins, Edwin Clyde.** A practical application of the social sciences. *School and society*, 4:845-50, December 2, 1916.

Outlines the salient features of a comprehensive and far-reaching plan for a better preparation of the people of Oregon, both in and out of the University of Oregon, for the duties of citizenship.

1804. **Schiff, Mortimer L.** Educational preparedness. *School and society*, 4:799-805, November 25, 1916.

An address before the Association of urban universities at the College of the City of New York on November 15, 1916.

Improvements or changes that should be made in our educational system along the lines of training for public service, particularly in regard to commercial training.

EDUCATION OF WOMEN.

1805. **Haller, William.** Alien essences. *Columbia university quarterly*, 19:44-55, December 1916.

Deals with the perplexities of a young man attempting to teach women, his attitude toward them, and how to treat them.

1806. **Sleman, Emily F.** A progressive step in the higher education of women. *School and society*, 4:772-75, November 18, 1916.
Gives a brief sketch of the past history of college-entrance requirements, and speaks of the abandonment by Goucher college of its Latin requirement.
1807. **Stoddard, Abbie O., and Chapman, Lucy H.** What should vocational schools offer girls? *Education*, 37:244-51, December 1916.
Discusses the status of vocational education in Massachusetts.
1808. **Suran-Mabire, Mme. C.** La réforme de l'enseignement secondaire féminin et les associations des professeurs. *Revue universitaire*, 25:203-17, October 1916.
After a discussion of the needed reforms the author gives a plan of a course of study.

EDUCATION OF DEAF.

1809. Financial experiences of teachers of lip-reading. A symposium. *Volta review*, 18: 511-14, December 1916.
First article was published in October number of *Volta review*.
1810. **Pintner, Rudolf.** The ability of deaf and hearing children to follow printed directions. *Pedagogical seminary*, 23:477-97, December 1916.
In this study the two easy direction tests of Woodworth and Wells were used.

EXCEPTIONAL CHILDREN.

1811. **Bridie, Marion F.** The Birmingham scheme for determining which children in our special schools will require permanent and institutional care. *Training school bulletin*, 13:168-70, November 1916.
This paper is by the superintendent of special schools, Birmingham, England.
1812. **Colliver, John Adams.** Some physical, psycho-sociological causes of delinquency in boys. *Journal of sociologic medicine*, 17:366-80, October 1916.
1813. **Gray, Temperance.** What the school principal expects from the ungraded class-teacher. *Ungraded*, 2:27-36, November 1916.
1814. **Hicks, Vinnie C.** Class management. A clinic in California. *Ungraded*, 2: 66-72, December 1916.
The work with atypical cases in Oakland during the last five years.
1815. **Hollander, Bernard.** Abnormal children (nervous, mischievous, precocious, and backward); a book for parents, teachers, and medical officers of schools. London, K. Paul, Trench, Trubner & co., Ltd., 1916. 224 p. xii pl. 12°.
1816. **Otis, Edward O.** The physically defective. *Boston medical and surgical journal*, 175:737-41, November 23, 1916.
Discusses the crippled and deformed, the blind, and the deaf and dumb. Presents statistics; shows what may be accomplished by proper education, and by training the defective members.
1817. **Shuttleworth, George Edward and Potts, W. A.** Mentally deficient children; their treatment and training. 4th ed. London, H. K. Lewis & co., Ltd.; Philadelphia, P. Blakiston's son & co., 1916. 284 p. illus., plates. 12°.
Bibliography: p. 265-273.
1818. **Williams, J. Harold.** The Whittier scale for grading home conditions. *Journal of delinquency*, 1:273-86, November 1916.
The investigator makes a personal visit, recording as a result of his inspection, data with reference to each of five items: 1, Necessities; 2, neatness; 3, size; 4, parental conditions; 5, parental supervision.

1819. **Young, Meredith.** The mentally defective child; written specially for school teachers and others interested in the educational treatment and after-care of mentally defective school children. London, H. K. Lewis & Co., Ltd., 1916. 140 p. illus. 12°.

EDUCATION EXTENSION.

1820. **Berg, Harold O.** Staying after school. *Survey*, 37:298-300, December 16, 1916.
Describes a workmen's evening class in Americanization in Milwaukee, Wis. Illustrated.
1821. **Field, H. Stanwood.** The Boston continuation schools. *Industrial-arts magazine*, 5:546-47, December 1916.
The present paper constituted the basis of an address before the annual institute of teachers in continuation schools, Milwaukee, September 6, 1916.
1822. **Fuller, James H.** Pennsylvania's continuation schools. *Journal of education*, 84:508-9, November 23, 1916.
Gives the salient features of the Cox child labor law of Pennsylvania, and the course of study to be followed in the continuation schools.
1823. **Kirchwey, Freda.** A community center vacation school. Kindergarten and first grade, 1:421-29, December 1916.
Tells of the first community center summer school, held in Public school 70, New York City, and the success of the work undertaken.

LIBRARIES AND READING.

1824. **Barnes, Walter.** The continuation-school of the book. *Normal instructor and primary plans*, 26:13-14, January 1917.
The writer says that "the teacher that brings her children into a loving intimacy with good books and gives them training in proper reading habits is ushering those children into the cheapest, the most accessible, the completest continuation school in existence—the school that offers the widest variety of courses, the greatest faculty, and the most stimulating atmosphere."
1825. **Bostwick, Arthur E.** Books for tired eyes. *Yale review*, 6:358-68, January 1917.
Writer says that oculists should take the first steps toward creating a demand for larger print, and that teachers, librarians, parents, the press—all can do their part in this movement. When a demand for larger print has thus been created, the trade will respond.

BUREAU OF EDUCATION: RECENT PUBLICATIONS.

1826. The district agricultural schools of Georgia; by C. H. Lane and D. J. Crosby. Washington, 1916. 32 p. (Bulletin, 1916, no. 44)
1827. Minimum school-term regulations; by J. C. Muerman. Washington, 1916. 18 p. (Bulletin, 1916, no. 42)
1828. Some facts concerning manual arts and home making subjects in one hundred fifty-six cities; by Joseph C. Park and Charles L. Harlan. Washington, 1916. 25 p. (Bulletin, 1916, no. 32)
1829. Statement of the Commissioner of education to the Secretary of the interior for the fiscal year ended June 30, 1916. Washington, 1916. 44 p.
1830. A survey of educational institutions of the state of Washington. Washington, 1916. 228 p. (Bulletin, 1916, no. 26)

PERIODICALS REPRESENTED IN THIS RECORD, OCTOBER, 1916-
JANUARY, 1917.

- America, 59 East Eighty-third street, New York, N. Y.
 American city, 93 Nassau street, New York, N. Y.
 American education, 60 State street, Albany, N. Y.
 American journal of nursing, 2419-21 Greenmount avenue, Baltimore, Md.
 American journal of psychology, Clark university, Worcester, Mass.
 American journal of public health, 249 Fourth avenue, New York, N. Y.
 American journal of sociology, University of Chicago press, Chicago, Ill.
 American law school review, West publishing company, St. Paul, Minn.
 American magazine of art, 215 West Fifty-seventh street, New York, N. Y.
 American physical education review, 93 Westford avenue, Springfield, Mass.
 American school, P. O. Box 134, Milwaukee, Wis.
 American school board journal, 129 Michigan street, Milwaukee, Wis.
 American schoolmaster, State normal college, Ypsilanti, Mich.
 American teacher, 225 Fifth avenue, New York, N. Y.
 Annals of the American academy of political and social science, Woodland avenue and Thirty-sixth street, Philadelphia, Pa.
 Arizona teacher, Phoenix, Ariz.
 Arkansas teacher, Conway, Ark.
 Associate teacher, Pierre, S. Dak.
 Atlantic educational journal, 19 West Saratoga street, Baltimore, Md.
 Atlantic monthly, 4 Park street, Boston, Mass.
 Better schools, Painesville, Ohio.
 Bibliothèque universelle et revue suisse, Lausanne, Switzerland.
 Boston medical and surgical journal, 101 Tremont street, Boston, Mass.
 Bulletin of the High school teachers' association of New York City, New York, N. Y.
 Bulletin of the Society for the promotion of engineering education, Lancaster, Pa.
 Business educator, Columbus, Ohio.
 Calcutta review, Calcutta, India.
 Catholic educational association bulletin, 1651 East Main street, Columbus, Ohio.
 Catholic educational review, Washington, D. C.
 Catholic school journal, Milwaukee, Wis.
 Child, London, England.
 Child labor bulletin, 105 East Twenty-second street, New York, N. Y.
 Child-welfare bulletin, Peoria, Ill.
 Child-welfare magazine, 27 South Sixth street, Philadelphia, Pa.
 Classical journal, University of Chicago press, Chicago, Ill.
 Classical weekly, Broadway and One hundred twentieth street, New York, N. Y.
 Colorado school journal, 230 Railway Exchange building, Denver, Colo.
 Columbia alumni news, Columbia university, New York, N. Y.
 Columbia university quarterly, Columbia university, New York, N. Y.
 Contemporary review, 249 West Thirteenth street, New York, N. Y.
 Current education, Philadelphia, Pa.
 Education, 120 Boylston street, Boston, Mass.
 Educational administration and supervision, Warwick and York, inc., Baltimore, Md.
 Educational exchange, Birmingham, Ala.
 Educational foundations, 31-33 East Twenty-seventh street, New York, N. Y.
 Educational review, Columbia university, New York, N. Y.
 Educator journal, 403 Newton Claypool building, Indianapolis, Ind.
 Elementary school journal, University of Chicago press, Chicago, Ill.
 English bulletin, University of Texas, Austin, Tex.
 English journal, University of Chicago press, Chicago, Ill.
 Forecast, 912 Flanders building, Philadelphia, Pa.
 Fortnightly review, 249 West Thirteenth street, New York, N. Y.
 Forum, 32 West Fifty-eighth street, New York, N. Y.
 Forward, Southern sociological congress, Nashville, Tenn.
 Good housekeeping magazine, 119 West Fortieth street, New York, N. Y.
 Granite monthly, Concord, N. H.
 Harper's monthly magazine, Franklin square, New York, N. Y.
 Harvard alumni bulletin, 50 State street, Boston, Mass.
 Harvard graduates' magazine, Exchange building, Boston, Mass.
 Harvard teachers' association leaflet, 44 Martin street, Cambridge, Mass.
 History teacher's magazine, McKinley publishing company, Philadelphia, Pa.
 Illinois teacher, Bloomington, Ill.
 Independent, 119 West Fortieth street, New York, N. Y.

- Indiana magazine of history, Indianapolis, Ind.
 Industrial arts magazine, 129 Michigan street, Milwaukee, Wis.
 Industrial economist, Washington, D. C.
 Inter-mountain educator, Missoula, Mont.
 International review of missions, Edinburgh, Scotland.
 Journal of delinquency, Whittier state school, Whittier, Cal.
 Journal of education, 6 Beacon street, Boston, Mass.
 Journal of educational psychology, Warwick and York, inc., Baltimore, Md.
 Journal of experimental psychology, Princeton, N. J.
 Journal of geography, Madison, Wis.
 Journal of heredity, American genetic association, Washington, D. C.
 Journal of home economics, Station N, Baltimore, Md.
 Journal of sociologic medicine, 62 North Fourth street, Easton, Pa.
 Journal of the Franklin institute, Philadelphia, Pa.
 Journal of the National education association, Ann Arbor, Mich.
 Journal of the outdoor life, 229 Fourth avenue, New York, N. Y.
 Kansas teacher, Topeka, Kans.
 Kentucky high school quarterly, Lexington, Ky.
 Kindergarten and first grade, Springfield, Mass.
 Kindergarten-primary magazine, Marquette, Mich.
 Library journal, 241 West Thirty-seventh street, New York, N. Y.
 Manual training magazine, Manual arts press, Peoria, Ill.
 Maryland medical journal, 608 Professional building, Baltimore, Md.
 Mathematics teacher, 41 North Queen street, Lancaster, Pa.
 Medical record, 51 Fifth avenue, New York, N. Y.
 Medical times, 108 Fulton street, New York, N. Y.
 Middle-west school review, Omaha, Nebr.
 Midland schools, Des Moines, Iowa.
 Mind and body, Milwaukee, Wis.
 Modern language journal, sixty eighth street and Park avenue, New York, N. Y.
 Mother's magazine, David C. Cook publishing company, Elgin, Ill.
 Music supervisors' journal, Madison, Wis.
 Nation, P. O. Box 794, New York, N. Y.
 National association of corporation schools, Bulletin, Irving place and Fifteenth street, New York, N. Y.
 National municipal review, North American building, Philadelphia, Pa.
 Nebraska teacher, Lincoln, Nebr.
 New Mexico journal of education, Santa Fe, N. Mex.
 Nineteenth century and after, 249 West Thirteenth street, New York, N. Y.
 Normal instructor and primary plans, Mansville, N. Y.
 North American review, Franklin square, New York, N. Y.
 North Carolina education, Raleigh, N. C.
 North Carolina high school bulletin, Chapel Hill, N. C.
 Northwest journal of education, Seattle, Wash.
 Ohio educational monthly, Columbus, Ohio.
 Ohio teacher, Columbus, Ohio.
 Oklahoma journal of education, Oklahoma City, Okla.
 Oregon teachers monthly, Salem, Oreg.
 Outlook, 287 Fourth avenue, New York, N. Y.
 Pedagogical seminary, Worcester, Mass.
 Pennsylvania school journal, Lancaster, Pa.
 Physical culture, Physical culture publishing company, New York, N. Y.
 Pittsburgh school bulletin, Pittsburgh, Pa.
 Playground, 1 Madison avenue, New York, N. Y.
 Political quarterly, Oxford university press, London, England.
 Popular educator, 50 Bromfield street, Boston, Mass.
 Primary education, 50 Bromfield street, Boston, Mass.
 Princeton alumni weekly, Princeton, N. J.
 Progressive teacher, Nashville, Tenn.
 Psychological clinic, Woodland avenue and Thirty-sixth street, Philadelphia, Pa.
 Psychological review, 41 North Queen street, Lancaster, Pa.
 Public libraries, Library bureau, Chicago, Ill.
 Quarterly journal of public speaking, Menasha, Wis.
 Quarterly journal of the University of North Dakota, University, N. Dak.
 Quarterly publications of the American statistical association, 491 Boylston street, Boston, Mass.
 Queen's quarterly, Kingston, Canada.
 Religious education, 332 South Michigan avenue, Chicago, Ill.
 Revue de l'enseignement des langues vivantes, Paris, France.

Revue internationale de l'enseignement, Paris, France.
Revue pédagogique, Paris, France.
Revue universitaire, Paris, France.
Rural school messenger, Kirksville, Mo.
School, 154 Fifth avenue, New York, N. Y.
School and home education, Bloomington, Ill.
School and society, The Science press, Garrison, N. Y.
School-arts magazine, 120 Boylston street, Boston, Mass.
School bulletin, Syracuse, N. Y.
School education, Minneapolis, Minn.
School music, Keokuk, Iowa.
School news and practical educator, Taylorsville, Ill.
School news of New Jersey, New Egypt, N. J.
School review, University of Chicago press, Chicago, Ill.
School science and mathematics, Mount Morris, Ill.
Scientific monthly, The Science press, Garrison, N. Y.
Scribner's magazine, 595 Fifth avenue, New York, N. Y.
Stera educational news, San Francisco, Cal.
Social service review, Woodward building, Washington, D. C.
Southern workman, Hampton, Va.
Survey, 105 East Twenty-second street, New York, N. Y.
Teachers college record, Teachers college, Columbia university, New York, N. Y.
Teaching, State normal school, Emporia, Kans.
Texas school journal, Dallas, Tex.
Training school bulletin, Vineland, N. J.
Teaching school quarterly, Greenville, N. C.
Ungraded, 1701 Fulton avenue, New York, N. Y.
University of California chronicle, Berkeley, Cal.
Unpopular review, 35 West Thirty-second street, New York, N. Y.
Utah educational review, Salt Lake City, Utah.
Van Leuven Browne national magazine, Detroit, Mich.
Virginia journal of education, Richmond, Va.
Volta review, Volta bureau, Washington, D. C.
West Virginia school journal and educator, Charleston, W. Va.
Western journal of education, San Francisco, Cal.
Western teacher, Milwaukee, Wis.
Wisconsin journal of education, Madison, Wis.
World's work, London, England.
Wyoming school journal, Laramie, Wyo.
Yale alumni weekly, 135 Elm street, New Haven, Conn.
Yale review, 135 Elm street, New Haven, Conn.

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BULLETIN OF THE UNITED STATES BUREAU OF EDUCATION.¹

[NOTE.—Documents marked with an asterisk (*) may be obtained only from the Superintendent of Documents, Government Printing Office, Washington, D. C., at the price indicated. Remittances should be made direct to the Superintendent of Documents in coin, currency, or money order. Stamps are not accepted. Other publications will be sent free of charge upon application to the Commissioner of Education as long as the limited supply lasts.]

1913.

- *No. 1. Monthly record of current educational publications, January, 1913. 5 cts.
- *No. 2. Training courses for rural teachers. A. C. Monahan and R. H. Wright. 3 cts.
- *No. 3. The teaching of modern languages in the United States. Charles H. Handschin. 15 cts.
- *No. 4. Present standards of higher education in the United States. George E. MacLean. 20 cts.
- *No. 5. Monthly record of current educational publications, February, 1913. 5 cts.
- *No. 6. Agricultural instruction in high schools. C. H. Robison and F. B. Jenks. 10 cts.
- *No. 7. College entrance requirements. Clarence D. Kingsley. 15 cts.
- *No. 8. The status of rural education in the United States. A. C. Monahan. 15 cts.
- *No. 9. Consular reports on continuation schools in Prussia. 5 cts.
- *No. 11. Monthly record of current educational publications, April, 1913. 5 cts.
- *No. 12. The promotion of peace. Fannie Fern Andrews. 10 cts.
- *No. 13. Standards and tests for measuring the efficiency of schools or systems of schools. 5 cts.
- *No. 14. Agricultural instruction in secondary schools. 10 cts.
- *No. 15. Monthly record of current educational publications, May, 1913. 5 cts.
- *No. 16. Bibliography of medical inspection and health supervision. 15 cts.
- *No. 17. A trade schools for girls. 10 cts.
- *No. 18. The fifteenth international congress on hygiene and demography. Fletcher B. Dresslar. 10 cts.
- *No. 19. German industrial education and its lessons for the United States. Holmes Beckwith. 15 cts.
- *No. 20. Illiteracy in the United States. 10 cts.
- *No. 21. Monthly record of current educational publications, June, 1913. 5 cts.
- *No. 22. Bibliography of industrial, vocational, and trade education. 10 cts.
- *No. 23. The Georgia club at the State Normal School, Athens, Ga., for the study of rural sociology. E. C. Branson. 10 cts.
- *No. 24. A comparison of public education in Germany and in the United States. Georg Kerschensteiner. 5 cts.
- *No. 25. Industrial education in Columbus, Ga. Roland B. Daniel. 5 cts.
- *No. 26. Good roads arbor day. Susan B. Sipe.
- *No. 28. Expressions on education by American statesmen and publicists. 5 cts.
- *No. 29. Accredited secondary schools in the United States. Kendrick C. Babcock. 10 cts.
- *No. 30. Education in the South. W. Carson Ryan, jr. 10 cts.
- *No. 31. Special features in city school systems. 10 cts.
- *No. 34. Pension systems in Great Britain. Raymond W. Sies. 10 cts.
- *No. 35. A list of books suited to a high-school library. 15 cts.
- *No. 36. Report on the work of the Bureau of Education for the natives of Alaska, 1911-12. 10 cts.
- *No. 37. Monthly record of current educational publications, October, 1913. 5 cts.
- *No. 38. Economy of time in education. 10 cts.
- *No. 40. The reorganized school playground. Henry S. Curtis. 10 cts.
- *No. 41. The reorganization of secondary education. 10 cts.
- *No. 42. An experimental rural school at Winthrop College. H. B. Browne. 10 cts.
- *No. 43. Agriculture and rural-life day; material for its observance. Eugene C. Brooks. 10 cts.
- *No. 44. Organized health work in schools. E. B. Hoeg. 10 cts.
- *No. 45. Monthly record of current educational publications, November, 1913. 5 cts.
- *No. 46. Educational directory, 1913. 15 cts.
- *No. 47. Teaching material in Government publications. F. K. Noyes. 10 cts.
- *No. 48. School hygiene. W. Carson Ryan, jr. 15 cts.

¹ For issues prior to 1913, see list "Available Publications of the United States Bureau of Education, October, 1916," which may be had on application. Numbers omitted are out of print.
*See note at top of this page.



- *No. 48. The Farragut School, a Tennessee country-life high school. A. C. Monahan and Adams Phillips. 10 cts.
- *No. 49. The Fitchburg plan of cooperative industrial education. M. R. McCann. 10 cts.
- *No. 50. Education of the immigrant. 10 cts.
- *No. 51. Sanitary schoolhouses. Legal requirements in Indiana and Ohio. 5 cts.
- *No. 52. Monthly record of current educational publications, December, 1913. 5 cts.
- *No. 53. Consular reports on industrial education in Germany.
- *No. 54. Legislation and judicial decisions relating to education, Oct. 1, 1909, to Oct. 1, 1912. James C. Boykin and William R. Hood. 35 cts.
- *No. 55. Educational system of rural Denmark. Harold W. Foght. 15 cts.
- *No. 56. Bibliography of education for 1910-11.
- *No. 57. Statistics of State universities and other institutions of higher education partially supported by the State, 1912-13.
- 1914.
- *No. 1. Compulsory school attendance. 15 cts.
- *No. 2. Monthly record of current educational publications, February, 1914. 5 cts.
- *No. 3. The school and the start in life. Meyer Bloomfield. 15 cts.
- *No. 4. The folk high schools of Denmark. L. L. Friend. 3 cts.
- *No. 5. Kindergartens in the United States. 20 cts.
- *No. 6. Monthly record of current educational publications, March, 1914. 5 cts.
- *No. 7. The Massachusetts home-project plan of vocational agricultural education. R. W. Stimson. 15 cts.
- *No. 8. Monthly record of current educational publications, April, 1914.
- *No. 9. Physical growth and school progress. B. T. Baldwin. 25 cts.
- *No. 10. Monthly record of current educational publications, May, 1914. 5 cts.
- *No. 11. Rural schoolhouses and grounds. F. B. Dressler.
- *No. 12. Present status of drawing and art in the elementary and secondary schools of the United States. Royal B. Farnum. 85 cts.
- *No. 13. Vocational guidance. 10 cts.
- *No. 14. Monthly record of current educational publications. Index. 5 cts.
- *No. 15. The tangible rewards of teaching. James C. Boykin and Roberta King. 50 cts.
- *No. 16. Sanitary survey of the schools of Orange County, Va. Roy K. Flannagan.
- *No. 17. The public-school system of Gary, Ind. William P. Burris. 15 cts.
- *No. 18. University extension in the United States. Louis E. Reber.
- *No. 19. The rural school and hookworm disease. J. A. Ferrell.
- *No. 20. Monthly record of current educational publications, September, 1914. 10 cts.
- *No. 21. The Danish folk high schools. H. W. Foght.
- *No. 22. Some trade schools in Europe. Frank L. Glynn.
- *No. 23. Danish elementary rural schools. H. W. Foght. 10 cts.
- *No. 24. Important features in rural school improvement. W. T. Hodges. 10 cts.
- *No. 25. Monthly record of current educational publications, October, 1914. 5 cts.
- *No. 26. Agricultural teaching. 15 cts.
- *No. 27. The Montessori method and the kindergarten. Elizabeth Harrison. 5 cts.
- *No. 28. The kindergarten in benevolent institutions.
- *No. 29. Consolidation of rural schools and transportation of pupils at public expense. A. C. Monahan. 25 cts.
- *No. 30. Report on the work of the Bureau of Education for the natives of Alaska. 25 cts.
- *No. 31. Bibliography of the relation of secondary schools to higher education. R. L. Walkley.
- *No. 32. Music in the public schools. Will Earhart. 10 cts.
- *No. 33. Library instruction in universities, colleges, and normal schools. Henry R. Evans. 5 cts.
- *No. 34. The training of teachers in England, Scotland, and Germany. Charles H. Judd. 10 cts.
- *No. 35. Education for the home—Part I. General statement. B. R. Andrews. 10 cts.
- *No. 36. Education for the home—Part II. State legislation, schools, agencies. B. R. Andrews.
- *No. 37. Education for the home—Part III. Colleges and universities. B. R. Andrews. 25 cts.
- *No. 38. Education for the home—Part IV. Bibliography, list of schools. B. R. Andrews. 10 cts.
- *No. 39. Care of the health of boys in Girard College, Philadelphia, Pa.
- *No. 40. Monthly record of current educational publications, November, 1914. 5 cts.
- *No. 41. Monthly record of current educational publications, December, 1914. 5 cts.
- *No. 42. Educational directory, 1914-15. 20 cts.
- *No. 43. County-unit organization for the administration of rural schools. A. C. Monahan. 10 cts.
- *No. 44. Curricula in mathematics. J. C. Brown. 10 cts.
- *No. 45. School savings banks. Mrs. Sara L. Oberholzer. 5 cts.
- *No. 46. City training schools for teachers. Frank A. Manny.
- *No. 47. The educational museum of the St. Louis public schools. C. G. Rathman.
- *No. 48. Efficiency and preparation of rural-school teachers. H. W. Foght. 15 cts.
- *No. 49. Statistics of State universities and State colleges.

* See note at top of p. I.

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1915.

- *No. 1. Cooking in the vocational school. Iris P. O'Leary. 5 cts.
- *No. 2. Monthly record of current educational publications, January, 1915. 5 cts.
- *No. 3. Monthly record of current educational publications, February, 1915. 5 cts.
- *No. 4. The health of school children. W. H. Heck. 15 cts.
- No. 5. Organization of State departments of education. A. C. Monahan.
- *No. 6. A study of the colleges and high schools in the North Central Association. 15 cts.
- No. 7. Accredited secondary schools in the United States. Samuel P. Capen.
- No. 8. Present status of the honor system in colleges and universities. Bird T. Baldwin.
- *No. 9. Monthly record of current educational publications, March, 1915. 5 cts.
- *No. 10. Monthly record of current educational publications, April, 1915. 5 cts.
- No. 11. A statistical study of the public-school systems of the southern Appalachian Mountains. Norman Frost.
- No. 12. History of public-school education in Alabama. Stephen B. Weeks.
- *No. 13. The schoolhouse as the polling place. E. J. Ward. 5 cts.
- No. 14. Monthly record of current educational publications, May, 1915. 5 cts.
- *No. 15. Monthly record of current educational publications. Index, Feb., 1914-Jan., 1915. 5 cts.
- *No. 16. Monthly record of current educational publications, June, 1915. 5 cts.
- *No. 17. Civic education in elementary schools as illustrated in Indianapolis. A. W. Dunn. 5 cts.
- No. 18. Legal education in Great Britain. H. S. Richards.
- *No. 19. Statistics of manual-training, agricultural, and industrial schools. 10 cts.
- No. 20. The rural school system of Minnesota. H. W. Foght. 20 cts.
- *No. 21. Schoolhouse sanitation. William A. Cook. 10 cts.
- No. 22. State versus local control of elementary education. T. L. MacDowell. 10 cts.
- No. 23. The teaching of community civics. 10 cts.
- *No. 24. Adjustment between kindergarten and first grade. Luella A. Palmer. 5 cts.
- No. 25. Public, society, and school libraries.
- No. 26. Secondary schools in the States of Central America, South America, and the West Indies. Anna T. Smith.
- No. 27. Opportunities for foreign students at colleges and universities in the United States. Samuel P. Capen.
- *No. 28. The extension of public education. Clarence A. Perry. 20 cts.
- No. 29. The truant problem and the parental school. James S. Illatt.
- No. 30. Bibliography of education for 1911-12.
- *No. 31. A comparative study of the salaries of teachers and school officers. 15 cts.
- No. 32. The school system of Ontario. H. W. Foght.
- No. 33. Problems of vocational education in Germany. George E. Myers.
- *No. 34. Monthly record of current educational publications, September, 1915. 5 cts.
- *No. 35. Mathematics in the lower and middle commercial and industrial schools. E. H. Taylor. 15 cts.
- No. 36. Free textbooks and State uniformity. A. C. Monahan.
- No. 37. Some foreign educational surveys. James Mahoney.
- No. 38. The university and the municipality.
- No. 39. The training of elementary school-teachers in mathematics. I. L. Kandel.
- No. 40. Monthly record of current educational publications, October, 1915.
- No. 41. Significant school extension records. Clarence A. Perry. 5 cts.
- *No. 42. Advancement of the teacher with the class. James Mahoney. 10 cts.
- No. 43. Educational directory, 1915-16.
- *No. 44. School administration in the smaller cities. W. S. DeBenbaugh. 25 cts.
- No. 45. The Danish people's high school. Marilu Hegland.
- *No. 46. Monthly record of current educational publications, November, 1915. 5 cts.
- *No. 47. Digest of State laws relating to public education. Hood, Weeks, and Ford. 60 cts.
- No. 48. Report on the work of the Bureau of Education for the natives of Alaska, 1913-14.
- No. 49. Monthly record of current educational publications, December, 1915. 5 cts.
- No. 50. Health of school children. W. H. Heck.

1916.

- No. 1. Education exhibits at the Panama-Pacific International Exposition. W. Carson Ryan, Jr.
- *No. 2. Agricultural and rural education at the Panama-Pacific International Exposition. H. W. Foght.
- No. 3. Placement of children in the elementary grades. K. J. Hoke.
- *No. 4. Monthly record of current educational publications, January, 1916. 5 cts.
- No. 5. Kindergarten training schools.
- No. 6. Statistics of State universities and State colleges.
- *No. 7. Monthly record of current educational publications, February, 1916. 5 cts.
- No. 8. Reorganization of the public school system. F. F. Bunker.

* See note at top of p. i.

IV

- *No. 9. Monthly record of current educational publications, March, 1916. 5 cts.
- No. 10. Needed changes in secondary education. Charles W. Eliot and Ernesto Nelson.
- *No. 11. Monthly record of current educational publications, April, 1916. 5 cts.
- No. 12. Problems involved in standardizing State normal schools. C. H. Judd and S. C. Parker.
- *No. 13. Monthly record of current educational publications, May, 1916. 5 cts.
- No. 14. State pension systems for public-school teachers. W. Carson Ryan, Jr., and Roberta King.
- *No. 15. Monthly record of current educational publications—Index, February, 1915-January, 1916. 5 cts
- o No. 16. Reorganizing a county system of rural schools. J. Harold Williams. 10 cts.
- *No. 17. The Wisconsin county training schools for teachers in rural schools. W. E. Larson. 10 cts.
- No. 18. Public facilities for educating the alien. F. E. Farrington.
- No. 19. State higher educational institutions of Iowa.
- No. 20. Accredited secondary schools in the United States. Samuel P. Capen.
- No. 21. Vocational secondary education.
- *No. 22. Monthly record of current educational publications, September, 1916. 5 cts.
- o No. 23. Open-air schools. F. B. Dresslar and S. C. Kingsley.
- No. 24. Monthly record of current educational publications, October, 1916.
- No. 25. Commercial education. Glen Levin Swiggett.
- No. 26. A survey of the educational institutions of the State of Washington.
- No. 27. State higher educational institutions of North Dakota.
- No. 28. The social studies in secondary education. A. W. Dunn.
- No. 29. Educational survey of Wyoming.
- No. 30. University training for public service. F. B. Robinson.
- No. 31. Monthly record of current educational publications, November, 1916.
- No. 32. Some facts concerning manual arts and home-making subjects in one hundred and fifty-six cities.
J. C. Park and C. W. Harlan.
- No. 33. Registration and student records in the smaller colleges. B. F. Andrews.
- o No. 34. Service instruction of American corporations. L. F. Fuld.
- No. 35. Adult illiteracy. Winthrop Talbot.
- No. 36. Monthly record of current educational publications, December, 1916.
- No. 37. Cooperative system of education. C. W. Park.
- o No. 38. Negro education. Vol. I. Thomas Jesse Jones.
- o No. 39. Negro education. Vol. II. Thomas Jesse Jones.
- No. 40. Gardening in elementary schools. C. D. Jarvis.
- o No. 41. Agricultural extension in Ireland. A. C. Monahan.
- No. 42. Minimum school term laws and regulations. J. C. Muerman.
- No. 43. Educational directory, 1916-17.
- *No. 44. District agricultural schools of Georgia. C. H. Land and D. J. Crosby. 5 cts.
- No. 45. Kindergarten legislation. Louise Schofield.
- No. 46. Recent movements in college and university administration. S. P. Capen.
- No. 47. Work of the Bureau of Education for the natives of Alaska.
- No. 48. Rural school supervision. Katherine M. Cook and A. C. Monahan.
- No. 49. Medical inspection of schools in Great Britain. E. I. Roberts.
- o No. 50. State universities and State colleges.

* See note at top of p. 1.