LIST OF PUBLICATIONS
OF THE UNITED STATES
BUREAU OF EDUCATION
AVAILABLE FOR FREE DISTRIBUTION

SEPTEMBER, 1912

WASHINGTON
GOVERNMENT PRINTING OFFICE
1912
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EXPLANATORY NOTE.

This bulletin names and describes the publications of the Bureau of Education which, at the time of its compilation (September, 1912), are available for free distribution by this office. Requests for titles from this list will be filled as long as the publications desired continue in stock. Many publications of the bureau, which can no longer be supplied by this office, may be purchased from the Superintendent of Documents, Washington, and are named in his Price List 31, Government publications relating to education. For a complete record of publications of this bureau, 1867-1910, its Bulletin, 1910, No. 3, should be consulted.

Publications in the following list should be ordered by publication number, which precedes each main entry and is also given in parentheses after titles of reprints in the tables of contents of the reports. Separates of chapters or of sections of the reports should be requested by chapter number or by title. From the report for 1894-95 to that for 1911, inclusive, the commissioner's introduction and individual chapters listed can at present be supplied in separate form, except in cases indicated by an asterisk (*), which precedes sections and chapters not available for free distribution. No sections or chapters from reports prior to that for 1894-95 can be separately furnished, excepting reprints which are specifically mentioned in Part IV of this list.

Many of these publications are of great value to teachers, students of education, librarians, and people having a general interest in education and the improvement of public and private schools.
LIST OF PUBLICATIONS OF THE UNITED STATES BUREAU OF EDUCATION AVAILABLE FOR FREE DISTRIBUTION, SEPTEMBER, 1912.

I. ANNUAL STATEMENTS OF THE COMMISSIONER.

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II. ANNUAL REPORTS.


18. 1885-86 (Dawson) Washington, 1887. xxi, 792 p.


182. Same. V. 2, vi, 671-1659 p.

Special Section. Washington, 1891. 1 ix, 274 p.


185. 1890-91 (Harris) Washington, 1894. V. 1, xxx, 654 p. (not available as volume).


196. 1901-02 (Harris) Washington, 1902. V. 8, vi, 637-1724 p.

197. 1902-03 (Harris) Washington, 1903. V. 8, vi, 637-1724 p.


The following volumes are available:


ANNUAL REPORTS.

238. 1896-97 (Harriss) Washington, 1897. V. 1, ixxv, 955 p. (not available as volume).
239. Same. V. 2, vii, 1137-2390 p.

Contents: Volume 1. The following separates are available: The Commissioner's introduc-


ANNUAL REPORTS.


278. Same. V. 2, vii, 1217-2512 p.

PUBLICATIONS OF THE BUREAU OF EDUCATION.

Volume 1. 1898-1901. xx, 1176-2447 p.


* Not separately available.
ANNUAL REPORTS.

341. 1903 (Harris) Washington, 1905. V. 1, cxii, 1216 p.

342. Same. V. 2, viii, 4217-5112 p.


SAME. V. 2, viii, 1177-1220 p.

PUBLICATIONS OF THE BUREAU OF EDUCATION.

16. PUBLICATIONS OF THE BUREAU OF EDUCATION.


The following separate are available: The Commissioner's introduction, p. vii-xlvi. 1. W. T. Harris: The reports of the Mooney educational commission, p. 1-10. 2. Extracts from the report of the Mooney educational commission to the United States of America, October-December, 1905, p. 11-39. 3. Statement of proceedings instituted to execute the Rhodes scholarship trust, p. 4-45. 4. Education in France, p. 57-66. 5. J. C. Foster: English writers on education, extends from chapter 17, 1901, through chapters 10, 1902, and chapters 10, 1903, to its conclusion in chapter 8. Report for 1904.)


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PUBLICATIONS OF THE BUREAU OF EDUCATION.

17. Vols. of schools, p. 507-574.


479. Same. V. 2, xiii, 677-1407 p.


III. CIRCULARS OF INFORMATION, 1875, ONE VOLUME.


47. no. 2. Education in Japan. Washington, 1875. 64 p.

48. no. 3. An account of the systems of public instruction in Belgium, Russia, Turkey, Servia and Egypt. Washington, 1875. 108 p.


50. no. 5. Suggestions respecting the educational exhibit at the International centennial exhibition, 1876. Washington, 1875. 26 p.


52. no. 7. Constitutional provisions in regard to education in the several states of the American union, by Franklin Hough. Washington, 1875. 150 p.

53. no. 8. Schedule for the preparation of students' work for the Centennial exhibition, as reported by the committee of the Department of superintendence of the National educational association, appointed at Minneapolis in 1875. Washington, 1875. 15 p.
IV. PUBLICATIONS ON SPECIAL SUBJECTS.

[For additional material on these and other special topics, consult the index to this Bulletin, and the Index to the reports of the Commissioner of Education: 1867-1907, Bulletin, 1909, no. 7.]

1. AGRICULTURAL AND MECHANICAL COLLEGES.


Federal laws, regulations, and rulings affecting the land-grant colleges of agriculture and mechanical arts. Washington, 1911 13 p.

2. AGRICULTURAL EDUCATION.

417. Opportunities for graduate study in agriculture in the United States, by A. C. Monahan. Washington, 1912. 16 p. (Bulletin, 1911, no. 2.)

Undergraduate or collegiate courses in agriculture in the state colleges of agriculture in the United States. Prepared especially for foreign students. Washington, 1911. 13 p. (Supplement to Bulletin, 1911, no. 2.)

474. Agricultural education in secondary schools. Papers read at the second annual meeting of the American association for the advancement of agricultural teaching, Columbus, Ohio, November 14, 1911. Washington, 1912. 55 p. 8°. (Bulletin, 1912, no. 6.)


7. Recent publications of the Bureau of education on agricultural education.


3. ALASKA SCHOOL AND REINDEER SERVICE.


4. AMERICAN EDUCATIONAL HISTORY.

a. Series of Contributions.

## PUBLICATIONS OF THE BUREAU OF EDUCATION

103. **History of education in Florida**, by George Gary Bush. Washington, 1889. 54 p. illus. (Contributions to American educational history, no. 6—Circulars of information, 1888, no. 77.)


114. **The history of education in Delaware**, by Lyman P. Powell. Washington, 1898. 186 p. illus. (Contributions to American educational history, no. 15—Circulars of information, 1893, no. 3.)


117. **Higher education in Iowa**, by Leonard F. Parker. Washington, 1893. 190 p. illus. (Contributions to American educational history, no. 17—Circulars of information, 1893, no. 6.)

120. **History of higher education in Rhode Island**, by William Howe Tolman. Washington, 1894. 210 p. illus. (Contributions to American educational history, no. 18—Circulars of information, 1894, no. 1.)

243. **Higher education in Missouri**, by Marshall S. Snow. Washington, 1898. 161 p. (Contributions to American educational history, no. 21—Circulars of information, 1898, no. 2.)

244. **History of education in New Hampshire**, by George Gary Bush. Washington, 1898. 170 p. (Contributions to American educational history, no. 22—Circulars of information, 1898, no. 3.)


### b. Miscellaneous

140. **Statistics regarding national aid to education**, Washington, 1885. 3 p. Contains tables in which the whole amount proposed for distribution by the Little bill ($7,000,000) is apportioned to every state and territory according to the total illiterate population, the minor illiterate population, the total institutional population, and the wealth of each, as reported by the Tenth census.


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**Contents:**

1. Illiteracy in the United States and in Europe.
2. Industrial supervisors in Georgia.
3. New phase of education in Buffalo, N. Y. (Bulletin, 1912, no. 9.)
4. Vocational guidance in Great Britain. (Bulletin, 1912, no. 11.)
5. The educational museum of the St. Louis public schools.
6. The schools of the Netherlands in the seventeenth century. (Bulletin, 1912, no. 12.)
7. The schools of the Netherlands in the eighteenth century.
8. The schools of New Amsterdam.
10. The Latin school of New Amsterdam.
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5. ASSOCIATIONS AND CONGRESSES.


487. Current educational topics. No. II. Abstracts of papers presented at St. Louis, Mo., February 16-29, 1912, before the National council of education of the National education association, the Department of superintendent of the National education association, the Department of normal schools of the National education association, the National society for the study of education, the Society of college teachers of education, the National committee on agricultural education. Washington, 1912. 115 p. (Bulletin, 1912, no. 15.)

6. BARNARD’S AMERICAN JOURNAL OF EDUCATION.


7. BIBLIOGRAPHY OF EDUCATION.


416. Bibliography of science teaching, compiled by a committee of the American federation of teachers of the mathematical and the natural sciences. Washington, 1911. 27 p. (Bulletin, 1911, no. 1.)


Monthly record of current educational publications. Issued each month, except July to September. (Library circular, nos. 1-6, January-June; no. 7, October, 1912.) Numbers 1-5 are not available for distribution.

8. BUREAU OF EDUCATION: PUBLICATIONS AND WORK.


9. EDUCATION AND CRIME.

171. The fourth International prison congress, St. Petersburg, Russia, by C. D. Randall. Washington, 1891. 253 p. Illus. (Circulars of information, 1891, no. 2.)

Contains an introduction and summary of the three previous congresses. See also The fifth International prison congress, Report for 1894-96, chapter I, p. 309-70.
PUBLICATIONS OF THE BUREAU OF EDUCATION.

10. EDUCATIONAL METHODS.

    Contents: I. The discovery of the exceptional child.—II. Proportions of school populations composed of exceptional children.—III. The classification of exceptional children.—IV. Methods for determining the extent and degree of retardation in city school systems.—V. Provision for exceptional children in city school systems.—VI. Grading and promotion, with special reference to the needs of exceptional children.—VII. Descriptions of work done for exceptional children in American school systems.—VIII. The selection and training of teachers.


11. EDUCATIONAL VALUES.

    A discussion of the educative value of the several studies in elementary and secondary schools, and in colleges and universities.

12. FOREIGN SCHOOL SYSTEMS.

388. Education in Formosa, by Julian H. Arnold. Washington, 1908. 70 p. (Bulletin, 1908, no. 5.)
    Contents: I. Education under the Dutch (1624-1641).—II. Education under the Chinese (1691-1723 and 1833-1905).—III. Education under the Japanese (from 1868).—IV. Appendices: Missionary schools.


    Contents: I. Rise and progress of the controversy.—II. The questions at issue.

482. The educational system of China as recently reconstructed, by Harry Edwin King. Washington, 1911. 105 p. (Bulletin, 1911, no. 15.)
    Contents: I. The growth of modern education in China up to 1895.—II. Education from 1896 to 1908. Reforms and counter reforms.—III. Development of modern education from 1909 to 1911.—IV. Controlling agencies of the educational system.—V. Primary education.—VI. Middle schools, provincial colleges, and universities.—VII. Normal, technical, and miscellaneous schools.—VIII. Chinese students studying abroad.—Bibliography.

13. HIGHER EDUCATION.

179. Biological teaching in the colleges of the United States, by John P. Campbell. Washington, 1891. 183 p. (Circular of Information, 1891, no. 9.)
    Designed to be of value to all teachers of science, whether in colleges or secondary schools.

    Action taken by certain institutions toward reducing the grade requirements for the bachelor's degree, especially with reference to professional courses, together with a reprint of some of the discussions and a comparative statement showing the advance in admission requirements at Harvard University from 1843 to the present time.
PUBLICATIONS ON SPECIAL SUBJECTS.


Contents: I. The American college system.—II. College entrance requirements.—III. Expenses.—IV. The organization of Chinese students in the United States.—V. Suggestions and advice.—VI. Tables of universities and colleges, showing provision for Chinese students.—VII. References.


14. INDUSTRIAL AND TECHNICAL EDUCATION.

492. A review of the reports of the British royal commissioners on technical instruction, with notes, by Charles O. Thompson. Washington, 1885. 56 p. (Circulars of information, 1885, no. 3.)

A valuable contribution to the literature of technical instruction in Europe.


This volume is largely given to the history of the mechanics institutes and similar associations in the cities of the United States, and also includes accounts of modern institutes founded by individual classes.


Contains accounts of the typical manual training schools, of five leading technical mechanical schools, of some trade schools, of an educational experiment undertaken by the Baltimore and Ohio railroad in 1865-67, and of the schools of science and engineering of the land grant colleges of agriculture and the mechanical arts.


Contents: I. Introduction.—II. The federal government.—III. The States.—IV. Munipalities.—V. Private high schools and academies.—VI. Universities, colleges, and technological schools.—VII. Colleges for women.—VIII. Private art schools, etc.—IX. Summer schools.—X. Art museums and societies.—XI. Publications.—XII. Summary.—XIII. Statistical tables.—XIV. Bibliography.


Contents: I. Preparations for efficiency.—II. Efficiency and compensation.—III. Education in general.—IV. The training of specialists of railroad education.—V. Apprenticeship.—VI. Special preparation.—VII. The school—a function of the business.—VIII. Vocational railroad schools.—IX. High schools.—X. The correspondence school.—XI. Higher education for railroad careers.—XII. Schools of railroad engineering and administration.—XIII. Schools of railroad administration.—XIV. Summary.—XV. Appendices: A. Statistics of railroad apprenticeship. B. Educational and welfare work on European railroads.

15. LIBRARIES.


PUBLICATIONS OF THE BUREAU OF EDUCATION.


454. Examinations in mathematics other than those set by the teacher for his own classes. International commission on the teaching of mathematics. The American report, Committee no. VII. Washington, 1911. 72 p. (Bulletin, 1911, no. 10.)


17. PEACE MOVEMENT.


Contains bibliography, p. 45-46.
PUBLICATIONS ON SPECIAL SUBJECTS.

18. PROFESSIONAL EDUCATION.


This document describes legal education in North and South America, Europe, Australia, China and Japan. A bibliography is appended.


19. RESEARCH.


CONTENTS: I. Brief history. II. Administration versus education. III. Existing facilities for study and research. IV. Obstacles to student research. V. Conclusions. VI. Appendix.


CONTENTS: I. Functions of biological stations. II. Italy. III. France and Monaco. IV. Great Britain. V. Germany. VI. Austria-Hungary. VII. Scandinavia. VIII. Other European countries (Holland, Belgium, Spain, Finland, Russia, Bulgaria). Bibliography.

20. RETARDATION AND ELIMINATION.


21. RURAL EDUCATION.


CONTENTS: Back to the country—Our past educational experience—The Baltimore experiment—Growth of the movement—Outside influence of the plan—Organization and ownership—Location and equipment—Boarding or day school—Faculty and number of students—Term and daily program—Athletics—Expenses, tuition, etc.—Special features—Advantages of the country-school idea.

490. Teaching language through agriculture and domestic science, by M. A. Leiper. Washington, 1912. 30 p. (Bulletin, 1912, no. 18.)


492. The readjustment of a rural high school to the needs of the community, by H. A. Brown, district superintendent of schools, Colebrook, N. H. Washington, 1912. 31 p. (Bulletin, 1912, no. 20.)


22. SCHOOL ADMINISTRATION (STATE AND CITY).


CONTENTS: I. General explanation. II. Table of legislative sessions. III. Plan of classification. IV. Bibliography. V. Legislation relating to public education. VI. Recent decisions of state supreme courts.
26 PUBLICATIONS OF THE BUREAU OF EDUCATION.


The commission consisted of Elmer Ellsworth Brown, Ellwood P. Cubberley, and Calvin N. Kendall, assisted by Milic B. Hilleger and Harlan Updegraff.

455. Teachers' certificates issued under general state laws and regulations, by Harlan Updegraff. Washington, 1911. 269 p. (Bulletin, 1911, no. 18.)

The fundamental purpose of this study is to answer the question, What is the exact status of the legal provisions relating to certification of teachers in the various states at the present time?


CONTENTS: State reports.—Summary of recommendations relating to state reports.—City school reports: Teachers' salary table. Units of pub. Annual report of the superintendent of schools.—General information.—Pupil records.—Fiscal statistics: Definition of terms used in schedule for reporting statistics of cities. Receipts. Definitions of items in schedule for state systems, etc.


CONTENTS: Classification of tables.—General method of treatment.—Basal tables.—Percentage of total school expenses. —Method of using the percentage table.—Comparison of percentages of expense between groups of cities.—The average costs per pupil for certain special items of expense.—Method of using the average-cost tables.—Total school expenses as compared with population, etc.—Average cost per pupil of elementary and secondary schools.

23. SCHOOL ARCHITECTURE AND SANITATION.


CONTENTS: Location of the schoolhouse. —Foundations. —Basements. —The classroom. —Special rooms: laboratories, etc. —Floors of school buildings.—Blackboards. —Doors.—Chalkrooms. —Halls.—Stairways.—Latrines and urinals.—Baths.—Lighting and heating of schoolrooms.—Vents. —School architecture and school improvement. —References on school architecture and sanitation.


CONTENTS: The old-time schoolyard and its uses.—The new activities require a larger yard.—Location of the school building.—Vines.—Surfacing of school grounds.—A grass surface.—Brick.—Concrete.—Gravel and broken stone.—Timbers.—Satisfactory surfacing.—Keeping in condition.—Fencing.—Trees.—Equipment.—The sand box.—Seesaws.—The slide.—Swing.—The giant stride.—The horizontal bar.—Construction or purchase of equipment.—Equipment for games.—The use of the school yard.

24. SPELLING REFORM.


25. TEACHERS: TRAINING AND PROFESSIONAL STATUS.

404. The teaching staff of secondary schools in the United States, amount of education, length of experience, salaries, by Edward L. Thorndike. 60 p. (Bulletin, 1900, no. 4.)

CONTENTS: I. The nature of the data and sources of error.—II. The teaching staff of public secondary schools.—III. The teaching staff of private secondary schools.—IV. Men teachers and women teachers compared.—V. Tabular summary.—VI. Public and private secondary school teachers compared.—VII. The influence of length of experience upon efficiency in teaching.—VIII. The relation of length of experience to amount of salary in certain community groups.—IX. The relation of length of experience and of length of education to amount of salary in Ohio, Illinois, Wisconsin, Georgia, Texas, and California.—X. List of references on teachers' salaries.

Contents: Official teachers' gatherings—Teachers' institutes—Summer schools—Extension teaching—Correspondence study—Local teachers' meetings—Visiting days—County superintendents' conferences—Teachers' associations—Teachers' reading circles—Pupils' reading circles—Certification of teachers—Sabbatical years—Special funds for improvement of teachers—The merit system of promotion—Promotional examinations—Classroom efficiency and success grades—Measuring teachers' efficiency—Participation of teachers in the determination of educational policies.

26. UNIVERSITIES AND COLLEGES: STATISTICS.

[See also Higher education.]

397. Statistics of state universities and other institutions of higher education partially supported by the state, 1907-8. Washington, 1909. 15 p. (Bulletin, 1908, no. 8.)

468. Statistics of state universities and other institutions of higher education partially supported by the state, 1910-11. Washington, 1912. 23 p. (Bulletin, 1911, no. 19.)
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The various groups of publications are denoted by Roman numerals as follows: I. Annual reports. II. Circuits of Information—collected annual volumes. IV. Classified publications on special subjects. References under II arc to yearend to section or chapter number, as issued in table of contents (dwell report; under III to year and to number of circular; under IV to number of class and to publication number)

A.

Abnormal children. See Retarded children.


Addis, Willard, Agricultural and mechanical colleges, II, '97/98, 37; '97/98, 44; Bertillon system as a means of supressing the business of living by crime, II, '95/96; Comparative diagrams illustrating the statistics of professional education 1880-90, II, '89/90; '96, 97; Colleges endowed by Congress for the benefit of agriculture and the mechanic arts, II, '96, 10; Congress for the benefit of agriculture and the mechanic arts, II, '96, 77; Curriculum of the land-grant college, II, '96, 77; Digest of state laws, II, '93/94; Federal and state aid to establish higher education, II, '97/98, 23; Learned professions and social control, II, '97/98; Manual and industrial training, II, '99/00; Methods employed in the reformation of juvenile offenders, II, '98/99; Recent efforts in Europe for the advancement and improvement of agriculture, II, '99/00.


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