

BULLETIN *of* **THE UNIVERSITY OF KANSAS**

UNIVERSITY OF KANSAS **LIST OF PUBLICATIONS**

By
MARY MAUD SMELSER
Accessions Librarian



LIBRARY SERIES
No. 1



LAWRENCE, KANSAS
Published Semimonthly

VOL. 36

JUNE 15, 1935

No. 12

Entered as second-class matter December 29, 1910, at the post office at
Lawrence, Kan., under act of July 16, 1894

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This is the first list of all the known publications of the University of Kansas, catalogues excepted, and includes bulletins to January 1, 1935. Out-of-print publications are prefixed with an asterisk.

Correspondence regarding items should be sent to the department in charge of its publication.

All material sent in exchange from universities, institutions, learned societies and libraries should be addressed to Exchange Department, Library, University of Kansas, Lawrence, Kansas.

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I
UNIVERSITY BULLETINS

(5)

I

UNIVERSITY BULLETINS

*Vol. 1, No. 1, June 1, 1900.

Thirty-fourth annual catalogue of the University of Kansas, for the years 1899-1900.

Lawrence, Kansas. 1900. 253 p.

*Vol. 1, Nos. 2 to 4 (not published).

*Vol. 1, No. 5.

Special catalogue. Department of mining engineering. September, 1900.
(Bulletin of the department of mining engineering of the University of Kansas, for 1900-1901.)

Lawrence, Kansas. n.d. 21 p.

*Vol. 1, No. 6.

Twelfth biennial report of the board of regents and chancellor of the University of Kansas located at Lawrence. 1899-1900.

Topeka. State printer. 1900. 24 p.

*Vol. 1, No. 7.

Some facts concerning state universities. December, 1900.

Lawrence. 1900. 12 p.

Vol. 2, No. 1 (not published).

*Vol. 2, No. 2.

Thirty-fifth annual catalogue of the University of Kansas, for the year 1900-'01. June 1. 1901.

Lawrence, Kansas. 1901. 224 p.

*Vol. 2, No. 3.

School of pharmacy. Announcements for 1901-'02.

Lawrence, Kansas. June, 1901. 31 p.

*Vol. 2, No. 4.

School of law. Announcements for 1901-'02.

Lawrence, Kansas. July, 1901. (2) + 20 p.

*Vol. 2, No. 5.

School of medicine. Announcements for 1901-'02.

Lawrence, Kansas. July, 1901. 21 p.

Vol. 2, Nos. 6 and 7 (not published).

Vol. 2, No. 8.

Science bulletin, vol. 1, Nos. 1, 2, 3 and 4. (Continuation of Kansas University quarterly.)

February, 1902.

*Vol. 3, No. 1.

Thirty-sixth annual catalogue of the University of Kansas for the year 1901-1902. June 1, 1902.

Lawrence, Kansas. 1902. 230 p.

*Vol. 3, No. 2.

School of pharmacy. Announcements for 1902-'03.

Lawrence, Kansas. August, 1902. 27 p.

*Vol. 3, No. 3.

The school of law. Announcements for 1902-'03.

Lawrence, Kansas. August, 1902. 21 p.

*Vol. 3, No. 4.

School of medicine. Announcements for 1902-'03.

Lawrence, Kansas. August, 1902. 21 p.

*Vol. 3, No. 5.

The graduate school. Announcements for 1902-'03.

Lawrence, Kansas. August, 1902. 35 p.

Vol. 3, No. 6.

Science bulletin, vol. 1, Nos. 4, 5, 6, 7, 8 and 9.

September, 1902.

*Vol. 3, No. 7.

School of medicine. Bulletin of the department of anatomy.

Drawings of cross-sections of the human leg.

Lawrence, Kansas. 1903. 17 p.

Vol. 3, No. 8.

Science bulletin, vol. 1, Nos. 10, 11 and 12.

December, 1902.

*Vol. 3, No. 8.

First summer session, June 11 to July 22, 1903.

n.p. By the University. April, 1903. 40 p.

*Vol. 4, No. 1.

Thirty-seventh annual catalogue of the University of Kansas for the year 1902-'03. June 1, 1903.

Lawrence, Kansas. 1903. 248 p.

*Vol. 4, No. 2.

School of medicine. Announcements for 1903-'04.

Lawrence, Kansas. July, 1903. 23 p.

*Vol. 4, No. 3.

School of pharmacy. Announcements for 1903-'04.

Lawrence, Kansas. August, 1903. 27 p.

Vol. 4, No. 4.

The graduate school. Announcements for 1903-'04.

Lawrence, Kansas. August, 1903. 46 p.

- *Vol. 4, No. 5.
High-school manual. October, 1903.
Lawrence, Kansas. n.d. 28 p.
- Vol. 4, No. 6.
Science bulletin, vol. 2, Nos. 1, 2 and 3.
November, 1903.
- *Vol. 4, No. 6.
Handbook of Kansas libraries, 1902, edited by Carrie M. Watson and Edith M. Clarke.
Lawrence, Kansas. 1903. 108 p.
- *Vol. 4, No. 6.
High-school manual, No. V.
Submitted to the board of regents, November, 1908.
Topeka. State printing office. 1909. 90 p.
- Vol. 4, No. 7 (not published).
- Vol. 4, No. 8.
Science bulletin, vol. 2, Nos. 4, 5, 6, 7, 8 and 9.
November, 1903.
- Vol. 4, No. 9.
Science bulletin, vol. 2, Nos. 10, 11, 12, 13, 14 and 15.
June, 1904.
- *Vol. 4, No. 10.
Second summer session, June 9 to July 20, 1904.
Lawrence, Kansas. University. March, 1904. 34 p.
- *Vol. 4, No. 10a.
Facilities for special work. March, 1904.
Lawrence, Kansas. n.d. 7 p.
- *Vol. 4, No. 10b.
Courses in general business, banking, insurance, journalism, and domestic science.
Lawrence, Kansas. (1904.) 8 p.
- *Vol. 5, No. 1, Part 1.
College of liberal arts and sciences. Announcements for 1904-'05.
- *Vol. 5, No. 1, Part 2.
The school of law. Announcements for 1904-'05.
Lawrence, Kansas. n.d. 36 p.
- *Vol. 5, No. 1, Part 3.
The school of fine arts. Announcements for 1904-'05.
Lawrence, Kansas. n.d. 64 p.
- *Vol. 5, No. 1, Part 4.
The school of pharmacy. Announcements for 1904-'05.
Lawrence, Kansas. n.d. 45 p.

*Vol. 5, No. 1, Part 5.

The school of medicine. Announcements for 1904-'05.
Lawrence, Kansas. n.d. 40 p.

*Vol. 5, No. 1, Part 6.

Special catalogue of the school of engineering. Announcements for 1904-'05.
Lawrence, Kansas. n.d. 65 p.

*Vol. 5, No. 1, Part 7.

The graduate school. Announcements for 1904-'05.
Lawrence, Kansas. n.d. 83 p.

*Vol. 5, No. 1.

Thirty-eighth annual catalogue of the University of Kansas for the year
1903-'04, and announcements for the year 1904-'05.
Lawrence, Kansas. April, 1904. 371 p.

Vol. 5, No. 2 (not published).

*Vol. 5, No. 3.

High-school manual, No. II. October, 1904.
Lawrence, Kansas. n.d. 79 p.

*Vol. 5, No. 4.

Second edition. Third summer session, June 8 to July 19, 1905.
(Lawrence, Kansas.) By the University. December, 1904. 32 p.

Vol. 5, No. 5.

Alumni catalogue. February, 1905.
Lawrence, Kansas. n.d. 77 p.

*Vol. 6, No. 1.

Thirty-ninth annual catalogue of the University of Kansas for the year
1904-1905, and announcements for the year 1905-1906.
Lawrence, Kansas. April, 1905. 410 p.

Vol. 6, No. 1, Part 1.

The school of law. Announcements for 1905-'06.
Lawrence, Kansas. n.d. 39 p.

*Vol. 6, No. 1, Part 2.

The school of pharmacy. Announcements for 1905-'06.
Lawrence, Kansas. n.d. 49 p.

Vol. 6, No. 1, Part 3.

The school of fine arts. Announcements for 1905-'06.
Lawrence, Kansas. n.d. 66 p.

*Vol. 6, No. 1, Part 4.

Special catalogue of the school of engineering. Announcements for
1905-'06.
Lawrence, Kansas. June, 1905. 77 p.

*Vol. 6, No. 2.

The school of medicine. Announcements for 1905-'06.
Lawrence, Kansas. August, 1905. 48 p.

*Vol. 6, No. 2.

High-school manual, No. III. October, 1905. Lawrence, Kansas.
Topeka, Kansas. State printing office. 1905. 123 p.

Vol. 6, No. 2.

Science bulletin, vol. 3, Nos. 1, 2, 3, 4, 5 and 6.
October, 1905.

Vol. 6, No. 3.

Public speaking in the high school, with an appendix and book list.
Lawrence, Kansas.
(Topeka. State printing office. 1905.) 22 p.

*Vol. 6, No. 4.

Fourth summer session, June 7 to July 18, 1906. December, 1905.
Lawrence, Kansas. December, 1905. 34 p.

*Vol. 6, No. 5.

University views. March, 1906.
n.t.p. 32 p. Pl.

Vol. 6, No. 6.

List of pictures and books relating to the fine arts available for Kansas
study club.
Lawrence, Kansas. May, 1905. 33 p.

*Vol. 7, No. 1.

Fortieth annual catalogue of the University of Kansas for the year 1905-
1906, and announcements for 1906-'07.
Lawrence, Kansas. April, 1906. 474 p.

*Vol. 7, No. 1, Part 1.

Special catalogue of the school of engineering. Announcements for
1906-'07.
Lawrence, Kansas. n.d. 95 p.

Vol. 7, No. 1, Part 2.

The school of law. Announcements for 1906-'07.
Lawrence, Kansas. n.d. 56 p.

Vol. 7, No. 1, Part 3.

The school of fine arts. Announcements for 1906-'07.
Lawrence, Kansas. n.d. 80 p.

*Vol. 7, No. 1, Part 4.

The school of pharmacy. Announcements for 1906-'07.
Lawrence, Kansas. n.d. 56 p.

*Vol. 7, No. 1, Part 5.

The school of medicine. Announcements for 1906-'07.
Lawrence, Kansas. n.d. 88 p.

*Vol. 7, No. 2.

The school of medicine. Special announcement of the Eleanor Taylor Bell
Memorial Hospital and training school for nurses, at Rosedale, Kan.
For the school year 1906-'07. 14 + 1 p.

*Vol. 7, No. 3.

Lectures and addresses. Announcements for 1907.
Lawrence, Kansas. 10 p.

Vol. 7, No. 3.

Science bulletin, vol. 3, Nos. 7, 8, 9 and 10.
June, 1906.

*Vol. 7, No. 4.

Fifth summer session, June 6 to July 17, 1907.
Lawrence, Kansas. December, 1906. 36 p.

Vol. 7, No. 5.

Science bulletin, vol. 4, Nos. 1, 2, 3, 4, 5 and 6.
March, 1907.

*Vol. 7, No. 6.

The school of medicine.
Lawrence, Kansas. June, 1906. 46 p.

*Vol. 8, No. 1.

Some reasons for the study of economics in the high school.
Lawrence, Kansas. April, 1907. 11 p.

*Vol. 8, No. 1, Part 2.

Bulletin of information and announcements for 1907-'08.
Lawrence, Kansas. May, 1907. 16 p.

*Vol. 8, No. 2.

The school of medicine. Lawrence and Rosedale, Kansas.
Topeka. State printing office. 1907. 16 p.

*Vol. 8, No. 3.

Forty-first annual catalogue of the University of Kansas for the year 1906-
1907, and announcements for the year 1907-1908.
Lawrence, Kansas. April, 1907. 511 p.

*Vol. 8, No. 3, Part 1.

The school of engineering. Announcements for 1907-'08.
Lawrence, Kansas. n.d. 100 p.

Vol. 8, No. 3, Part 2.

The school of fine arts. Announcements for 1907-'08.
Lawrence, Kansas. n.d. (1) + 89 p.

*Vol. 8, No. 3, Part 3.

School of law announcements for 1907-'08.
Lawrence, Kansas. (1) + 56 p.

Vol. 8, No. 3, Part 4 (not published).

*Vol. 8, No. 3, Part 5.

The school of medicine. Announcements for 1907-'08.
Lawrence and Rosedale, Kansas. 52 p.

*Vol. 8, No. 4.

High-school manual, No. IV. August, 1907. Lawrence, Kansas.
(Topeka. State printing office. 1907.) 173 p.

Vol. 8, No. 5 (not published).

*Vol. 8, No. 6.

Sixth summer session, June 11 to July 22, 1908, and July 23 to August 12
Lawrence, Kansas. December, 1907. 47 p.

*Vol. 9, No. 1.

Forty-second annual catalogue of the University of Kansas for the year
1907-'08, and announcements for the year 1908-'09.
Lawrence, Kansas. April, 1908. 11 + 518 p.

*Vol. 9, No. 1, Part 1.

School of engineering. Announcements for 1908-'09.
Lawrence, Kansas. n.d. 112 p.

*Vol. 9, No. 1, Part 2.

School of fine arts. Announcements for 1908-'09.
Lawrence, Kansas. n.d. 96 p.

Vol. 9, No. 1, Part 3.

School of law announcements for 1908-'09.
Lawrence, Kansas. 64 p.

*Vol. 9, No. 1, Part 4.

School of pharmacy. Announcements for 1908-'09.
Lawrence, Kansas. n.d. 70 p.

*Vol. 9, No. 1, Part 5.

School of medicine. Announcements for 1908-'09.
Lawrence, Kansas. n.d. 104 p.

Vol. 9, No. 2.

Alumni catalogue. March, 1908.
Topeka. State printing office. 1908. 192 p.

*Vol. 9, No. 2.

(Bulletin 8, department of entomology.) Department of entomology. con-
tribution No. 137.

Hunter, S. J.: The green bug and its enemies.

Glenn, P. A.: Influence of climate on the green bug and its parasite.

Topeka. State printing office. 1909. 9 + 221 p. II. Pl.

Vol. 9, No. 3 (not published).

*Vol. 9, No. 4.

School of medicine. Clinical reports for the school year 1907-'08, with some announcements for the year 1908-'09. Lawrence, Kansas. Topeka. State printer. 1908. 64 p.

*Vol. 9, No. 5.

Science bulletin, vol. 4, Nos. 7-19 and 20. Zoölogy number. September, 1908.

Vol. 10, No. 1.

Report of the board of regents of the University of Kansas for the biennium ending June 30, 1909, with estimates for the biennium 1909-'11. Lawrence, Kansas. January, 1909. Topeka. State printer. 1908. 111 p.

*Vol. 10, No. 2.

University extension courses. Announcements for 1909. Lawrence, Kansas. March, 1909. 15 p.

*Vol. 10, No. 3, Part 1.

Forty-third annual catalogue of the University of Kansas, for the year 1908-'09, and announcements for the year 1909-'10. Lawrence, Kansas. 1909. 8 + 428 p.

*Vol. 10, No. 3, Part 2.

Seventh summer session. June 10 to July 21, and July 22 to August 11, 1909. Lawrence, Kansas. February, 1909. 53 p.

*Vol. 10, No. 3, Part 2.

School of medicine. Announcements for 1909-'10. Lawrence, Kansas. n.d. 89 p.

Vol. 10, No. 3, Part 3 (not published).

*Vol. 10, No. 3, Part 4.

School of engineering. Announcements for 1909-'10. Lawrence, Kansas. n.d. 100 p.

Vol. 10, No. 3, Part 5.

The school of law. Announcements for 1909-'10. Lawrence, Kansas. n.d. 59 p.

*Vol. 10, No. 3, Part 6.

School of pharmacy. Announcements for 1909-'10. Lawrence, Kansas. n.d. 64 p.

*Vol. 10, No. 3, Part 7.

School of fine arts. Announcements for 1909-'10. Lawrence, Kansas. n.d. 84 p.

- *Vol. 10, No. 3, Part 8.
Special catalogue of the graduate school. Announcements for 1909-'10.
Lawrence, Kansas. n.d. 104 p.
- *Vol. 10, No. 4.
High-school manual, No. VI. August, 1909.
Topeka, Kansas. State printing office. 1909. 39 p.
- *Vol. 10, No. 4, Part 2.
Courses in journalism. Announcements for 1909-'10.
Lawrence, Kansas. 32 p.
- *Vol. 10, No. 5.
School of medicine. Announcement of aims and policies of the school.
General information for prospective medical students.
Lawrence, Kansas. 1909. 16 p.
- *Vol. 11, No. 1; November, 1909.
Engineering bulletin No. 1.
Rice, Martin E.; McCollum, Burton: A ballistic electro dynamometer
method of measuring hysteresis loss in iron.
McCollum, Burton: Voltage regulation of alternators.
Lawrence, Kansas. University of Kansas. Engineering experiment station.
n.d. 23 p.
- *Vol. 11, No. 2.
University extension division. First annual bulletin of the correspondence-
study department. Announcement of courses and general information.
1909-'10.
Lawrence, Kansas. November, 1909. 63 p.
- *Vol. 11, No. 2, Part 1.
Social betterment series, No. 1. Extension division of the University of
Kansas. General information and welfare.
Blackmar, Frank W.: Playgrounds and parks.
Lawrence, Kansas. University (of Kansas). January, 1910. 12 p.
- *Vol. 11, No. 3.
Eighth summer session, June 9 to July 20, and July 21 to August 10, 1910.
Lawrence, Kansas. January, 1910. 43 + (1).
- *Vol. 11, No. 4.
High-school manual, No. VII.
Lawrence, Kansas. University of Kansas. January, 1910. 56 p.
- *Vol. 11, No. 5, February, 1910.
Forty-fourth annual catalogue of the University of Kansas for the year
1909-1910, and announcements for the year 1910-1911.
Lawrence, Kansas. April, 1910. 9 + 499 p.

*Vol. 11, No. 6, March, 1910.

Political science series, No. 1. Extension division of the University of Kansas. General information and welfare. Commission plan of city government. 30 p.

*Vol. 11, No. 7.

Science bulletin, vol. 5, Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 11. April, 1910.

*Vol. 11, No. 8, May, 1910.

Debating series No. 1. Extension division of the University of Kansas Debating and public discussion. Training for debating. Lawrence, Kansas. University. n.d. 48 p.

*Vol. 11, No. 9, June, 1910.

Announcements of the school of education, 1910-'11. Lawrence, Kansas. University. n.d. 35 p.

*Vol. 11, No. 10, July, 1910.

Debating series No. 2. Extension division of the University of Kansas Debating and public discussion. Announcement of the Kansas high school debating league for 1910-'11. Lawrence, Kansas. University. n.d. 45 p.

*Vol. 11, No. 11, August, 1910.

High-school manual No. 8. Department of school visitation of the University of Kansas. A laboratory guide for teachers and students in high schools. Lawrence, Kansas. (1910.) 63 p.

*Vol. 11, No. 12, September, 1910.

Lecture-study department. Extension division of the University of Kansas. Announcement of extension lecture courses and general information. Lawrence, Kansas. (1910.) 31 + (1).

*Vol. 12, No. 1, October, 1910.

Sayre, L. E.: An investigation of millet, with a view of determining the poisonous qualities, if any. Lawrence, Kansas. (1910.) 8 p.

Vol. 12, No. 2, November, 1910.

Report of the board of regents of the University of Kansas for the bien-nium ending June 30, 1911, with estimates for the biennium 1911-'13. Lawrence, Kansas. Topeka. State printing office. 1910. 51 p..

*Vol. 12, No. 3, December, 1910.

High-school manual No. 9. Department of school visitation of the University of Kansas. A high-school bulletin in English and mathematics. Lawrence, Kansas. University (of Kansas). n.d. 68 p.

*Vol. 12, No. 4, January, 1911.

Correspondence-study department. Extension division of the University of Kansas. Announcement of correspondence courses and general information.

Lawrence, Kansas. University (of Kansas). n.d. 60 + (2) p.

*Vol. 12, No. 5, January 15, 1911.

Ninth summer session of the University of Kansas. June 8 to July 19, and July 20 to August 9, 1911.

Lawrence, Kansas. (1911.) 48 p.

*Vol. 12, No. 6, February 1, 1911.

The graduate school. Catalogue 1910-'11.

Lawrence, Kansas. University of Kansas. n.d. 72 p.

*Vol. 12, No. 7, March 1, 1911.

Announcement of the school of education, 1911-'12.

Lawrence, Kansas. University of Kansas. n.d. 39 p.

*Vol. 12, No. 8, April, 1911.

Forty-fifth annual catalogue of the University of Kansas for the year 1910-1911, and announcements for the year 1911-1912.

Lawrence, Kansas. April, 1911. 8 + 518 p.

Vol. 12, No. 9 (not published).

Vol. 12, No. 10, April 1, 1911.

The school of law. Announcements for 1911-'12.

Lawrence, Kansas. University of Kansas. n.d. 21 p.

Vol. 12, No. 11, April 15, 1911.

School of engineering. Announcements for 1911-'12.

Lawrence, Kansas. University of Kansas. n.d. 63 p.

Vol. 12, No. 12 (not published).

*Vol. 12, No. 13, May 15, 1911.

The school of fine arts. Announcements for 1911-'12.

Lawrence, Kansas. University of Kansas. n.d. 48 p.

*Vol. 12, No. 14, June 1, 1911.

The school of medicine. Announcements for 1911-'12.

Lawrence, Kansas. University of Kansas. n.d. 46 p.

*Vol. 12, No. 15, September 1, 1911.

Debating series No. 3. Extension division of the University of Kansas.

Debating and public discussion. Announcement of the Kansas high-school debating league for 1911-1912.

Lawrence, Kansas. University. n.d. 63 p.

*Vol. 13, No. 1, October 1, 1911.

High-school manual No. 10, department of school visitation of the University of Kansas. Annual report on school visitation.

Lawrence, Kansas. n.p. (1911.) 63 p.

Vol. 13, No. 2, November 1, 1911.

Science bulletin, vol. 5, Nos. 12, 13, 14, 15, 16, 17, 18, 19, 20, 21.

Zoölogy number.

Vol. 13, No. 3, December 1, 1911.

Science bulletin, vol. 6, No. 1. Mathematics number.

*Vol. 13, No. 4, January 1, 1912.

Correspondence-study department. Extension division of the University of Kansas. Announcement of correspondence courses and general information.

Lawrence, Kansas. University of Kansas. n.d. 75 p.

*Vol. 13, No. 5, January 15, 1912.

Professional directory of administrators and teachers in accredited high schools of Kansas, issued by the school of education.

Lawrence, Kansas. University of Kansas. n.d. 47 p.

*Vol. 13, No. 6, February 1, 1912.

Tenth summer session of the University of Kansas, June 6 to July 17, and July 18 to August 7, 1912.

Lawrence, Kansas. (1912.) 47 + (1) p.

*Vol. 13, No. 7, February 15, 1912.

Announcements of the school of education, 1912-'13.

Lawrence, Kansas. University of Kansas. n.d. 38 p.

*Vol. 13, No. 8, March 1, 1912.

Announcements of the school of medicine, 1912-'13.

Lawrence, Kansas. University of Kansas. n.d. 40 p.

Vol. 13, No. 9, March 15, 1912.

Announcements of the school of fine arts, 1912-'13.

Lawrence, Kansas. University of Kansas. n.d. 45 p.

*Vol. 13, No. 10, April 1, 1911.

Forty-sixth annual catalogue of the University of Kansas for the year 1911-'12 and announcements for the year 1912-'13.

Lawrence, Kansas. 1912. (8) + 500 p.

Vol. 13, No. 11, April 15, 1912.

Announcement of the school of law, 1912-'13.

Lawrence, Kansas. University of Kansas. n.d. 18 p.

*Vol. 13, No. 12, May 1, 1912.

Lecture-study department. Extension division of the University of Kansas.

Announcement of extension lecture courses and general information.

Lawrence, Kansas. University of Kansas. n.d. 39 p.

*Vol. 13, No. 13, May 15, 1912.

Announcements of the school of engineering, 1912-'13.
Lawrence, Kansas. University of Kansas. n.d. 55 p.

Vol. 13, No. 14, June 1, 1912.

Announcements of the graduate school, 1912-'13.
Lawrence, Kansas. University of Kansas. n.d. 63 p.

Vol. 13, No. 15, June 15, 1912.

Announcements of the school of pharmacy, 1912-'13.
Lawrence, Kansas. University of Kansas. n.d. 33 p.

*Vol. 13, No. 16, July 1, 1912.

Engineering bulletin No. 2.
Walker, P. F.: Natural gas; its properties, its domestic use, and its measurement by meters.
Lawrence, Kansas. University engineering experiment station. n.d. 38 p.

Vol. 13, No. 17 (not published).

*Vol. 13, No. 18, September 1, 1912.

Debating series No. 4. Extension division of the University of Kansas.
Debating and public discussion. Announcements of the Kansas high-school debating league for 1912-'13.
Lawrence, Kansas. University. n.d. 63 p.

Vol. 14, No. 1, October 1, 1912.

Humanistic studies, vol. 1, No. 1.
Croissant, DeWitt C.: Study in the work of Colley Cibber.
Lawrence. University. October, 1912. (6) + 69 p.

Vol. 14, No. 2, November 1, 1912.

Report of the board of regents of the University of Kansas, for the biennial period ending June 30, 1912.
Lawrence, Kansas. University of Kansas. n.d. 39 p.

*Vol. 14, No. 3, December 1, 1912.

Report of the work of the Bell Memorial Hospital at Rosedale, Kansas, from October 23, 1911, to October 23, 1912.
Lawrence, Kansas. University of Kansas. n.d. 24 p.

*Vol. 14, No. 4, January 1, 1913.

Correspondence-study department. Extension division of the University of Kansas. Announcement of correspondence courses and general information.
Lawrence, Kansas. University of Kansas. n.d. 75 p.

*Vol. 14, No. 5, January 15, 1913.

Engineering bulletin No. 3.
Walker, P. F.: Bohnstengel, Walter: Kansas fuels: coal, oil, gas. Heating values and proximate analysis of coal.
Bohnstengel, Walter: Discussion of sulphur content of bituminous coal.
Lawrence, Kansas. University of Kansas. n.d. 40 p. Table. Map.

Vol. 14, No. 6, February 1, 1913.

School of education. Professional directory of administrators and teachers in accredited high schools of Kansas.

Topeka. State printing office. 1913. 155 p.

Vol. 14, No. 7, February 15, 1913.

Catalogue of the summer session, University of Kansas, 1913.

Lawrence, Kansas. February 15, 1913. 47 p.

*Vol. 14, No. 8, March 1, 1913.

Forty-seventh annual catalogue of the University of Kansas for the year 1912-'13, and announcements for the year 1913-'14.

Lawrence, Kansas. April, 1913. 8 + 526 p.

*Vol. 14, No. 9, March 15, 1913.

Announcements of the school of pharmacy, 1913-'14.

Lawrence, Kansas. University of Kansas. n.d. 38 p.

Vol. 14, No. 10, April 1, 1913.

Announcements of the school of education, 1913-'14.

Lawrence, Kansas. University of Kansas. 40 p.

Vol. 14, No. 11, April 15, 1913.

School of engineering. Announcements for 1913-'14.

Lawrence, Kansas. University of Kansas. n.d. 79 p.

Vol. 14, No. 12, May 1, 1913.

Announcements of the school of medicine, 1913-'14.

Lawrence, Kansas. University of Kansas. n.d. 40 p.

Vol. 14, No. 13, May 15, 1913.

Announcements of the school of fine arts, 1913-'14.

Lawrence, Kansas. University of Kansas. n.d. 48 p.

*Vol. 14, No. 14, June 1, 1913.

Announcements of the graduate school, 1913-'14.

Lawrence, Kansas. University of Kansas. n.d. 70 p.

Vol. 14, No. 15, June 15, 1913.

Announcements of the school of law, 1913-'14.

Lawrence, Kansas. University of Kansas. n.d. 23 p.

Vol. 14, No. 16, July 1, 1913.

Science bulletin, vol. 6, Nos. 2, 3, 4, 5, 6, 7.

*Vol. 14, No. 17, August 1, 1913.

Debating series, No. 5. Extension division of the University of Kansas.

Debating and public discussion. Announcements of the Kansas high-school debating league, 1913-'14.

Lawrence, Kansas. University. n.d. 64 p.

*Vol. 14, No. 18, September 1, 1913.

(Bulletin 9 of the department of entomology.) Report of results of University research commission on horse plague. (By S. J. Hunter, A. L. Skoog, W. K. Trimble, N. P. Sherwood.)

Lawrence, Kansas. University of Kansas. n.d. 15 p.

*Vol. 15, No. 1, October, 1913.

Engineering bulletin No. 4.

Shaad, George C.; Walker, P. F.: Part 1—The organization and work of the engineering experiment station of the University of Kansas. Part 2—Vocational education in Kansas, with courses of study now offered by the University school of engineering. University engineering experiment station, Lawrence, Kansas.

(Topeka, Kansas. State printer, 1914.) (2) + 23 + (3) + 4 + 23 p. II.

*Vol. 15, No. 1, October, 1913.

Engineering bulletin No. 4; part II (issued as a separate). Announcement of vocational industrial courses for home study, offered by the school of engineering through the university extension division. University engineering experiment station, Lawrence, Kansas.

(Topeka. State printer, 1914.) (2) + 23 p.

Vol. 15, No. 2, November 1, 1913.

Science bulletin, vol. 7, Nos. 1-17.

Lawrence, University. 1913.

*Vol. 15, No. 3, December 1, 1913.

Political science series, No. 2. Extension division of the University of Kansas. Debating and public discussion. Recall of judges. 50 p.

Vol. 15, No. 4, January 1, 1914.

Humanistic studies, vol. 1, No. 2.

Mitchell, Arthur: Studies in Bergson's philosophy.

Lawrence, University. January, 1914. 115 p.

*Vol. 15, No. 5, January 15, 1914.

Correspondence-study department. Extension division of the University of Kansas. Announcement of correspondence courses and general information.

Topeka, Kansas. State printer. 1914. 80 p.

Vol. 15, No. 6, February 1, 1914.

Alumni catalogue. February 1, 1914.

Topeka. State printing office. 1914. 175 p.

Vol. 15, No. 7, February 15, 1914.

Catalogue of the summer session. University of Kansas, 1914. Lawrence, Kansas.

Topeka. State printer. 1914. 46 p.

- *—, March 1, 1914.
Announcements of the school of education, 1914-'15. Lawrence, Kansas.
Topeka. State printer. 1914. 34 p.
- *—, March 1, 1914.
Announcements of the school of fine arts, 1914-'15.
Topeka. State printer. 1914. 46 p.
- *—, March 1, 1914.
Announcements of the graduate school, 1913-'14. Lawrence, Kansas.
Topeka. State printer. 1914. 69 p.
- *—, March 1, 1914.
Announcements of the school of law, 1914-'15. Lawrence, Kansas.
Topeka. State printer. 1914. 19 p.
- *—, March 1, 1914.
Announcements of the school of medicine, 1914-'15. Lawrence, Kansas.
Topeka. State printer. 1914. 46 p.
- *—, March 1, 1914.
Announcements of the school of pharmacy, 1914-'15. Lawrence, Kansas.
Topeka. State printer. 1914. 29 p.
- *Vol. 15, No. 8, March 1, 1914.
Forty-eighth annual catalogue of the University of Kansas for the year
1913-'14, and announcements for the year 1914-'15.
Lawrence, Kansas. April, 1914. 8 + 558 p.
- Vol. 15, No. 9, March 15, 1914.
Science bulletin, No. 8, Nos. 1-10. Entomology number.
Lawrence. University. 1914.
- Vol. 15, Nos. 10 to 12 (not published).
- Vol. 15, No. 13, May 15, 1914.
Humanistic studies, vol. 1, No. 3.
Hogrefe, Pearl: Browning and Italian art and artists.
Lawrence. University. May, 1914. 78 p.
- Vol. 15, No. 14 (not published).
- *Vol. 15, No. 15, June 15, 1914.
University extension series, vol. 1, No. 1. Lectures delivered at the mer-
chants' week, held at the University of Kansas, May 5, 6, 7, 1914.
Topeka. State printer. 1914. 160 p.
- Vol. 15, No. 16, July 1, 1914.
Josselyn, Homer Walker: Survey of accredited high schools and profes-
sional directory.
Topeka. State printer. 1914. 252 p.
- *Vol. 15, No. 17, August 1, 1914.
University extension series, vol. 1, No. 3. University extension division of
the University of Kansas. Department of general information. 12 p.

*Vol. 15, No. 18, September 1, 1914.

University extension series, vol. 1, No. 2. Extension division of the University of Kansas. Debating and public discussion. Announcement of the Kansas high school debating league, for 1914-1915.

(Topeka. State printer. 1914.) 55 p.

Vol. 16, No. 1, October 1, 1914.

Report of the medical work of the University of Kansas, from July 1, 1913, to July 1, 1914.

Lawrence. University of Kansas. n.d. 32 p.

*Vol. 16, No. 2, November 1, 1914.

Child welfare department. University extension division of the University of Kansas.

McKeever, W. A.: Constructive juvenile effort in Kansas.

Topeka. State printer. 1915. 37 p.

† The state law and the University rules for the examination of candidates for the certificate of certified public accountant.

Topeka. State printer. 1915. 10 p.

Vol. 16, No. 3 (not published).

Vol. 16, No. 4, January 1, 1915.

Humanistic studies, vol. 1, No. 4.

Cressman, Edmund D.: The semantics of -mentum, -bulum, and -culum.

Lawrence. University. January, 1915. 56 p.

Vol. 16, No. 5, September 15, 1915.

Science bulletin, vol. 9.

Lawrence. University. 1915.

Vol. 16, No. 6, February 1, 1915.

Catalogue of the summer session. University of Kansas. 1915. Lawrence, Kansas.

Topeka. State printer. 1915. 45 p.

*Vol. 16, No. 7, February 15, 1915.

Lectures delivered at the merchants' week held at the University of Kansas, February 1, 2, 3, 4, 1915. Auspices University extension.

Topeka. State printer. 1915. (83 p.)

Vol. 16, No. 8, March 1, 1915.

Annual catalogue, 1914-1915.

Lawrence. n.d. 481 p.

Vol. 16, No. 8, March 1, 1915.

Annual catalogue. 1914-1915. Graduate school. Section II. 43 p.

*Vol. 16, —, March 1, 1915.

1914-1915. Annual catalogue. College. Section III. 72 p.

† No volume or number.

Vol. 16, No. 8, March 1, 1915.

Annual catalogue. 1914-1915. Engineering school. Section IV. 55 p.

Vol. 16, No. 8, March 1, 1915.

Annual catalogue. 1914-1915. School of fine arts. Section V. 35 p.

Vol. 16, No. 8, March 1, 1915.

Annual catalogue. 1914-1915. School of law. Section VI. 16 p.

*Vol. 16, No. 8, March 1, 1915.

Annual catalogue. 1914-1915. School of pharmacy. Section VII.
(2) + 20 p.

*Vol. 16, No. 8, March 1, 1915.

Annual catalogue. 1914-1915. School of Education. Section IX. 23 p.

Vol. 16, No. 8, March 1, 1915.

Annual catalogue. 1914-1915. Special activities. Section XII. 23 p.

Vol. 16, No. 8, March 1, 1915.

Annual catalogue. 1914-'15. Degrees conferred. Section XIII. 48 p.

*Vol. 16, No. 9, March 15, 1915.

Engineering bulletin No. 6. Kansas fuels; coal, oil, gas.

Walker, P. F.; Bohnstengel, Walter: Part 1—Heating values and proximate analysis of coal. (Reprint.)

Brown, H. R.; Carpenter, C. B.: Supplement.

Bohnstengel, Walter: Part II—Discussion of sulphur content of bituminous coal. (Reprint.)

Young, C. M.: Part III—Economic effects of washing coal from the state mine.

Lawrence. (University of Kansas engineering experiment station.) n.d.
50 p. Table. Map.

*Vol. 16, No. 10, April 1, 1915.

Engineering bulletin No. 5.

Haskins, C. A.: Water supplies of Kansas.

Young, C. C.: Part 1—Ground water supplies.

University engineering experiment station. Lawrence, Kansas.

(Topeka. State printer. 1915.) 187 p. Pl.

*Vol. 16, No. 11, April 15, 1915.

Correspondence-study courses. University extension division.

Lawrence, Kansas. University of Kansas. n.d. 64 p.

*Vol. 16, No. 12, May 1, 1915.

University extension division. Lectures, lecture courses, concerts.

Topeka. State printer. 1915. 31 p.

Vol. 16, Nos. 13 to 16 (not published).

*Vol. 16, No. 17, August 1, 1915.

Announcement Kansas high-school debating league, 1915-'16. University extension division.

University of Kansas. 35 p.

- *Vol. 16, No. 18, September 1, 1915.

Second annual report of the state board of administration to the governor of Kansas. State educational institutions of Kansas. Period ending June 30, 1915.

Topeka. State printer. 1915. 16 p.

- *Vol. 17, No. 1, January 1, 1916.

(Mammals.)

- *Vol. 17, No. 2, January 15, 1916.

(Coffee bulletin.)

- Vol. 17, No. 3, February 1, 1916.

Catalogue of the summer session. University of Kansas. 1916. Lawrence, Kansas.

Topeka. State printer. 1916. 44 p.

- Vol. 17, No. 3, February.

Catalogue of the summer session. University of Kansas. 1917. Lawrence, Kansas.

Topeka. State printer. 1917. 45 p.

- *Vol. 17, No. 3, March 1, 1916.

Annual catalogue. 1915-1916. The College. Section III.

- *Vol. 17, No. 3, March 1, 1916.

Annual catalogue. 1915-1916. School of fine arts. Section V. 34 p.

- *Vol. 17, No. 4, March 1, 1916.

Annual catalogue. 1915-1916. School of engineering. Section IV. 52 p.

- Vol. 17, No. 5, March 1, 1916.

Annual catalogue. 1915-1916. General information. Section I. 53 p.

- *Vol. 17, No. 5, March 1, 1916.

Annual catalogue. 1915-1916. Graduate school. Section II. 46 p.

- Vol. 17, No. 5, March 15, 1916.

Annual catalogue. 1915-1916.

Lawrence, Kansas. n.d. v.p.

- *Vol. 17, No. 6, March 1, 1916.

Annual catalogue. 1915-1916. School of law. Section VI. 14 p.

- *Vol. 17, No. 7, March 1, 1916.

Annual catalogue. 1915-1916. School of Pharmacy. Section VII. 18 p.

- *Vol. 17, No. 8, March 1, 1916.

Annual catalogue. 1915-1916. The school of medicine. Section VIII. 25 p.

- *Vol. 17, No. 8, April 15, 1916.

Engineering bulletin, No. 7. Division of state chemical research. Bulletin No. 1.

Schwab, James W.: Removal of iron from municipal water supplies.

Lawrence, Kansas. University of Kansas engineering experiment station.

n.d. (2) + 41 + (1) p. Il.

*Vol. 17, No. 9, March 1, 1916.

Annual catalogue. 1915-1916. School of education. Section IX. 15 p.

Vol. 17, No. 9, May 1, 1916.

Humanistic studies, vol. 2, No. 1.

Osborne, Edna: Oriental diction and theme in English verse, 1740-1840.

Lawrence. University. May, 1916. 142 p.

*———. Annual catalogue. 1915-1916.

University extension division. Section XI. 24 p.

Vol. 17, No. 11, June 1, 1916.

Engineering bulletin No. 8.

Shaad, Geo. C., and Johnson, C. A.: The measurement of electrical energy, electricity meters, rates for electrical energy. Lawrence, Kansas. University engineering experiment station.

(Topeka, Kansas. State printer. 1916.) 93 p. II.

*Vol. 17, No. 11, June 1, 1916.

University extension division. Correspondence-study courses. 59 p.

*Vol. 17, No. 12, March 12, 1916.

Annual catalogue. 1915-1916. The division of athletics, libraries, museums, publications, state service work, university surveys. Section XII. 16 p.

*Vol. 17, No. 13, March 1, 1916.

Annual catalogue. 1915-1916. Degrees conferred, etc. Section XIII. 51 p.

Vol. 17, No. 14 (not published).

*Vol. 17, No. 15, November 1, 1916.

Report of the medical work of the University of Kansas, from July 1, 1915, to July 1, 1916. Lawrence, University of Kansas.

(Topeka. State printer. 1916.) 12 p.

Vol. 17, No. 16 (not published).

*Vol. 17, No. 17, August 1, 1916.

Announcement Kansas high-school debating league for 1916-'17. University extension division. University of Kansas.

(Topeka. State printer. 1916.) 23 p.

Vol. 17, No. 18, December 1, 1916.

Humanistic studies, vol. 2, No. 2.

Putnam, George E.: The land credit problem.

Lawrence. University. December, 1916. 107 p.

*Vol. 18, No. 1, October, 1917.

Biological series. Bulletin of the department of entomology, No. 11. Studies in Kansas insects.

(Claassen, P. W.): Grasshoppers of Kansas, part 1.

(Beamer, R. H.): Grasshoppers of Kansas, part 2.

(Kennedy, C. H.): Dragonflies of Kansas.

(Lawson, P. B.): Scale insects injurious to fruit and shade trees.

(Wellhouse, W. H.): Spring cankerworm and its control.
Topeka. State printer. 1917. 329 p. II. Pl. Map.

Vol. 18, No. 2, January 15, 1917.

Science bulletin, vol. 10, Nos. 1 to 15.
Lawrence, Kansas. n.d.

Vol. 18, March 15, 1917.

Annual catalogue. 1916-1917.
Topeka. State printer. 1917. 448 p.

Vol. 18, Nos. 3 to 7 (not published).

Vol. 18, No. 8, March 15, 1917.

Annual catalogue. 1916-1917. School of medicine. Section VIII.
Topeka. State printer. 1917. 23 p.

Vol. 18, Nos. 9 and 10 (not published).

*Vol. 18, No. 11, June 1, 1917.

University extension division. Correspondence-study courses. 50 p.

Vol. 18, Nos. 12 and 13 (not published).

*Vol. 18, No. 14, August 1, 1917.

Announcement Kansas high-school debating league 1917-1918. University
extension division. University of Kansas. 32 p.

Vol. 18, Nos. 15 to 17 (not published).

*Vol. 18, No. 18, December 1, 1917.

Engineering bulletin No. 9. Division of state chemical research, W. A.
Whitaker, director; bulletin No. 2.
Veatch, F. M.; Evans, H. P.; Jackson, L. E.: Sewage disposal in Kansas.
Topeka. State printer. 1918. 168 p. Pl. Map.

*Vol. 19, No. 1, January 1, 1918.

Engineering bulletin No. 11. Division of state chemical research, W. A.
Whitaker, director; bulletin No. 3.
Allen, H. C.; Lyder, E. E.: A chemical survey of the natural gasses of
Kansas and Oklahoma.
Topeka. State printer. 1919. 101 p.

Vol. 19, No. 2, March 1, 1918.

Annual catalogue. 1917-1918.
Topeka. State printer. 1918. 463 p.

*Vol. 19, No. 2, March 1, 1918.

General catalogue. 1917-1918. School of medicine. Section VIII.
Topeka. State printer. 1918. 27 p.

*Vol. 19, No. 3, February 1, 1918.

Catalogue of the summer session. University of Kansas. 1918. Lawrence,
Kansas.
Topeka. State printer. 1918. 43 p.

Vol. 19, Nos. 4 to 10 (not published).

*Vol. 19, No. 11, June 1, 1918.

University extension division. Correspondence-study courses. 52 p.

Vol. 19, No. 12, June 15, 1918.

Engineering bulletin No. 10.

Johnson, F. Ellis: The present development of transmission lines in Kansas; with appendix; the calculation of iron wire lines.

Lawrence, Kansas. University experiment station.

(Topeka. State printer. 1918.) 53 p. Il. Map.

Vol. 19, No. 13 (not published).

*Vol. 19, No. 14, August 1, 1918.

Announcement Kansas high-school debating league, 1918-'19. University extension division. University of Kansas.

Topeka. State printer. 1918. 32 p.

Vol. 20, Nos. 1 and 2 (not published).

Vol. 20, No. 3, February 1.

Catalogue of the summer session. University of Kansas. 1919. Lawrence, Kansas.

Topeka. State printer. 1919. 39 p.

Vol. 20, No. 4 (not published).

Vol. 20, No. 5, March 1, 1919.

Annual catalogue. 1918-1919.

Topeka. State printer. 1919. 486 p.

Vol. 20, Nos. 6 to 10 (not published).

*Vol. 20, No. 11, June 1, 1919.

University extension division. Correspondence-study courses. 52 p.

Vol. 20, No. 12, June 15, 1919.

Social survey series, No. 5. Armourdale, a city within a city. University extension division.

Topeka. State printer. 1919. 91 p.

Vol. 20, No. 13 (not published).

*Vol. 20, No. 14, August 1, 1919.

Announcement Kansas high-school debating league, 1919-1920. University extension division. University of Kansas.

Journalism press. 39 p.

Vol. 21, Nos. 1 and 2 (not published).

Vol. 21, No. 3, February, 1920.

Catalogue summer session, 1920. University of Kansas. Lawrence, Kansas.

Topeka. State printer. 1920. 41 p.

Vol. 21, No. 4 (not published).

Vol. 21, No. 5, March 1, 1920.

Annual catalogue. 1919-1920.

Topeka. State printer. 1920. 492 p.

Vol. 21, No. 6, March 15, 1920.

Science bulletin, vol. 12, Nos. 1 and 2.

Lawrence, Kansas.

Vol. 21, Nos. 7 to 9 (not published).

Vol. 21, No. 10, May 15, 1920.

Science bulletin, vol. 13, Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9.

Lawrence, Kansas.

Vol. 21, No. 10, Part II, July, 1922.

Science bulletin, vol. 13, Nos. 10, 11, 12, 13, 14, 15.

Lawrence, Kansas.

Vol. 21, Nos. 11 to 14 (not published).

*Vol. 21, No. 15, September 1, 1920.

Announcement high-school debating league, 1920-'21. University extension division, the University of Kansas.

Journalism press. 39 p.

*Vol. 21, No. 15, October 1, 1920.

University extension division. Correspondence-study courses.

(Topeka. State printer. 1920.) 53 p.

*Vol. 21, No. 15, September 1, 1921.

Announcement Kansas high-school debating league, 1921-'22. University extension division. University of Kansas.

Topeka. State printer. 1921. 24 p.

Vol. 21, No. 16 (not published).

*Vol. 21, No. 17, November 1, 1919.

Annual catalogue. 1919-1920. School of fine arts.

Topeka. State printer. 1920. 37 p.

Vol. 21, No. 17, December 1, 1919.

Science bulletin, vol. 11. Lawrence, Kansas. The University.

(Topeka. State printer. 1920.)

Vol. 22, Nos. 1 to 4 (not published).

Vol. 22, No. 5, Part I, March 1, 1921.

Annual catalogue. 1920-1921. General information. Section I.

Topeka. State printer. 1921. 91 p.

Vol. 22, No. 5, Part II, March 1, 1921.

Annual catalogue. 1920-1921. Description of course of study. Section II.

Topeka. State printer. 1921. 130 p.

Vol. 22, No. 5, Part III, March 1, 1921.

Annual catalogue. 1920-1921. Officers of instruction, degrees granted, roster of students, statistics. Section III.

Topeka. State printer. 1921. 97 p.

Vol. 22, No. 5, Part IV, March 1, 1921.

Annual catalogue. 1920-1921. School of fine arts.

Topeka. State printer. 1921. 32 p.

Vol. 22, No. 6 (not published).

Vol. 22, No. 7, April, 1921.

Catalogue summer session, 1921. University of Kansas. Lawrence, Kansas.

Topeka. State printer. 1921. 37 p.

Vol. 22, No. 7, March, 1922.

Catalogue summer session, 1922. University of Kansas. Lawrence, Kansas.

Topeka. State printer. 1922. 35 p.

Vol. 22, Nos. 8 to 14 (not published).

*Vol. 22, No. 15, September, 1921.

Extension division of the University of Kansas.

Brick, Adolph: The contest oration.

Topeka. State printer. 1921. 8 p.

Vol. 22, No. 16 (not published).

Vol. 22, No. 17, November 1, 1921.

Humanistic studies, vol. 2, No. 3.

Malin, James C.: Indian policy and Westward expansion.

Lawrence. University. November, 1921. 108 p.

Vol. 22, No. 18, December 1, 1921.

Humanistic studies, vol. 2, No. 4.

Barnes, Nellie: American Indian verse.

Lawrence. University. December, 1921. 63 p.

Vol. 22, No. 18, December 1, 1921.

O'Brien, F. P., and Smart, T. J.: Schooling in one-teacher schools.

University extension division.

Lawrence, Kansas. (2) + 14 p.

Vol. 23, No. 1, January 1, 1922.

School survey of Lawrence, Kansas. University extension division.

Topeka. State printer. 1922. 100 p.

Vol. 23, No. 2, January 15, 1922.

Inauguration of Ernest Hiram Lindley as chancellor of the University of Kansas. Lawrence, June the seventh, 1921.

(Topeka. State printer. 1922.) 73 p.

*Vol. 23, No. 3, February 1, 1922.

Preliminary announcement of the summer session, 1922.

Lawrence, Kansas.

Vol. 23, No. 4, February 15, 1922.

Alumni catalogue. February 15, 1922.

(Lawrence, Kansas. 1922.) 261 p.

Vol. 23, Nos. 5 and 6 (not published).

*Vol. 23, No. 7, April 1, 1922.

Catalogue summer session, 1922. University of Kansas.

Lawrence, Kansas.

Vol. 23, No. 8 (not published).

Vol. 23, No. 9, Part I, May 1, 1922.

Annual catalogue. 1921-1922. General information. Section I.

Topeka. State printer. 1922. 96 p.

Vol. 23, No. 9, Part II, July 1, 1922.

Annual catalogue. 1921-1922. Announcement of courses. Section II.

Topeka. State printer. 1922. pp. 97-238.

Vol. 23, No. 10, May 15, 1922.

When you come to K. U. 24 p.

*Vol. 23, No. 10, October 1, 1922.

University extension division. Correspondence-study courses.

Topeka. State printer. 1922. 49 p.

*Vol. 23, No. 11, June 1, 1922.

Bulletin. School of fine arts.

(Topeka. State printer. 1922.) 32 p.

*Vol. 23, No. 11, Part II, August 1, 1922.

Annual catalogue. 1921-1922. Roster of faculty, students and graduates.
Section III.

Topeka. State printer. 1922. pp. 241-333.

*Vol. 23, No. 11, October 1, 1922.

Announcement Kansas high-school debating league, 1922-'23. University
extension division. University of Kansas.

Topeka. State printer. 1922. 22 p.

*Vol. 23, No. 11, October 1, 1923.

Announcement Kansas high-school debating league, 1923-'24. University
extension division. The University of Kansas.

Topeka. State printer. 1923. 29 p.

*Vol. 23, No. 12, June 15, 1922.

Engineering bulletin No. 12.

Walker, P. F.: Industrial development of Kansas, section I.

Lawrence, Kansas. University engineering experiment station.

Topeka. State printer. 1922. 55 p. II. Maps.

*Vol. 23, No. 12, June 15, 1922.

Engineering bulletin No. 12.

Walker, P. F.: Industrial development of Kansas, section II. Industrial map section.

Lawrence, Kansas. University engineering experiment station.

Topeka. State printer. 1922. 52 p. Maps.

Vol. 23, Nos. 13 to 17 (not published).

Vol. 23, No. 18, December, 1922.

Science bulletin, vol. 14, Nos. 1-21. Entomology number 5.

Lawrence, Kansas. University. 1922.

Vol. 23, No. 18, December 15, 1922.

Twenty-ninth biennial report of the University of Kansas. Lawrence, Kansas. For the two years ending June 30, 1922.

Topeka. State printer. 1922. 63 p.

Vol. —, No. —, 1923.

Catalogue summer session, 1923. University of Kansas. Lawrence, Kansas.

Topeka. State printer. 1923. 29 p.

*Vol. 24, No. 1, January 1, 1923.

Kansas studies in education, vol. 1, No. 1, January 1, 1923.

O'Brien, F. P.; Smart, T. J.: The Shawnee-Mission rural high school.

Topeka. State printer. 1923. 29 p.

Vol. 24, No. 2, January 15, 1923.

Loomis, A. K.: Financial aspects of school administration in small and medium-sized high schools in Kansas. University extension division.

Lawrence, Kansas. n.d. (2) + 8 p.

Vol. 24, No. 3, February 1, 1923.

Catalogue of the graduate school. 1923-1924.

Topeka. State printer. 1923. 59 p.

*Vol. 24, No. 4, February 15, 1923.

Engineering special bulletin.

Vol. 24, No. 5, Part 1, March 1, 1923.

Annual catalogue. 1922-1923. General information. Section I.

Topeka, State printer. 1923. 100 p.

Vol. 24, No. 5, Part 3, March 1, 1923.

Annual catalogue. 1922-1923. Roster of faculty, students and graduates, Section III.

Topeka. State printer. 1923. 88 + (1) p.

Vol. 24, Nos. 6 and 7 (not published).

Vol. 24, No. 8, April 15, 1923.

Humanistic studies, vol. 3, No. 1.

- McQuiston, Raymer: The relation of Ralph Waldo Emerson to public affairs.
Lawrence. University. April, 1923. 62 + (1) p.
- Vol. 24, Nos. 9 to 15 (not published).
- Vol. 24, No. 16, October 1, 1923.
Kansas studies in education, vol. 1, No. 2, October 1, 1923.
OBrien, F. P.: Report of a survey in Atchison dealing with establishment of a junior college.
Topeka. State printer. 1923. 42 p.
- *Vol. 24, No. 17, November 1, 1923.
School of law. 1924-1925.
Topeka. State printer. 1923. 24 p.
- *Vol. 24, No. 18, December 1, 1923.
University extension division. Correspondence-study courses.
Topeka. State printer. 1923. 55 p.
- Vol. 25, No. 1, Part I, January 1, 1924.
Annual catalogue. 1923-1924. General information. Section I.
Topeka. State printer. 1924. 116 p.
- Vol. 25, No. 1, Part II, January 1, 1924.
Annual catalogue. 1923-1924. General information, section I; announcement of courses, section II. Roster of faculty, students and graduates, section III.
Topeka. State printer. 1924. (2) + 348 p.
- Vol. 25, No. 1, Part II, January 1, 1924.
Annual catalogue. 1923-1924. Announcement of courses. Section II.
Topeka. State printer. 1924. 248 p.
- Vol. 25, No. 1, Part III, January 1, 1924.
Annual catalogue. 1923-1924. Roster of faculty, students and graduates. Section III.
Topeka. State printer. 1924. (2) + 251-348 p.
- Vol. 25, No. 2, January 15, 1924.
Humanistic studies, vol. 3, No. 2.
Malin, James C.: The United States. 1855-1917.
Lawrence. University. January, 1924. 64 p.
- Vol. 25, No. 3, February 1, 1924.
Catalogue summer session, 1924. University of Kansas. Lawrence, Kansas.
Topeka. State printer. 1924. 29 p.
- *Vol. 25, No. 4, February 15, 1924.
University extension division. Program of service offered by the University extension division. 8 p.

Vol. 25, No. 5, March 1, 1924.

School of business. Announcements for the first session. Fall of 1924.
(Lawrence, Department of Journalism press, University of Kansas.)
7 + (1) p.

Vol. 25, Nos. 6 to 14 (not published).

*Vol. 25, No. 15, September 1, 1924.

University extension division. Correspondence-study courses.
Topeka. State printer. 1924. 54 p.

*Vol. 25, No. 16, October 1, 1924.

Announcement Kansas high-school debating league, 1924-'25. University
extension division. The University of Kansas.
Topeka. State printer. 1924. 32 p.

Vol. 25, No. 17, November 1, 1924.

Humanistic studies, vol. 3, No. 3.
Tunney, Hubert J., ed.: Home's Douglas.
Lawrence. University. November, 1924. 100 p.

*Vol. 25, No. (18), December 1, 1924.

Thirtieth biennial report of the University of Kansas. Lawrence, Kansas.
For the two years ending June 30, 1924. .
Topeka. State printer. 1924. 74 p.

Vol. 26, No. 1, Part 1, January 1, 1925.

Annual catalogue. 1924-1925. General information, section I.
Topeka. State printer. 1925. 123 p.

Vol. 26, No. 1, Parts I and II, January 1, 1925.

Annual catalogue. 1924-1925. General information, section I. Announce-
ment of courses, section II.
Topeka. State printer. 1925. 272 p.

Vol. 26, No. 1, Part II, January 1, 1925.

Annual catalogue, 1924-1925. Announcement of courses, section II.
Topeka. State printer, 1925. (2) + 131-272 p.

Vol. 26, No. 1, Part II, January 1, 1927.

Annual catalogue. 1926-1927. Announcement of courses. Section II.
Topeka. State printer. 1927. (2) + 139-292.

Vol. 26, No. 1, Part III, January 1, 1925.

Annual catalogue. 1924-1925. Roster of faculty, students and graduates.
Section III.
Topeka. State printer. 1925. (2) + 275-376 p.

Vol. 26, Parts I, II, III, January 1, 1925.

Annual catalogue. 1924-1925. General information, section 1. Announce-
ment of courses, section II. Roster of faculty, students and graduates,
section III.
Topeka. State printer. 1925. (2) + 376 p.

Vol. 26, No. 2, January 15, 1925.

School of law. 1925-1926.

Topeka. State printer. 1925. 16 p.

*Vol. 26, No. 2, January 15, 1925.

School of medicine. Bulletin for the years 1924-'25 and 1925-'26. Lawrence, Kansas City, Kansas.

Topeka. State printer. 1925. 38 p.

Vol. 26, No. 3, February 1, 1925.

Catalogue summer session, 1925. University of Kansas. Lawrence, Kansas.

Topeka. State printer. 1925. 38 p.

Vol. 26, No. 4, February 15, 1925.

History of the chemistry department of the University of Kansas.

Topeka. State printer. 1925. 64 p.

*Vol. 26, No. 5, March 1, 1925.

Engineering bulletin No. 13. Division of chemical research, bulletin No. 4.

Young, C. M.: Kansas coal, part I, occurrence and production. Allen,

H. C.: Part II, the chemistry of Kansas coal. Lawrence, Kansas. University engineering experiment station.

Topeka. State printer. 1925. 202 p. II. Pl.

Vol. 26, No. 6, March 15, 1925.

Humanistic studies, vol. 3, No. 4. Learned, Edmund P. State gasoline taxes.

Lawrence, University. March, 1925. 94 p.

Vol. 26, No. 7, April 1, 1925.

Science bulletin, vol. 15, Nos. 1, 2, 3, 4, 5 and 6.

Lawrence, Kansas. (1924.)

*Vol. 26, No. 8, April 15, 1925.

Announcement Kansas high-school debating league, 1925-'26. University extension division. The University of Kansas.

Topeka. State printer. 1925. 38 p.

*Vol. 26, No. 9, May 1, 1925.

School of nursing.

*Vol. 26, No. 10, May 15, 1925.

University extension division. OBrien, F. P.: The vocabulary of high-school pupils in written composition.

Lawrence, Kansas. 8 p.

Vol. 26, Nos. 11 to 14 (not published).

*Vol. 26, No. 15, September 1, 1925.

Bureau of visual instruction. University of Kansas. A handbook of visual instruction. 66 p.

Vol. 26, Nos. 16 and 17 (not published).

*Vol. 26, No. 18, December 1, 1925.

University extension division. Correspondence-study courses.
Topeka. State printer. 1926. 56 p.

Vol. 27, No. 1, January 1, 1926.

Annual catalogue. 1925-1926. General information, section I. Announcement of courses, section II. Roster of faculty, students and graduates, section III. 1924-1925.

Topeka. State printer. 1925. (2) + 376 p.

Vol. 27, No. 1, Part I, January 1, 1926.

Annual catalogue. 1925-1926. General information, section I.
Topeka. State printer. 1925. 130 p.

Vol. 27, No. 1, Part 2, January 1, 1926.

Annual catalogue. 1925-1926. Announcement of courses, section II.
Topeka. State printer. 1925. (2) + 133-276 p.

Vol. 27, No. 1, Part 3, January 1, 1926.

Annual catalogue. 1925-1926. Roster of faculty, students and graduates, section III.

Topeka. State printer. 1926. (2) + 291-399 p.

Vol. 27, No. 2, January 15, 1926.

Catalogue of the graduate school, 1926-1927.
Topeka. State printer. 1926. 78 p.

*Vol. 27, No. —, January 15, 1927.

Catalogue of the school of medicine, 1926-1927, 1927-1928.
Lawrence and Kansas City, Kansas. n.d. 44 p.

*Vol. 27, No. 3, February 1, 1926.

Preliminary announcement of the summer session, 1926.
Lawrence, Kansas.

Vol. 27, No. 4, March —, 1926.

Catalogue summer session, 1926. University of Kansas. Lawrence, Kansas.
Topeka. State printer. 1926. 37 p.

*Vol. 27, No. 5, March 1, 1926.

Kansas studies in education, vol. 1, March 1, 1926, No. 4.
OBrien, F. P.: College standards and a public junior college. 23 p.

Vol. 27, No. 6, March 15, 1926.

School of business. Announcements, 1926-1927. 7 + 1 p.

Vol. 27, No. 7, April 1, 1926.

Science bulletin, vol. 16, Nos. 1, 2, 3, 4, 5 and 6.
Lawrence, Kansas.

*Vol. 27, No. 8, April 15, 1926.

State geological survey of Kansas, bulletin 11.
Bass, N. W.: Geologic investigations in Western Kansas. Part 1, geology

of Ellis county. Part 2, geology of Hamilton county. Part 3, geologic structure of the Dakota sandstone. Part 4, structure and limits of the Kansas salt beds.

(Topeka. State printer.) (1926.) 96 p.

*Vol. 27, No. 9, May 1, 1926.

O'Brien, F. P.: Conditional value of a longer school year in one-teacher schools. University bureau of school service and research. (Reprinted from *Journal of Educational Research*, February, 1926.)

Lawrence, Kansas. 8 p.

*Vol. 27, No. 10, May 15, 1926.

Kansas studies in education, vol. 1, May 15, 1926, No. 5.

O'Brien, F. P.: The high-school teaching load and preparation of high-school teachers. 37 p.

Vol. 27, No. 11, June 1, 1926.

O'Brien, F. P.: The county superintendent of schools as supervisor of instruction.

Reprinted from the May, 1926, *Journal of Educational Research*. 12 p.

*Vol. 27, No. 12, June 15, 1926.

Kansas studies in education, vol. 1, June 15, 1926, No. 6.

O'Brien, F. P.: An experiment in the supervision of English. Montpelier, Vermont. Capital City press. n.d. 31 p.

*Vol. 27, No. 13, July 1, 1926.

Announcement Kansas high-school debating league. 1926-1927. University extension division. University of Kansas.

Topeka. State printer. 1926. 35 p.

*Vol. 27, No. 14, August 1, 1926.

A handbook of visual instruction.

Lawrence, University of Kansas. Bureau of visual instruction. 76 p.

Vol. 27, No. 15, September 1, 1926.

Humanistic studies, vol. 4, No. 1.

Nelson, John Herbert: The negro character in American literature.

Lawrence, Department of Journalism press. September, 1926. (2) + 146 p.

Vol. 27, No. 16 (not published).

*Vol. 27, No. 17, November 1, 1926.

Thirty-first biennial report of the University of Kansas, Lawrence, Kansas, for the two years ending June 30, 1926.

Topeka. State printer. 1926. 79 p.

*Vol. 27, No. 18, December 1, 1926.

University extension division. Bureau of general information. Plays and readings service, 1927-1928.

Topeka. State printer. 1927. 78 p.

Vol. 28, No. 1, January 1, 1927.

Annual catalogue. 1926-1927. General information, section I. Announcement of courses, section II. Roster of faculty, students, graduates 1925-1926, section III.

Topeka. State printer. 1927. (2) + 399 p.

Vol. 28, No. 1, Part 1, January 1, 1927.

Annual catalogue. 1926-1927. General information, section I.

Topeka. State printer. 1927. 134 p.

Vol. 28, No. 1, Part 2. See Vol. 26, No. 1, Part 2.

Vol. 28, No. 1, Part 3, January 1, 1927.

Annual catalogue. 1926-1927. Roster of faculty, students and graduates, section III.

Topeka. State printer. 1927. (2) + 295-395 p.

Vol. 28, No. 2, January 15, 1927.

Catalogue summer session, 1927. University of Kansas. Lawrence, Kansas.

Topeka. State printer. 1926. 40 p.

*Vol. 28, No. 2, Part 2, January 15, 1927.

Chemical training by summer school attendance. (4) p.

*Vol. 28, No. 2, Part 3, January 15, 1927.

University of Kansas summer courses in physical education and athletics. (12) p.

*Vol. 28, No. 2, Part 4, January 15, 1927.

Twenty-fifth annual summer session. Schedule of classes, 1927. 15 p.

Vol. 28, No. 3 (not published).

*Vol. 28, No. 4, February 15, 1927.

Bulletin of education, vol. 1, February, 1927, No. 2.

Lawrence. Published by the bureau of school service and research. 24 p.

*Vol. 28, No. 5, March 1, 1927.

University extension division. Correspondence study courses.

Topeka. State printer. 1927. 55 p.

*Vol. 28, No. 6, March 15, 1927.

Kansas studies in education, vol. 1, March 15, 1927, No. 7.

O'Brien, F. P., and Smart, T. J.: School survey report pertaining to the Onaga rural high school.

Bureau of school service and research, University of Kansas. 1927.

(Lawrence, Kansas. Journalism press, University of Kansas.) 53 p.

Vol. 28, No. 7, April 1, 1927.

The state law and board of administration rules for examination of candidates for the certificate of certified public accountant.

Topeka. State printer. 1927. 11 p.

*Vol. 28, No. 8, April 15, 1927.

School of fine arts. Summer session. 1927. 11 + (1) p.

*Vol. 28, No. 9, May 1, 1927.

Municipal insurance by Orin F. Nolting. May 1, 1927.

Published jointly by the municipal reference bureau, University extension division, international city managers' association, the league of Kansas municipalities.

Lawrence, Kansas. Municipal reference bureau, University extension division. 1927. (62 p.)

*Vol. 28, No. 10, May 15, 1927.

School of law, announcements for 1927-1928. Summer session. 1927.

Topeka. State printer. 1927. 19 p.

*Vol. 28, No. 11, June 1, 1927.

School of business. Announcements 1927-1928. 1927. 15 p.

Vol. 28, No. 12, June 15, 1927.

State geological survey of Kansas, bulletin 6. Oil and gas resources of Kansas, part 7. Charles, Homer H., Anderson county.

Topeka. State printer. 1927. 95 p.

Vol. 28, No. 13, July 1, 1927.

Kansas studies in education, vol. 1, July 1, 1927. No. 8.

Smart, Thomas J.: A proposed larger school unit for an area in north-eastern Kansas.

University extension division, University of Kansas. 1927. 117 p.

*Vol. 28, No. 14, August 1, 1927.

Bureau of visual instruction. University extension division. University of Kansas. A handbook of visual instruction.

(Topeka. State printer. 1927.) 127 p.

*Vol. 28, No. 15, September 1, 1927.

Announcement Kansas high-school debating league, 1927-'28. University extension division, the University of Kansas.

Topeka. State printer. 1927. 34 p.

*Vol. 28, No. 16, October 1, 1927.

University extension division. Program of service offered by the University extension division. 8 p.

*Vol. 28, No. 17, November 1, 1927.

State geological survey of Kansas, bulletin 13.

Moore, Raymond C.; Landes, Kenneth K.: Underground resources of Kansas.

(Report of the Kansas state board of agriculture for the quarter ending December, 1926.)

Topeka. State printer. 1927. 154 p.

Vol. 28, No. 18, December 1, 1927.

Science bulletin, vol. 17, No. 1, part 1.

Lawrence, Kansas. 1927.

- Vol. 28, No. 18, December 1, 1927.
Science bulletin, vol. 17, Nos. 2, 3, 4, 5, 6, and 7. Part 2.
Lawrence, Kansas. 1927.
- Vol. 29, No. 1, Part 1, January 1, 1928.
Annual catalogue. 1927-1928. General information, section 1.
Topeka. State printer. 1927. 138 p.
- Vol. 29, No. 1, Part III, January 1, 1928.
Annual catalogue. 1927-1928. Roster of faculty, students and graduates, section III.
Topeka. State printer. 1928. 111 + (2) p.
- *Vol. 29, No. 2, Part I, January 15, 1928.
Preliminary announcement of the summer session, 1928.
(Topeka. State printer. 1928.) 32 + (2) p.
- *Vol. 29, No. 2, Part 2, January 15, 1928.
Catalogue summer session, 1928. University of Kansas. Lawrence, Kansas.
Topeka. State printer. 1928. 42 p.
- *Vol. 29, No. 3, February 1, 1928.
Engineering bulletin No. 15. Engineering; its scope, opportunities and system of training. Lawrence, Kansas. The school of engineering and architecture of the University of Kansas.
(Topeka. State printer. 1928.) 29 p. II. por.
- Vol. 29, No. 3, February 1, 1928.
Engineering bulletin No. 16.
Barron, James L., and Lawrence, R. E.: The chlorination of raw sewage for odor control.
(Lawrence. Department of journalism press, University of Kansas.)
28 p. II.
- Vol. 29, No. 4 (not published).
- *Vol. 29, No. 5, March 1, 1928.
School of business. Announcements 1928-1929. 1928. 13 + (1) p.
- Vol. —, No. 5, Part 2, January 1, 1928.
Annual catalogue. 1927-1928. Announcement of courses, section II.
Topeka. State printer. 1928. 154 p.
- Vol. 29, No. 6, March 15, 1928.
Engineering bulletin No. 14.
Browne, Earle G.: The economic value of public health work.
(Lawrence, Kansas. State board of health, division of water and sewage, University of Kansas.) 1928. 13 p.
- Vol. 29, No. 7, April 1, 1928.
Science bulletin, vol. 18. Lawrence, Kansas.
Topeka. State printer. 1928.

Vol. 29, No. 8, April 15, 1928.

State geological survey of Kansas. Bulletin 14.

Landes, Kenneth K.: Volcanic ash resources of Kansas.

Topeka. State printer. 1928. 58 p.

*Vol. 29, No. 9, May 1, 1928.

Bureau of visual instruction. University extension division. A handbook of visual instruction, part 1. Motion pictures.

Topeka. State printer. 1928. 54 p.

*Vol. 29, No. 9, May 1, 1928.

Bureau of visual instruction. University extension division. University of Kansas. A handbook of visual instruction, part 2. Film slides.

Topeka. State printer. 1928. 28 p.

Vol. 29, No. 10, May 15, 1928.

Engineering bulletin No. 17.

Joslyn, R. O.: Development of ground water.

(1928.) 13 p.

*Vol. 29, No. 11, June 1, 1928.

State geological survey of Kansas. Mineral resources circular 1.

Kesler, L. W.: Oil and gas resources of Kansas in 1927.

Topeka. State printer. 1928. 60 p.

*Vol. 29, No. 12, June 15, 1928.

University extension division. Correspondence-study courses.

Topeka. State printer. 1928. 54 p.

Vol. 29, No. 13 (not published).

Vol. 29, No. 14, August 1, 1928.

Alumni directory. 1873-1928.

Lawrence, Kansas. 448 p.

*Vol. 29, No. 15, September 1, 1928.

Announcement Kansas high-school debating league, 1928-'29. University extension division. The University of Kansas.

Topeka. State printer. 1928. 30 p.

*Vol. 29, No. 16, October 1, 1928.

(Kansas studies in education, vol. 1, No. 11, October, 1928.)

O'Brien, F. P.: Special number. The status of business courses in the high school.

Lawrence. Bureau of school service and research. Also, bulletin of education, vol. II, October 1, 1928, No. 1. University of Kansas. 1928. 26 p.

Vol. 29, No. 17, November 1, 1928.

Engineering bulletin, No. 17. Chemical research division bulletin, No. 5.

Gottlieb, Selma: Mineral analysis of municipal water supplies in Kansas.

(Lawrence. Department of Journalism press, University of Kansas.) n.d.

9 + (13) p. Pl.

- Vol. 29, No. 18, December 28, 1928.
Catalogue of the school of medicine, 1928-1929, 1929-1930.
Lawrence and Kansas City, Kansas. n.d. 46 p.
- Vol. 30, No. 1, Part 1, January 1, 1929.
Annual catalogue. 1928-1929. General information, section I.
Topeka. State printer. 1929. 138 p.
- Vol. —, No. 1, Part 2, January 1, 1929.
Annual catalogue. 1928-1929. Announcement of courses, section II.
Topeka. State printer. 1929. 158 p.
- Vol. 30, No. 1, Part 3, January 1, 1929.
Annual catalogue. 1928-1929. Roster of faculty, students and graduates section III.
Topeka. State printer. 1929. 113 p.
- *Vol. 30, No. 2, Part 1, January 15, 1929.
Preliminary announcement of the summer session, 1929.
Lawrence, Kansas. n.d. 44 p.
- Vol. 30, No. 2, Part 2, January 15, 1929.
Catalogue of the summer session, 1929.
Topeka. State printer. 1929. 46 p.
- *Vol. 30, No. 3, February 1, 1929.
University facts, the distribution of the tax dollar.
(University of Kansas.) n.d. (18 p.)
- *Vol. 30, No. 4, February 15, 1929.
School of business. Announcements, 1929-'30.
1929. 14 p.
- *Vol. 30, No. 5, March 1, 1929.
Catalogue of the graduate school, 1929-1930.
Lawrence. University. 1929. 54 p.
- Vol. 30, No. 6, May 15, 1929.
State geological survey of Kansas. Bulletin 12.
Bass, N. W.: Geology of Cowley county, Kansas.
Topeka. State printer. 1929. 203 p.
- *Vol. 30, No. 7, April 1, 1929.
Bureau of visual instruction. University extension division. A handbook of visual instruction. 163 p.
- Vol. 30, Nos. 8 to 13 (not published).
- *Vol. 30, No. 14, August 1, 1929.
Debate handbook.
Buehler, E. C.: Instalment buying of personal property.
Lawrence. University of Kansas extension division. University of Kansas (1929.) 214 p.

- *Vol. 30, No. 15, September 1, 1929.
Announcement Kansas high-school debating league, 1929-'30. University extension division. The University of Kansas.
Topeka. State printer. 1929. 33 p.
- Vol. 30, No. 16, October 1, 1929.
Summer session. Special announcement.
- Vol. 30, No. 17, November 1, 1929.
Science bulletin, vol. 19, Nos. 1-7, part 1. Lawrence, Kansas.
Topeka. State printer. 1930.
- *Vol. 30, No. 18, December 1, 1929.
School of business. Announcements, 1930-'31.
Topeka. State printer. 1929. 15 p.
- Vol. 31, No. 1, Part 1, January 1, 1930.
Annual catalogue, 1929-1930. General information, section I.
Topeka. State printer. 1929. 140 p.
- *Vol. 31, No. 1, Part II, January 1, 1930.
Annual catalogue, 1929-1930. Announcement of courses, section II.
Topeka. State printer. 1930. 160 p.
- *Vol. 31, No. 2, Part III, January 15, 1930.
School of business. Summer session, 1930.
Lawrence, University of Kansas. 1930. 7 + (1) p.
- *Vol. 31, No. 2, Part IV, January 15, 1930.
School of fine arts. Summer session, 1930. 7 + (1) p.
- *Vol. 31, No. 3, February 1, 1930.
University extension division. Correspondence-study courses.
Topeka. State printer. 1930. 56 p.
- *Vol. 31, No. (4), (February 15, 1930).
School of law announcements for 1930-1931.
Topeka. State printer. 1930. 16 p.
- Vol. 31, No. 5, March, 1930.
Catalogue issue summer session, 1930.
Topeka. State printer. 1930. 46 p.
- *Vol. 31, No. 6, March 15, 1930.
Bulletin of the University of Kansas. Program of service offered by the University extension division. 8 p.
- Vol. 31, No. 7, April, 1930.
Althaus, Carl B.: The trend of school taxes in Kansas.
Lawrence, University of Kansas. University extension division and school of education. 1930. 35 p.
- *Vol. 31, No. 8, April 15, 1930.
Catalogue issue, 1929-1930. Announcement of courses. (Section II.) 160 p.

*Vol. 31, No. 9, May 1, 1930.

State geological survey of Kansas. Bulletin 15.

Wing, Monta E.: The geology of Cloud and Republic counties, Kansas (Topeka, Kansas. State printer, 1930.) 51 p.

Vol. 31, No. 9, May 15, 1930.

State geological survey of Kansas. Bulletin 16.

Landes, Kenneth K.: Geology of Mitchell and Osborne counties, with chapter on "Rocks not exposed," by J. W. Ockerman.

Topeka. State printer. 1930. 55 p.

Vol. 31, No. 10 (not published).

*Vol. 31, No. 11, June 1, 1930.

Catalogue issue, 1929-1930. Roster of faculty, students and graduates.

Topeka. State printer. 1930. 118 + (2) p.

*Vol. 31, No. 12, June 15, 1930.

State geological survey of Kansas. Bulletin 17. Science bulletin, vol. 19 No. 8.

Sayre, Albert Nelson: Fauna of the drum limestone of Kansas and Western Missouri.

Topeka. State printer. 1930. (4) + 75-204 p.

Vol. 31, No. 12, June 15, 1930.

Science bulletin, vol. 19, Nos. 8-14, part 2. Lawrence, Kansas.

Topeka, Kansas. State printer. 1930.

Vol. 31, No. 13 (not published).

*Vol. 31, No. 14, August 1, 1930.

University extension division. Announcement of visual aids.

Topeka. State printer. 1930. 168 p.

*Vol. 31, No. 15, September 1, 1930.

Announcement Kansas high-school debating league for 1930-'31. University extension division, University of Kansas. Lawrence, Kansas.

Topeka. State printer. 1930. 35 p.

*Vol. 31, No. 16, October 1, 1930.

University extension division. Bureau of general information. School and community drama service.

Topeka. State printer. 1930. 107 p.

Vol. 31, No. 17, November 1, 1930.

Governmental research series, No. 1.

Guild, Frederic H.; Snider, Clyde F.: Legislative procedure in Kansas.

Bureau of governmental research and service. University of Kansas. 1930. 9 + 84 p.

*Vol. 31, No. 18, December 1, 1930.

Catalogue issues for the sessions, 1930-1931.

School of business. 15 p.

- Vol. 32, No. 1, January 1, 1931.
Catalogue issue, 1930-1931. General information.
Topeka. State printer. 1931. 142 p.
- *Vol. 32, No. 2, January 15, 1931.
Preliminary announcement. Summer session, 1931.
Topeka. State printer. 1931. 42 p.
- *Vol. 32, No. 3, February 1, 1931.
The school of medicine. Catalogue issue. For the sessions 1930-'31, 1931-'32. Lawrence and Kansas City, Kansas.
Topeka, State printer. 1931. 60p.
- Vol. 32, No. 4, February 15, 1931.
Catalogue issue. 1930-1931. Announcement of courses.
Topeka. State printer. 1931. 166 p.
- Vol. 32, No. 5, March 1, 1931.
Catalogue issue. Summer session. 1931.
Topeka. State printer. 1931. 48 p.
- *Vol. 32, No. 6, March 15, 1931.
University extension division. Correspondence study courses.
Topeka. State printer. 1931. 56 p.
- Vol. 32, No. 7, April 1, 1931.
State geological survey of Kansas. Bulletin 18.
Elias, Maxim K.: The geology of Wallace county, Kansas.
Topeka. State printer. 1931. 254 p. Pl. map.
- Vol. 32, No. 8, April 15, 1931.
Humanistic studies, vol. 4, Nos. 2-3.
Realey, Charles Bechdolt: The early opposition to Sir Robert Walpole, 1720-1727.
Lawrence. University of Kansas. 1931. (10) + 280 p.
- Vol. 32, No. 9 (not published).
- Vol. 32, No. 10, May 15, 1931.
Science bulletin, vol. 20, Nos. 1-6, part 1. Lawrence, Kansas.
Topeka. State printer. 1931.
- *Vol. 32, No. 11, June 1, 1931.
Catalogue issue.. 1930-1931. Roster of faculty, students and graduates
Lawrence. By the University, 1931.
Topeka. State printer. 1931. 125 + (2).
- Vol. 32, No. 12 (not published).
- *Vol. 32, No. 13, July 1, 1931.
Announcement. Department of nursing education.

*Vol. 32, No. 14, August 1, 1931.

University extension division. Announcement of visual aids available through the bureau of visual instruction.

Topeka. Kansas state printing plant. 1931. (164 p.)

*Vol. 32, No. 15, September 1, 1931.

Announcement. Kansas high-school debating league for 1931-'32. University extension division. Lawrence, Kansas.

Topeka, Kansas. State printer. 1931. (38 p.)

Vol. 32, Nos. 16 and 17 (not published).

Vol. 32, No. 18, December 1, 1931.

School of law. Catalogue issue for the sessions 1931-1932.

Topeka. State printer. 1932. 15 p.

Vol. 33, No. 1, January 1, 1932.

Annual catalogue. 1931-1932. General information. Lawrence, University, 1932.

Topeka. State printer. 1932. 144 p.

*Vol. 33, No. 2, January 15, 1932.

Preliminary announcement, summer session. 1932. Lawrence, Kansas.

Topeka. State printer. 1932. 38 p.

Vol. 33, Nos. 3 and 4 (not published).

*Vol. 33, No. 5, March 1, 1932.

Annual catalogue. 1931-1932. Announcement of courses. Lawrence. By the University. 1932.

Topeka. State printer. 1932. 170 p.

Vol. 33, No. 6, March 15, 1932.

Catalogue issue, summer session. 1932. Lawrence, Kansas.

Topeka. State printer. 1932. 36 p.

Vol. 33, No. 7, April 1, 1932.

Catalogue issue for the sessions 1932-1933, school of business.

n.p. 1932. 15 p.

Vol. 33, No. 8, April 15, 1932.

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- Vol. 35, No. 4, February 15, 1934.
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Thirty-fifth biennial report of the University of Kansas. Lawrence, Kansas. Including the medical school at Kansas City.

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(51)

II BUSINESS

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KANSAS STUDIES IN BUSINESS

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Stockton, Frank T.: Employee training in Kansas department stores. November, 1925.

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- *Vol. 1, No. 4, October, 1927.
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- Vol. 1, No. 7, April, 1928.
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- Vol. 2, No. 1, October, 1928.
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Smith, W. R.; OBrien, F. P.; Bayles, E. E.: Value of professional training
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May, 1934. Abstracts of doctoral dissertations.

Lawson, Fred Douglas: Kansas rural high school in terms of five criteria.

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Lindberg, Carl Frederick: Dominant factors in the development of public
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ment of a junior college. 1923.Bulletin of the University of Kansas, vol. 24, October 1, 1923, No. 16.
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O'Brien, F. P.; Worcester, D. A.; Mendenhall, E. N.: Results of instruction in different types of elementary schools in the state of Kansas, 1921-'22.

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*Vol. 1, No. 4, March 1, 1926.

O'Brien, F. P.: College standards and the public junior college.

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O'Brien, F. P.: High-school teaching load and preparation of high-school teachers.

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O'Brien, F. P.: An experiment in the supervision of English.

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O'Brien, F. P.; Smart, T. J.: School survey report pertaining to the Onaga rural high school.

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Smart, Thomas J.: A proposed larger school unit for an area in north-eastern Kansas.

Bulletin of the University of Kansas, vol. 28, No. 13, July 1, 1927.

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*Vol. 1, No. 9, October, 1927.

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*(Vol. 1, No. 10.)

LaBrant, Lou L.: Diagnostic tests and remedial measures for the teaching of English in the high school. Also, bulletin of education, vol. 1, No. 7, April, 1928. Special number.

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O'Brien, F. P.: The status of business courses in the high school. Also, bulletin of education, vol. 2, No. 1, October, 1928.

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*Vol. 1, No. 12, April, 1929.

O'Brien, F. P.: A six-year study of selection, persistence and achievement in high school and college. Also, bulletin of education, vol. 2, No. 1, April, 1929.

Lawrence. Published by the bureau of school service and research. 28 p.

* (Vol. 1, No. 13.)

Witty, Paul A.: A study of one hundred gifted children. Also, bulletin of education, vol. 2, No. 7, February, 1930.

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Radtke, Bruno: Some observations on German and English education in elementary and secondary schools.

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Sherbon, Florence Brown, and Ferris, Emily: The experience and opinion of 350 married women graduates of the University of Kansas. With reference to the university curriculum and problems of the American home.

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O'Brien, F. P.: Economies possible in larger schools units.

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INDEPENDENT MONOGRAPHS

1921.

O'Brien, F. P.; Smart, T. J.: Schooling in one-teacher schools.

Bulletin of the University of Kansas, 1921, vol. 22, December 1, 1921, No. 18.

Lawrence. University extension division. (2) + 14 p.

1923.

Loomis, A. K.: Some financial aspects of school administration.

Bulletin of the University of Kansas, vol. 24, January 13, 1923, No. 2.

Lawrence. University extension division. (2) + 8 p.

1925.

*O'Brien, F. P.: The vocabulary of high-school students in written composition.

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*O'Brien, F. P.: The conditional value of a longer school year in one-teacher schools, May 1, 1926.

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O'Brien, F. P.: The county superintendent as supervisor of instruction. June 1, 1926.

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Althaus, Carl B.: The trend of school taxes in Kansas.

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Althaus, Carl B.: Some facts regarding economic conditions in Kansas and their relation to financing the public schools of the state.

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Topeka, Kansas. Kansas State Teachers Association. February, 1932. 32 p.

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Althaus, Carl B.; Twente, J. W.: The organization and financing of rural high schools in Kansas.

Bulletin of the University of Kansas, vol. 33, July 1, 1932, No. 13.

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Althaus, Carl B.: Current economic conditions in Kansas and their relation to public-school support.

Topeka. Kansas State Teachers Association. 1934. 34 p.

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University extension division. Bulletin of the University of Kansas, vol. 23, January 1, 1922, No. 1.

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O'Brien, F. P., and Smart, T. J.: Organization and distinctive features of the Shawnee Mission rural high school, Johnson county, Kansas.

(Kansas studies in education, vol. 1, January 1, 1923, No. 1.) Bulletin of the University of Kansas, vol. 24, January 1, 1923, No. 1.

Topeka. State printer. 1923. 29 p.

*(No. 3.)

Survey report on school building program for the city of Ottawa, Kansas.
F. P. OBrien, director; R. A. Kent, H. P. Smith.
Ottawa. Herald print. (February, 1923.) 63 p.

*(No. 4.)

Survey report on school building program for the Junction City schools,
Junction City, Kansas.
F. P. OBrien, director; R. A. Kent, H. P. Smith.
Junction City. Republic print. (February, 1923.) 80 p.

*(No. 5.)

School survey and building program for Dodge City, Kansas.
F. P. OBrien, director; R. A. Kent, H. P. Smith.
(Dodge City, Kansas. Etrick Co. 1923.) 100 p.

*(No. 6.)

School survey report for the city of Great Bend, Kansas.
F. P. OBrien, R. A. Kent, H. P. Smith. (39) p.

(No. 7.)

OBrien, F. P.: Report of a survey in Atchison dealing with the establishment of a junior college. Also, Kansas studies in education, vol. 1. October 1, 1923, No. 2.
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OBrien, F. P.; Lull, H. G.; Williams, C. V.; and Smith, H. P.: Survey report of the Chanute, Kansas, school system.
(Chanute, Kansas. Tribune print.) 1924. 134 p.

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*No. 1.

Rice, Martin E.; McCollum, Burton: A ballistic electro-dynamometer method of measuring hysteresis loss in iron.

McCollum, Burton: Voltage regulation of alternators.

Bulletin of the University of Kansas, vol. 11, November, 1909, No. 1.

Lawrence. University of Kansas, Engineering experiment station. 23 p.

*No. 2.

Walker, P. F.: Natural gas; its properties, its domestic use, and its measurement by meters.

Bulletin of the University of Kansas, vol. 13, July 1, 1912, No. 16.

Lawrence. University engineering experiment station. n.d. 38 p.

*No. 3.

Kansas fuels; coal, oil, gas.

Walker, P. F.; Bohnstengel, Walter: Heating values and proximate analysis of coal.

Bohnstengel, Walter: Discussion of sulphur content of bituminous coal.

Bulletin of the University of Kansas, vol. 14, January 15, 1913, No. 5

Lawrence, Kansas. University of Kansas. n.d. 40 p. Table and Map.

*No. 4.

Shaad, George C., and Walker, P. F.: Part I. The organization and work of the engineering experiment station of the University of Kansas.

Shaad, George C., and Walker, P. F.: Part II. Vocational education in Kansas, with course of study now offered by the University school of engineering.

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Haskins, C. A.; Young, C. C.: Part 1. Ground-water supplies.

(Bulletin of the University of Kansas, vol. 16, April 1, 1915, No. 10.)

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Kansas fuels; coal, oil, gas.

Walker, P. F.; Bohnstengel, Walter: Part 1. Heating values and proximate analysis of coal. (Reprint.)

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Young, C. M.: Part 3. Economic effects of washing coal from the state mine.

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Shaad, Geo. C.; Johnson, C. A.: The measurement of electrical energy, electricity meters, rates for electrical energy.

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(Topeka. State printer. 1916.) 93 p. Il.

*No. 9.

Veatch, F. M.; Evans, H. P.; Jackson, L. E.: Sewage disposal in Kansas.

Bulletin No. 2, division of state chemical research. Bulletin of the University of Kansas, vol. 18, No. 18, December 1, 1917.

Topeka. State printer. 1918. 168 p. Pl. Map.

No. 10.

Johnson, F. Ellis: The present development of transmission lines in Kansas. With appendix: The calculation of iron wire lines.

Bulletin of the University of Kansas, vol. 19, No. 12, June 15, 1918. Lawrence, Kansas. University engineering experiment station.

(Topeka. State printer. 1918.) 53 p. Il. Map.

*No. 11.

Allen, H. C.; Lyder, E. E.: A chemical survey of the natural gases of Kansas and Oklahoma.

Bulletin No. 3, division of state chemical research, W. A. Whitaker, director.

Bulletin of the University of Kansas, vol. 19, No. 1, January 1, 1918.

Topeka. State printer. 1919. 101 p.

*No. 12.

Walker, P. F.: Industrial development of Kansas, section 1.

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*No. 12.

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Topeka. State printer. 1922. 52 p. Maps.

*No. 13.

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Allen, H. P.: Part 2, The chemistry of Kansas coal.
Bulletin of the University of Kansas, vol. 26, No. 5, March 1, 1925.
Chemical research division bulletin, No. 4. Lawrence, Kansas. University engineering experiment station.
Topeka. State printer. 1925. 202 p. Il. Pl.

No. 14.

Browne, Earle G.: The economic value of public-health work.
Bulletin of the University of Kansas, vol. 29, No. 6, March 15, 1928.
(Lawrence. Kansas state board of health, division of water and sewage, University of Kansas.) 13 p.

*No. 15.

Engineering; its scope, opportunities and system of training.
Bulletin of the University of Kansas, vol. 29, No. 3, February 1, 1928.
Lawrence, Kansas. The school of engineering and architecture of the University of Kansas.
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No. 16.

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Bulletin of the University of Kansas, vol. 29, No. 3, February 1, 1928.
(Lawrence. Department of journalism press, University of Kansas.) 28 p. Il.

No. 17.

Joslyn, R. O.: Development of ground water.
Bulletin of the University of Kansas, vol. 29, May 15, 1928, No. 10. (1928.) 13 p. Il.

No. 17.

Gottlieb, Selma: Mineral analysis of municipal water supplies in Kansas.
Chemical research division bulletin, No. 5. Bulletin of the University of Kansas, vol. 29, No. 17, November 1, 1928.
(Lawrence. Department of journalism press, University of Kansas.) n.d. 9 + (13) p. Pl.

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(Lawrence, Ray Ellsworth): Septic tank system for home sewage disposal.
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Topeka. (State printer. 1933.) 19 p.

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(Lawrence, Ray Ellsworth): Sanitary privy.
Bulletin of the Kansas state board of health, vol. 11, No. 6, May, 1933.
(Topeka. State printer. 1933.) 18 p.

VI ENTOMOLOGY

- *(No. 1.)
(Snow, F. H., and Kellogg, Vernon L.): Two grain insects. February, 1892.
Lawrence Journal Co. 1892. 10 + (1) p. II.
- *(No. 2.)
Kellogg, Vernon L.: Common injurious insects of Kansas. The University
1892.
(Topeka. State printer.) (1892.) 8 + 126 p. II.
- *(No. 3.)
(Kellogg, Vernon L., and Snow, F. H.): Horn fly of cattle. May, 1893.
Journal Publishing Co., Lawrence, Kansas. 7 p. II.
- *(No. 4.)
(Hunter, S. J., and Snow, F. H.): The more destructive grasshoppers of
Kansas. October, 1897.
Topeka. State printer. 1897. 11 p. Pl.
- *(No. 5.)
Hunter, S. J.: Scale insects injurious to orchards. January, 1898.
Topeka. State printer. 1898. 62 p. II.
- *(No. 6.)
Hunter, S. J.: Alfalfa, grasshoppers, bees; their relationship. 1898.
Contributions from entomological laboratory, No. 65.
Topeka. State printer. January, 1899. 11 + 152 p. II. Pl.
- *(No. 7.)
Hunter, S. J.: The honeybee and its food-plants, with special reference
to alfalfa.
Topeka. State printer. 1899. 7 + 85 p. II. Pl.
- *(No. 8.)
Hunter, S. J.: The green bug and its natural enemies.
Glenn, P. A.: Influence of climate on the green bug and its parasite.
Department of entomology, contributions, No. 137. Bulletin of the Un
iversity of Kansas, vol. 9, No. 2.
Topeka. State printing office. 1909. 9 + 221 p. II. Pl. Map.
- *(No. 9.)
Hunter, S. J.; Skoog, A. L.; Trimble, W. K.; Sherwood, N. P.: Report
results of University research commission on horse plague.
Bulletin of the University of Kansas, vol. 14, No. 18, September 1, 1913.
Lawrence, Kansas. University of Kansas. n.d. 15 p.
- *No. 10.
Hungerford, H. B.: Orchard problems and how to solve them.

*No. 11.

Studies in Kansas insects.

Claassen, P. W.: Grasshoppers of Kansas, Part 1.

Beamer, R. H.: Grasshoppers of Kansas, Part 2.

Kennedy, C. H.: Dragonflies of Kansas.

Lawson, P. B.: Scale insects injurious to fruit and shade trees.

Wellhouse, W. H.: Spring cankerworm and its control.

Contributions from entomological laboratory, No. 221-225.

Bulletin of the University of Kansas, vol. 18, No. 1. Biological series.

Topeka. State printer. 1917. 329 p. Il. Pl. Map.

*No. 12.

Hungerford, H. B.: Insect pests about the house.

Reprinted from twenty-fourth biennial report of the Kansas state board of agriculture (1923-'24). 38 p. Il.

Publications of the Department of Entomology are continued through the Science Bulletin.

EXPERIMENT STATION

1891.

*First annual report of the director, for the year 1891; F. H. Snow, director.

Contagious diseases of the chinch-bug.

Topeka. State printer. April, 1892. 230 p. Pl. Map.

1892.

*Second annual report of the director, for the year 1892; F. H. Snow, director.

Contagious diseases of the chinch-bug.

Topeka, Kansas. State printer. 1893. (4) + 56 p.

1893.

*Third annual report of the director, for the year 1893; F. H. Snow, director.

Contagious diseases of the chinch-bug.

Topeka, Kansas. State printer. 1894. (4) + 247 p.

1894.

*Fourth annual report of the director, for the year 1894; F. H. Snow, director.

Contagious diseases of the chinch-bug.

Lawrence, Kansas. May, 1895.

(Topeka, Kansas. State printer.) 1895. 46 p. Pl.

1895.

*Fifth annual report of the director, for the year 1895; F. H. Snow, director.

Contagious diseases of the chinch-bug.

Lawrence, Kansas. March, 1896.

(Topeka, Kansas. State printer.) 1896. 55 p.

1896-1897.

*Sixth annual report of the director, for the year 1896-'97; F. H. Snow, director.

Contagious diseases of the chinch-bug.

Lawrence, Kansas. May, 1898.

(Topeka, Kansas. J. S. Parks.) 1898. 39 p. Pl.

VII EXTENSION

DEBATE HANDBOOK

1928.

Debate handbook.

The English parliamentary form of government vs. the presidential form of the United States.

Lawrence. University extension division. University of Kansas. (1928) 216 p.

1929.

Debate handbook.

Buehler, E. C.: The installment buying of personal property.

Bulletin of the University of Kansas, vol. 30, August 1, 1929, No. 14.

Lawrence. University extension division. University of Kansas. n.d. 214 p.

1930.

Debate handbook.

Buehler, E. C.: The chain-store question; a brief, a bibliography, and selected articles for and against.

Lawrence. University extension division. University of Kansas. (1930.) 222 p.

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POLITICAL SCIENCE SERIES

*No. 1.

Extension division of the University of Kansas.

General information and welfare commission plan of city government.

Bulletin of the University of Kansas, vol. 11, No. 6, March, 1910. 30 p.

*No. 2.

Extension division of the University of Kansas.

Debating and public discussion, recall of judges.

Bulletin of the University of Kansas, vol. 15, No. 3, December 1, 1913. 50 p.

Discontinued with No. 2.

SOCIAL SURVEY SERIES

*No. 1.

Burgess, E. W., and Sippy, J. J.: Belleville social survey, a report.

(Telescope print.) (1914.) II. 70 + (1) p.

No. 2.

Blackmar, F. W., and Burgess, E. W.: Lawrence social survey.

Topeka. State printer. 1917. 122 p.

*(No. 3.)

Social survey of Council Grove, Kansas, under the direction of the department of sociology, University of Kansas; Dr. M. C. Elmer, director. Council Grove, Kansas. University of Kansas extension center. March, 1917. 15 p.

*(No. 4.)

Elmer, Manuel C.: Minneapolis survey. . . . 1918.
Topeka. State printer. 1918. 39 p.

(No. 5.)

Amourdale, a city within a city, report. . . . Manuel C. Elmer.
Bulletin of the University of Kansas, vol. 20, June 15, 1919, No. 12.
Topeka. State printer. 1919. 91 p.

Social survey series discontinued with No. 5.

VISUAL INSTRUCTION

Volumes 1 to 5.

Visual instruction news, 1927-1932.

Lawrence, Kansas. University of Kansas. 1927-1932.

(After volume 5, No. 4, March, 1932, visual instruction news merged into the Educational Screen.)

VIII GEOLOGICAL SURVEY

BULLETINS

No. 1.

Haworth, Erasmus: Special report on the well waters in Kansas.
Topeka. State printing office. 1913. 110 p. Pl. Map.

*No. 2.

Haworth, Erasmus: On crystalline rocks in Kansas.
Topeka. State printer. 1915. 33 p. Pl. Map.

*No. 3.

Moore, Raymond C.; Haynes, Winthrop P.: Oil and gas resources of
Kansas.
(Topeka. State printer. 1917.) 391 p. Pl. Map.

No. 4.

Moore, Raymond C.: The environment of Camp Funston.
With a chapter on the Western theater of the war, by Douglas W. Johnson
(Topeka. State printer. 1918.) 81 p. Pl. Map.

No. 5.

Boughton, Charles W.: The Elk City gas field. Elk and Montgomery
counties.
Topeka. State printer. (1920.) 31 p. Pl. Map.

No. 6.

Moore, Raymond C.: General geology of oil and gas.
Oil and gas resources of Kansas, Part 1.
Topeka. State printer. (1920.) 83 p. Pl. Map.

No. 6.

Moore, Raymond C.: Geology of Kansas.
Oil and gas resources of Kansas, Part 2.
Topeka. State printer. (1920.) 98 p. Pl. Map.

No. 6, Parts 3 and 4 (not published).

No. 6.

Moore, Raymond C.; Elledge, Emmett R.: Allen and Neosho counties
Oil and gas resources of Kansas, Part 5.
Topeka. State printer. (1920.) 22 p. Pl. Map.

No. 6.

Moore, Raymond C.; Boughton, Charles W.: Wilson and Montgomery
counties.
Oil and gas resources of Kansas, Part 6.
Topeka. State printer. (1921.) 32 p. Pl. Map.

No. 6.

Charles, Homer H.: Anderson county.

Oil and gas resources of Kansas, Part 7.

Bulletin of the University of Kansas, vol. 28, No. 12. June 15, 1927.

Topeka. State printer. 1927. 95 p. Pl. Map.

No. 7.

Fath, A. E.: Geology of the El Dorado oil and gas field, Butler county, Kansas.

Topeka. State printer. 1921. 187 p. Pl. Map.

No. 8.

Elledge, Emmett R.: The economic geology of the Arkansas City district.

Teetor, Paul: Clay and shale resources in the vicinity of Arkansas City, Kansas.

Topeka. State printer. 1921. 47 p. Pl. Map.

No. 9.

Twenhofel, W. H.: Geology and invertebrate paleontology of the Comanchean and "Dakota" formations of Kansas.

Topeka. State printer. 1924. 135 p. Pl. Map.

*No. 10.

Rubey, W. M.; Bass, N. W.: Part I, The geology of Russell county, Kansas.

Bramlette, M. N.: Part II, A subsurface correlation of the stratigraphic units from Russell county to Marion county, Kansas.

Moore, Raymond C.: Part III, Fossils from wells in central Kansas.

Topeka. State printer. 1925. 104 p. Pl. Map.

*No. 11.

Bass, N. W.: Geologic investigations in western Kansas.

Part 1, Geology of Ellis county.

Part 2, Geology of Hamilton county.

Part 3, Geologic structure of the Dakota sandstone.

Part 4, Structure and limits of the Kansas salt beds.

(Bulletin of the University of Kansas, vol. 27, No. 8, 1926.)

(Topeka. State printer. April, 1926.) 96 p. Pl. Map.

No. 12.

Bass, N. W.: Geology of Cowley county, Kansas.

Bulletin of the University of Kansas, vol. 30, No. 6, May 15, 1929.

Topeka. State printer. 1929. 203 p. Pl. Map.

*No. 13.

Moore, Raymond C.; Landes, Kenneth K.: Underground resources of Kansas.

Bulletin of the University of Kansas, vol. 28, No. 17, November 1, 1927.

(Report of the Kansas state board of agriculture for the quarter ending December, 1926.)

Topeka. State printer. 1927. 154 p. Il.

No. 14.

Landes, Kenneth K.: Volcanic ash resources of Kansas.
 Bulletin of the University of Kansas, vol. 29, No. 8, April 15, 1928.
 Topeka. State printer. 1928. 58 p. Il.

No. 15.

Wing, Monta E.: The geology of Cloud and Republic counties, Kansas.
 (Bulletin of the University of Kansas, vol. 31, No. 9, May 1, 1930.
 (Topeka, Kansas. State printer. 1930.) 51 p. Pl. Map.

No. 16.

Landes, Kenneth K.: Geology of Mitchell and Osborne counties, Kansas.
 With a chapter on "Rocks not exposed," by J. W. Ockerman.
 (Bulletin of the University of Kansas, vol. 31, No. 9, May 15, 1930.)
 Topeka. State printer. 1930. 55 p. Pl. Map.

*No. 17.

Sayre, Albert Nelson: Fauna of the drum limestone of Kansas and western Missouri.
 (Reprinted from science bulletin, vol. 19, No. 8, part 2, July, 1930.)
 (Bulletin of the University of Kansas, vol. 31, June 15, 1930, No. 12.)
 Topeka. State printer. 1930. (4) + 75-204 p. Pl.

No. 18.

Elias, Maxim K.: The geology of Wallace county, Kansas.
 (Bulletin of the University of Kansas, vol. 32, No. 7, April 1, 1931.)
 Topeka. State printer. 1931. 254 p. Pl. Map.

No. 19.

Moss, Rycroft G.: The geology of Ness and Hodgeman counties, Kansas.
 (Bulletin of the University of Kansas, vol. 33, No. 18, December 1, 1932.)
 Topeka. State printer. 1933. 48 p. Pl. Map.

CIRCULARS

*No. 1.

Bulletins and maps.
 Lawrence, Kansas. 1926. 8 p.

No. 2.

Moore, Raymond C.: Early Pennsylvanian deposits west of the Nemaha
 Granite ridge, Kansas.
 Reprinted from bulletin of the American Association of Petroleum Geologists,
 vol. 10, No. 3, March, 1926.
 n.t.p. 205-216 p. Pl. Map.

No. 2.

Bulletins and maps.
 Lawrence, Kansas. 1929. 8 p.

No. 3.

(Elias, M. K.) Diatomaceous marl from western Kansas, a possible source
 of hydraulic lime.
 March 12, 1931. 5 p.

No. 4.

Newell, Norman D.: Mineral resources of Wyandotte county.
Issued May 18, 1931. (15) p. Map.

No. 5.

Moss, Rycroft G.: Preliminary report on ground-water resources of the shallow water basin in Scott and Finney counties, Kansas.
n.t.p. October 1, 1933. (2) + 7 p.

No. 6.

Moore, Raymond C.: Nature and origin of Kansas soils.
Reprinted from the twenty-seventh biennial report of the Kansas state board of agriculture.
n.t.p. 103-131 p. II. Maps.

No. 7.

Knight, G. L., and Landes, K. K.: Kansas laccoliths.
Reprinted from *Journal of Geology*, vol. 40, No. 1. January-February, 1932.
n.t.p. 15 p.

*No. 8.

Landes, Kenneth K., and Ockerman, J. W.: Origin of domes in Lincoln and Mitchell counties, Kansas.
Bulletin of the Geological Society of America, vol. 44.
New York. Geological Society of America. 1933. 529-540 p. Map.

No. 9.

Landes, Kenneth K.: Ground water supplies of Kansas.
(Reprinted from the *Southwest Waterworks Journal*, 1934.)
n.t.p. (4) p. Map.

CONTRIBUTIONS TO PALEONTOLOGY

No. 1.

Elias, Maxim K.: Grasses and other plants from the tertiary rocks of Kansas and Colorado.
Bulletin of the University of Kansas, vol. 33, No. 10, May 15, 1932.
University of Kansas science bulletin, vol. 20, No. 20, May 15, 1932.
(Issued October 1, 1932.) 333-367 p. Pl.

No. 2.

Hanna, G. Dallas: Pliocene diatoms of Wallace county, Kansas.
Bulletin of the University of Kansas, vol. 33, No. 10, May 15, 1932.
University of Kansas science bulletin, vol. 20, No. 21, May 15, 1932.
(Issued October 1, 1932.) n.t.p. 369-394 p. Pl.

No. 3.

Elias, Maxim K.: Cephalopods of the Pierre formation of Wallace county, Kansas, and adjacent area.
Bulletin of the University of Kansas, vol. 34, No. 5, March 15, 1933.
University of Kansas science bulletin, vol. 21, No. 9, March 15, 1933.
(1933.) 289-363 p. Pl.

MINERAL RESOURCES

1897.

- *Annual bulletin on mineral resources of Kansas, for 1897: Erasmus Haworth.
Lawrence, Kansas. July, 1898. 98 p. Pl.

1898.

- *Annual bulletin on mineral resources of Kansas, for 1898: Erasmus Haworth.
Lawrence, Kansas. July, 1899. 127 + (8) p. Pl.

1899.

- *Annual bulletin on the mineral resources of Kansas, 1899: Erasmus Haworth.
Lawrence, Kansas. May, 1900. 67 + (5) p. Pl.

1900-1901.

- *Annual bulletin of the mineral resources of Kansas, for 1900 and 1901: Erasmus Haworth.
Lawrence, Kansas. May, 1902. 78 p. Pl.

1902.

- *Annual bulletin on the mineral resources of Kansas, 1902: Erasmus Haworth.
Lawrence, Kansas. July, 1903. 135 + (1) p. Pl.

1903.

- *Annual bulletin on the mineral resources of Kansas, 1903: Erasmus Haworth.
Lawrence, Kansas. June, 1904. 50 p. Pl.

MINERAL RESOURCES CIRCULARS

No. 1.

- Kesler, L. W.: Oil and gas resources of Kansas in 1927.
Bulletin of the University of Kansas, vol. 29, No. 11, June 1, 1928.
Topeka. State printer. 1928. 60 p.

No. 2.

- Folger, Anthony: Part 1, Development of the oil and gas resources of Kansas in 1928 and 1929.
Hall, Roy H.: Part 2, Development of the oil and gas resources of Kansas in 1930.
(Bulletin of the University of Kansas, vol. 34, February 15, 1933, No. 4.)
Topeka. State printer. 1933. 174 p.

No. 3.

- Koester, Edward A.: Development of the oil and gas resources of Kansas in 1931 and 1932.
(Bulletin of the University of Kansas, vol. 35, August 1, 1934, No. 14.)
Topeka. State printer, 1934. 76 p.

REPORTS

1866.

*First annual report on the geology of Kansas for the year 1864, by B. F. Mudge.

Lawrence. John Speer. 1866. 56 p.

*Preliminary report of the geology of Kansas, by G. C. Swallow.

Lawrence, Kansas. John Speer. 1866. 198 p.

*Vol. 1.

Report on the stratigraphy of the carboniferous of Kansas and allied subjects: Erasmus Haworth and assistants.

Topeka. Kansas state printing plant. 1896. 12 + 320 p. Pl. Map.

*Vol. 2.

Report on the stratigraphy and general geology of western Kansas, including the upper Permian, the Cretaceous, and the Tertiary: Erasmus Haworth and assistants.

Topeka. State printer. 1897. 318 p. Il. Pl. Map.

*Vol. 3.

A special report on Kansas coals prepared by the department of physical geology and mineralogy of the University: Erasmus Haworth, assisted by W. G. Crane.

Topeka. State printer. 1898. 347 p. Pl. Map.

*Vol. 4.

Williston, Samuel W.: Paleontology—Part 1. Upper Cretaceous.

Topeka. State printer. 1898. 594 p. Pl. Por. Map.

Vol. 5.

Special report on gypsum and gypsum cement plasters: G. P. Grimsley and E. H. S. Bailey, with the assistance of Erasmus Haworth.

Topeka. State printer. 1899. 183 p. Pl. Map.

*Vol. 6.

Williston, Samuel W.: Paleontology—Part 2. Carboniferous and Cretaceous.

Topeka. State printer. 1900. 8 + 516 p. Pl.

*Vol. 7.

Special report on mineral waters of Kansas (prepared by the department of chemistry): E. H. S. Bailey, assisted by E. B. Kuerr, W. R. Crane and D. F. McFarland.

Topeka. State printer. 1902. 343 p. Pl. Map.

Vol. 8.

Special report on lead and zinc: Erasmus Haworth, W. R. Crane, A. F. Rogers and other assistants.

Topeka. State printing office. 1904. 15 + 543 p. Pl. Map.

*Vol. 9.

Special report on oil and gas of Kansas: Prepared by Erasmus Haworth and his assistants.

Topeka. State printing office. 1908. 14 + 586 p. Pl. Map.

IX

GOVERNMENTAL RESEARCH

1927.

*Nolting, Orin F.: Municipal insurance; a survey of the practices of cities in insuring their property and liability risks.

(Bulletin of the University of Kansas, vol. 28, May 1, 1927, No. 9.)

Lawrence, Kansas. Municipal reference bureau, University extension division (1927). 62 p.

No. 1.

Guild, Frederic H.; Snider, Clyde F.: Legislative procedure in Kansas. Bulletin of the University of Kansas, vol. 31, No. 17, November 1, 1930. Bureau of Governmental research and service, University of Kansas. 1930.

9 + 84 p.

X
HATTIE ELIZABETH LEWIS MEMORIAL
ESSAYS

APPLIED CHRISTIANITY

*1913.

Clyde, Nathana L.: The application of the teachings and example of Christ to the relationship of the native citizen to the immigrant. First prize.

Burkholder, William: A practical application of Christianity to the American race problem. Second prize.

University of Kansas news-bulletin, vol. 14, December 6, 1913, No. 5.

Lawrence. (Department of journalism, University of Kansas.) (1913.) 57 + (1).

1914.

Granger, Marshall A.: An application of the teachings of Christ to the relation of the employer to his employees. First prize.

University of Kansas news-bulletin, vol. 15, November 23, 1914, No. 9.

Lawrence, Kansas. (Department of journalism, University of Kansas.) (1914.) 28 + (2) p.

1915.

Flint, Herbert: An application of the teachings of Christ to the American Japanese problem. First prize.

University of Kansas news-bulletin, vol. 16, December 20, 1915, No. 1.

Lawrence. (Department of journalism, University of Kansas.) (1915.) 36 + (3) p.

1916.

Nelson, Ralph W.: How Christ would organize the world. First prize.

University of Kansas news-bulletin, vol. 17, January 15, 1917, No. 10.

Lawrence. (Department of journalism, University of Kansas.) (1917.) 32 p.

1917.

Watson, Charles H.: The employer, the wage earner and the law of love. First prize.

Lawrence. (Department of journalism, University of Kansas.) (1917.) 31 p.

1918.

Scott, James Armstrong: The Christian nations and The Hague. First prize.

Lawrence. (Department of journalism, University of Kansas.) (1918.) 48 p.

1921.

Albach, Robert Henry: The application of the teachings of Jesus to the responsibility of the capitalist to the public.

Lawrence. (Department of journalism, University of Kansas.) (1921.)
34 p.

1923.

Ensign, Rhea: America and the Near East. First prize. Eleventh award.
Number 9.

Lawrence. (Department of journalism, University of Kansas.) (1924.)
33 p.

*1926.

Smith, Pauline Herron: The United States and Japan: their problem and its solution. Thirteenth award. First prize. Number 10.

(Lawrence. Department of journalism, University of Kansas, n.d.) 39 p.

1928.

Tyler, Ernest Delbert: China at the crossroads. First prize. Fifteenth award. Number 11.

(Lawrence. Department of journalism, University of Kansas. n.d.) 44 p.

1931.

Rutledge, Leslie: Jesus' teachings and the use of leisure.

First prize. Eighteenth award. Number 12.

n.p. 1931. 26 + (1) p.

*1932.

Wirth, Frederick E.: Socialism: The political religion of a Christian.

First prize. Nineteenth award. Number 13.

n.p. 1932. 28 + (2) p.

*1933.

Johnson, Keith W.: Survival of the west.

First prize. Twentieth award. Number 14.

n.p. University of Kansas. 1933. 40 + (1) p.

In 1919, 1920, 1922, 1924, 1927, 1929, and 1930 the committee found that for various reasons it was not feasible to publish the prize essays. The first prize in 1919 was taken by George E. Struble; in 1920 by John R. Barnes; in 1922 by Rhea Ensign. In 1924 the second prize (the highest given) was won by Leland Overman. In 1925 no award was made. In 1927 the first prize was taken by Pauline H. Smith. In 1929 the second prize (the highest given) was won by Stanley E. Toland. In 1930 the first prize was taken by Ernest D. Tyler.

XI
HUMANISTIC STUDIES

Vol. 1, No. 1.

Croissant, DeWitt C.: Studies in the work of Colley Cibber.
Bulletin of the University of Kansas, vol. 14, October 1, 1912, No. 1.
Lawrence. University. October, 1912. (6) + 69 p.

Vol. 1, No. 2.

Mitchell, Arthur: Studies in Bergson's philosophy.
Bulletin of the University of Kansas, vol. 15, January 1, 1914, No. 4.
Lawrence. University. January, 1914. 115 p.

Vol. 1, No. 3.

Hogrefe, Pearl: Browning and Italian art and artists.
Bulletin of the University of Kansas, vol. 15, May 15, 1914, No. 13.
Lawrence. University. May, 1914. 78 p.

Vol. 1, No. 4.

Cressman, Edmund D.: The semantics of -mentum, -bulum, and -culum.
Bulletin of the University of Kansas, vol. 16, January 1, 1915, No. 4.
Lawrence. University. January, 1915. 56 p.

Vol. 2, No. 1.

Osborne, Edna: Oriental diction and theme in English verse, 1740-1840.
Bulletin of the University of Kansas, vol. 17, May 1, 1916, No. 9.
Lawrence. University. May, 1916. 142 p.

Vol. 2, No. 2.

Putnam, George E.: The land credit problem.
Bulletin of the University of Kansas, vol. 17, December 1, 1916, No. 18.
Lawrence. University. December, 1916. 107 p.

Vol. 2, No. 3.

Malin, James C.: Indian policy and westward expansion.
Bulletin of the University of Kansas, vol. 22, November 1, 1921, No. 17.
Lawrence. University. November, 1921. 108 p. Map.

Vol. 2, No. 4.

Barnes, Nellie: American Indian verse.
Bulletin of the University of Kansas, vol. 22, December 1, 1921, No. 18.
Lawrence. University. December, 1921. 63 p.

Vol. 3, No. 1.

McQuiston, Raymer: Relation of Ralph Waldo Emerson to public affairs.
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Lawrence. University. April, 1923. 62 + (1) p.

Vol. 3, No. 2.

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Vol. 3, No. 4.

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Vol. 4, No. 1.

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XII JOURNALISM

BULLETINS

Addresses delivered at Kansas Newspaper Week under the auspices of the Department of Journalism, University of Kansas, May 10-14, 1914.

*No. 1.

First question before the national conference.

*No. 2.

Second and third questions before the national conference.

No. 3.

Fourth, fifth and sixth questions before the national conference.

*No. 4.

Seventh and eighth questions before the national conference.

*No. 5.

Tennal, Ralph: A modern type of country journalism.

*No. 6.

Blanchard, Frank LeRoy: Community service.

*No. 7.

Morrow, Marco: Things to tell the merchant.

*No. 8.

Waldo, Richard H.: Second candle of journalism.

*No. 9.

Perry, George Hough: How country editors can get national advertising.

*No. 10.

Ball, F. M.: Circulation problems.

*No. 11.

Morrison, J. C.: Newspaper costs.

No. 12.

Gladden, Washington: Tainted newspapers, good and bad.

*No. 13.

King, Henry: When I was young as you are young.

*No. 14.

Villard, Oswald Garrison: Some weaknesses of modern journalism.

*No. 15.

Holt, Hamilton: Editor as schoolmaster.

*No. 16.

Herbert, B. B.: Training of newspaper makers.

Marcellus, George E.: Our advertising agency.

*No. 17.

Sheasgreen, Ed. E.: Printing costs.

*No. 18.

Lee, James Melvin: Selling newspaper space.

LEAFLETS

No. 1.

Dill, W. A.: Two views of news.

(Lawrence. University of Kansas, department of journalism press.) (3) p.

No. 2.

Flint, L. N.: What is a good newspaper?

(Lawrence. Department of journalism press, University of Kansas.) (3) p.

No. 3.

Benson, Ivan: Just between editors.

(Lawrence. Department of journalism press, University of Kansas.) (3) p.

No. 4.

Kistler, John J.: A little service, please.

(Lawrence. Department of journalism press, University of Kansas.) (3) p.

No. 5.

(Graves, Alfred): Courses in advertising at the University of Kansas.

(Lawrence. Department of journalism press, University of Kansas.) (5) p.

No. 6.

Some publications. By members of the staff. Department of journalism.
University of Kansas.

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No. 7.

Flint, L. N.: As a newspaper writer I will remember—

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1924.

University daily Kansan.

Almanac, 1924-'25.

Facts about the University of Kansas, including administration, athletics, and student organization, compiled by students of the department of journalism.

(Lawrence, Kansas. Department of journalism press, University of Kansas.) (1924.) 64 p.

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(Lawrence. University of Kansas. April, 1928.) 80 p.

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Kansas University athletic association. January, 1932. 32 p.

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XIII
MEDICINE

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Vol. 1.

Nos. 1-4. July, 1930, to April, 1931. Published quarterly. 11 + 12 + 15 + 12 p.

Vol. 2.

Nos. 1-4. July, 1931, to April, 1932. 8 + 12 + 16 + 21 p.

Vol. 3.

Nos. 1-4. July, 1932, to April, 1933. 8 + 15 + 16 + 12 p.

Vol. 4.

Nos. 1-2. July, 1933, to December, 1933. Published semiannually. 15 + 20 p.

Vol. 5.

Nos. 1-2. June, 1934, to December, 1934. 12 + 16 p.

PORTER LECTURES

Series I, delivered April 1 and 2, 1930.

Barker, Lewellys F.: The relation of psychology to medicine and recognition and treatment of commoner affective disorders.

Lawrence. University extension division. University of Kansas. 1930. (10) + 68 p.

Series II, delivered October, 1930.

Collins, Joseph: Some aspects of the art and practice of medicine.

Lawrence. University extension division. University of Kansas. 1933. (8) + 83 p.

Series III, delivered March, 1933.

Horsley, J. Shelton: Benign and cancerous gastric disturbances.

Lawrence. University extension division. University of Kansas. 1934. (8) + 56 p.

XIV
PSYCHOLOGY

STUDIES IN PSYCHOLOGY

(Not published at the University of Kansas)

No. 1.

Edited by Raymond Holder Wheeler.

Psychological monographs edited by Herbert S. Langfeld.

Psychological review publications, vol. 44, No. 1. Whole No. 197, 1933.

Princeton, N. J. Psychological Review Company, 1933. 5 + 300 p.

XV

SCIENCE

QUARTERLY

Vol. 1, July, 1892, to April, 1893.

Lawrence. University. 1893. (4) + 196 + (2) + 6 p. Pl. Map.

No. 1, July, 1892.

Williston, S. W.: Kansas pterodactyls, I.

Williston, S. W., and Case, E. C.: Kansas mosasaurs, I.

Snow, W. A.: Notes and descriptions of Syrphidæ.

Kellogg, V. L.: Notes on *Melitera dentata* Grote.

Williston, S. W.: Diptera Brasiliana, II.

*No. 2, October, 1892.

Newson, H. B.: Unicursal curves by method of inversion.

Carruth, W. H.: Foreign settlements in Kansas.

Bailey, E. H. S.: The Great Spirit Spring mound.

Riggs, H. C.: On Pascal's limaçon and the cardioid.

Carruth, W. H.: Dialect word list.

*No. 3, January, 1893.

Williston, S. W.: On the Apioceridæ and their allies.

Williston, S. W.: Diptera Brasiliana, III.

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Miller, E.: Modern higher algebra.

Carruth, W. H.: Dialect word list, II.

Murphy, E. C.: Maximum bending moments for moving loads in a parabolic arch-rib hinged at the ends.

No. 4, April, 1893.

Blackmar, F. W.: Penology in Kansas.

Hodder, F. H.: Bibliography of municipal government in the United States.

Vol. 2, July, 1893, to April, 1894.

Lawrence. The University. 1894. (4) + 6 + 290 p. Pl.

*No. 1, July, 1893.

Aldrich, J. M.: Revision of the genera *Dolichopus* and *Hygroceleuthus*.

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Candy, A. L.: The trisection of an angle.

Aldrich, J. M.: New genera and species of *Psilopinæ*.

*No. 2, October, 1893.

Kellogg, V. L.: Sclerites of the head of *Danaïs archippus* Fab.

Williston, S. W.: New or little-known Diptera.

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- Newson, H. B.: Linear geometry of the cubic and quartic. I.
 Bailey, E. H. S.: On the delicacy of the sense of taste among Indians.

*No. 3, January, 1894.

- Haworth, Erasmus; Kirk, M. Z.; Piatt, W. H. H.: Report on field work in geology for season of 1893 by the department of physical geology and mineralogy, University of Kansas.
 Case, E. C.: A geological reconnaissance in southwest Kansas and No Man's Land.
 Case, E. C.: Traces of a glacier at Kansas City, Mo.
 Aldrich, J. M.: New genera and species of Dolichopodidae.
 Snow, W. A.: Descriptions of North American Trypetidae, with notes, part 1.

*No. 4, April, 1894.

- Adams, E. D.: The control of the purse in the United States government.
 Hopkins, E. M.: The character and opinions of William Langland as shown in "The Vision of William Concerning Piers the Plowman."
 Williston, S. W.: Restoration of *Aceratherium fossiger* Cope.

Vol. 3, July, 1894, to April, 1895.

Lawrence. University. 1895. (4) + 9 + 309 p. Pl. Map.

*No. 1, July, 1894.

- Williston, S. W.: Vertebrate remains from the lowermost Cretaceous of Kansas.
 Williston, S. W.: A new turtle from the Benton Cretaceous.
 Williston, S. W.: Notes on *Uintacrinus socialis* Grinnell.
 Williston, S. W.: Restoration of *Platygonus*.
 Williston, S. W.: The genus *Dolichomyia*, with description of a new species from Colorado.
 Kellogg, Vernon L.: Taxonomic value of the scales of the Lepidoptera.
 Bailey, E. H. S., and Franklin, E. C.: A chemical examination of the waters of the Kaw river and its tributaries.

*No. 2, October, 1894.

- Newson, H. B.: The Hessian, Jacobian, Steinerian, etc., in geometry of one dimension.
 Murphy, E. C.: Irrigation in western Kansas.
 Menke, H. W.: Birds of Finney county, Kansas.
 Wellman, May H.: The prothorax of butterflies.
 Snow, W. A.: American Platypezidae.
 Emch, Arnold: A special class of connected surfaces.
 Carruth, W. H.: Foreign settlements in Kansas.

No. 3, January, 1895.

- Williston, S. W.: New or little known extinct vertebrates.
 Snow, W. A.: *Cnephalia* and its allies.
 Snow, W. A.: A new species of *Pelecocera*.
 Williston, S. W.: Exotic *Tabanidae*.
 Leighton, V. L., and Cady, H. P.: Chemical analysis of counterfeit gold dust.

Logan, William Newton: The temperature sense.

Snow, W. A.: American Platypezidae II.

No. 4, April, 1895.

Williston, S. W.: Semiarid Kansas.

Murphy, E. C.: Collection and storage of water in Kansas.

Snow, W. A.: Diptera of Colorado and New Mexico.

Snow, W. A.: Supplementary list of North American Syrphidae.

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Williston, S. W.: New Bombyliidae.

Haworth, Erasmus: The stratigraphy of the Kansas coal measures.

Haworth, Erasmus: Division of the Kansas coal measures.

Haworth, Erasmus: The coal fields of Kansas.

Vol. 4, July, 1895, to April, 1896.

Lawrence. The University. 1896. (10) + 252 + (3). Pl.

No. 1, July, 1895.

Bailey, E. H. S.: Natural gas and coal oil in Kansas.

Blackmar, F. W.: Experiments in the solution of the labor problem.

Snow, Martha Boutelle: The servant-girl problem.

Moody, A. E.: The condition of packing house employees.

Williston, S. W.: Notes on the mandible of Ornithostoma.

Murphy, E. C.: Notes of air resistance and pressure.

Haworth, Erasmus: The Coffeyville explosion.

No. 2, October, 1895.

Newson, H. B.: Continuous groups of projective transformations treated synthetically.

Murphy, E. C.: The theoretical and measured pumping power of windmills.

Williston, S. W.: Two remarkable new genera of Diptera.

Emch, Arnold: Involutoric transformation of the straight line.

Snow, W. A.: On Toxotrypana of Gerstaecker.

No. 3, January, 1896.

Crane, W. R.: A curvimeter.

Kirk, M. Z.: The sands of the Kansas river valley.

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Swen, Earl G.: A preliminary report on the glaciated area of Kansas.

Stewart, Alban: A geological section at Providence, Mo.

Murphy, E. C.: Notes on the discharge of the Kansas river at Lawrence, Kan., since 1881.

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- Emch, Arnold: Involutoric collineation in the plane and in space.
 Holmes, David H.: A study of the type of the Greek Epitaphios with special reference to the oration in Thucydides.
 Riggs, Elmer S.: A new species of *Diniotis* from the White river miocene of Wyoming.
 Newson, H. B.: Continuous groups of projective transformations treated synthetically.

Vol. 5, July, 1896, to October, 1896.

Lawrence, University, 1896. (6) + 138 p. Pl.

No. 1, July, 1896.

- Emch, Arnold: Projective groups of perspective collineations in the plane, treated synthetically.
 Riggs, E. S.: *Hoplophoneus occidentalis*.
 Williston, S. W.: One of the dermal coverings of *Hesperornis*.
 Hodder, F. H.: The duty of the scholar in politics.

No. 2, October, 1896.

- Newson, H. B.: Continuous groups of projective transformations treated synthetically.
 Emch, Arnold: Theory of compound curves in railroad engineering.
 Rouse, John E.: The visual perception of distance.
 Holmes, David H.: The limitations of the composition of verbs with prepositions in Thucydides.

Vol. 6, Series A, January, 1897, to October, 1897.

Lawrence. University. 1896. 9 + 210 p. Pl.

*No. 1, January, 1897.

- Williston, S. W.: *Diptera Brasiliana*, part IV.
 Stewart, Alban: Restoration of *Oreodon culbertsonii* Leidy.
 Grimsley, G. P.: Gypsum in Kansas.
 Bailey, E. H. S.; Whitten, W. H.: On the chemical composition of some Kansas gypsum rocks.
 Williston, S. W.: Restoration of *Ornithostoma* (*Pteranodon*).
 Williston, S. W.: Notice of some vertebrate remains from the Kansas Permian.
 Williston, S. W.: A new Plesiosaur from the Kansas Comanche Cretaceous.
 Bartow, Edward; Macomb, J. N., Jr.: Table for the calculation of analyses.

*No. 2, April, 1897.

- Newson, H. B.: Types of projective transformations in the plane and in space.
 Cady, Hamilton P.: A new explosive compound formed by the action of liquid ammonia upon iodine.
 Dunstan, A. St. C.; Rice, M. E.; Kraus, C. A.: The effect of magnetism upon the spectral lines of sodium.
 Murphy, E. C.: Results of windmill tests.
 Williston, S. W.: *Brachysaurus*, a new genus of Mosasaurs.
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 Brown, Barnum: Two new species of Asilids from New Mexico.

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- Williston, S. W.: Restoration of Kansas mosasaurs.
 Bailey, E. H. S.; Palmer, Chas. M.: Salicylic acid and calcium sulfite as preservatives of cider.
 Bailey, E. H. S.: On the composition of the Louisville mineral water.
 Gowell, R. C.: The myology of hind limb of the raccoon (*Procyon lotor*).
 Stewart, Alban: Notes on the osteology of bison antiquus Leidy.
 Kahl, Paul Hugo Isidor: New species of the syrphid genera *Mixogaster* Macq. and *Ceria* Fabr.

*No. 4, October, 1897.

- Prosser, Chas. S.: The Permian and upper Carboniferous of southern Kansas.
 Williston, S. W.: Range and distribution of the mosasaurs, with remarks on synonymy.
 Logan, W. N.: Some new cirriped Crustaceans from the Niobrara Cretaceous of Kansas.
 Murphy, E. C.: Power of a twelve-foot "power" windmill.
 Grove, Bessie E.: On new canonical forms of the binary quintic sextic.
 Bailey, E. H. S.; Lange, Wm.: On the action of sulphuric acid upon strychnine, in the separation of this alkaloid from organic matter.
 Williston, S. W.: A new labyrinthodont from the Kansas Carboniferous.

Vol. 6, Series B, January, 1897, to October, 1897.

Lawrence. University. 1897. 6 + 180 p. Pl.

No. 1, January, 1897.

- Hopkins, E. M.: The use of analysis in logical composition.
 Carruth, W. H.: Dialect word list, No. 3.

No. 2, April, 1897.

- Blackmar, F. W.: Productive coöperation in England.
 Carruth, W. H., and Alder, Eugene C.: Pronouns used in address in Lessing's dramas.
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- Templin, Olin: The duty of the state to the scholar.
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No. 4, October, 1897.

- Hopkins, E. M.: Notes on brief-making.
 Carruth, W. H.: Pronouns of address in "The Idyls of the King."
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Vol. 7 (Series A), January to December, 1898.

Lawrence. University. 1898. 9 + (3) + 233 p. Pl. Map.

*No. 1, January, 1898.

- Shutt, C. E.: Experiments in judging the distance of sound.
 Ikenberry, L. D.; Shutt, C. E.: Experiments in judging the direction of sound.

- Beede, J. W.: New corals from the Kansas carboniferous.
 Adams, Geo. I.: A geological map of Logan and Gove counties.
 Stewart, Alban: A contribution to the knowledge of the Ichthyic fauna of the Kansas Cretaceous.
 Rice, M. E.: Alternating currents in Wheatstone's bridge.
 Barber, Marshall: Adulterations of buckwheat flour sold in the Lawrence market.

*No. 2, April, 1898.

- Palmer, Walter K.: The designing of cone pulleys.
 Stevens, William C.: The behavior of kinoplasm and nucleolus in the division of the pollen mother cells of *Aschepias cornuti*.
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- Stewart, Alban: Individual variations in genus *Xiphactinus* Leidy.
 Adams, Geo. I.: A geological reconnoissance in Grant, Garfield and Woods counties, Oklahoma.
 Newson, H. B.: Normal forms of projective transformations.
 Gilbert, J. Z.: On the skull of *Xerobates* (?) *undata* Cope.
 Ward, Frank E.: A plan for increasing the capacity of the steam-heating plant of the Spooner Library, University of Kansas.
 Palmer, W. K.: The hyperbolic spiral.
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*No. 4, October, 1898.

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 Beede, J. W.: Notes on *Campophyllum torquium* Owen, and a new variety of *Monopteria gibbosa* Meek and Worthen.
 Stewart, Alban: A preliminary description of seven new species of fish from the Cretaceous of Kansas.
 McClung, C. E.: Refractive index and alcohol-solvent power of a number of clearing and mounting media.
 Wagner, George: On some turtle remains from the Fort Pierre.
 Hunter, S. J.: Parasite influence on *Melanoplus*.
 Palmer, Walter K.: A graphical method of constructing the catenary.
 Beede, J. W.: Preliminary notice on the correlation of the Meek and Marcou section at Nebraska City, Nebraska, with the Kansas coal measures.

Vol. 7, Series B.

Lawrence. University. 1899. (4) + 119.

Nos. 1 and 2, April, 1898.

- Hopkins, E. M.: Notes on Piers Plowman.
 Blackmar, F. W.: Economic and social influences of irrigation.

No. 3, July, 1898.

Canfield, A. G.: The tone of literature and the writer's responsibility.

No. 4, April, 1899.

Walker, A. T.: The sequence of tenses in Latin.

Williston, S. W.: Some prehistoric ruins in Scott county, Kansas.

Vol. 8, Series A. Science and mathematics.

Lawrence. University. 1899. (8) + 189 + 34 p. Pl.

No. 1, January, 1899.

Hunter, S. J.: The Coccidae of Kansas.

Lucas, F. A.: The characters of *Bison occidentalis*, the fossil bison of Kansas and Alaska.

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Barber, Marshall A.: Diphtheria in Kansas.

Stewart, Alban: *Pachyrhizodus minimus*, a new species of fish from the Cretaceous of Kansas.

Williston, S. W.: Some additional characters of the mosasaurs.

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Newson, Henry B.: The five types of transformations of the plane.

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Beede, J. W.: Description of some new forms of *Pseudomonotis* from the upper coal measures of Kansas.

Dunstan, A. St. C.; Rice, M. E.: Note on the yellow helium line.

Logan, W. N.: Some additions to the Cretaceous invertebrates of Kansas.

Wagner, George: On *Tetracaulodon* (*Tetrabelodon*) *shepardii* Cope.

Rogers, Austin F.: Cuprogoslarite, a new variety of zinc sulphate.

No. 3, July, 1899.

Stewart, Alban: Notice of three new Cretaceous fishes, with remarks on the Sauropondontidae Cope.

Williston, S. W.: A new genus of fishes from the Niobrara Cretaceous.

Stewart, Alban: Notes on the osteology of *Anogimus polymicrodus* Stewart.

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Prosser, C. S.: Note on the distribution of the Cheyenne sandstone.

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Vol. 8, Series B. Philology and history, October, 1899.

Lawrence, Kan., by the University. (1899.) 30 p. Maps.

(Series B discontinued with this volume.)

*No. 1, October, 1899.

Adams, E. D.: The partition of Africa.

Blackmar, F. W.: Taxation in Kansas, II.

Vol. 9, Series A. Science and mathematics, 1900.

Lawrence. University. 1900. 6 + 274 p. Pl. Map.

No. 1, January, 1900.

Rogers, Austin F.: A new genus and new species of bryozoans from the coal measures of Kansas and Missouri.

Beede, J. W.: Two new crinoids from the Kansas Carboniferous.

Williston, S. W.: Some fish teeth from the Kansas Cretaceous.

Sellards, E. H.: Note on the Permian flora of Kansas.

Newson, H. B.: On the construction of collineations.

McClung, C. E.: The spermatocyte divisions of the Acrididae.

No. 2, April, 1900.

Hunter, S. J.: Coccidae of Kansas, III.

Logan, W. N.: The stratigraphy and invertebrate faunas of the Jurassic formation in the Freeze-out hills of Wyoming.

Sutton, Walter S.: The spermatogonial divisions in *Brachystola magna*.

Rogers, Austin F.: Annotated list of the minerals occurring in the Joplin lead and zinc district.

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Hyde, Ida. H.: Collateral circulation in the cat after ligation of the postcava.

Rogers, Austin F.: Occurrence of the byryozoan genus *Rhabdomeson* in America.

Gould, C. N.: Stratigraphy of the McCann sandstone.

Sellards, E. H.: A new genus of ferns from the Permian of Kansas.

Beede, J. W.: A reconnaissance in the Blue Valley Permian.

Hough, G. de N.: South America Muscidae in the collection of S. W. Williston.

No. 4, October, 1900.

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Bartow, Edward: Microscopic comparison of samples of white arsenic.

Cady, Hamilton P.: The detection of arsenic, antimony and tine.

Harris, J. Arthur: Annotated catalogue of the crayfishes of Kansas.

Vol. 10, Series A. Science and mathematics (with general index to volumes 1-10).

Lawrence. University. 1901. (4) + 204 + 8 p.

(Vol. 10 superseded by the Kansas University Science Bulletin.)

No. 1, January, 1901.

Sellards, E. H.: Permian plants—*Taeniopteris* of the Permian of Kansas.

Newson, H. B.: On the group of 216 collineations in the plane.

No. 2, April, 1901.

Newson, H. B.: On the group and subgroups of real collineations leaving a tetrahedron invariant. (A new theory of collineations in space, I.)

- Harris, J. Arthur: The dimorphism of *Cambarus*, I.
 Blackman, M. W.: Spermatogenesis of the myriapods, I.
- No. 3, July, 1901.
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- No. 2, May, 1920.
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† Discrepancy in the whole series number; vol. 28 should be vol. 27.

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Stouffer, E. B.; Smith, R. G.: Derivation of certain relations involving sums of determinants.

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No. 6, November, 1929. (Whole series, vol. 30.)

Taylor, Edward H.: List of reptiles and Batrachians of Morton county, Kansas, reporting species new to the state fauna.

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Taylor, Edward H.: A species of lizard new to the fauna of the United States; *Eumeces callicephalus* Bocourt.

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† Discrepancy in the whole series number; vol. 32 should be vol. 30.

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- No. 2, March, 1933. (Whole series, vol. 34.)
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† Discrepancy in the whole series; vol. 34 should be vol. 31.

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