

BIBLIOGRAPHY OF IOWA PUBLICATIONS 419

STATE AGRICULTURAL COLLEGE

Eighteenth biennial report | of the | Iowa state college of agricul-  
ture | and the | mechanic arts | including | report of experiment sta-  
tion | made to | the governor of the state | for the years 1898-99 |  
Printed by order of the General assembly. | Des Moines: | F. R.  
Conaway, state printer, | 1899. |

101 p. O. cl.

Contained also in the set of Iowa documents, 1900, vol. 2.

Iowa state college | of | agriculture | and | the mechanic arts | Cat-  
alog 1898-99 | "Science with practice" | 1899 | By the college. |  
Ames. |

258 p. O. pap.

Iowa state college | of | agriculture | and | the mechanic arts | Cat-  
alog 1899-1900. | "Science with practice" | 1900 | By the college. |  
Ames. |

295 p. O. pap.

[ Quotation 4 lines ] | An illustrated compendium | of the | Iowa state  
college | of agriculture and mechanic arts, | Ames, Iowa. | Dedicated  
to the students and alumni | of the college. | Des Moines, Iowa: |  
Printed by the Kenyon press, | 1898. |

18 p. pl. O. pap.

The outer cover reads:

Illustrated compendium, | 1898 | I. A. C. | Iowa state college |  
agriculture and mechanic arts | Ames, Iowa. |

[ Quotation, 7 lines ] | An illustrated compendium | of the | Iowa  
state college | of | agriculture and the mechanic arts | Ames, Iowa. |  
Dedicated to the students and alumni | of the college. | Des Moines,  
Iowa: | Printed by the Kenyon press, | 1899. |

128 p. illus. O. pap.

Bulletin no. 37. 1898. | Iowa agricultural college. | Experiment  
station, | Ames, Iowa. | [ Cut of beet patch ] | Sugar beet investiga-  
tions—1897. | Intelligencer printing house | Ames, Iowa, | 1898. |

20 p. O. pap.

420 IOWA JOURNAL OF HISTORY AND POLITICS

Bulletin no. 38. | 1898. | Experiment station | Iowa state college of agriculture and | mechanic arts. | The Russian thistle. | Des Moines: | F. R. Conaway, state printer. | 1898. |

24 p. O. pap.

Bulletin no. 39. | 1898. | Experiment station | Iowa state college of agriculture | and mechanic arts. | Weeds of corn fields. | Des Moines: | Conaway & Shaw, printers. | 1898. |

23-52 p. O. pap.

Bulletin no. 40. 1899. | Iowa agricultural college | Experiment station. | Ames, Iowa. | The relation of acid fermentation | to butter flavor and aroma. | Ames, Iowa. | Intelligencer printing house. | 1899. |

53-64 p. O. pap.

Bulletin no. 41. | 1899 | Iowa agricultural college | Experiment station. | Department of horticulture and forestry. | Some reports from trial stations on new | orchard fruits and shrubs. | Des Moines, Iowa, | Kenyon printing and manufacturing co., | 1899. |

65-129 p. O. pap.

Bulletin no. 42. | 1899. | Iowa agricultural college | Experiment station. | Ames, Iowa. | Horse nettle as a troublesome weed in Iowa. | Two other troublesome weeds. | Potato scab. | Ames, Iowa. | Intelligencer printing house. | 1899. |

130-142 p. illus. O. pap.

Bulletin no. 43. | 1899. | Iowa agricultural college. | Experiment station. | Ames, Iowa. | Some injurious scale insects. | Ames, Iowa. | Intelligencer printing house | 1899. |

143-176 p. illus. O. pap.

STATE DAIRY ASSOCIATION

Twenty-second annual report | of the | Iowa state dairy association | held at | Waterloo, Iowa, | November 1, 2, 3, 1898. | Compiled by J. C. Daly, secretary. | Stenographic report by D. A. Long, | Des Moines: | F. R. Conaway, state printer, | 1899. |

87 p. O. pap.

BIBLIOGRAPHY OF IOWA PUBLICATIONS 421

Report | of the | twenty-third annual convention | of the | Iowa state dairy association | held at | Mason City, Iowa, November 15, 16, 17, 1899 | Compiled by J. C. Daly, secretary. | Stenographic report | by Mary Burdsall | Des Moines | F. R. Conaway, state printer, | 1900.

135 p. O. pap.

STATE HISTORICAL SOCIETY

Twenty-second biennial report | of the | Board of curators | of the | State historical society | to the | governor of the state. | 1899. | Printed by order of the General assembly. | Des Moines: | F. R. Conaway, state printer. | 1899. |

12 p. O. pap.

Contained also in the set of Iowa documents, 1900, vol. 2.

Iowa | historical record, | published by the | State historical society, | at | Iowa City. | Volumes XIII, XIV, and XV. | 1897-98-99. | Iowa City, Iowa: | 1899. |

576 p. por. pl. O.

Issued quarterly, four numbers constituting a volume and three volumes bound together in one book. Vols. 14 and 15 only belong to the period covered by this bibliography, 1898-99.

STATE LIBRARY

Biennial report | of the | state librarian | to the | governor of the state of Iowa. | July 1, 1899. | Johnson Brigham, | state librarian. | Printed by order of the General assembly. | Des Moines: | F. R. Conaway, state printer. | 1899 |

268 p. O. pap.

Contained also in the set of Iowa documents, 1900, vol. 2.

STATE NORMAL SCHOOL

Twelfth biennial report | of the | State normal school | at | Cedar Falls, Iowa. | School years 1897-98 and 1898-99. | Printed by order of the General assembly. | Des Moines: | F. R. Conaway, state printer. | 1899. |

46 p. O. pap.

Contained also in the set of Iowa documents, 1900, vol. 2.

422 IOWA JOURNAL OF HISTORY AND POLITICS

Catalog and circular | of the | State normal school | Cedar Falls, Iowa. | 1898. | Gazette | book and job printers | Cedar Falls. | 118 p. illus. O. pap.

State normal school | Cedar Falls, Iowa. | General announcement. | Summer term, 1899. | Calendar for school year, 1899-1900 [25 lines] |

12 p. O. pap.

Catalog and circular | of the | State normal school | Cedar Falls, Iowa. | 1899. | Burlington: | The Hawk-eye company, | printers. | 133 p. illus. O. pap.

STATE TEACHERS' ASSOCIATION

Proceedings | of the | forty-fourth annual session | of the | Iowa state teachers' association, | held at Des Moines, Iowa, | December 27, 28, 29, 1898. | Officers | President—Prof. A. N. Currier, Iowa City | secretary,—Co. supt. Carrie M. Goodell, Corydon. | Vice-presidents,—Supt. F. E. Willard, Marshalltown; Supt. Carrie B. Parker, | Spencer; Prin. J. H. Beveridge, Glidden. | Executive committee—Supt. F. J. Sessions, Waterloo, Chairman; Kate E. Corkhill, Indianola; W. F. Chevalier, Red Oak, | Treasurer—G. W. Samson, Cedar Falls. |

200 p. O. pap.

Outer cover reads:

Proceedings | of the | Iowa state | teachers' association | forty-fourth annual session. | Des Moines, Iowa | December, 27, 28, 29, 1898. | Printed by order of the General assembly, | Des Moines: | F. R. Conaway, state printer. | 1899. |

Proceedings | of the | forty-fifth annual session | of the | Iowa state teachers' association, | held at Des Moines, Iowa, | December 27, 28, 29, 1899. | Des Moines | F. R. Conaway, state printer | 1900 | 200 p. O. pap.

STATE UNIVERSITY

Report | of the | State university | of Iowa. | October 15, 1899. | Printed by order of the General assembly. | Des Moines: | F. R. Conaway, state printer. | 1899. |

70 p. O. pap.

Contained also in the set of Iowa documents, 1900, vol. 2.

BIBLIOGRAPHY OF IOWA PUBLICATIONS 423

Catalogue | of the | State university of Iowa | Iowa City, Iowa | 1897-98 | and | Announcement for 1898-99 | Published by the university | 1898. |

264 p. D. pap.

Annual announcement | of the | dental department | of the | State university of Iowa | Iowa City, Iowa | 1898-99 | Published by the university | 1898. |

32 p. D. pap.

Annual announcement | of the | dental department | of the | State university of Iowa | Iowa City, Iowa | 1899-1900 | Published by the university | 1899 |

30 p. D. pap.

Annual announcement | of the | law department | of the | State university of Iowa | Iowa City, Iowa | 1898-99 | Published by the university | 1898 |

32 p. D. pap.

Annual announcement | of the | law department | of the | State university of Iowa | Iowa City, Iowa | 1899-1900 | Published by the University | 1899 |

29 p. D. pap.

Annual announcement | of the | medical department | of the | State university of Iowa | Iowa City, Iowa | 1898-99 | Published by the university | 1898 |

35 p. D. pap.

Annual announcement | of the | medical department | of the | State university of Iowa | Iowa City, Iowa | 1899-1900 | Published by the university | 1899 |

33 p. illus. D. pap.

Fourteenth annual announcement | of the | department of | pharmacy | of the | State university of Iowa | Iowa City, Iowa | 1898-99 | Published by the university | 1898 |

16 p. illus. D. pap.

Fifteenth annual announcement | of the | department of pharmacy |

424 IOWA JOURNAL OF HISTORY AND POLITICS

of the | State university of Iowa | Iowa City, Iowa | 1899-1900 |  
Published by the university | 1899 |

16 p. illus. D. pap.

The State university of Iowa. | Graduate and undergraduate |  
courses of instruction | in | political science, history, | government,  
and law. | Announcement for 1898-99. | Iowa City, Iowa. | 1898. |

28 p. O. pap.

Twenty-second annual announcement | of the | homoeopathic |  
medical department | of the | State university of Iowa | Iowa City,  
Iowa | 1898-99 | Published by the university | 1898 |

21 + [3] p. O. pap.

Twenty-third annual announcement | of the | homoeopathic | med-  
ical department | of the | State university of Iowa | Iowa City, Iowa |  
1899-1900 | Published by the university | 1899 |

22 p. D. pap.

Vol. IV. no 3. | Bulletin | from the | laboratories of natural his-  
tory | of the | State university of Iowa. | Published | by authority of  
the regents. | Iowa City, Iowa: | June, 1898. |

312 p. pl. O. pap.

The outer cover bears contents, 9 lines, in addition to the above.

Vol. IV. no. 4. | Bulletin | from the | laboratories of natural his-  
tory | of the State university of Iowa. | Published | by authority of  
the regents. | Iowa City, Iowa: | December, 1898. |

402 p. pl. O. pap.

Outer cover bears contents, 3 lines, in addition to the above.

The income tax cases | and some comments thereon | An address de-  
livered on the invitation of the | faculty, before the graduating class  
of the | law department of the State univer | sity of Iowa, at the  
annual com | mencement, June 8, 1898. | By | David J. Brewer, LL.  
D., | associate justice of the Supreme court of the United States. |  
Published by the university, | Iowa City: | 1898. |

23 p. O. pap.

Bulletin of the university of Iowa—new series | Published bi-  
monthly Nos. 1 and 2 Double number: \$1.00 | Studies in sociology

economics politics and history | Volume one | Studies in | the poli-  
tics of Aristotle | and | the republic of Plato | by Isaac Althaus Loos |  
professor of political science | 1899 | The university press | Iowa City,  
Iowa | [Notice, 2 lines] |

296 p. O. pap.

Catalogue | of the | State university of Iowa | Iowa City, Iowa |  
1898-99 | and | Announcement for 1899-1900 | Published by the  
university | 1899 |

260 p. D. pap.

Bulletin new series, vol. 1, no. 3. May 15, 1899.

The higher duties of | the lawyer. | An address delivered on the  
invitation of the | faculty, before the graduating class of the | law  
department of the State university of Iowa, at the annual com- |  
mencement, June 7, 1899. | By John Campbell, A. M., LL.B., |  
chief justice of the Supreme court of Colorado. | Iowa City | Pub-  
lished by the university, | 1899. |

23 p. O. pap.

Bulletin new series no. 4; July 15, 1899.

A portion of the edition was erroneously numbered 6.

University News Bulletin. Volume 1, Nos. 1-6, July 1-Decem-  
ber 1, 1899.

Broadside, issued monthly.

Bulletin of the university of Iowa | New series. Vol. 1. No. 5. |  
University of Iowa | Studies in psychology | edited by | George T.  
W. Patrick, | professor of philosophy. | Volume II. | Contents. [12  
lines] | Iowa City, Iowa, | University of Iowa. | 1899. | [Notice, 1  
line] |

163 p. O. pap.

Vol. V. No. 1. | Bulletin | from the | laboratories of natural his-  
tory | of the | State university of Iowa. | Report on the ophinroidea  
collected by the | Bahama expedition in 1893. | By Professor A. E.  
Verrill. | Published by authority of the regents. | Iowa City, Iowa: |  
September, 1899. |

86 p. pl. O. pap.

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The Transit | Published annually | Edited by the | Engineering society | of the | university of Iowa | Vol. VI, 1898 | Price, fifty cents | The Transit | state university of Iowa | Iowa City, Iowa | 1898. |

76 p. O. pap.

The Transit | Published annually | Edited by the | Engineering society | of the | university of Iowa, | Vol. VII, 1899 | Price, fifty cents | The Transit | The state university of Iowa | Iowa City, Iowa | 1899. |

114 p. O. pap.

Both the above are issued by university money.

The | law bulletin | of | the State university | of Iowa | for the use of students | Edited by the faculty of the law department | Number twenty-seven | February 1898 | Contents [ 3 lines ] | Iowa City | Published by the university | 1898 |

26 p. O. pap.

The | law bulletin | of | the State university | of Iowa | for the use of students | Edited by the faculty of the law department | Number twenty-eight | April 1898 | contents [ 5 lines ] | Iowa City | Published by the university | 1898 |

30 p. O. pap.

The | law bulletin | of | the State university | of Iowa | for the use of students | Edited by the faculty of the law department | Number twenty-nine | October 1898 | Contents [ 4 lines ] | Iowa City | Published by the university | 1898 |

28 p. O. pap.

The | law bulletin | of | the State university | of Iowa | for the use of students | Edited by the faculty of the law department | Number thirty | December 1898 | Contents [ 2 lines ] | Iowa City | Published by the university | 1898 |

28 p. O. pap.

The | law bulletin | of | the State university | of Iowa | for the use of students | Edited by the faculty of the law department | Number



thirty-one | February 1899 | Contents [ 3 lines ] | Iowa City | Published by the university | 1899 |

24 p. O. pap.

The | law bulletin | of | the State university | of Iowa | for the use of students | Edited by the faculty of the law department | Number thirty-two | April 1899 | Contents [ 4 lines ] | Iowa City | Published by the university | 1899 |

30 p. O. pap.

The | law bulletin | of | the State university | of Iowa | for the use of students | Edited by the faculty of the law department | Number thirty-three | October 1899 | Contents [ 3 lines ] | Iowa City | Published by the university | 1899 |

28 p. O. pap.

The | law bulletin | of | the State university | of Iowa | for the use of students | Edited by the faculty of the law department | Number thirty-four | December 1899 | Contents [ 4 lines ] | Iowa City | Published by the university | 1899 |

22 p. O. pap.

#### SUPREME COURT

Reports | of | cases at law and in equity | determined by the | Supreme court | of the | state of Iowa. | December 15, 1897—April 6, 1898. | By | Benj. I. Salinger. | Volume XV, | being volume CIV of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, publisher. | 1898. |

XII + 867 p. O. sh.

Reports | of | cases at law and in equity | determined by the | Supreme court | of the | state of Iowa. | April 6, 1898—May 25, 1898. | By | Benj. I. Salinger. | Volume XVI, | being volume CV of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, publisher. | 1898. |

XII + 870 p. O. sh.

Reports | of | cases at law and in equity | determined by the | Supreme court | of the | state of Iowa. | May 25, 1898—December 16, 1898. | By | Benj. I. Salinger. | Volume XVII, | being volume CVI

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of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, publisher. | 1899. |

VIII + 860 p. O. sh.

Reports | of | cases at law and in equity | determined by the | Supreme court | of the | state of Iowa. | December 16, 1898-April 6 1899. | By | Benj. I. Salinger. | Volume XVIII, | being volume CVII of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, publisher. | 1899. |

VIII + 855 p. O. sh.

Reports | of | cases at law and in equity | determined by the | Supreme court | of the | state of Iowa. | April 6, 1899-May 26, 1899. | By | Benj. I. Salinger. | Volume [X] IX, | being volume CVIII of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, publisher | 1899. |

XXVI + 865 p. O. sh.

Reports | of | cases at law and in equity | determined by the | Supreme court | of the | state of Iowa. | May 26, 1899-December 14, 1899. | By | Benj. I. Salinger. | Volume XX, | being volume CIX of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, publisher | 1899. |

VIII + 879 p. O. sh.

TREASURER OF STATE

Biennial report | of the | treasurer of state of Iowa | for the | biennial period ending June 30, 1899 | John Herriott | treasurer of the state of Iowa | Des Moines | F. R. Conaway, state printer | 1899 |

289 p. O. cl.

Contained also in the set of Iowa documents, 1900, vol. 1.

VETERINARY SURGEON

Second biennial report | of the | veterinary surgeon | of the | state of Iowa | to the | governor of Iowa | for the period ending June 30, 1899 | Printed by order of the General assembly | Des Moines: | F. R. Conaway, state printer | 1899 |

52 p. por. O. pap.

Contained also in the set of Iowa documents, 1900, vol. 4.

## WEATHER AND CROP SERVICE

United States | Department of agriculture, | Weather bureau. | Annual report | of the | Iowa weather and crop service | in co-operation with the | United States weather bureau, | for the year 1898. | John R. Sage, Director. Geo. M. Chappel, M. D., | local forecast official U. S. weather bureau, assistant director | Printed by order of the General assembly. | Des Moines: | F. R. Conaway, state printer, | 1899. |

86 p. map, O. pap.

Contained also in the set of Iowa documents, 1900, vol. 5.

United States | Department of agriculture, | Weather bureau. | Annual report | of the | Iowa weather and crop service | in co-operation with the | United States weather bureau, | for the year 1899. | John R. Sage, director. Geo. M. Chappel, local forecast official U. S. weather bureau, assistant director. | Printed by order of the General assembly. | Des Moines: | F. R. Conaway, state printer. | 1900. |

74 p. tabs. O. pap.

Contained also in the set of Iowa documents, 1900, vol. 5.

U. S. Department of agriculture—Weather Bureau. Monthly review of the Iowa weather and crop service. Volume IX. January–December, 1898. No. 1–12.

U. S. Department of agriculture—Weather Bureau. Monthly review of the Iowa weather and crop service. Volume X. January–December, 1899. No. 1–12.

U. S. Department of agriculture, Weather Bureau. | Weather-crop bulletin | of the | Iowa weather and crop service | Vol. IX. |

Broadside, 3 columns, issued weekly, April 11–September 19, 1898, nos. 1–24.

U. S. Department of agriculture, Weather bureau. | Weather-crop bulletin | of the | Iowa weather and crop service. | Vol. X. |

Broadside, 3 columns, issued weekly, April 10–September 12, 1899, nos. 1–23.