

A BIBLIOGRAPHY OF IOWA STATE PUBLICA-
TIONS FOR 1902 AND 1903

INTRODUCTION

This third installment of the *Bibliography of Iowa State Publications* lists the Iowa public documents for the biennial period of 1902 and 1903. Parts one and two, giving the documents for 1900 and 1901, and 1898 and 1899, have already appeared in *THE IOWA JOURNAL OF HISTORY AND POLITICS* for July, 1903, and July, 1904, respectively. Again every effort has been exerted to make the list complete; but not all the departments of the State have permanent mailing lists and even a search through the office files themselves sometimes serves chiefly as a reminder of the fact that pamphlets are elusive.

The question has been asked why such material as the programs of the State Teachers' Association and premium lists of the Agricultural Society are not included in the bibliography. It is the purpose of this bibliography to include only such documents as are published by the State, with State money; hence, all material printed by private means or from other than State funds, even though distributed by State departments or societies, is necessarily excluded.

Acknowledgments for assistance in collecting material are due Mr. T. J. Fitzpatrick.

MARGARET BUDINGTON

THE STATE HISTORICAL SOCIETY OF IOWA
IOWA CITY

BIBLIOGRAPHY

ACADEMY OF SCIENCES

Proceedings | of the | Iowa academy of sciences | for 1902, | Vol-
ume X. | Edited by the secretary. | Published by the state. | Des
Moines: | B. Murphy, state printer. | 1903. |

178 p. O. illus. bds.

Contents: Officers. Constitution. Membership. Proceedings of the seven-
teenth annual session. Necrology—W. M. Beardshear. Presidential address, by
H. E. Summers. Living plants as geological factors, by B. Shimek. Some ob-
servations upon the action of coherers when subjected to direct electromotive
force, by F. F. Almy. Accretion of flood plains by means of sand bars, by How-
ard E. Simpson. Ecological notes on the vegetation of the Uintah mountains,
by L. H. Pammel. Membrane bones in the skull of a young *Amphiuma*, by H.
W. Norris. The solar surface during the past twelve years, by David E. Hadden.
The duck hawk (*Falco peregrinus anatum*) in Iowa, by B. H. Bailey. Signifi-
cance of the occurrence of minute quantities of metalliferous minerals in rocks,
by Charles R. Keyes. Genesis of certain cherts, by Charles R. Keyes. Compar-
ative values of different methods of geologic correlation in the Mississippi basin,
by Charles R. Keyes. Chemical composition of nuts used as food, by J. B.
Weems and Alice W. Hess. Preparation of ammonia free water for water
analysis, by J. B. Weems, C. E. Gray and E. C. Myers. Preparation of phenyl
ether, by A. N. Cook. Sioux City water supply, by A. N. Cook and W. J.
Morgan. Toledo lobe of Iowan drift, by T. E. Savage. Origin of the lignites of
North Dakota, by Frank A. Wilder. Scrophulariaceæ of Iowa, by T. J. and M.
F. L. Fitzpatrick.

Proceedings | of the | Iowa academy of sciences | for 1903 | Vol-
ume XI | Edited by the secretary | Published by the state | Des
Moines: | B. Murphy, state printer | 1904. |

282 p. O. illus. ½ cl.

Contents: Officers of the academy. Membership of the academy. Necrology
—Ferdinand Reppert. Proceedings of the eighteenth annual session. Presi-
dential address, by B. Fink. The animal cell in the light of recent work, by
Gilbert L. Houser. The importance of vital statistics in the study of social
science, by Gershom H. Hill. A geological situation in the lava flow, with
reference to the vegetation, by Harriet M. Clearman. The furcula in the *Collem-
bola*, by J. E. Guthrie. Stereoscopic projection in natural colors, by C. F.
Lorenz. A contribution to our knowledge of the development of *Prunus Ameri-
cana*, by R. E. Buchanan. The so-called dorsotrachealis branch of the seventh
cranial nerve in *Amphiuma*, by H. W. Norris. The vagus and anterior spinal
nerves in *Amphiuma*, by H. W. Norris. A buried peat bed in Dodge township,
Union county, by T. E. Savage. Some bacteriological examinations of Iowa
waters, by L. H. Pammel, R. E. Buchanan, and Edna L. King. Some features in
the analysis of dolomite rock, by Nicholas Knight. The Sioux City water sup-

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ply, III, by Alfred N. Cook. A new deposit of Fuller's earth, by Alfred N. Cook. The lichens of the "Ledges," Boone county, Iowa, by Katy A. Miller. A method for the determination of chloric acid, by W. S. Hendrixson. The action of chloric acid on metals, by W. S. Hendrixson. Periodical literature in Iowa on the subject of chemistry, by W. S. Hendrixson. Regeneration in the cray fish, by John J. Lambert. A chemical study of *Rhus glabra*, by Arthur W. Martin. Notes on the position of the individuals in a group of *nileus vigilans* found at Elgin, Iowa, by G. E. Finch. Action of sodium thiosulphate solutions on certain silver salts, by W. M. Barr. New method of cohesion of water and adhesion of mercury apparatus, by Edwin Morrison. A convenient voltaic cell, by L. Begeman. Flora of Emmet county, Iowa, by R. I. Cratty. Remarkable occurrence of aurichalcite, by Charles R. Keyes. Certain basin features of the high plateau region of southwestern United States, by Charles R. Keyes. Note on the carboniferous faunas of the Mississippi valley in the Rocky mountain region, by Charles R. Keyes. Preliminary list of the flowering plants of Madison county, by H. A. Mueller. Index.

ADJUTANT GENERAL

Report | of the | adjutant-general | to the | governor | of the | state
of Iowa | for biennial period ending November 30, 1903 | Printed by
order of the General assembly | Des Moines | B. Murphy, state
printer | 1903 |

288 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 3.

AGRICULTURE

The | Iowa year book of agriculture | issued by the Iowa depart-
ment | of agriculture. | Containing | extracts of new road law, etc.,
report of the state farmers | institute for the year 1902; state agri-
cultural convention | for the year 1902; meeting of the state board of
agric- | culture; reports of meeting of state fair managers; | with |
extracts from the reports of the state dairy commissioner; state | dairy
association; Iowa agricultural experiment station; | Iowa weather and
crop service; Improved stock breed | ers' association; Iowa swine
breeders' association; | also | papers read at county farmers' institutes;
reports of local | county and district fairs; statistics and other |
things of interest. | Edited by | J. C. Simpson, | secretary state
board of agriculture. | Des Moines: | B. Murphy, state printer. |
1903. |

764 p. por. illus. O. cl.

The | Iowa year book of agriculture | issued by the Iowa department | of agriculture | containing | proceedings of the state farmers' institute of 1903; synopsis of | state board and committee meetings; weather and crop report; | proceedings of the Iowa swine breeders' association; ex- | tracts from the dairy commissioner's report; proceed- | ings of the Iowa state dairy association and | national dairy union | and | papers on live stock, agriculture and poultry topics | also | papers read before farmers institutes; articles and illustrations | regarding the Iowa state college of agriculture and mechanic | arts; laws relating to farming and stock raising indus- | tries; early history of the Iowa state fair | and | reports of county and district agricultural societies | Edited by | J. C. Simpson, | secretary state board of agriculture | Des Moines: | Bernard Murphy, state printer | 1904 |
736 p. por. pl. O. cl.

ATTORNEY - GENERAL

Fourth biennial report | of the | attorney-general | of the | state of Iowa. | Charles W. Mullan, | attorney-general | Transmitted to the governor, January, 1904. | Printed by order of the General assembly. | Des Moines: | Bernard Murphy, state printer | 1904 |
363 p. O. cl.

Being the report for the years 1902, 1903. Contained also in the set of Iowa documents, 1904, vol. 3.

AUDITOR

Biennial report | of the | auditor of state | to the | governor of Iowa | July 1, 1903 | B. F. Carroll, auditor of state | Printed by order of the General assembly | Des Moines | Bernard Murphy, state printer | 1903 |
503 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 1.

Thirty-third annual report | of the | auditor of state | of the state of Iowa | on | insurance | 1902 | Volume 1 | Frank F. Merriam | auditor of state | Compiled from annual statements, for the year ending December 31, 1901 | Des Moines: | Bernard Murphy, state printer | 1902 |

467 p. O. cl.

Contained also in the set of Iowa documents, 1902, vol. 7.

BIBLIOGRAPHY OF IOWA PUBLICATIONS 105

Thirty-third annual report | of the | auditor of state | of the state
of Iowa | on insurance | 1902 | Volume 2 | Life | Frank F. Merriam |
auditor of state | Compiled from annual statements, for the year
ending December 31, 1901 | Des Moines | B. Murphy, state printer, |
1902. |

507 p. O. cl.

Contained also in the set of Iowa documents, 1902, vol. 7.

Thirty-fourth annual report | of the | auditor of state | of the state
of Iowa | on | insurance | other than life | 1903 | Volume 1 | B. F.
Carroll | auditor of state | Compiled from annual statements, for
the year ending December 31, 1902 | Des Moines; | Bernard Murphy,
state printer | 1903 |

468 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 6.

Thirty-fourth annual report | of the | auditor of state | of the state
of Iowa | on | insurance | 1903 | Volume II | Life | B. F. Carroll |
auditor of state | Compiled from annual statements, for the year
ending December 31, 1902 | Des Moines: | Bernard Murphy, state
printer | 1903 |

544 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 6.

BOARD OF CONTROL

Third biennial report | of the | Board of control | of | state insti-
tutions | of | Iowa. | For the biennial period ending June 30, 1903. |
Des Moines: | Bernard Murphy, state printer, | 1903. |

1085 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 8.

Bulletin | of | Iowa institutions | (Under the Board of control) |
Published quarterly | Volume IV | 1902 | Herald printing company |
Dubuque, Iowa. |

522 p. illus. O. cl.

Being the Quarterly bulletin for 1902, issued January, April, July, and Oc-
tober.

Bulletin | of | Iowa institutions | (Under the Board of control) |

106 IOWA JOURNAL OF HISTORY AND POLITICS

Published quarterly | Volume V. | 1903 | 1904 | Franklin printing
co. | Des Moines |

564 p. illus. O. cl.

Being the Quarterly bulletin for 1903, issued January, April, July, and Oc-
tober.

COLLEGE FOR THE BLIND

Report of superintend- | ent of the College for | the blind at Vin-
ton, | Iowa, to the Board of | control of state insti- | tutions—for
biennial | period ending June 30, | 1903 |

19 p. O. pap.

CUSTODIAN OF PUBLIC BUILDINGS

Report | of the | custodian of public buildings | and property |
to the | governor of Iowa, | for the years 1902 and 1903. | January
1, 1904. | T. E. McCurdy, | custodian of public buildings and prop-
erty | Des Moines: | B. Murphy, state printer | 1904 |

43 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 1.

DAIRY COMMISSION

Sixteenth annual report | of the | state dairy commissioner | to
the | governor of the state of Iowa | for the year 1902. | H. R.
Wright, | state dairy commissioner. | Printed by order of the Gen-
eral assembly. | Des Moines: | Bernard Murphy, state printer, |
1902. |

115 p. O. pap.

Seventeenth annual report | of the | state dairy commissioner | to
the | governor of the state of Iowa | for the year 1903. | H. R.
Wright, | state dairy commissioner. | Printed by order of the Gen-
eral assembly. | Des Moines: | Bernard Murphy, state printer. |
1903. |

95 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 5.

EXECUTIVE COUNCIL

Report | of the | executive council of Iowa | of | expenses and dis-
position of fees and moneys | collected of state officers and | institu-

BIBLIOGRAPHY OF IOWA PUBLICATIONS 107

tions | for the period from | June 30, 1901, to July 1, 1903. | Made in compliance with requirements of chapter | six, acts of twenty-eighth General | assembly. | Des Moines: | Bernard Murphy, state printer. | 1903. |

556 p. O. pap.

Thirty-first annual report | of the | assessed valuation | of | railroad property | in the | state of Iowa, | as fixed by the | executive council of the state, July 24, 1902. | Compiled by A. H. Davison, | secretary of the executive council | Printed by authority of chapter four, acts twenty-eighth | General assembly. | With a statement of the assessment of the tele- | graph, telephone and express property | in the state of Iowa. | Des Moines. | Bernard Murphy, state printer. | 1902. |

91 p. O. pap.

Contained also in the set of Iowa documents, 1902, vol. 2.

Thirty-second annual report | of the | assessed valuation | of | railroad property | in the | state of Iowa, | as fixed by the | executive council of the state, July 24, 1903. | Compiled by A. H. Davison, | secretary of the executive council. | Printed by authority of chapter four, acts twenty-eighth | General assembly, | with a statement of the assessment of express | property in the state of Iowa. | Des Moines: | Bernard Murphy, state printer. | 1903. |

91 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 2.

Report | of the | third annual assessment | of | telegraph and telephone property | in the | state of Iowa, | as fixed by the | executive council of the state of Iowa, | July 25, 1903. | Compiled by A. H. Davison, | secretary of executive council. | Des Moines: | Bernard Murphy, state printer, | 1903. |

77 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 2.

This is the first report on telephone assessment separately printed.

FISH AND GAME WARDEN

Fifteenth biennial report | of the | state fish and game warden | to the | governor of the state of Iowa | 1902-03 | Geo. A. Lincoln,

warden | Printed by order of the General assembly | Des Moines: | Bernard Murphy, state printer, | 1904. |

24 p. pl. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 4.

GENERAL ASSEMBLY

Acts and resolutions | passed at the | regular session | of the | twenty-ninth General assembly | of the | state of Iowa. | Begun January 13 and ended April 11, 1902. | Published under authority of the state. | Des Moines: | Bernard Murphy, state printer. | 1902. |

260 p. Q. sh.

Rules and standing | committees | of the | twenty-ninth General assembly | 1902 | Printed by order of the General assembly | Des Moines. | B. Murphy, state printer. | 1902. |

70 p. tabs. O. pap.

Contained also in the set of Iowa documents, 1902, vol. 5.

Twenty-ninth | General | assembly | of Iowa | Monday, January 13, 1902 | Compiled by | W. B. Martin, secretary of state | Des Moines. | [8 p.] D. pap.

A list of the senators and representatives of the 29th General assembly.

Legislative documents | submitted to the | twenty-ninth General assembly | of the | State of Iowa | which convened at Des Moines, January 13, 1902. | Albert B. Cummins; governor | John Herriott, lieutenant-governor and president of the senate | W. B. Martin, secretary of state | Frank F. Merriam, auditor of state | G. S. Gilbertson, treasurer of state | Richard C. Barrett, superintendent of public instruction | Charles W. Mullen,¹ attorney-general | Willard L. Eaton, speaker of the House of representatives | Volume 1. | Des Moines | B. Murphy, state printer | 1902 |

v. p. O. sh.

Contents: Governor's message. Governor's inaugural. Report of auditor. Report of treasurer. Report on pardons. Report of criminal convictions. Report of land department. Report of custodian of public buildings.

Legislative documents | submitted to the | twenty-ninth General assembly | of the | state of Iowa | which convened at Des Moines,

¹ Mullan.

January 13, 1902. | Albert B. Cummins; governor | John Herriott, lieutenant governor and president of the senate | W. B. Martin, secretary of state | Frank F. Merriam, auditor of state | G. S. Gilbertson, treasurer of state | Richard C. Barrett, superintendent of public instruction | Charles W. Mullen,¹ attorney-general | Willard L. Eaton, speaker of the House of representatives | Volume II | Des Moines | B. Murphy, state printer | 1902 |

v. p. O. sh.

Contents: Report of adjutant-general. Report of railroad commissioners for 1900. Report of railroad commissioners for 1901. Railway assessment for 1901. Railway assessment for 1902.

Legislative documents | submitted to the | twenty-ninth General assembly | of the | state of Iowa | which convened at Des Moines, January 13, 1902. | Albert B. Cummins; governor | John Herriott, lieutenant governor and president of the senate | W. B. Martin, secretary of state | Frank F. Merriam, auditor of state | G. S. Gilbertson, treasurer of state | Richard C. Barrett, superintendent of public instruction | Charles W. Mullen,¹ attorney-general | Willard L. Eaton, speaker of the House of representatives | Volume III. | Des Moines, | B. Murphy, state printer | 1902 |

v. p. O. sh.

Contents: Report of attorney-general. Report of librarian. Report of Historical department. Report of Historical society. Report of superintendent of public instruction. Report of State university. Report of State agricultural college.

Legislative documents | submitted to the | twenty-ninth General assembly | of the | state of Iowa | which convened at Des Moines, January 13, 1902. | Albert B. Cummins; governor | John Herriott, lieutenant-governor and president of the senate | W. B. Martin, secretary of state | Frank F. Merriam, auditor of state | G. S. Gilbertson, treasurer of state | Richard C. Barrett, superintendent of public instruction | Charles W. Mullen,¹ attorney-general | Willard L. Eaton, speaker of the House of representatives | Volume IV. | Des Moines | B. Murphy, state printer | 1902 |

v. p. O. sh.

¹ Mullan.

110 IOWA JOURNAL OF HISTORY AND POLITICS

Contents: Report of State normal school. Report of fish commissioner. Report of Bureau of labor statistics. Report of mine inspectors. Report of Board of health.

Legislative documents | submitted to the | twenty-ninth General assembly | of the | state of Iowa | which convened at Des Moines, January 13, 1902. | Albert B. Cummins; governor | John Herriott, lieutenant-governor and president of the senate | W. B. Martin, secretary of state | Frank F. Merriam, auditor of state | G. S. Gilbertson, treasurer of state | Richard C. Barrett, superintendent of public instruction | Charles W. Mullen,¹ attorney-general, | Willard L. Eaton, speaker of the House of representatives | Volume V. | Des Moines | B. Murphy, state printer | 1902 |

v. p. O. sh.

Contents: Report of Board of control. Report of pharmacy commissioners. Report of veterinary surgeon. Rules of the twenty-ninth General assembly. Report of Board of dental examiners. Report of oil inspectors. Report of dairy commissioner for 1900. Report of dairy commissioner for 1901.

Legislative documents | submitted to the | twenty-ninth General assembly | of the | state of Iowa | which convened at Des Moines, January 13, 1902. | Albert B. Cummins; governor | John Herriott, lieutenant-governor and president of the senate | W. B. Martin, secretary of state | Frank F. Merriam, auditor of state | G. S. Gilbertson, treasurer of state | Richard C. Barrett, superintendent of public instruction | Charles W. Mullen,¹ attorney-general | Willard L. Eaton, speaker of the House of representatives | Volume VI. | Des Moines | B. Murphy, state printer | 1902 |

v. p. O. sh.

Contents: Volume 1, Insurance report for 1901. Volume 2, Insurance report for 1901.

Legislative documents | submitted to the | twenty-ninth General assembly | of the | state of Iowa | which convened at Des Moines, January 13, 1902. | Albert B. Cummins; governor | John Herriott, lieutenant-governor and president of the senate | W. B. Martin, secretary of state | Frank F. Merriam, auditor of state | G. S. Gilbertson, treasurer of state | Richard C. Barrett, superintendent of public

¹ Mullan.

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instruction | Charles W. Mullen,¹ attorney-general | Willard L. Eaton, speaker of the House of representatives | Volume VII. | Des Moines | B. Murphy, state printer | 1902 |

v. p. O. sh.

Contents: Volume I, Insurance report for 1902. Volume 2, Insurance report for 1902.

Supplement | to | the code of Iowa | containing | all the laws of a general and permanent nature | enacted by | the twenty-seventh, twenty-eighth and twenty-ninth | General assemblies, with complete annotations | to the code and supplement, down to, and | including the decisions rendered | at the May term, 1902, of | the Supreme court. | Published by authority of the state. | Bernard Murphy, state printer. | 1902. |

874 p. Q. sh.

GEOLOGICAL SURVEY

Iowa | geological survey | Volume XIII | annual report, 1902 | with | accompanying papers | Samuel Calvin, A. M., Ph.D., state geologist | A. G. Leonard, assistant state geologist | [Seal] | Des Moines | Published for Iowa geological survey | 1903 |

446 p. pl. map, Q. cl.

Contents: Administrative reports. Geology of Howard county, by Samuel Calvin. Geology of Kossuth, Hancock and Winnebago counties, by Thomas H. Macbride. Geology of Mills and Fremont counties, by J. A. Udden. Geology of Tama county, by T. E. Savage. Geology of Chickasaw county, by Samuel Calvin. Geology of Mitchell county, by Samuel Calvin. Report on the lithographic stone of Mitchell county, by A. B. Hoen. Geology of Monroe county, by S. W. Beyer and L. E. Young.

Iowa | geological survey | Volume XIV | Annual report, 1903 | with | accompanying papers | Samuel Calvin, A. M., Ph. D., state geologist | T. E. Savage, assistant state geologist | [Seal] | Des Moines | Published for Iowa geological survey | 1904 |

644 p. illus. pl. map. O. cl.

Contents: Administrative report. Mineral production of Iowa in 1902, by S. W. Beyer. Technology of clays, by S. W. Beyer and I. A. Williams. Chemistry of clays, by J. B. Weems. Selection, installation and care of power plants, by G. W. Bissell. The geology of clays, by S. W. Beyer and I. A. Williams. Tests

¹ Mullan.

of clay products, by A. Marston. Directory of Iowa clay workers, by S. W. Beyer and I. A. Williams. Mineral production of Iowa in 1903, by S. W. Beyer.

Iowa | geological survey | Volume XIII | Administrative reports | Samuel Calvin, A. M., Ph.D., state geologist | A. G. Leonard, assistant state geologist | [Seal] | Des Moines: | Published for the Iowa geological survey | 1903 |

20 p. map, Q. pap.

Reprinted from the Geological survey report for 1902, volume 13.

Geology | of | Howard county | by Samuel Calvin | From Iowa geological survey, Vol. XIII | Annual report, 1902, pp. 21-79 | Des Moines: | B. Murphy, state printer | 1903 |

illus. maps, Q. pap.

Geology | of | Kossuth, Hancock and Winnebago counties | by Thomas H. Macbride | From Iowa geological survey, Vol. XIII | Annual report, 1902, pp. 80-122 | Des Moines: | B. Murphy, state printer | 1903 |

illus. maps, Q. pap.

Geology | of | Mills and Fremont counties | by J. A. Udden | From Iowa geological survey, Vol. XIII | Annual report, 1902, pp. 123-183 | Des Moines: | B. Murphy, state printer | 1903 |

pl. map, Q. pap.

Geology | of | Tama county | by T. E. Savage | From Iowa geological survey, Vol. XIII | Annual report, 1902, pp. 185-254 | Des Moines | B. Murphy, state printer | 1903 |

illus. map, Q. pap.

Geology | of | Chickasaw county | by Samuel Calvin | From Iowa geological survey, Vol. XIII | Annual report, 1902, pp. 255-292 | Des Moines | B. Murphy, state printer | 1903 |

illus. map, Q. pap.

Geology | of | Mitchell county | by Samuel Calvin | From Iowa geological survey, Vol. XIII | Annual report, 1902, pp. 293-352 | Des Moines | B. Murphy, state printer | 1903 |

Colored plates, illus. map, Q. pap.

Discussion | of the | requisite qualities of lithographic limestone | with | report on tests | of the | lithographic stone of Mitchell county,

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Iowa. | By A. B. Hoen. | From Iowa geological survey, Vol. XIII | Annual report, 1902, pp. 339-352 | Des Moines | B. Murphy, state printer | 1903 |

14 p. Q. pap.

Geology | of | Monroe county | by S. W. Beyer and L. E. Young | From Iowa geological survey, Vol. XIII | Annual report, 1902, pp. 353-433 | Des Moines | B. Murphy, state printer | 1903 |

illus. map, Q. pap.

Mineral production in Iowa | for 1903. | By S. W. Beyer. | From Iowa geological survey, Vol. XIV, | Annual report, 1903, pp. 645-655. | Des Moines: | B. Murphy, state printer, | 1904 |

O. pap.

GOVERNOR

Biennial message | of | Leslie M. Shaw | Governor of the state of Iowa | to the | twenty-ninth General assembly | January, 1902 | Printed by authority of the General assembly, | Des Moines | B. Murphy, state printer | 1902 |

16 p. O. cl.

Contained also in the set of Iowa documents, 1902, vol. 1.

Inaugural address | of | Albert B. Cummins | Governor of the State of Iowa | delivered | January 16, 1902 | Printed by order of the General assembly | Des Moines, | B. Murphy, state printer. | 1902. |

23 p. O. pap.

Contained also in the set of Iowa documents, 1902, vol. 1.

Report | by the | governor of Iowa | of | pardons, suspensions and commutations | of sentence | and remissions of fines | from January 14, 1902, to January 1, 1904 | Printed by order of the General assembly | Des Moines: | B. Murphy, state printer, | 1903. |

56 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 1.

HEALTH, STATE BOARD OF

Twelfth | biennial report | of the | Board of health | of the | state

of Iowa | for the period ending June 30, 1903 | [Seal] | Des Moines: |
B. Murphy, state printer, | 1903. |

317 p. O. cl.

Contents: Board meetings. Railroad accidents in Iowa. Infectious diseases reported. Registration of vital statistics. Responsibilities of local boards of health. Sanitation and hygiene of cities. Some needs of the department of health. Status of health departments in municipal affairs. Diet, disease and the health officer. Facts versus fallacies of sanitary science. Public water supplies and the disposal of sewage. Disposal of domestic wastes of country residences. Laboratory in public health work. Obligations of the state toward consumptives. British congress on tuberculosis. Smallpox—symptoms and diagnosis. Management of smallpox, diphtheria and scarlet fever. The fly and mosquito as carriers of disease. Inebriety and its management. Medical inspection of schools. Plan and plant. Compend on milk. Judicial. Appendix.

Contained also in the set of Iowa documents, 1904, vol. 5.

Iowa health bulletin Vol. XV. June, 1901—May 1902. Nos. 1-12.
Nos. 8-12 only are included in the period covered by this bibliography.

Iowa health bulletin Vol. XVI. June, 1902—May, 1903. Nos.
1-12.

Iowa health bulletin Vol. XVII. June, 1903—May, 1904. Nos.
1-12.

Nos. 1-7 are included in the period covered by this bibliography.

Published monthly at Des Moines.

An ordinance | for the | protection of the public health | recom-
mended for adoption by the | cities and towns of Iowa | [Seal] |
Circular no. 4 | issued by | Iowa state board of health | 1902 | Re-
vised edition | 4-15-'02-2000 |

15 p. O. pap.

Rules and regulations | for the | restriction and prevention | of |
contagious diseases | in the | public and private schools of Iowa |
[Seal] | Circular no. 3 | issued by the | Iowa state board of health |
1902 | Third edition. | 11-6-'02-6000-32. |

8 p. O. pap.

Regulations | for the | quarantine | and disinfection | of | con-
tagious diseases | [Seal] | Circular no. 1 | issued by | Iowa state
board of health | 1902. | Revised edition |

31 p. O. pap.

Laws relating to the public health and | safety | Compiled from

BIBLIOGRAPHY OF IOWA PUBLICATIONS 115

the Code, and from the Acts of the | twenty-seventh and twenty-
eighth | General assemblies |

387-426 p. O. pap. Document No. 21, 1902.

Regulations | for | local boards of health | in the | state of Iowa |
[Seal] | Circular no. 3 [2] | issued by the | State board of health |
1903 | third edition, revised | 2-19-'03-4000 |

15 p. O. pap.

Rules and regulations | recommended by the Iowa state board of
health and adopted and published by the | Board of health of the
township of ——— | and which will be strictly enforced by this
board. | Circular no. 7 | 5-29-1903-6000 |

Broadside, double column, 18x24.

[Form 29-B] 6,119,-'03-300 | Directions | for the | collection of
samples of water for sanitary analysis | Iowa state board of health, |
office of secretary, Des Moines. |

Broadside, one column, 8½x14.

HISTORICAL DEPARTMENT

Sixth biennial report | of the | Historical department of Iowa |
made to the trustees | of the | state library and Historical depart-
ment | October 31, 1903 | by Charles Aldrich, curator | Printed by
order of the General assembly | Des Moines: | B. Murphy, state
printer | 1903 |

87 p. por. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 3.

The | annals of Iowa. | A historical quarterly. | Volume five—
third series. | Edited by | Charles Aldrich, A. M., | [6 lines] | Pub-
lished by the | Historical department of Iowa, | Des Moines, | 1901-
1903. |

Nos. 4-8, January, 1902-January, 1903, belong to the period covered by this
bibliography, 1902-'03.

The | annals of Iowa. | A historical quarterly. | Volume six—third
series. | Edited by | Charles Aldrich, A. M., | [6 lines] | Published
by the | Historical department of Iowa, | Des Moines, | 1903-1905. |

Nos. 1-3, April-October, 1903, belong to the period covered by this bibli-
ography, 1902-'03.

HORTICULTURAL SOCIETY

Report of the | Iowa state horticultural society | for the year 1902, | containing the proceedings of the | thirty-seventh annual session, | held at | Des Moines, December 9, 10, 11, 12, 1902, | also transactions of the | south eastern, northwestern, northeastern, and | southwestern horticultural societies. | Edited by the secretary. | Volume XXXVII. | Published by order of the General assembly. | Des Moines | Bernard Murphy, state printer | 1903. |

521 p. por. illus. O. cl.

Report | of the | Iowa state horticultural society | for the year 1903 | containing the proceedings of the | thirty-eighth annual session | held at | Des Moines, December 8, 9, 10, 11, 1903 | also transactions of the | southeastern, northwestern, northeastern, and | southwestern horticultural societies | Edited by the secretary | Volume XXXVIII | Published by order of the General assembly | Des Moines | Bernard Murphy, state printer | 1904 |

478 p. por. pl. O. cl.

HOUSE OF REPRESENTATIVES

Journal of the House | of the | twenty-ninth General assembly | of the | state of Iowa | which convened at the capitol at Des Moines | January 13, 1902. | Des Moines: | B. Murphy, state printer | 1902 | 1425 p. O. sh.

Officers | and | standing committees | of the | House of representatives | twenty-ninth General assembly | state of Iowa | B. Murphy, state printer. | 1902 |

25 p. D. pap.

INSTITUTION FOR FEEBLE-MINDED CHILDREN

Fourteenth biennial report | of the | superintendent | of the | Iowa institution | for | feeble-minded children | at Glenwood | to the | Board of control of state institutions | for the period ending June 30, 1903 | Glenwood | Institution press | 1903 |

37 p. illus. O. pap.

LABOR STATISTICS, BUREAU OF

Tenth biennial report | of the | Bureau of labor statistics | for the |

BIBLIOGRAPHY OF IOWA PUBLICATIONS 117

state of Iowa | 1901-1902 | Edward D. Brigham | commissioner | Des
Moines: | B. Murphy, state printer | 1903 |
608 p. O. pap.

Contents: Suggested legislation. Acknowledgments. History and purpose
of the Bureau of labor statistics. Factory inspection. Vital statistics, by F. I.
Herriott. Graded wages and salaries with hours worked, by sex. New indus-
tries for Iowa. Trade unions in Iowa. Advantages gained by trade unions in
Iowa without strikes or lockouts. Wage scales and agreements between employ-
ers and employes in Iowa. Employers of Iowa, statistical reports. Immigration
to United States and Iowa. Wage earners in Iowa. Wage earners' reports on
shop conditions in Iowa. Wage earners' suggestions for legislation. Wage
earners' remarks on the bureau and general subjects. Special report on tele-
graph operators. Railway employes, statistics on road conditions and railroad
accidents to employes. Manual training, by Richard C. Barrett. Some phases
of the labor question, by James Kilbourne. Directory of employers of Iowa.

Contained also in the set of Iowa documents, 1904, vol. 4.

The law | State of Iowa |

A 6 page pamphlet giving the law governing the Bureau of labor statistics.

LIBRARY COMMISSION

First report | of the | Iowa library commission. | 1900-1903. | Pub-
lished by authority of the General assembly. | Des Moines, Iowa: |
Bernard Murphy, state printer. | 1904. |

153 p. pl. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 5.

Iowa library | commission | Des Moines, Ia. | Leaflet no. 4 | Birth-
days | anniversaries | and events | How they may | be observed in |
the library | Pictures, pic- | ture bulletins | and related | subjects |

27 p. T. pap.

Iowa library commission | Des Moines, Ia. | Leaflet no. 5 | Travel-
ing | library | of | Iowa | How to obtain books | and rules and regu- |
lations regarding | their use |

19 p. T. pap.

Iowa library commission | Des Moines, Iowa | Leaflet no. 6 |
Books | for the | blind | loaned by the | Iowa library commission |

6 p. T. pap.

Library buildings | by | Grant C. Miller | of Patton & Miller,
architects | Chicago | Selection of an architect; kind | of building;
provision for free | access to the shelves; import- | ance of super-

vision; requisite | rooms; floors; ventilation; design | A paper read before the | Iowa library association at Grinnell, Iowa | October 30, 1902 |

26 p. T. pap.

Iowa library | commission | its purpose, | methods and | activities | Members ex-officiis | Johnson Brigham, state librarian, presi- | dent Richard C. Barrett, state superintendent | of public instruction | George E. MacLean, president of the state | university | Members appointed | Mrs. Harriet C. Towner, Corning | Mrs. Jessie Waite Davidson, Burlington | Mrs. Elizabeth S. Norris, Grinnell | Capt. W. H. Johnston, Fort Dodge | Miss Alice S. Tyler, Secretary. | Office: The Capitol, Des Moines. |

8 p. T. pap.

A list of books | recommended for | a children's library | Compiled for the | Iowa library commission | by | Annie Carroll Moore | children's librarian, Pratt institute free library | Brooklyn, N. Y. | and | instructor in the Iowa summer library school | A list of books for children with a few | practical suggestions as to the selec- | tion and purchase of children's books |

21 p. O. pap.

Hand book | of | library organization | compiled by the | library commissions | of | Minnesota, Iowa and Wisconsin. | April, 1902. | Edited by the | Minnesota state library commission, | Minneapolis, Minn. |

79 p. illus. O. pap.

Suggestive list | of | books for a small library | recommended by the | state library commissions | of | Iowa, Minnesota, Wisconsin, Nebraska, Idaho, | and Delaware. | January, 1902. | Compiled by the | Wisconsin free library commission | Madison, Wis. |

43 p. O. pap.

Agriculture | soil, drainage, crops, fruits, | gardening, the dairy, | domestic animals | [Directions for the loan of the books, 20 lines] | Iowa library commission | Free traveling library | Des Moines |

3 p. O. pap.

Brief list of books on agriculture.

Domestic science | food, cooking, kitchen, house, | heat, furni-
 ture, clothing, house- | hold management, sanitation, | nursery. |
 [Directions for the loan of the books, 12 lines] | Iowa library com-
 mission | Free traveling library |

2 p. T. pap.

Brief list of books on domestic science.

Brief list of | art books | The world of art is an ideal world, | The
 world I love, and that I fain | would live in; | So speak to me of
 artists and of | art. | —Longfellow. | These books will be loaned by
 the | Free traveling library, Iowa library commission |

3 p. T. pap.

Manual training | cookery and | needle work | in the | public
 schools | “Nothing gives greater dignity | to man than a complete
 realiza- | tion of the power of being able | to *do*. No joy is greater,
 or | more lasting than that received | by doing well with the com-
 plete | being—brain, eye, hands, will | and judgment—all tools,
 God- | given tools, to be trained and | used.” | Iowa library commis-
 sion | Free traveling library |

2 p. T. pap.

A select reference list.

Buying list of recent books | recommended by the | library com-
 missions of Delaware, Iowa, Min- | nesota, Nebraska, Ohio and
 Wisconsin | compiled by the | Wisconsin free library commission |
 Madison, Wis., December 15, 1903. | No. 10 | Also | List of public
 documents for small libraries | contributed by the | Nebraska free
 library commission. | [13 lines] |

12 p. O. pap.

Bulletin of the Iowa library commission. Issued quarterly. Des
 Moines, Iowa, January, [-October] 1902 Volume 2 Number 1 [-4] |

72 p. illus. O. pap.

With the July 1902 number, “A circular of library information” was added
 to the title. Name changed from Bulletin to Quarterly with January, 1903, issue.
 There is no title page.

Quarterly of the Iowa library commission A circular of library

120 IOWA JOURNAL OF HISTORY AND POLITICS

information Volume 3. Des Moines, Iowa, January, [-October]
1903. Number 1 [-4] |
72 p. illus. O. pap.

MINE INSPECTORS

Eleventh biennial report | of the | state mine inspectors | to the |
governor of the state of Iowa. | For the | two years ending June 30,
1903. | John Verner, district no. 1. | Edward Sweeney, district no.
2. | James W. Miller, district no. 3. | Printed by order of the Gen-
eral assembly. | Des Moines: | Bernard Murphy, state printer. |
1903. |

88 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 5.

OIL INSPECTORS

Biennial report | of | inspectors of oils. | 1902-1903 | Compiled
by | W. B. Martin, secretary of state. | Printed by order of the
General assembly. | Des Moines | Bernard Murphy, state printer |
1903 |

20 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 5.

PENITENTIARY, ANAMOSA

Sixteenth biennial report of | the warden of the penitentiary | at
Anamosa, Iowa, to the | Board of control of state | institutions for
the biennial | period ending June 30, 1903. | The prison press | Ana-
mosa, Iowa. |

73 p. illus. O. pap.

PENITENTIARY, FORT MADISON

Report of the warden | of the penitentiary at | Fort Madison,
Iowa, to | the Board of control of | state institutions—for | biennial
period ending | June 30, 1903 |

38 p. O. pap.

PHARMACY COMMISSION

Twelfth biennial report | of the | commissioners of pharmacy | for

BIBLIOGRAPHY OF IOWA PUBLICATIONS 121

the | state of Iowa. | 1903. | Printed by order of the General assembly. | Des Moines. | B. Murphy, state printer. | 1903. |

158 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 5.

PIONEER LAWMAKERS' ASSOCIATION

Pioneer | lawmakers' association | of Iowa. | Reunion of 1902, | held at Des Moines, Feb. 12 and 13, 1902. | Eighth biennial session. | Published by authority of the state of Iowa. | Des Moines: Bernard Murphy, state printer, | 1902. |

131 p. por. pl. O. pap.

PUBLIC INSTRUCTION, DEPARTMENT OF

Biennial report | of the | superintendent | of | public instruction | of the | state of Iowa | November 1, 1903 | Richard C. Barrett | superintendent of public instruction | Printed by order of the General assembly | Des Moines | B. Murphy, state printer | 1903 |

xciv + 250 + 138 + 119 p. por. pl. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 4.

Title page of this report lacking in the volume in the set of Iowa documents. Since 1897 pamphlet reports of the superintendent of public instruction usually have had the title printed only on the cover; when the reports are bound by the state printer the covers are torn off, leaving as a title page only the inner cover. In the report given above, this cover reads as follows:

State of Iowa | Department of public instruction | Des Moines | Superintendent of public instruction | Richard C. Barrett | Deputy superintendent | Albert C. Ross | Stenographer | Byrdella Johnson | State board of educational examiners | Richard C. Barrett, *ex-officio* president, Des Moines | George E. MacLean, *ex-officio*, Iowa City | Homer H. Seerley, *ex-officio*, Cedar Falls | *O. J. McManus, Council Bluffs | Alice Bradrick Altona, Des Moines | *O. J. McManus was appointed by the governor to succeed Hamlin H. Freer, whose | term expired November 26, 1902. |

Iowa | educational directory | for the school year | commencing September, 1902 | Issued by the | Department of public instruction | November 15, 1902 | Des Moines | B. Murphy, state printer | 1902. |

63 p. D. pap.

Iowa | educational directory | for the school year | commencing
September, 1903 | Issued by the Department of public instruc-
tion | November 15, 1903 | Des Moines | B. Murphy, state printer |
1903 |

64 p. D. pap.

School laws of Iowa | from the code of 1897 | as amended by the
twenty-seventh, twenty- | eighth and twenty-ninth General | assem-
blies, | with | notes, forms and decisions, | for | the use and gov-
ernment of school officers | and directors. | Edition of 1902. | Rich-
ard C. Barrett, | superintendent of public instruction | Des Moines: |
B. Murphy, state printer. | 1902 |

175 + 106 p. O. cl.

A manual for accredited schools | designed for the | training of
teachers | for the | Iowa public schools. | By the | Educational board
of examiners. | 1903. | Issued by the Department of public instruc-
tion. | Richard C. Barrett, | superintendent public instruction. | Des
Moines: | Bernard Murphy, state printer, | 1903. |

112 p. O. pap.

Manual training | and | how to introduce it into public schools |
Advance pages of | chapter II | of | biennial report | of | Superin-
tendent of public instruction | of the | state of Iowa | 1903 | Rich-
ard C. Barrett, | superintendent of public instruction | Des Moines |
B. Murphy, state printer | 1903 |

28 p. illus. O. pap.

Manual | for | special day | exercises | 1902 | Issued by the De-
partment of public instruction for | use in the schools of Iowa |
Richard C. Barrett | superintendent of public instruction |

103 p. illus. O. pap.

Outer cover bears a cut of the Lincoln monument.

Louisiana purchase | flag day | December 18, 1903 | [Cut of]
Keokuk—an early Iowa settler | Historical leaflet | for use in Iowa
schools | Issued by the | Department of education | Richard C. Bar-
rett | superintendent of public instruction |

31 p. O. pap.

Inner title page reads:

BIBLIOGRAPHY OF IOWA PUBLICATIONS 123

Louisiana purchase flag day | Resources are the gift of the Creator. Development is the great duty | of the republic.—Schuyler Colfax. | Centennial of the | Louisiana purchase | 1803-1903 | [Quotation, 8 lines] | Official circular | to be used in the celebration of | Louisiana purchase flag day | December 18, 1903 | Issued by the Department of public instruction | Richard C. Barrett | superintendent public instruction | A natural base for the greatest continuous empire ever established | by man.—Gladstone, on Louisiana purchase. |

RAILROAD COMMISSIONERS

Twenty-fifth annual report | of the | Board of railroad commissioners | for the | year ending June 30, 1902. | State of Iowa | Printed by order of the General assembly. | Des Moines. | Bernard Murphy, state printer. | 1903. |

412 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 2.

Twenty-sixth annual report | of the | Board of railroad commissioners | for the | year ending June 30, 1903. | State of Iowa. | Printed by order of the General assembly. | Des Moines: | Bernard Murphy, state printer. | 1904 |

454 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 2.

SCHOOL FOR THE DEAF

Twenty-fifth biennial report | of the | superintendent | of the | Iowa school for the deaf | at Council Bluffs | to the | Board of control of state institutions | for the period ending June 30, 1903. | Glenwood | Institution press | 1904 |

46 p. O. pap.

SECRETARY OF STATE

Seventeenth year | Iowa | official | register | published by the | secretary of state | by order of | the General assembly. | 1902 |

593 p. por. D. cl.

Contents: Pt. 1: Declaration of Independence. Articles of Confederation. Constitution of the United States. Citizenship and naturalization of aliens. Organic law of Iowa. Admission of Iowa into the Union. Constitution of

Iowa. Pt. 2: State, district and county officers. Pt. 3: Board of control state institutions. Iowa national guard. Library statistics. Pt. 4: Transactions of the executive council for the year 1901. Pt. 5: National election 1900. Party platforms, statistics. Pt. 6: Election statistics of the state election, 1901. Party platforms. Vote by precincts. Official vote by counties. Pt. 7: National and state governments. Military and civil governments of our new possessions. Pt. 8: U. S. Census statistics, 1900. Census of Porto Rico and the Hawaiian Islands. Census returns for Iowa, 1900. Miscellaneous statistics.

Eighteenth year | Iowa | official | register | published by the | secretary of state | by order of | the General assembly. | 1903 |

594 p. por. D. cl.

Contents: Pt. 1: Declaration of Independence. Articles of confederation. Constitution of the United States. Citizenship and Naturalization of aliens. Organic law of Iowa. Register of territorial and state officers. U. S. Senators, congressmen, and cabinet officers from Iowa. Pt. 2: State, district and county officers. Pt. 3: Board of control state institutions. Iowa national guard. New militia law of the United States. Pt. 4: National election 1900. Party platforms, statistics. Pt. 5: Election statistics of the State election, 1902. Party platforms. Vote by precincts. Official vote by counties. Pt. 6: Transactions of the executive council for the year 1902. Pt. 7: National and state governments. Military and civil governments of our new possessions. Pt. 8: U. S. Census statistics, 1900. Census of Porto Rico and the Hawaiian islands. Census returns for Iowa, 1900. Miscellaneous statistics.

Report | of the | secretary of state | relating to | criminal convictions | of the | state of Iowa for the years 1902 and 1903. | W. B. Martin, secretary of state. | Des Moines. | B. Murphy, state printer. | 1903. |

160 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 1.

Report | of the | secretary of state | to the | governor of Iowa, | of the | transactions of the Land department, | July 1, 1901, to June 30, 1903. | W. B. Martin, secretary of state. | Des Moines: | B. Murphy, state printer. | 1903. |

63 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 1.

SENATE

Journal of the Senate | of the | twenty-ninth General assembly | of the | state of Iowa | which convened at the capitol at Des Moines | January 13, 1902. | Des Moines: | B. Murphy, state printer, | 1902. |

1266 p. O. sh.

STATE AGRICULTURAL COLLEGE

Twentieth biennial report | of the | Iowa state college of agriculture | and the mechanic arts | made to | the governor of Iowa | for the years 1902-1903 | Printed by order of the General assembly | Des Moines: | B. Murphy, state printer | 1903 |

127 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 3.

Bulletin, Iowa state college | Vol. 1, No. 2. June, 1903 | Catalog | Iowa state college | Ames, Iowa | 1902-1903 | [Notice, 4 lines] |

345 p. O. pap.

Inner cover reads:

Iowa state college | of | agriculture | and | the mechanic arts | Catalog 1902-1903 | "Science with practice" | 1903 | By the college | Ames. |

Bulletin 61. July, 1902. | Iowa agricultural college | Experiment station, | Ames, Iowa. | [Cut] | Miscellaneous notes on fungus diseases | of plants. | The Canada thistle and dandelion. | A few of the common fleshy fungi of Ames. | Ames, Iowa. | Intelligencer printing house | 1902. |

137-153 p. O. pap.

Bulletin 60 [62] December, 1901 | Iowa agricultural college | Experiment station | Ames, Iowa | A study on the germination and | growth of leguminosæ, espec- | ially with reference to small | and large seed | Reprinted from Proceedings of the twenty-second annual meeting of the | Society for the promotion of agricultural science, 1901. | Ames, Iowa | 1901 |

153-177 p. O. pap. pl.

Bulletin 63 May, 1902 | Experiment station | Iowa state college of agriculture | and the mechanic arts | Ames, Iowa | [Cut of sheep] | Sheep feeding experiments | 1. Finishing western wethers on grass and grain | for early summer market. | 2. Finishing western wethers for early winter | market. |

178-185 p. O. pap.

Bulletin 64. May 1902. | Experiment station, | Iowa state college

of | agriculture and mechanic arts | Ames, Iowa. | Notes on strawberries. | [Cut giving] partial view of the experimental plats of strawberries at the experimental station. | Ames, Iowa. | Intelligencer printing house | 1902. |

186-208 p. illus. O. pap.

Bulletin 65 August, 1902 | Experiment station | Iowa state college of agriculture | and the mechanic arts | Ames, Iowa | [Cut of] cross bred Poland China-Yorkshire, Poland China-Duroc Jersey and | Poland China-Berkshire hogs, bred by Iowa agricultural | college, fed on Swift's digester tankage and corn. | Average weight at 8½ months, 331 pounds | Beef meal, Swift's digester tankage, Armour's tank- | age and standard stock food; their value when | fed in conjunction with corn for the | economical production of pork | Press of the Ames Times | Ames, Iowa |

209-222 p. illus. O. pap.

Bulletin 66 August, 1902 | Experiment station | Iowa state college of agriculture | and the mechanic arts | Ames, Iowa | [Cut of] Chicago & Northwestern freight train leaving Odebolt, Iowa, for | Chicago with 220 head of steers fed on the farm of A. E. | Cook by the Iowa experiment station | Condimental foods (stock foods), the by-products of | corn, flax seed and cottonseed, and dried blood; | their value when fed in conjunction | with corn for the economical | production of beef | Press of the Ames Times | Ames, Iowa |

223-255 p. illus. O. pap.

Bulletin 67. November, 1902. | Experiment station, | Iowa state college. | Ames, Iowa. | Chemical section. | I. The chemical composition of food preserva- | tives. | II. Solutions for testing cream and milk. | Ames, Iowa. | Intelligencer printing house | 1902. |

259-272 p. O. pap.

Bulletin 68. April, 1903. | Experiment station, | Iowa state college | Ames, Iowa. | Agronomy section. | Selecting and preparing seed corn | [Cut] | [4 lines] | Ames, Iowa. | Intelligencer printing house | 1902. |

271-286 p. pl. O. pap.

BIBLIOGRAPHY OF IOWA PUBLICATIONS 127

Bulletin 69. June 1903. | Experiment station, | Iowa state college | Ames, Iowa. | Veterinary section. | The chicken mite. | Ames, Iowa. | Intelligencer printing house. | 1903. |
285-294 p. illus. O. pap.

Popular edition | Bulletin 70 July, 1903 | Experiment station | Iowa state college | Ames, Iowa | [Cut] | Botanical section. | Popular edition of bulletin no. 70 | Some weeds of Iowa | Press of | the Ames Times | Ames, Ia. |
293-372 p. O. pap.

Bulletin 70 December, 1903 | experiment station | Iowa state college | of | agriculture and the mechanic arts | Ames, Iowa | [Cut] | botanical section | some weeds of Iowa | Press of | The Ames Times | Ames, Iowa |
O. 291-531, [532-545], plates, figures.

Bulletin 71. July, 1903. | Experiment station, | Iowa state college | Ames, Iowa. | Dairy section. | The keeping quality of butter. | Ames, Iowa. | Intelligencer printing house | 1903. |
1-30 p. illus. O. pap.

Bulletin 72 October 1903 | Experiment station, | Iowa state college of agriculture and | the mechanic arts | Ames, Iowa | Horticultural section | Cold storage | of apples | Press of | the Ames Times | Ames, Ia. |
29-44 p. illus. O. pap.

Bulletin 73. August 1903. | Experiment station, | Iowa state college | of agriculture and mechanic arts | Ames, Iowa. | Horticultural section. | [Cut] | Cherries and cherry growing in Iowa. | Ames, Iowa, | Intelligencer printing house, | 1903 |
43-98 p. illus. O. pap.

Spraying calendar | for 1903 | Iowa experiment station | [Cut] | Spraying is the secret of successful fruit growing | Ames, Iowa |
O. unsp.

Catalogue of fruits | growing on the | experimental grounds |

[Cut] | View in orchard "B," | of the | Iowa experiment station |
Ames Iowa February 1903 |

1-31 p. O.

Special bulletin, not numbered in the regular series.

Bacteriological investigations of the Ames sewage disposal plant
by L. H. Pammel. Iowa state college sewage and sewage disposal
investigations, bulletin no. 4. Abdruck aus dem centralblatt f.
bakteriologie, parasitenkunde u. infektionskrankheiten. II. abtei-
lung. IX band, 1902, pp. 89-107, plates 1-3.

The chemical composition | of sewage of the Iowa state | college
sewage plant | by | J. B. Weems | J. C. Brown | R. C. Myers | Con-
tribution from the Department of | agricultural chemistry, Iowa
state | college. | Reprinted from vol. IX, Proceedings | Iowa acade-
my of sciences. |

69-80 p. O. pap.

This is bulletin no. 5 of the series. The above is the cover title; the inner title
reads:

The | chemical composition of sewage | of the Iowa state college
sewage plant. | By J. B. Weems, J. C. Brown, and R. C. Myers. |

Iowa state | college | Division of | engineering | Bulletin no. VI. |
Tests of Iowa common brick | By A. Marston | (Reprinted from the
Iowa Engineer, March, 1903.) |

23 p. illus. O. pap.

Bulletin no. 7. | Division of engineering, Iowa state college |
Ames, Iowa | Sewage disposal | in Iowa | Prof. A. Marston, M. W.
S. E. | Reprint from Journal western society of engineers | Vol.
VIII, no. 6. December, 1903 |

4 p. illus. O. pap.

The chemical composition | of sewage of the Iowa state | college
sewage plant | By | J. B. Weems | J. C. Brown | R. C. Myers |
Contribution [I] from the Department of | agricultural chemistry,
Iowa state | college. | Reprinted from vol. IX, Proceedings | Iowa
academy of sciences. | [1902] |

69-80 p. O. pap.

BIBLIOGRAPHY OF IOWA PUBLICATIONS 129

The sanitary analysis of some | Iowa deep well waters | By J. B. Weems. | Contribution [II] from the Department of | agricultural chemistry, Iowa state | college. | Reprinted from vol. IX, Proceedings | Iowa academy of sciences. | [1902] |

63-70 p. O. pap.

Proceedings 23d annual meeting | of | Society for promotion | agricultural science | A study of the food value of | some of the edible fungi | of Ames. | By J. B. Weems, Ph.D., | and | Alice W. Hess, M.S., | Ames, Iowa. | Contribution no. 3, from the Department of | agricultural chemistry, Iowa state college. | 1902 |

165-172 p. O. pap.

Contribution | from the | Department of agricultural chemistry. | Number 4. The chemical composition of nuts used as food | By J. B. Weems and Alice W. Hess. | Number 5. The preparation of ammonia free water for | water analysis | By J. B. Weems, C. E. Gray and | E. C. Myers. | Reprinted from the Proceedings of the Iowa academy of sciences, vol. X. | [1903] |

107-113 p. O. pap.

Vol. 2, No. 1 Bulletin | of the | Iowa state college | of agriculture and | the mechanic arts | Compendium number | December | 1903 | Ames, Iowa |

79 p. illus. O. pap.

Booklet | of | quizzes | Iowa state college | of agriculture and | the mechanic arts | Ames, Iowa, U. S. A. | 1902 | "Forever alive, forever forward." | — Whitman. |

8 p. pap.

STATE HISTORICAL SOCIETY

Twenty-fourth biennial report | of the | Board of curators | of the | State historical society of Iowa | to the | governor of the State | 1903 | Des Moines: | B. Murphy, state printer | 1903 |

30 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 3.

The | constitution | of | the state of Iowa | with an | historical introduction | by | Benjamin F. Shambaugh, A.M., Ph.D. | profes-

130 IOWA JOURNAL OF HISTORY AND POLITICS

sor of political science in the | university of Iowa | Published by |
the State historical society of Iowa | 1902 |

105 p. T. rus.

Pocket edition.

The | messages and proclamations | of the | governors of Iowa |
compiled and edited by | Benjamin F. Shambaugh, A.M., Ph.D. |
professor of political science in the | university of Iowa | Volume I |
Published by | the State historical society of Iowa | Iowa City,
Iowa | 1903 |

487 p. Q. cl.

The | messages and proclamations | of the | governors of Iowa |
compiled and edited by | Benjamin F. Shambaugh, A.M., Ph.D. |
professor of political science in the | university of Iowa | Volume
II | published by | the State historical society of Iowa | Iowa City,
Iowa, | 1903 |

524 p. Q. cl.

The | messages and proclamations | of the | governors of Iowa |
compiled and edited by | Benjamin F. Shambaugh, A.M., Ph.D. |
professor of political science in the | university of Iowa | Volume
III | Published by | the State historical society of Iowa | Iowa City,
Iowa | 1903 |

472 p. Q. cl.

The | messages and proclamations | of the | governors of Iowa |
compiled and edited by | Benjamin F. Shambaugh, A.M., Ph.D. |
professor of political science in the | university of Iowa | Volume
IV | Published by | the State historical society of Iowa | Iowa City,
Iowa | 1903 |

382 p. Q. cl.

Iowa | historical record | published by the | State historical society |
at | Iowa City | Volumes XVI, XVII and XVIII | 1900-1901-1902 |
Iowa City, Iowa | 1902 |

602 p. por. pl. O.

Issued quarterly, four numbers constituting a volume, and three volumes bound
together in one book, with one title page. Vol. 18 only belongs to the period
covered by this bibliography, 1902-1903.

The | Iowa journal | of | history and politics | Editor | Benjamin F. Shambaugh | professor of political science | in the university of Iowa | Volume I | 1903 | Published quarterly by | the State historical society of Iowa | Iowa City, Iowa | 1903 |

587 p. Q. pap.

The Wisconsin gerrymanders | of 1891 and 1892 | A chapter in state constitutional history | by | Francis Newton Thorpe | [Seal] | Reprinted from the July 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

39 p. Q. pap.

Bibliography | of | Iowa state publications | for | 1900 and 1901 | by | Margaret Budington | [Seal] | Reprinted from the July 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

44 p. Q. pap.

Congressional districting | in Iowa | by | Paul S. Peirce | [Seal] | Reprinted from the July 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

23 p. maps, Q. pap.

Anthropological instruction | in Iowa | by | Duren J. H. Ward, A.M., Ph.D. | [Seal] | Reprinted from the July 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

29 p. Q. pap.

State history | in | the public high schools | by | Edmund J. James | President of Northwestern university | [Seal] | Reprinted from the April 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

14 p. Q. pap.

The | Hampton roads conference | by | Joseph W. Rich | [Seal] | Reprinted from the April 1903 number of | the Iowa journal of his-

tory and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

24 p. Q. pap.

Historico-anthropological | possibilities in Iowa | by | Duren J. H. Ward | [Seal] | Reprinted from the January 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

32 p. Q. pap.

Joliet and Marquette | in Iowa | by | Laenas Gifford Weld | [Seal] | Reprinted from the January 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

16 p. Q. pap.

Chief Justice Marshall | as a constructive statesman | by | Emlin McClain | one of the Justices of the supreme court | of Iowa | [Seal] | Reprinted from the October 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

42 p. Q. pap.

Problems | in the | administration of Iowa | by | Harold M. Bowman | [Seal] | Reprinted from the October 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

28 p. Q. pap.

The development | of | party organization in Iowa | by | John W. Gannaway | [Seal] | Reprinted from the October 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

34 p. Q. pap.

Local tradition | by | Johnson Brigham | [Seal] | Reprinted from the October 1903 number of | the Iowa journal of history and politics | Published at Iowa City Iowa by | the State historical society of Iowa |

6 p. Q. pap.

BIBLIOGRAPHY OF IOWA PUBLICATIONS 133

The political value | of | state constitutional history | by | Francis
Newton Thorpe | [Seal] | Reprinted from the January 1903 number
of | the Iowa journal of history and politics | Published at Iowa
City by | the State historical society of Iowa |
31 p. Q. pap.

Publications in | Iowa history | The Iowa journal of | history and
politics | The messages | and proclamations of the | governors of
Iowa | The state historical society of Iowa | Iowa City Iowa Oc-
tober, 1902 |
8 p. O. pap.

STATE LIBRARY

Twenty-ninth biennial report | of the | state librarian | to the |
governor of the state of Iowa | July 1, 1903 | Johnson Brigham |
state librarian | Printed by order of the General assembly | Des
Moines. | Bernard Murphy, state printer | 1904 |

284 p. por. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 3.

STATE NORMAL SCHOOL

Fourteenth biennial report | of the | Iowa state normal school | at |
Cedar Falls, Iowa. | School years 1900-1901 and 1902-1903. | Printed
by order of the General assembly. | Des Moines: | Bernard Murphy,
state printer. | 1903. |

53 p. pl. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 3.

Vol. II. April. No. 3. | Bulletin | Iowa state | normal school |
Cedar Falls | Iowa | Issued quarterly | Published by the normal
school. | [Notice, 1 line] |

29 p. O. pap.

Inner title page reads:

Bulletin | of the | Iowa state normal school | Cedar Falls, Iowa. |
1902 | Vol. II. April. No. 3. | Contents: | 1. Commencement an-
nouncements. | 2. Candidates for graduation. | 3. Register of class
of 1901. |

Vol. II. No. 4. 1902. | May | Summer term | Bulletin | of the | State normal school | Cedar Falls, Iowa. | Issued quarterly. | Published by the normal school. | [Notice, 2 lines] |

47 p. O. pap.

Inner title page reads:

Bulletin | of the | Iowa state normal school | Cedar Falls, Iowa. | 1902 | Vol. II. May. No. 4. | Sixth annual session of the summer term. | June 14th to July 25th, 1902. |

Bulletin | of the | State normal | school | Cedar Falls, Iowa. | Vol. III. June, 1902. No. 1. | Issued quarterly. | Published by the normal school. | [Notice, 1 line] |

166 p. O. pap.

Inner title page reads:

Bulletin | of the | State normal | school | Cedar Falls, Iowa. | Vol. III. June, 1902. No. 1. | Catalog and circular | for school year 1901-2. |

Vol. 3 No. 2 | January, 1903 | Summer term | Bulletin | of the | State normal school | Cedar Falls, Iowa | Issued quarterly | Published by the normal school | [Notices, 2 lines] |

56 p. O. pap.

Inner title page reads:

Bulletin | of the | Iowa state normal school | Cedar Falls, Iowa. | 1903 | Vol. III. January No. 2. | Seventh annual session of the summer term, | June 13th to July 24th, 1903. |

Vol. III. No. 3. | April, 1903. | English | Bulletin | of the | State normal school, | Cedar Falls, Iowa. | Issued quarterly. | Published by the normal school. | [Notice, 2 lines] |

136 p. O. pap.

Inner title page reads:

Practical suggestions | concerning the | teaching of English | language and literature. | State normal school bulletin. | Vol. III. April. No. 3. | 1903. |

BIBLIOGRAPHY OF IOWA PUBLICATIONS 135

Vol. III, No. 4. | May, 1903. | Commencement | bulletin | of the | Iowa | state normal | school | Cedar Falls, Iowa. | Issued quarterly. | Published by the normal school. | [Notice, 1 line] |

29 p. O. pap.

Inner title page reads:

Bulletin | of the | Iowa state normal school | Cedar Falls, Iowa. | 1903—Vol. III. May. No. 4 | Contents: | 1. Commencement announcements. | 2. Candidates for graduation. | 3. Register of class of 1902. |

Supplement to bulletin | State normal school | Vol. 3. No. 4 | Baccalaureate address | Homer H. Seerley, president | Iowa state normal school | Cedar Falls | Sunday, June 7, 1903 | The endowment of power |

13 p. O. pap.

Bulletin | of the | State normal | school | Cedar Falls, Iowa. | Vol. IV. June, 1903. No. 1. | Catalog and circular | for school year 1902-3. |

193 p. O. pap.

STATE TEACHERS' ASSOCIATION

Proceedings | of the | forty-eighth annual session | of the | Iowa state teachers' association, | held at | Des Moines, Iowa, | December 30 and 31, 1902, and January 1 and 2, 1903. | Printed by order of the General assembly. | Des Moines | B. Murphy, state printer | 1903 |

200 p. O. pap.

Proceedings | of the | forty-ninth annual session | of the | Iowa state teachers' association, | held at | Des Moines, Iowa, | December 28, 29, 30 and 31, 1903. | Printed by order of the General assembly | Des Moines: | Bernard Murphy, state printer, | 1904. |

200 p. O. pap.

STATE UNIVERSITY

The State university of Iowa | Iowa City | Twenty-third biennial report | of the | Board of regents | to the | governor | and the | thirtieth General assembly | 1901-1902 and 1902-1903. | Printed by

order of the General assembly. | Des Moines: | Bernard Murphy,
state printer, | 1903. |

172 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 3.

Bulletin of the State university of Iowa | New series no. 37 Feb-
ruary, 1902 | The | State university of Iowa | Iowa City | Announce-
ment of the | college of law | 1902-1903 | [Seal] | Published by the
university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

34 p. D. pap.

Bulletin of the State university of Iowa | New series no. 38 Feb-
ruary, 1902 | The | State university of Iowa | Iowa City | Announce-
ment of the | college of medicine | 1902-1903 | [Seal] | Published
by the university | Iowa City, Iowa | 1902 | [Notice, 4 lines] |

68 p. D. pap.

Bulletin of the State university of Iowa | New series no. 39
March, 1902 | The | State university of Iowa | Iowa City | An-
nouncement of the | college of homeopathic medicine | 1902-1903 |
[Seal] | Published by the university | Iowa City, Iowa | 1902 |
[Notice, 4 lines] |

50 p. D. pap.

Vol. V. 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 | October, 1902 |

334 p. pl. O. pap.

Bulletin, new series, no. 40. Erroneously marked 56 on cover.

Cover bears contents, 3 lines, and notices, 4 lines.

Bulletin of the State university of Iowa | New series no. 41
March, 1902 | Bulletin no. 1 | of the | department of education |
Entrance requirements | in English | [Seal] | Published by the uni-
versity | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

13 p. D. pap.

Bulletin of the State university of Iowa | New series no. 42
March, 1902 | Bulletin no. 2 | of the | department of education | The

BIBLIOGRAPHY OF IOWA PUBLICATIONS 137

small high school | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

19 p. D. pap.

Bulletin of the State university of Iowa | New series no. 43 April, 1902 | The | State university of Iowa | Iowa City | Announcement of the | college of dentistry | 1902-1903 | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

58 p. D. pap.

Bulletin of the State university of Iowa | New series no. 44 March, 1902 | Bulletin no. 3 | of the | department of education | The four year high school | course of study | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

15 p. D. pap.

A portion of the edition is erroneously numbered 43.

Bulletin of the State university of Iowa | New series no. 45 April, 1902 | The | State university of Iowa | Iowa City | Announcement of the | college of pharmacy | 1902-1903 | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

32 p. illus. D. pap.

Bulletin of the State university of Iowa | New series no. 46 May, 1902 | The | State university of Iowa | Iowa City | Announcement of the | summer session | June 16-July 26, 1902 | [Seal] | Including the | summer school for library training | under the auspices of the Iowa library commission | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

43 p. D. pap.

Supplement to the | bulletin of the State university of Iowa | New series no. 46 May, 1902 |

1 p. D. pap.

Bulletin of the state university of Iowa | New series no. 47 May, 1902 | Announcement of | university extension lectures | 1902-1903 | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

14 p. D. pap.

Bulletin of the State university of Iowa | New series no. 48 May, 1902 | The | State university of Iowa | Iowa City | Announcement of | the school of political and social science | 1902-1903 | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

45 p. D. pap.

Bulletin of the State university of Iowa | New series no. 49 May, 1902 | University of Iowa | Studies in psychology | edited by | George T. W. Patrick | professor of philosophy | Volume III | Contents [8 lines] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 3 lines] |

144 p. pl. O. pap.

Bulletin of the State university of Iowa | New series no. 50 May, 1902 | The | State university of Iowa | Iowa City | Announcement | of the | summer session | June 16-July 26, 1902 | (Condensed edition) | [Seal] | Iowa City, Iowa | May, 1902 | [Notices, 4 lines] |

27 p. D. pap.

Bulletin of the State university of Iowa | New series no. 51 June, 1902 | The | State university of Iowa | Iowa City | Announcement of the | college of liberal arts | 1902-1903 | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

182 p. D. pap.

Bulletin of the State university of Iowa | New series no. 52 June, 1902 | The | State university of Iowa | Iowa City | Announcement of the | graduate college | 1902-1903 | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

122 p. D. pap.

Bulletin of the State university of Iowa | New series no. 53 June, 1902 | Calendar | of | the State university of Iowa | Iowa City | 1901-1902 | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

523 p. D. pap.

Bulletin of the State university of Iowa | New series no. 54 August, 1902 | Bulletin no. 4 | of the | department of education | The

BIBLIOGRAPHY OF IOWA PUBLICATIONS 139

training of teachers in the | State university of Iowa | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

16 p. D. pap.

Bulletin of the State university of Iowa | New series no. 55 October, 1902 | The | State university of Iowa | Iowa City | University hospital | Announcement of clinics | 1902-1903 | [Seal] | Published by the university | Iowa City, Iowa | 1902 | [Notices, 4 lines] |

2 p. D. pap.

Bulletin of the State university of Iowa. | New series no. 56. December 1902. | A preliminary announcement | of the | summer session | of | the State university of Iowa | June 22-August 1, 1903 | [Seal] | including the | summer school for library training | under the auspices of the Iowa state library commission | The university press | Iowa City, Iowa | [Notices, 4 lines] |

16 p. D. pap.

Bulletin of the State university of Iowa | New series no. 57 March, 1903 | The | State university of Iowa | Iowa City | Announcement of | the school of political and social science | with courses in | commerce and administration | 1903-1904 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

55 p. D. pap.

Bulletin of the State university of Iowa | New series no. 62 March, 1903 | The | State university of Iowa | Iowa City | Announcement of the | college of law | 1903-1904 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

37 p. D. pap.

Should be numbered 58.

Bulletin of the State university of Iowa | New series no. 59 March, 1903 | The | State university of Iowa | Iowa City | Announcement of the | summer session | June 22-August 1, 1903 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

45 p. D. pap.

Supplement to the | bulletin of the State university of Iowa | New series no. 59 March, 1903 | Special announcement | of | courses in English, public speaking, and | physical training |

2 p. D. pap.

Bulletin of the State university of Iowa | New series no. 60 April, 1903 | The | State university of Iowa | Iowa City | Announcement of the | college of pharmacy | 1903-1904 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

35 p. illus. D. pap.

Bulletin of the State university of Iowa | New series no. 61 March, 1903 | The | State university of Iowa | Iowa City | Announcement of the | college of medicine | 1903-1904 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

71 p. illus. D. pap.

Bulletin of the State university of Iowa | New series no. 62 April, 1903 | Studies in sociology, economics | politics and history | Vol. II No. 2 | The political ideas | of | modern Japan | by | Karl Kiyoshi Kawakami, A.M. | 1903 | The university press | Iowa City, Iowa | [Notices, 4 lines] |

208 p. O. pap.

Bulletin of the State university of Iowa | New series no. 63 April, 1903 | The | State university of Iowa | Iowa City | Announcement of the | college of dentistry | 1903-1904 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

63 p. illus. D. pap.

Bulletin of the State university of Iowa | new series no. 64 April, 1903 | The | State university of Iowa | Iowa City | Announcement of the | college of homœopathic medicine | 1903-1904 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

59 p. D. pap.

Bulletin of the State university of Iowa | New series no. 65 April, 1903 | The | State university of Iowa | Iowa City | Announcement of the | college of liberal arts | 1903-1904 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

204 p. D. pap.

BIBLIOGRAPHY OF IOWA PUBLICATIONS 141

Bulletin of the State university of Iowa | New series no. 66 May, 1903 | The | State university of Iowa | Iowa City | Announcement of the | graduate college | 1903-1904 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

139 p. D. pap.

Bulletin of the State university of Iowa | New series no. 67 May, 1903 | Calendar | of the | State university of Iowa | Iowa City | 1902-1903 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

552 p. D. pap.

Bulletin of the State university of Iowa | New series no. 67 May, 1903 | Bulletin no. 5 | of the | department of education | Preliminary report of the committee | on a uniform high school course | in English | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

14 p. D. pap.

Bulletin of the State university of Iowa | New series no. 68 June, 1903 | Announcement of | university extension lectures | 1903-1904 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

46 p. D. pap.

Bulletin of the State university of Iowa | New series no. 69 July, 1903 | The | State university of Iowa | Iowa City | Announcement of | the school of applied science | 1903-1904 | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

84 p. D. pap.

Bulletin of the State university of Iowa | New series no. 70 September, 1903 | American citizenship | Address delivered before the State university of Iowa, at | the forty-third annual commencement, | June 17, 1903 | by the | Honorable George F. Hoar | [Seal] | Published by the university | Iowa City, Iowa | 1903 | [Notices, 4 lines] |

39 p. O. pap.

Bulletin of the State university of Iowa. | New series no. 71. December 1903. | Preliminary announcement | of the | summer session |

of | the State university of Iowa | June 18–July 30, 1904 | [Seal] |
Including the | summer school of library training | under the aus-
pices of the Iowa state library commission | The university press |
Iowa City, Iowa | [Notices, 4 lines] |

30 p. D. pap.

Provincialism | An address to | the Phi Beta Kappa society | of |
the State university of Iowa | by | Josiah Royce | Iowa City, June
10, 1902 |

30 p. O. pap.

SUPREME COURT

Reports | of | cases at law and in equity | determined by the | Su-
preme court | of the | state of Iowa. | October 19, 1901–February 10,
1902. | By | Benj. I. Salinger. | Volume XXVI. | Being volume
CXV. of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, pub-
lisher | 1902. |

ix + 878 p. O. sh.

Reports | of | cases at law and in equity | determined by the | Su-
preme court | of the | state of Iowa. | February 10, 1902–May 14,
1902 | By | Benj. I. Salinger. | Volume XXVII. | Being volume
CXVI. of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, pub-
lisher | 1903. |

ix + 863 p. O. sh.

Reports | of | cases at law and in equity | determined by the | Su-
preme court | of the | state of Iowa. | May 14, 1902–October 24,
1902 | By | Benj. I. Salinger. | Volume XXVIII. | Being volume
CXVII. of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, pub-
lisher, | 1903. |

viii + 858 p. O. sh.

Reports | of | cases at law and in equity | determined by the | Su-
preme court | of the | state of Iowa. | October 7, 1902–December 20,
1902. | By | W. W. Cornwall. | Volume I. | Being volume CXVIII.
of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, publisher, |
1903. |

viii + 853 p. O. sh.

BIBLIOGRAPHY OF IOWA PUBLICATIONS 143

Reports | of | cases at law and in equity | determined by the | Supreme court | of the | state of Iowa. | December 19, 1902–April 9, 1903. | By | W. W. Cornwall. | Volume II. | Being volume CXIX. of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, publisher. | 1903. |

viii + 860 p. O. sh.

Reports | of | cases at law and in equity | determined by the | Supreme court | of the | state of Iowa. | April 9, 1903–May 29, 1903. | By | W. W. Cornwall. | Volume III. | Being volume CXX. of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, publisher, | 1904. |

viii + 843 p. O. sh.

Reports | of | cases at law and in equity | determined by the | Supreme court | of the | state of Iowa. | May 1903–October 1903. | By | W. W. Cornwall. | Volume IV. | Being volume CXXI. of the series. | Des Moines, Iowa: | Geo. H. Ragsdale, publisher, | 1904. |

viii + 838 p. O. sh.

Supreme court docket | January term, A. D. 1902. | At | Des Moines, Iowa. | [Notices, index, directory, 37 lines] |

57 p. Q. pap.

Supreme court docket | May term, A. D. 1902. | At | Des Moines, Iowa. | [Notices, index, directory, 37 lines] |

50 p. Q. pap.

Supreme court docket | October term, A. D. 1902. | At | Des Moines, Iowa. | [Notices, index, directory, 37 lines] |

60 p. Q. pap.

Supreme court docket | January term, A. D. 1903. | At | Des Moines, Iowa. | [Notices, index, directory, 36 lines] |

56 p. Q. pap.

Supreme court docket | May term, A. D. 1903. | At | Des Moines, Iowa. | [Notices, index, directory, 35 lines] |

46 p. Q. pap.

Supreme court docket | October term, A. D. 1903. | At | Des Moines, Iowa. | [Notices, index, directory, 36 lines] |

61 p. Q. pap.

TREASURER OF STATE

Biennial report | of the | treasurer of the state of Iowa | for the | biennial period ending June 30, 1903. | G. S. Gilbertson, | treasurer of the state of Iowa. | Des Moines: | Bernard Murphy, state printer, | 1903. |

317 p. O. cl.

Contained also in the set of Iowa documents, 1904, vol. 1.

VETERINARY SURGEON

Fourth biennial report | of the | veterinary surgeon | of the | state of Iowa | to the | governor of Iowa | for the | period ending June 30, 1903. | Des Moines: | Bernard Murphy, state printer, | 1904. |

55 p. por. pl. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 5.

WEATHER AND CROP SERVICE

U. S. Department of agriculture, | Weather bureau, | in co-operation with the | Iowa weather and crop service. | Annual report for 1902, | with an | appendix | containing a compilation of data | relative to the | climate and crops of Iowa. | Geo. M. Chappel, local forecaster, ass't director. | John R. Sage, section director. | Printed by order of the General assembly. | Des Moines: | Bernard Murphy, state printer, | 1903. |

48 + 185 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 4.

Containing an appendix on Iowa climate and crops.

U. S. Department of agriculture, | Weather bureau, | in co-operation with the | Iowa weather and crop service. | Annual report for 1903. | Geo. M. Chappel, local forecaster, ass't director. | John R. Sage, director. | Printed by order of the General assembly. | Des Moines: | B. Murphy, state printer | 1904 |

47 p. O. pap.

Contained also in the set of Iowa documents, 1904, vol. 4.

BIBLIOGRAPHY OF IOWA PUBLICATIONS 145

U. S. Department of agriculture—Weather bureau. Monthly review of the Iowa weather and crop service. Volume XIII. January–December, 1902. No. 1–12.

U. S. Department of agriculture—Weather bureau. Monthly review of the Iowa weather and crop service. Volume XIV. January–December, 1903. No. 1–12.

The Weather bureau issues also, during the spring and summer months, a weekly climate and crop bulletin, sent out on postal cards, taken from broadsides like the following:

U. S. Department of agriculture. | Iowa section, | Climate and crop service, | Weather bureau. | In co-operation with the Iowa weather and crop service. |

Broadsides, 3 columns, issued weekly, beginning April 14th, 1902, and closing September 22nd, 1902.

U. S. Department of agriculture. | Iowa section, | Climate and crop service, | Weather bureau. | In co-operation with the Iowa weather and crop service. | Crop bulletin. |

Broadside, 3 columns, issued weekly, nos. 1–25, beginning April 13, 1903, and closing September 28, 1903, and a special card issued October 5, 1903.