



Nineteenth

Annual Commencement

Iowa Agricultural College,

Ames, November 12th, 1890.

Intelligencer Press, Ames.



List of Graduates with Titles of their Theses.

The Course in Science and Agriculture.

- J. A. Bishop, - - Washington County.
A Comparison of the Characters of Napoleon and Washington.
- Meyer Brandvig, - - Story County.
The Wages Problem.
- J. S. Chamberlain, - - Story County.
A Study of the Styles of the Compositae.
- H. E. Crosby, - - Floyd County.
*Belief in the Existence of a Deity Logical Necessity
of the Human Soul.*
- W. C. Dewell, - - Harrison County.
*The Struggle of the French and English for
Supremacy in America.*
- E. N. Eaton, - - Keokuk County.
Petroleum.
- J. M. Graham, - - Audubon County.
The Relation of Tariff to the Farmer.
- Spencer Haven, - - Floyd County.
Individualism Under Government.
- Eugene Henely, - - Jones County.
Journalism.
- T. S. Howard, - - Polk County.
The Limitations of Individual Ownership.
- T. S. Kerr, - - Appanoose County.
*The Gross Anatomy of the Brain of the *Spermophilus
Tridecemlineatus*.*
- E. A. Kreger, - - Keokuk County.
*The Military System and Policy of the United States,
Past, Present and Future.*
- Alice Mann, - - Kossuth County.
Truth for Authority and not Authority for Truth.
- Bertha Mann, - - Kossuth County.
Artificial Cross-fertilization of Plants.
- R. W. Olmsted, - - Illinois County.
The Banking Functions.
- G. H. Schulte, - - Clayton County.
An Examination of Iowa Waters, and the Test for Hardness.
- W. H. Shaul, - - Iowa County.
Taxation.
- J. T. Stinson, - - Montgomery County.
Climate as Affected by Man.
- Edward Thurlimann, - - Story County.
*A Study of the Kjeldahl Process of the Determination of
Nitrogen, Especially in Nitrates.*

Leo Thurlimann, - Story County.
Opium, its Constituents and Analysis.

THE COURSE FOR LADIES.

Mary E. Fellows, - Tama County.
The Tendency of Socialism.

Lelle L. Gaston, - Marshall County.
Christianity and International Law.

May Hardy, - Story County.
The Life and Poetry of John Milton.

Ada Mills, - Greene County.
The Science of Things not Seen and not Material.

Violet U. Quint, - Carroll County.
The Sonnet.

Minnie Roberts, - Harrison County.
The Means and the Basis of Knowledge.

Kate Stevens, - Cerro Gordo County.
Woman's Work and Wages.

H. J. Cora Van Velsor, - Humboldt County.
Freedom, Fellowship and Character in Religion.

THE COURSE IN MECHANICAL ENGINEERING.

J. A. Bramhall, { *An Electrical Railway be-* } Warren County.
C. D. Davidson, { *tween Ames and the College.* } Jones County.

THE COURSE IN CIVIL ENGINEERING.

W. E. Bolles, - Winneshiek County.
*A Study and Comparison of the Double Intersecting Pratt,
the Keystone and the Parabolic Truss.*

F. E. Davidson, - Jefferson County.
Proposed Waterworks for Ames, Iowa.

THE COURSE IN VETERINARY SCIENCE.

Q. C. Fuller, - Emmett County.
Acute Articular Rheumatism.

T. A. Geddes, - Story County.
Tetanus.

James J. McLaughlin, - Hamilton County.
The Comparative Anatomy of the Hand in Vertebrates.

J. C. Norton, - Muscatine County.
Trichina and Trichinosis.

A. R. Williams, - Mills County.
Urine Analysis.



PROGRAMME.

PRAYER.

MUSIC, - *Praise Ye The Father,* - Gounod.

Thesis; Three Bridge Trusses,

William E. Bolles, - - Ridgeway.

Thesis; Trichina and Trichinosis,

James C. Norton, - - Wilton Junction.

Oration; There Is A God,

George H. Schulte, - - Clayton.

Oration; Uniformity in Nature,

Joseph S. Chamberlain, - - Ames.

MUSIC, - *Serenade,* - Conrade.

**Thesis; An Electrical Railroad Between Ames
And The College,**

Charles D. Davidson, - - Monticello.

Oration; The History of Chemistry,

Leo Thurlimann, - - Ames.

Oration; Christianity and International Law,

Belle L. Gaston, - - Marshalltown.

MUSIC, - *Spring Song,* - Lynes.

Oration; The Means and the Basis of Knowledge,

Minnie Roberts, - - Dunlap.

Oration; Woman's Work and Wages,

Kate Stevens, - - Mason City.

Oration; The Supremacy of Mind,

Edward A. Kreger, - - Keota.

MUSIC, - *Ever be Happy,* - Balfe.

Degrees Conferred.

Address by Chairman of Board of Trustees.

Response, - - E. C. Oggel, Orange City.

BENEDICTION.

THE MUSIC IS FURNISHED BY THE I. A. C. CHORAL UNION.

