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Twenty-First Annual Meeting (of the Iowa Academy of Science): Minutes; Program; Staff & Committee Reports

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Twenty-first Annual Meeting.

The twenty-first annual meeting of the Iowa Academy of Science was held in the rooms of the Physics department at Drake university, Des Moines, April 26 and 27, 1907. In the business session the following matters of general interest were presented:

REPORT OF THE SECRETARY.

TO THE MEMBERS OF THE IOWA ACADEMY OF SCIENCE:

The twentieth annual meeting of the Iowa Academy of Science was held at Ames on April 20 and 21, 1906. At this meeting two names were transferred from the list of members to that of fellows, nine were elected fellows and eighteen members, making a total increase in numbers of eleven fellows and sixteen members. Since the time of the meeting ten names have been dropped from the list, some by request and others because of non-payment of dues. The membership at present consists of 77 fellows, 70 members, and 55 corresponding members, making a total of 202.

Volume XIII of the proceedings contains the largest amount of matter of any volume issued. Even though brevier type was used the limit of 300 pages was reached and one lengthy paper was omitted because of want of space. The extreme delay in publication was due largely to a strike which put the state printer far behind with his work, and partially to slowness after the work began. Some of the papers for publication were not received by the secretary from the authors until August. Such delay can hardly be excusable. Work was not begun by the state printer until the latter part of September. There was a little delay at the bindery in getting the cloth bound copies ready, occasioned by a wait for some stock used.

In accord with the instructions of the Academy a better grade of paper was used for the reprints than that used in the bound volumes.

All the plates for illustration were allowed by the executive council. For reasons of economy the council directed that the illustrations be grouped together in the volume instead of being arranged with their respective articles. This detracts somewhat from the book but causes a saving of some \$80 to the state.

The recent legislature changed the law so that instead of two, only one copy of the proceedings shall be sent to libraries and to members of the legislature.

The secretary very earnestly suggests the advisability of presenting in type written form all manuscripts intended for publication. So far as I know

there is no printer so thoroughly conversant with all the sciences that he can always correctly interpret pen marks that presumably are intended to convey some thought or impart some fact in some one of the fields of science entered by the members of the Academy; and I know there is no member of the Academy sufficiently grounded in all the sciences to be able to do this.

The rule with reference to the submitting of a brief abstract with each title is disregarded to a very considerable degree. It is to me a question whether such a rule be advisable. But so long as the Academy has the rule it should be enforced. An item of but little importance is the name of the Academy; is it the Iowa Academy of Sciences or the Iowa Academy of Science? The minutes seem to show that when the name was changed from The Iowa Association for Scientific Research that the new name adopted was The Iowa Academy of Science; but the plural form of the word, sciences, is that most frequently used.

For the sake of uniformity, it seems advisable that the Academy should adopt some ruling with reference to the capitalization of scientific names derived from proper names. In editing Vol. XIII the secretary perhaps rather arbitrarily changed the capitalized specific names to make them begin with lower case letters, believing it better to have uniformity in the volume in this respect. Respectfully submitted,

L. S. ROSS, Secretary.

MINUTES OF THE TWENTY-FIRST ANNUAL MEETING OF THE IOWA
ACADEMY OF SCIENCE.

The sessions of the Academy were held at Drake university, Des Moines, Iowa, in the Physics lecture room, April 26 and 27, 1907.

At 1:30 o'clock P. M., April 26th, the president of the Academy, Professor C. O. Bates of Coe college, called the meeting to order. During the two days' session the following program was presented:

PROGRAM.

- President's address, The Influence of Science in Training Ideals....C. O. Bates
1. Exposures of Iowan and Kansan (?) Drift, East of the Usually Accepted Boundary Line of the Driftless Area.....Ellison Orr
 2. (a) Volcanic Phenomena Around Citlaltepétl and Popocatepetl, Mexico.
(b) Significance of the Mesa de Maya.
(c) Tertiary Terranes of New Mexico.....Charles R. Keyes
 3. A Visit to the Panama Canal (Illustrated).....Grant E. Finch
 4. The Channel of the Mississippi Between Lansing and Dubuque (Illustrated).....S. Calvin
 5. (a) Recent Alluvial Changes in Southwest Iowa.
(b) Effect of Certain Characteristics of Formations Upon Rate of Their ErosionJ. E. Todd
 6. The Loess of the Missouri River (Illustrated).....B. Shimek

7. The Orbit of the Asteroid, 1906, W. E.....E. B. Stouffer
8. A Catalog of the Poisonous Plants of Iowa.....
.....L. H. Pammel and Estelle D. Fogel
9. A Study of the Variation in the Number of Ray Flowers in Certain
Compositae.....W. S. Dudgeon
(Presented by L. H. Pammel.)
10. Iowa Erysiphacea.....J. P. Anderson
11. Notes on Iowa Algae.....R. E. Buchanan
12. The Homologies of Tissues in Ferns.....H. S. Conard
13. Studies in Karyokinesis.....J. E. Gow
14. The Estimation of Silica.....Nicholas Knight
15. The Recent Investigation of Iowa Ground Waters....W. S. Hendrickson
16. Some Problems in Municipal Sanitation.....L. H. Pammel
17. The Physical Science Laboratory of the State Normal (Illustrated)
.....A. C. Page
18. The Lateral Line System of Amphiuma.....H. W. Norris

In addition to the regular program an evening meeting was held in the university auditorium, to hear a lecture by Professor H. L. Russell of the University of Wisconsin, on "Recent Discoveries with Reference to Insect Borne Diseases," and one by Professor W. W. Campbell, Director of the Lick Observatory, on "The Solar Eclipse in Spain."

On Friday afternoon a brief business meeting was held for the appointing of committees. Committees appointed were as follows:

- Auditing: Pammel, Ross, Finch.
- Membership: Hendrixson, Summers, Begeman.
- Nominations: Ross, Norris, Ricker.
- Resolutions: Tilton, Arey, Almy.
- Secretary's Report: Ricker, Almy, Norris.

At 8:30 A. M., Saturday, April 27th, the council was called to order by President Bates to receive reports of committees. The minutes of the Twentieth annual meeting were read and were referred to the committee on secretary's report. The committee on membership offered the following report:

Names proposed for fellows: H. J. Hoeve, Des Moines; B. E. Shepperd, Des Moines; Henry S. Conard, Grinnell.

Names for members: N. C. Monroe, Fred J. Lazell, E. K. Chapman, C. W. Ellyson, T. C. Stevens, Joseph A. Anderson, F. V. Hanson, J. W. Morrison, Mark F. Boyd, J. W. Edwards, Henry Ness, F. J. Smith, Robert W. Getchell, Keith J. Irwin.

Names transferred to corresponding membership: Bruce Fink, Oxford, Ohio; T. E. Savage, Urbana, Ill.

Report of committee on resolutions: Your committee on resolutions present the following:

Resolved—

First: That we express our appreciation of the kindly manner in which the members of the Academy of Science have been entertained by the faculty and friends of Drake university and of the ample facilities for our meeting which the university has placed at our service.

Second: That we express appreciation of the most excellent lectures delivered at our evening session, April 26, by Professor H. L. Russell on the subject, "Recent Discoveries on Insect Borne Diseases," and Professor W. W. Campbell on "The Solar Eclipse in Spain."

Third: That we recognize the courtesy of the Greater Des Moines committee in entertaining the officers of this Academy at its luncheon Friday, April 25th.

Signed by the committee: John L. Tilton, M. F. Arey, Frank F. Almy.

Report of committee on secretary's report:

The committee commend the secretary for his care in editing Vol. XIII. We approve uniformity of capitalization in scientific names. We believe the secretary should insist upon the observance of the rule requiring typewritten copies for publication and that abstracts should be furnished by members.

Signed by the committee: Maurice Ricker, Frank F. Almy, H. W. Norris.

Report of committee on nominations:

For President, John L. Tilton; First Vice-President, C. L. Von Ende; Second Vice-President, Nicholas Knight; Secretary, L. S. Ross; Treasurer, H. E. Summers; Executive committee, elective, L. Begeman, J. Fred Clark, R. B. Wylie. Report was presented by Mr. Ricker.

Signed by the committee: L. S. Ross, H. W. Norris, Maurice Ricker.

Reports of committees were received and adopted by the Council. A motion was made and carried that L. Begeman be elected a member of the Council. The Treasurer's report was received and referred to the auditing committee. The Council adjourned and the Academy was called to order. At the conclusion of the program a final business session of the Academy was held. The action of the Council was presented and was ratified. A committee consisting of Messrs. Pammel, Arey, and Bates was appointed to investigate the establishment of life memberships and the giving of prizes for specially meritorious work by members of the Academy. Also a committee consisting of Messrs. Ross, Summers, and Hendrixson was appointed to serve as a membership committee for one year; and said committee was instructed to revise the list of Academy members.

The treasurer was authorized to pay Professor W. W. Campbell twenty-five dollars for his lecture before the Academy Friday evening, April 26th.

The following resolution was adopted:

Resolved, That hereafter a Committee on Membership be appointed by the incoming President at the meeting at which he is elected, which committee shall serve until their successors are appointed; that a by-law providing for this be incorporated by the secretary.

An invitation was extended by Professor Calvin to the Academy to hold the next meeting at the State university. The place of meeting was left for the executive committee to determine. The Academy adjourned.

TREASURER'S REPORT.

RECEIPTS.

Cash on hand April 20, 1906.....	\$ 172.62	
Sale of Proceedings.....	2.70	
Dues and Initiation Fees.....	145.00	
Interest on Deposits.....	6.00	\$ 326.32
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EXPENDITURES.

Printing.....	\$ 5.25	
Expenses of Lecture, 1906.....	32.00	
Secretary's Honorarium for 1906-07.....	25.00	
Cash on hand April 26, 1907.....	264.07	\$ 326.32
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Respectfully submitted,

H. E. SUMMERS, Treasurer.