

1942

Proceedings of the Fifty-Sixth Annual Meeting of the Iowa Academy of Science, Held at Mt. Pleasant, March 17 and 18, 1942: Minutes of the 1942 Meeting

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PROCEEDINGS OF
THE FIFTY-SIXTH ANNUAL MEETING OF
THE IOWA ACADEMY OF SCIENCE

Held at Mt. Pleasant, March 17 and 18, 1942

MINUTES OF THE 1942 MEETING

The fifty-sixth meeting of the Iowa Academy of Science was called to order by President Nelson in the Iowa Wesleyan Chapel at 10:30 a. m., April 17, 1942. The following committees were appointed by the President:

Necrology: Peterson, Lindstrom, Herr

Resolutions: Peterson, Huff, Raiford

Nominations: McClenon, Trowbridge, Gouwens, Carter, Martin

The Academy was officially welcomed to the campus of Iowa Wesleyan College by President Stanley B. Niles. Since 1942 was the year of its centenary celebration, President Niles presented a review of the history, accomplishments, and objectives of Iowa Wesleyan.

The presidential address by Dr. Nelson of Cornell College was a development of his announced subject, *Science in a Changing World*. Immediately afterwards Dr. Walter F. Loehwing of the State University gave an invitation address on *Nutritional Factors in Plant Growth and Development*.
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Friday afternoon, 1:30 - 3:00, academy members attended the customary joint symposium with the Iowa Medical Society presided over by Dr. H. E. Rath. *Industrial Hygiene Problems in Iowa* was the topic discussed by Dr. Paul J. Hauser, Director of Hygiene, Iowa State Department of Health. This paper was followed by one on *Air-Borne Infection* by Dr. Roland Rooks of the Department of Hygiene and Preventive Medicine, State University.

There were 130 diners at the All-Academy Dinner Friday evening in Hershey Hall. Dr. T. F. Vance of the State College delivered a sparkling dinner address entitled *Sense and Nonsense Amid the Scientific*.

The special feature of the meeting, the Academy Address, was delivered this year by Dr. George E. Stoddard, Dean of the Graduate College, State University. His subject, *New Light in Intelligence*, was developed in a discussion of the effect of "nature and nurture" on the intelligence quotient.

As is customary, the various sections of the Academy met on Friday afternoon and Saturday morning, adjourning on Saturday in time for the business session in the Chapel at 11:00 a. m.

Reports of the Executive Committee, Secretary, Treasurer, Auditing Committee, Editor, Finance Committee, High School Relations Committee, Necrology Committee, Biological Survey Committee, and Conservation Committee were read and accepted upon motion.

The Secretary's recommendation that the Constitution and By-Laws be recoded by a committee appointed by the President and presented to the 1943 meeting of the Academy for approval was adopted upon motion.

The report of the Biological Survey committee contained a recommendation that the resignation of the Committee be accepted. Upon motion the report of the Committee was accepted striking out all reference to resignation.

A motion by M. L. Grant that the name of the Botany-Bacteriology Section be changed to Botany Section provoked considerable discussion. The motion suggesting the change was approved by the vote of the members.

The Nominating Committee presented the following slate of officers for the year 1942-43:

President, C. W. Lantz, Cedar Falls
 Vice-President, E. R. Smith, Ames
 Secretary-Treasurer, E. R. Becker, Ames
 Editor, L. R. Wilson, Coe College.

The section chairmen and representatives of sections on the Executive Committee were announced as follows:

<i>Section</i>	<i>Chairman</i>	<i>Executive Committeeman</i>
Botany	W. E. Loomis	Louisa Sargent (1939-1943)
Chemistry, General and Physical	D. L. Deardorff	Jacob Cornog (1941-1945)
Chemistry, Organic, Biological	F. B. Moreland	B. H. Peterson (1939-1943)
Geology	E. J. Cable	A. K. Miller (1942-1946)
Mathematics	N. B. Conkwright	C. Gouwens (1940-1944)
Physics	L. T. Earls	Roy A. Nelson (1942-1946)
Psychology	H. F. Brandt	A. H. Lauer (1941-1945)
Science Teaching	K. A. Stiles	M. F. McDonald (1942-1946)
Zoology	Leland P. Johnson	T. L. Jahn (1942-1946)

Announcement was made that the 1943 meeting of the Iowa Academy of Science will be held in Cedar Falls.

A motion to adjourn was adopted.
 E. R. BECKER, *Secretary*.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee met in the Mathematics Room, Old Main, at 1:30 p. m., April 17. President Roy A. Nelson presided. The following members were present: Lantz, Wilson, Conard, Aikman, Kambly, Culbertson, Sargent, Peterson, Gwynne, Gouwens, Jaques, and Becker.

The Secretary's report containing the recommendation that the

constitution and by-laws be revised during the year 1942-1943 and be published in the 1943 *Proceedings* was discussed and approved.

The A. A. A. S. grant of \$123.50 for research and \$26.50 additional to be taken from the 1942 income of the Academy from the endowment fund were appropriated for investigations now being conducted by Ben H. Peterson, Wm. M. Goldsmith, and T. C. Stephens. The desirability of increased funds for research was discussed.

The committee previously appointed to investigate the feasibility of a Collegiate Academy in Iowa reported to the effect that it did not consider it advisable to recommend that efforts be made to establish such an institution under present war conditions. A motion that the report be accepted and the committee released was adopted.

G. L. Wittrock was appointed official delegate to the Torrey Botanical Club's celebration of the 75th Anniversary of its Foundation in New York on June 22, 1942.

The usual \$100 was appropriated to the Junior Academy of Science of Iowa, apportioned as follows: honorarium, Permanent Secretary, \$25; current expenses, \$75.

At its 1941 meeting the Executive Committee delegated Dr. Karl A. Stiles to prepare a scientific book exhibit of Iowa authors at its 1943 meeting in Cedar Falls. Upon reconsideration the preparing of the exhibit has been left to the discretion of Dr. Stiles.

Cedar Falls was definitely selected for the 1943 meeting, while no decision was made for the place of the 1944 meeting.

Respectfully submitted,
E. R. BECKER, *Secretary*

REPORT OF THE SECRETARY 1941 - 1942

In planning my first annual report as Secretary of the Iowa Academy of Science, I am confronted with the problem of what should be the nature and scope of such a report. This year I started calling the mimeographed sheet announcing the annual meeting *Secretary's Letter*. It is my hope that in the course of time this letter will develop into a medium of expression between the Secretary's office and the membership that will largely supplant much of the material formerly appearing in the Secretary's published report. The letter has the advantage of being more informal and personal, and in it can be discussed matters not intended for the permanent record. If it does arouse more interest on the part of members in the conduct of Academy affairs it will have had the desired effect, for after a year's experience in office, I feel very keenly the apathy on the part of the membership in this regard.

As the treasurer's report indicates, the finances of the Academy are in excellent condition with a total of about \$5.00 per member in the endowment fund and about \$0.40 per member in the cash balance. I feel it is particularly desirable that at the present time the Academy maintain as strong a cash balance as possible.

Constitution of the membership is practically the same as the list

appearing in Vol. XLVIII of the *Proceedings*. The total of 681 members was distributed as follows: honorary fellows, 4; emeritus fellows, 3; life fellows, 22; fellows, 291; associates, 361. It will doubtless require strenuous efforts on the part of the membership committee and the general membership if we are to preserve this strong position.

The Junior Academy of Science is having its troubles. *The American Institute*, with which it had a cooperative agreement, has transferred its interests in junior academies to the *Science Clubs of America*. There were certain aspects of the deal that have drawn the sharp disapproval of the General Secretary of the American Association for the Advancement of Science and some of the members who attended the last Academy Conference at Dallas, Tex. The Academy Conference has a committee appointed to investigate the whole situation relative to the relations between Junior Academies and Science Clubs of America and to make a report. Meanwhile our own Junior Academy is carrying on more or less independently, though some of the clubs are subscribing to the services offered by the S. C. A. It is our hope that in the near future an agreement will be worked out between the Science Clubs of America and our own Junior Academy.

The secretary's report of last year, prepared by Dr. J. C. Gilman, contained a recommendation that the Academy set up a program committee (quote) to relieve the Secretary of the burden of the general program for the meeting and to look after the entire arrangement of time of meetings and avoidance of conflicts. This committee was to consist of the vice-president, who would serve as chairman, and three other members, one representing medical science, another teaching interests, and one a member-at-large. His recommendation was adopted at the last meeting, and the President appointed the following committee: C. W. Lantz, (chairman), M. E. Barnes, S. M. Dietz, and B. H. Peterson. This committee, in consultation with the Local Committee at Mt. Pleasant and the President and Secretary of the Academy proceeded to prepare the general program and, in its first test, attained effectively the objectives of the one who conceived it. It is the Secretary's hope that suggestions will from time to time be forwarded to this committee from the membership so that it will be cognizant of the kind of programs the membership desires.

It seems that the time has come again when the constitution and by-laws should be reprinted. Before this is done a committee should be appointed to reformulate them. The secretary recommends that the President for 1942-43 appoint a committee to accomplish the stated purpose, and that the new formulation of constitution and by-laws be submitted to the fellows of the Academy in accordance with Section 8 of our present constitution.

Respectfully submitted.

E. R. БЕСКЕР,
Secretary-Treasurer
(April 18, 1942)