1972


Academy Editors
MINUTES OF THE FIFTY-SIXTH ANNUAL MEETING - APRIL 7-8, 1972

FIRST BUSINESS MEETING

The first business meeting of the 56th Annual Meeting of the Arkansas Academy of Science was called to order by Dr. George Templeton, President of the Academy, at 10:45 a.m. on April 7, at the University of Arkansas, Fayetteville. Dr. Templeton introduced Dr. David W. Mullins, President of the University, who welcomed the members of the Academy to the campus.

President Templeton then called for reports from the officers of the Academy.

Secretary:

The Secretary reported that the minutes of the 55th Annual Meeting held at Harding College, April 16-17, 1971, were being distributed to the members at the registration desk and moved that the minutes be approved as circulated. The motion was seconded, after which the Secretary moved that the motion to approve the minutes be tabled until the second business meeting in order to give members an opportunity to read the minutes. The motion to table was seconded and the motion carried.

The Secretary discussed membership figures for the past three years. Dues-paying members in 1971 totaled 136 in contrast to 180 in 1969 and 189 in 1970. The 1971 dues-paying members were distributed among the sections as follows:

<table>
<thead>
<tr>
<th>Section</th>
<th>Number of Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
<td>4</td>
</tr>
<tr>
<td>Biology</td>
<td>77</td>
</tr>
<tr>
<td>Chemistry</td>
<td>35</td>
</tr>
<tr>
<td>Mathematics</td>
<td>7</td>
</tr>
<tr>
<td>Geology</td>
<td>5</td>
</tr>
<tr>
<td>Physics</td>
<td>11</td>
</tr>
<tr>
<td>Science</td>
<td>5</td>
</tr>
<tr>
<td>Education</td>
<td>26</td>
</tr>
</tbody>
</table>

(Some members indicated an interest in more than one section.)

Treasurer:

Copies of the financial statement and summary were distributed by Dr. J.P. Jones, Treasurer. Dr. Jones' motion to accept the Treasurer's Report was seconded and the motion carried. The financial statement and summary follow.

Financial Statement
Arkansas Academy of Science
April 1, 1972

Balance on hand April 1, 1971 $2741.48
Reserve fund 1502.72
Total assets 4244.20

Receipts - April 1, 1971 - March 31, 1972

1. Membership dues $589.00
2. Institutional memberships 500.00
3. Sale of Proceedings 40.00
4. Page charges for Proceedings 337.20
5. Banquet tickets 235.00
Total receipts 1171.20

Summary

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original balance</td>
<td>52741.48</td>
</tr>
<tr>
<td>Receipts</td>
<td>4442.58</td>
</tr>
<tr>
<td>Less disbursements</td>
<td>4300.68</td>
</tr>
<tr>
<td>Balance</td>
<td>1422.00</td>
</tr>
<tr>
<td>Reserve fund</td>
<td>1502.72</td>
</tr>
<tr>
<td>Interest on reserve</td>
<td>84.59</td>
</tr>
<tr>
<td>Total reserve</td>
<td>1587.31</td>
</tr>
<tr>
<td>Total assets April 1</td>
<td>1729.31</td>
</tr>
</tbody>
</table>

Disbursements - April 1, 1971 - March 31, 1972

1. Robert Kirkwood - expenses 34.03
2. Keith Jones - Talent Search winner 20.00
3. Bill's Restaurant, Searcy - banquet 170.50
4. U. of A. - office supplies 17.88
5. W.A. Guest - postage and supplies 57.04
6. U. of A. - office supplies 4.83
7. Southwest Printing - 1970 Proceedings 1770.37
8. Lowell Bailey - post box rent 2.00
9. AAAS - annual contribution 6.00
10. Southwest Printing - 1971 Proceedings 1944.85
11. E.E. Hudson - Junior Academy 200.00
12. U. of A. - office supplies 10.92
13. U. S. Postoffice - stamps 16.00
14. U. of A. - letter copies 5.75
15. U. S. Postoffice - stamps 12.00
16. U. S. Postoffice - stamps 4.00
17. U. of A. - letter copies 4.50
18. U. of A. - office supplies 20.01
Total disbursements $4300.63

Editor:

Dr. L.C. Howick, Editor, reported that Volume 25, 1971, of the Proceedings of the Arkansas Academy of Science had been distributed to the members. He said that the current volume is the second in the new format which has resulted in lower total cost and has provided greater editorial flexibility. He discussed briefly how papers are reviewed and how page charges are determined. The Proceedings is now abstracted by most of the important abstracting journals. Dr. Howick noted that Volume 25 was the last volume for which he would serve as Editor. His five-year term ends with this business meeting.

Historian:

Dr. Dwight Moore called the attention of the membership to the compilation of Academy officers published in Volume 25 of the Proceedings. This compilation includes all of the Academy officers since the organization of the Academy in 1917 along with other information of historical interest.
The President:

Dr. Templeton reported that he had written a letter on behalf of the Academy in support of the bill being considered by the U.S. House of Representatives which would designate the Buffalo River as a National River.

President Templeton then appointed the following Committees:

Nominations: Neil Fulton, P.M. Johnston, Samuel Siegel, James Fribourgh, W.W. Trigg
Audit: Eugene Wittlake, E.E. Hudson, R.L. Meyer
Resolutions: Robert Kirkwood, Joe Nix, M.L. Lawson, Douglas James
Meetings: Clark McCarry, Hugh Johnson, Virginia Kirk, C.B. Sinclair, Joe M. Guenter, Eugene Wittlake
A.A.A.S. Fellow Committee: Neal Buffaloe, Samuel Siegel, Paul Sharrah, Frances Clayton

President Templeton then called for reports from the representatives of organizations sponsored by or associated with the Academy.

Science and Technology Council:

Dr. R.C. Anderson described the new Council created by the Legislature and appointed by the Governor. The Council hopes to work closely with industrial scientists and engineers as well as with those in academic areas. The Symposium on the Interaction of Science, Industry, and Government, organized by Dr. John Imhoff, should provide an opportunity for an exchange of information among these various groups, as will the evening roundtable discussion on Technology Transfer with Dr. Anderson, Chairman of the Science and Technology Council, presiding.

Collegiate Academy of Science.

Dr. Joe Nix reported that the Collegiate Academy has about 150 members but the response to a call for papers for the meeting this year was not as good as last year. Only 10-12 papers are to be presented. This year the Collegiate Academy is conducting a symposium on the Natural History of the Buffalo River. The Academy has been operating for two years outside the constitution which will be revised. The Collegiate Academy needs the help of the institutional members and the financial assistance of the Senior Academy.

Junior Science and Humanities.

Dr. Eugene Wittlake, Director, reported that the Sixth Symposium was held in Little Rock, November 11-13, 1971. Ninety-three students and 53 teachers from 61 school districts participated. Of 32 research papers submitted, seventeen were read before the judges. The six winners were to go to the National Symposium at Duke University. Dr. Wittlake indicated that increasing costs presented some budget problems for this Symposium and will mean that more financial assistance will be needed in the future.

New Business.

President Templeton reported that the Executive Committee recommended to the Academy that the Arkansas Academy of Science provide support for the Collegiate Academy of Science up to a total of $200 for the coming year. Dr. Fry moved that the recommendation be accepted and Dr. Beadles seconded the motion. After the discussion, the motion carried.

Dr. Wear moved that the Academy make available to the Editor of the Proceedings up to a total of $400 for one year for editorial assistance. Dr. Moore seconded the motion and the motion carried.

President Templeton discussed the role the Academy should play in matters of science and public policy. He announced that he had appointed a committee to draft a statement to clarify the mechanism by which the officers of the Academy may make statements on issues concerning the Academy. The committee consists of Dr. J.P. Jones, chairman, and Dr. Arthur Fry, Dr. James Scholtz, and Dr. Lowell Bailey, members. Dr. Jones presented the policy statement and Dr. P.M. Johnston moved that the statement be approved. The motion was seconded and the motion carried. The policy statement is as follows.

The President or Secretary may make position statements on pertinent issues concerning the Academy only in the name of the Executive Committee and only after consultation with the Executive Committee. Any such statements will be reported at the next Annual Meeting so that the Academy as a whole may take suitable action. As an alternative, or in addition, the President may appoint an Ad Hoc Committee to study such issues and make recommendations to the membership for their action at the next Annual Meeting.

There being no additional new business, the first business meeting was adjourned by Dr. Templeton at 11:45 a.m.

SECOND BUSINESS MEETING

Dr. Templeton called the second business meeting to order at 1 p.m., April 8. The first order of business was the motion to approve the minutes of the 55th Annual Meeting. The minutes were approved as circulated.

President Templeton then introduced Dr. Dwight Moore, the first President of the reorganized Arkansas Academy in 1932. Dr. Moore reviewed the history of the Academy and introduced the following former presidents of the Academy who were present at the 56th Annual Meeting.

Dr. T.L. Smith (1939) - College of the Ozarks
Dr. L.B. Roberts (1943, 1944) - Arkansas A. & M. (now living in Montgomery, Ala.)
Dr. Jack Sears (1957) - Harding College
Dr. Carl Hoffman (1959) - University of Arkansas
Dr. Neal Buffaloe (1960) - State College of Arkansas
Dr. Herman Bogan (1961) - Arkansas State University (now at Univ. of Tenn.)
Dr. Lowell F. Bailey (1965) - University of Arkansas
Dr. James Fribourgh (1966) - University of Arkansas at Little Rock
Dr. Arthur Fry (1969) - University of Arkansas
Prof. M.L. Lawson (1970) - Harding College
Prof. Robert Kirkwood (1971) - State College of Arkansas

Dr. Templeton recognized Dr. Moore, Dr. Smith, Dr. Roberts, and Dr. Bogan and presented each with a University of Arkansas Centennial Medallion as a memento of the meeting.
Dr. Templeton then called for the reports of committees.

Nominations.
Dr. Fulton reported that the committee was nominating Dr. Clark McCarty as President-Elect, Dr. William L. Evans as Treasurer, and Dr. J.L. Wickliff as Editor. It was moved that nominations be closed and Dr. McCarty, Dr. Evans, and Dr. Wickliff were elected by acclamation.

Audit.
Dr. Wittlake reported that the books and records of the Treasurer had been examined by the committee and had been found to be in good order. The report of the Audit Committee was approved.

Resolutions.
Professor Kirkwood presented the following resolutions which were approved by the membership.

Efforts of members of the Arkansas Congressional Delegation have resulted in the preservation of the Buffalo as a National River. Be it Resolved that the Arkansas Academy of Science commend these members of Congress for their efforts.

The Arkansas Academy of Science was represented at hearings on the Buffalo River by Dr. Frances James, and members of the Academy express to her their gratitude for her efforts.

The Arkansas Academy of Science expresses sincere gratitude to:

1. The University of Arkansas, for including us in its Centennial Celebration, Dr. David Mullins, President, and all members of the University faculty and staff who helped prepare for our meeting.

2. President George Templeton for his efforts to make this year and this 56th session a success.

3. Dr. Lester Howick for the time and energy he has devoted as Editor of the Proceedings of the Arkansas Academy.

4. Dr. John P. Jones for his extended term as Treasurer.

5. Dr. Eugene Wittlake, Director of the Junior Science and Humanities Symposium; Professor E.E. Hudson, Director of the Junior Academy of Science; Dr. Noel Robotham and Dr. Joe Nix, sponsors of the Collegiate Academy of Science; and Dr. Leo Paulissen, Director of the Arkansas Science Talent Search, for their efforts with these organizations.

A.A.A.S. Fellows Committee.
Dr. Buffaloe announced that because of possible rules changes the committee was selecting five nominees this year. They are R.C. Anderson, W.C. Guest, John Keesee, and Leo Paulissen.

Dr. Templeton then introduced Dr. Eugene Wittlake, President-Elect, who appointed the following committee on nominations with instructions to consider possible nominations for Academy offices well ahead of the Annual Meeting: Dr. P.M. Johnston, chairman, Dr. Jewell Moore, and Professor M.L. Lawson. Dr. Wittlake also announced that the 57th Annual Meeting will be held at Arkansas State University on April 6-7, 1973.

There being no further business, Dr. Wittlake adjourned the 56th meeting of the Academy at 1:50 p.m.

Respectfully submitted,

William C. Guest, Secretary
Former presidents of the Arkansas Academy of Science in attendance at the 56th Annual Meeting of the Academy as a part of the Centennial Celebration of the University of Arkansas. From the left: H.L. Bogan (1961); L.B. Roberts (1943, 1944); T.L. Smith (1939); D.M. Moore (1932, 1933, 1964). These four distinguished gentlemen were presented with Centennial Medallions in recognition of their service to science and higher education. Collectively, these emeritus professors represent 167 years of professional service.