

ARKANSAS ACADEMY OF SCIENCE

Volume XXXIV

1980

Proceedings

E. Leon Richards
President

Henry W. Robison
President-Elect

David M. Chittenden
Secretary

William L. Evans
Treasurer

Robert T. Kirkwood
Historian

Secretary's Report

MINUTES OF THE SIXTY-FOURTH ANNUAL MEETING—28-29 March 1980

FIRST BUSINESS MEETING

Dr. E. Leon Richards, President, opened the meeting by introducing Dr. Eugene Smith, Acting President of Arkansas State University, who welcomed the members.

President Richards called for a volunteer for Editor of the Newsletter and then recognized Dr. William Evans for the Treasurer's Report. Evans stated that financial statements were available. He then discussed the financial statement, and gave a report on income and disbursements. The financial statement and summary of income and disbursements are shown below.

Financial Statement

March 15, 1980

Checking Acct., Statement, Mar. 31, 1979	\$1,447.35
Outstanding Check (491)	100.94
Checking Acct., Cash Available Mar 31, 1979	\$1,346.41
Heritage S & L Certificate of Deposit	1,306.96
Heritage S & L Passbook Acct., 7679	2,124.14
Total Funds Available, Mar. 31, 1979	\$4,777.51

INCOME (Apr. 1, 1979 through Mar. 15, 1980)

1. Individual Memberships		\$1,374.00
a. Sustaining Dues	\$ 310.00	
b. Regular Dues	1,024.00	
c. Associate Dues	40.00	
2. Institutional Dues		700.00
3. Subscriptions to the PROCEEDINGS		913.67
4. Page Charges		834.03
5. BIOTA Donations		21.25
6. AAAS for Grants		99.00
7. Exhibitor's Fees, Hendrix College		200.00
8. Interest on Reserve Funds		109.75
a. Certificate (8.5%) Conv. 2/12/80	75.62	
b. Passbook (5.25%)	34.13	
Total Income		\$4,251.70

DISBURSEMENTS (Apr. 1, 1979 through Mar. 15, 1980)

1. Meeting Expenses, Hendrix (493)		\$ 200.00
2. Operating Expenses		96.00
a. Carson, Typing (497)	6.00	
b. UAF, Data Labels (498)	19.67	
c. UAF, Receipt Books (500)	5.43	
d. Nat. Assn. Acad. Sci. Dues (502)	25.20	
e. Postmaster, Stamps (505)	7.50	
f. UAF, Printing (506)	1.45	
g. Chem. Dept. ASU, Records Tr. (507)	23.25	
h. Postmaster, Box Rent (517)	7.50	
3. BIOTA, UAF for Printing (499)		42.10
4. Awards		\$ 431.84
a. Day-Timers, Certificates, (492)	\$ 71.84	
b. Thiele, Sci. Talent (494)	25.00	
c. Mix, Sci. Talent (495)	20.00	
d. Trotti, Sci. Talent (496)	15.00	
e. Ark. Sci. Fair Assn. (503)	100.00	
f. Ark. Jr. Acad. Sci. (510)	200.00	

5. Publishing & Distribution, PROCEEDINGS		3,559.21
a. Phillips Litho, Printing (501)	3,130.41	
b. Gilmore, Postage (504)	17.97	
c. R. Heidt, Ed. Asst. (508)	118.80	
d. R. Heidt, Ed. Asst. (513)	231.00	
e. Dept. Fin. & Adm., WH Tax (514)	3.20	
f. G. Heidt, Postage (515)	3.19	
g. Chittenden, Postage (516)	15.04	
h. R. Heidt, Ed. Asst. (519)	39.60	
6. Publication & Distribution, NEWSLETTER		81.92
a. Postmaster, Shipping (509)	9.77	
b. Robison, Postage (511)	18.75	
c. UAF, Printing (512)	53.40	
Total Disbursements		\$4,411.07

SUMMARY

Beginning Balance, Checking and Reserve	\$4,777.51
Total Income	+4,251.70
Total Expenditures	-4,411.07
Funds on Hand, March 15, 1980	\$4,618.14

ACCOUNTS

Checking Acct., McIlroy Bank, March 15, 1980	\$2,677.29
Heritage S & L Certificates (2 1/2 yr. 10.65%)	1,000.00
Heritage S & L Passbook (5.25%)	1,040.85
Funds on Hand, March 15, 1980	\$4,618.14
Outstanding Bills, March 15, 1980	
1. Phillips Litho, Inc., Printing PROCEEDINGS	\$3,399.87
2. G. Heidt, Travel	121.68
Total Obligations	\$3,521.55

Respectfully submitted,

William L. Evans
Treasurer

March 28, 1980
Meeting at Arkansas State
University

President Richards recognized Dr. Jewel Moore, chairman of the Nominating Committee, who gave the following report on candidates for the office of President-elect.

The Nominating Committee consists of Dr. Dan England and Dr. James Wickliff and we are pleased to present two names for your consideration.

They are: John K. Beadles - ASU
John Stuckey - Hendrix

Voting will take place at the Second Business Meeting.

Dr. Art Johnson, chairman of the Constitutional Revision Committee, presented the following proposed changes to the Constitution and Bylaws.

1. Article 3, Section 2 of the Constitution shall be changed to read:

There shall be two classes of membership in the Academy: Members (Regular and Sustaining) and Institutional Members.

2. Article 3, Section 3 of the Constitution shall be deleted.
3. Article 4 of the Constitution shall be changed to read:

The officers of the Academy shall be a President, a President-elect, a Vice-President, a Secretary, a Treasurer, a Historian, and an Editor who shall perform the duties usually pertaining to their respective offices. All officers of the Academy except the President and President-elect shall be chosen by ballot by the membership-at-large in the annual meeting and hold office for one year, except the Secretary, Treasurer, Historian and Editor who shall hold office for five years. The office of President shall be filled by the preceding year's President-elect. The office of President-elect shall be filled by the preceding year's Vice-President. These officers, the Advisor of the Collegiate Academy and other members designated by the President shall constitute the Executive Committee of the organization. The President of the Collegiate Academy or his/her representative shall be an ex-officio non-voting member of the Executive Committee.

4. Section 10 of the Bylaws shall be changed to read:

Dues for all members (Sustaining, Regular, Institutional) shall be set by the officers of the Academy and submitted to the membership for approval. Approval by the membership shall be by majority vote of those present. Any change of dues approved by the membership shall be effective January 1 of the year following that in which the change has been approved.

The recommended dates for activation of the above amendments are:

- | | |
|-------------------------|---|
| Amendments 1, 2, and 4: | 29 March, 1980 |
| Amendment 3: | the date of the initial meeting of the Nominating Committee for 1981. |

Voting on the amendments will take place at the Second Business Meeting.

Mr. Tom Palko reported on the Junior Science and Humanities Symposium as follows.

The 14th Arkansas Science and Humanities Symposium was held at Arkansas Tech University on 20-22 March 1980. Seventeen papers, out of seventy-two submitted, were read and five were chosen for presentation at the national meeting at the University of South Carolina-Columbia in May. In addition there were speeches and a tour of Arkansas Nuclear One.

Jewel Moore, chairman of the Committee on Certification Requirements presented the following resolution for consideration by the Academy.

Be it resolved that: For certification in a particular field, only those courses be counted which would apply toward a major in that field, for a total of twenty-four (24) hours in that field.

The adoption of this resolution will be moved at the Second Business Meeting.

SECOND BUSINESS MEETING

President Richards called the Second Business Meeting to order. The election of President-elect was conducted by ballot. John K. Beadles was elected.

President Richards recognized Dr. Gary Heidt, Editor, who gave the following report.

Because of the rapidly increasing costs in producing the PROCEEDINGS, the Editorial Board and Executive Committee of the Academy have decided to implement a \$15.00 charge per printed page, or part thereof. This charge will be implemented with the issue this year, Volume 34. The old policy of recovering full cost after two pages will, of course, be dropped. In addition, notes which fill only half of two pages or less will only be charged the equivalent of one page. While these changes are disagreeable at best, they were not imposed arbitrarily and do not seem out of line with other publications including Academies of Science. I would also like to thank the Associate Editors for another fine job.

Dr. Heidt then made the following motion.

I move that the Arkansas Academy of Science appropriate \$450.00 for editorial assistance to prepare Volume 34 of the Proceedings.

The motion was seconded and passed.

President Richards recognized Dr. David Chittenden, Secretary, who made the following motion.

I move that the minutes of the 63rd Annual Meeting published in the 33rd Proceedings of the Arkansas Academy of Science be approved as written.

The motion was seconded and passed.

Dr. William Evans, Treasurer, made the following motion.

I move the acceptance and approval of the Treasurer's financial statement and report for the period 1 April, 1979 through 15 March, 1980, as submitted to the membership and presented at the First Business Meeting.

The motion was seconded.

Dr. Henry Robison, chairman of the Audit Committee, made the following report.

James Wickliff, Rick McDaniel and myself audited the books. We found the financial records to be in order and Dr. Bill Evans should be commended for his diligent work and gracious assistance to this committee.

The motion by Dr. Evans was passed.

Professor Robert Kirkwood, Historian, reported that he will update the list of meetings and that the 1980 PROCEEDINGS will carry an up-to-date list of past officers.

President Richards recognized Dr. Art Johnson, sponsor of the Collegiate Academy, who reported that the following officers of the Collegiate Academy had been elected:

President: Jane Spradley - Hendrix
President-elect: James Briggs - College of the Ozarks
Secretary: David Ratcliff - Hendrix

Dr. Robison then made the following motion.

I move that the Senior Academy approve up to \$200.00 to cover expenses and operations of the Collegiate Academy for the coming year.

The motion was seconded and passed.

President Richards gave the following report on the Junior Academy.

Five Junior Academy members attended the AAAS meeting in San Francisco where four presented papers at the Junior Academy Section.

Three members of the Junior Academy have been selected to receive grants totalling \$100.00.

Dr. Evans moved that \$200.00 be appropriated to support the Junior Academy in the coming year. The motion was seconded and passed.

President Richards recognized Dr. Leo Paulissen on the Arkansas (Westinghouse) Science Talent Search.

Arkansas had two honorees at the national meeting. David Wickliff won a top award. Susan Newland was the other honoree.

It was announced that the 1982 meeting of the Academy will be held at Henderson State University. President Richards reminded the members that the 1981 meeting will be held at UALR. There is a possibility that the meeting will be held at the LR Convention Center.

The passage of the resolution proposed by the Committee on Certification Requirements was moved. The motion was seconded and passed.

Dr. Art Johnson explained the proposed amendments to the Constitution and Bylaws. The acceptance of these amendments was moved. The motion was seconded and passed.

Dr. Sealander, chairman of the Resolutions Committee, moved the adoption of the following resolution.

Be it resolved:

By the members of the Academy in session on 29 March at Arkansas State University in Jonesboro that the Academy wishes to express its sincere thanks and appreciation to Dr. Eugene Smith, Acting President of Arkansas State University, and to the faculty and staff of Arkansas State University for the use of their facilities and their warm hospitality.

Furthermore, the Academy extends its congratulations to the local Arrangements Committee, Dr. Van Rick McDaniel, chairman, and to the Chairpersons of the Academy sections: Alex Nisbet, Hal McCloud, Don Culwell, John K. Beadles, Neal Buffalo, Walter Manger, Robert Watson, Dennis Baeyens, Albert Ogden, Chris Spatz, and John E. Pauly.

The Academy also wishes to express its thanks to Edward L. Richards, President of the Academy, David Chittenden, Secretary, William L. Evans, Treasurer, Gary Heidt, Editor, Robert Kirkwood, Historian, and Henry Robison, Editor of the Newsletter, for the excellent manner in which they have discharged their duties during the past year.

The Academy also expresses its congratulations to the outstanding work of the organizations sponsored by the Academy and its appreciation to the sponsors and directors of these groups: Marie Arthur, Director of the Junior Academy of Science; Tom Palko, Director, Junior Science and Humanities Symposium; Edmund Wilson, Sponsor, Collegiate Academy of Science; Carl Rutledge, Director, State Science Fair; Leo Paulissen, Science Talent Search and to Wayne Everett, Coordinator and Liason Officer for all sponsored activities.

The Academy also expresses its thanks to the following exhibitors: Micro-Tech Instruments, Inc.; and Curtin-Matheson Scientific, Inc., and American Optical.

The motion was seconded and passed.

President Richards recognized Gwen Barber who announced the formation of the Arkansas Native Plant Society and urged Academy members to become charter members of the Society.

President Richards announced that Rodney Harris has been named Outstanding Biology Teacher in Arkansas for 1980.

Dr. Leo Paulissen requested that checklists be submitted to the Arkansas Biota Survey when they reach 90% of completion. Copies of additions to the Survey are available.

Dr. Evans moved that the Executive Committee recommendation that dues be raised to \$10.00 (Regular) and \$12.00 (Sustaining), effective January 1, 1981, be approved by the membership. The motion was seconded and passed.

It was moved that the Academy appropriate \$100.00 to the Arkansas Science Fair for the coming year. The motion was seconded and passed.

The formation of a Universities of Arkansas Press was discussed.

President Richards made his farewell remarks. Before taking office, Dr. Robison moved that \$100.00 be appropriated for the Newsletter for the coming year. The motion was seconded and passed. It was announced that Dr. Rick McDaniel will become the Editor of the Newsletter.

Dr. Richards turned the gavel over to Dr. Robison. President Robison appointed the following to the Nominating Committee: Neal Buffalo, chairman, Rick McDaniel, and John Bridgman.

President Robison adjourned the Second Business Meeting.

Respectfully submitted,

David M. Chittenden
Secretary