if they do not want the JOURNAL. Honorary members are exempted from the payment of dues.
Action: returned to the proposers for the inclusion of the category of Industrial Members into the proposed reading.

Article X - Section 4. Present Reading:
Any member who makes a single payment of $35.00 becomes a Life Member. This membership entitles the member to the privileges of the Academy without further payment of dues.
Proposed Reading:
Any member who makes a single payment of $100.00 becomes a Life Member. This membership entitles the member to the privileges of the Academy without further payment of dues.
Action: passed.

Article X - Section 7. Present Reading:
A program committee, of which the officer of highest rank residing near the place of meeting shall be the chairman, shall be appointed by this chairman at least six months in advance of the date of the meeting.
Proposed Reading:
The President-Elect shall serve as chairman of the program committee. A Local Arrangements Chairman shall be selected from among Academy members of the host institution or immediate vicinity.
Action: in second line of proposed reading, change "Local Arrangements Chairman shall be selected from among Academy members of the host institution or immediate vicinity." to "The President-Elect shall serve as chairman of the program committee. A Local Arrangements Chairman shall be selected from among Academy members of the host institution or immediate vicinity.
"- passed.

The subject of the Journal Cumulative Author Index was deferred to the January, 1975, Executive Committee meeting.
4. At the request of the American Association of Physics Teachers, Dr. Dalziel reviewed the possibility of changing the date of the annual meeting so that more physicists could attend the Academy's annual meeting. Several years ago, Dr. Robert Sears of Austin Peay State University and, at that time, a member of the Academy, presented the suggestion that the date be changed. Dr. Dalziel's investigation confirmed Dr. Sears' findings. Therefore, a motion was passed to confirm the date of the annual meeting.

New Business:
1. The Treasurer reported that the Auditing Committee raised the question of whether the major appropriations to the several divisions of the Academy should be transferred to the bank of the division immediately. The motion was passed to defer action on this subject to the January, 1975, Executive Committee meeting.
2. A motion was passed to appoint Drs. Bailey and Rardin editors of the A.A.S.
The meeting was adjourned at 11:30 p.m. C.S.T.

THE EIGHTY-FOURTH MEETING OF THE TENNESSEE ACADEMY OF SCIENCE
NOVEMBER 22-23, 1974
UNIVERSITY OF TENNESSEE
CENTER FOR THE HEALTH SCIENCES

The eighty-fourth meeting of the Tennessee Academy of Science, Inc., was held November 22-23, 1974, at The University of Tennessee Center for the Health Sciences, Memphis, Tennessee. The meeting was sponsored by the Department of Chemistry at Carson-Newman College, Jefferson City, Tn.

Meeting registration totaled 257. Of these, 141 were university- or college-identified professionals, 44 were high school teachers, 1 from the State Department of Education, 3 from State Divisions, 2 from ORNL, 1 from the Museum of Atomic Energy, 1 from the Institute of Environmental Studies, and 104 students attended.

The General Session was held in the Schreter Auditorium of the Student Center, 10:00 to 10:30 A.M. C.S.T. President Robert L. Amy chaired the session, and the morning's first speaker, given the title "The President's Invitation to the Assistant to the Chancellor." The theme of the session was current topics in education. 4 papers were held on Monday; 9 papers were held on Friday morning; 22 papers were presented according to the program. The Banquet was held in the Schreter Auditorium of the Student Center at 5:00 p.m. C.S.T.

The Annual Dinner was held in Room 305 of the Student Center. It was served buffet style beginning at 7:00 p.m. C.S.T. Following the dinner, Mr. W. A. W. Brown spoke on "The Oak Ridge Region for the Exxon Company," and Mr. J. H. N. Popp on "The Captain of the Tennessee River for the Exxon Company." in Room 305 of the Student Center, and the Physics-Astronomy Section of the TAS was held at the University of Tennessee Center for the Health Sciences, 10:00 to 10:30 A.M. C.S.T. President W. Burke, Jr., King College, Bristol, presented, and eight papers were held on Friday morning; 12 papers were held on Thursday morning; 12 papers were held on Monday morning; 4 papers were held on Wednesday morning; 10 papers were presented by students.

ANNUAL BUSINESS MEETING, 1974
The Annual Business Meeting of the Tennessee Academy of Science, Inc., was held on May 22, 1974, in the Schreter Auditorium of the Student Center, 10:00 to 10:30 A.M. C.S.T. The meeting was called to order by President Robert L. Amy at 10:00 A.M. C.S.T. The programmer for the day was as follows:

The Chairman of the Auditing Committee, Dr. Myron S. Meier, introduced the members of the Audit Committee: Dr. K. H. Fish, Mr. J. L. Lake, Mr. R. L. Amy, Dr. W. H. Johnson, and Mr. J. H. N. Popp.

The report of the Treasurer, Dr. Robert L. Amy, was read and approved. The report of the Secretary, Dr. R. W. Stanfield, was read and approved.

The report of the Finance Committee, Dr. R. W. Stanfield, was read and approved.

The report of the Committee on Grants, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Awards, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Visiting Scientists, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Nominations, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Science Education, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Policy, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on the Academy, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Planning, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Research, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Membership, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Budget, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Conference, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Public Relations, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Publicity, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Legislation, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Membership, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Awards, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Grants, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Science Education, Mr. J. H. N. Popp, was read and approved.

The report of the Committee on Policy, Mr. J. H. N. Popp, was read and approved.
these programs from monies made available by the General
Assembly of Tennessee and authorized by the Tennessee De-
partment of Finance and Administration.

BE IT RESOLVED, therefore, that the Tennessee Academy of
Science, Inc., express its sincere appreciation to the State De-
partment of Education and to the State Department of Finance
and Administration for providing these funds.

BE IT FURTHER RESOLVED that these resolutions be in-
cluded in the minutes of the Tennessee Academy of Science,
Inc., and published as a part of the Proceedings of this meeting
and that copies be sent to Chancellor Edmund D. Pellegrino of
The University of Tennessee Center for the Health Sciences at
Memphis; Dr. Robert L. Tanner, Chairman of the Committee
for Local Arrangements; the Tennessee Commissioner of Educa-
tion, the Honorable Benjamin Carmichael; and the Tennessee
Commissioner of Finance and Administration, the Honorable
Gerald Adams.

All resolutions were approved.

The Chairman of the Nominating Committee, Dr. James L.
Wilson, presented the following report:

The Nominating Committee would like to make a motion
that the following persons be nominated as officers of the
Tennessee Academy of Science for 1975:

President: Dr. Albert Myers
President-Elect: Dr. John M. Mallette
Secretary: Dr. James Caponetti
Treasurer: Dr. Robert Wilson.

President Amy asked for further nominations from the floor;
there were none. Committee Chairman Wilson moved to bring
further nominations to a close, and that the Secretary cast one
vote which would represent the unanimous election of each
candidate to his respective office. The motion passed.

Other Business

1. Dr. Albert L. Myers presented the list of proposed amend-
ments to the constitution and by-laws which he and the Secretary
had presented to the Executive Committee the previous evening,
and contained in the minutes of the Executive Committee Meet-
ing. The Academy members present at the business meeting
concurred with all the actions of the Executive Committee.

2. President Amy notified the membership present of the
sites of the next three annual meetings (see the Minutes of the
Executive Committee Meeting), and he thanked everyone for
their help during his tenure as President of the Academy.

The meeting was adjourned at 6:30 p.m. C.S.T.

TENNESSEE ACADEMY OF SCIENCE
OPERATIONS ACCOUNT

Treasurer's Report

JULY 1, 1973 THROUGH JUNE 30, 1974

ROBERT L. WILSON, Treasurer

UNIVERSITY OF TENNESSEE AT CHATTANOOGA

Cash in Bank, July 1, 1973 .......... $ 7,696.77
Less: Outstanding check, July 1, 1973 15.00
Cash Balance, per books, July 1, 1973 .. $ 7,681.77

Cash Receipts:

Membership Dues .................. $ 4,037.00
Journal Subscriptions ............ 1,415.00
Journal Sales ........................ 115.00
AAAS Grant ......................... 158.00
Registration Fee (Vanderbilt) ...... 167.40
Reelfoot Lake ....................... 1,500.00
TAS Geology Field Trip ............ 1,657.00
Tennessee Department of Education 15,000.00
Contribution ........................ 2,000.00

Total Cash Available .............. $24,051.40

Cash Disbursements: $31,733.17

Editor's Office ...................... $ 2,411.00
Treasurer's Office .................. 2,020.00
Secretary's Office ................. 125.35

Journal (Printing and Mailing) .... 6,397.11
AAAS Conference ................... 1,030.80
AAAS 1974 Assessment .......... 43.15
Annual Meeting Expenses ...... 1,021.64
Tech Aqua Scholarships ....... 1,293.00
Auditor's Fee & Treas. Bond .. 104.50
Field Trip (TAS) .................. 1,657.00
International Publication Fee .. 38.00

Programs of the Academy:

Visiting Scientist ................. 2100.00
Junior Academy ................... 7,300.00
Collegiate Div. .................... 0.00
Reelfoot Lake ...................... 7,300.00
Cash Balance, per books, June 30, 1974 $ 7,291.62
Add: Outstanding checks ....... 674
Cash in Pioneer Bank, June 30, 1974 $ 7,291.62

Savings Account in Chattanooga ... $ 5,772.92

REPORT OF THE AUDITOR

To the Tennessee Academy of Science:

I have examined the Treasurer's Report of cash receipts and
disbursements, Operations Account, for the period, July 1, 1973
to June 30, 1974.

In my opinion, on the basis of information made available to
me, the statement fairly present the transactions of these
accounts.

Sincerely,

Rayford J. McLaurin
Auditor

Chattanooga, Tennessee

TAS NEW MEMBER LIST—1974

Don Agerson
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Oak Ridge, TN 37830

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St. Mary's Episcopal School
60 Perkins Extended
Memphis, TN 38117

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Cookeville, TN. 38501

Ralph B. Carrithers
The Webb School
Bell Buckle, TN 37020

Bruce H. Bauer
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Memphis, TN. 38128

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Dept. of Biology MSU
Memphis, TN. 38152

Helen J. Chong
Randolph Dorm UTM
Memphis, TN. 38128

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Dept. Geology-Geography UTC
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