The Executive Committee Meeting of the Tennessee Academy of Science was called to order by the President at 7:00 p.m. C.S.T. in the auditorium of the Engineering Building of the University of Tennessee, Nashville, on April 15, 1977. Members present were Raymond E. Tanner, President; Robert E. Martin, President-Elect; James D. Caponetti, Secretary; Robert L. Wilson, Treasurer; Gun Tolinmon, Journal Editor; Richard J. Raffald, Director of the Collegiate Division; William N. Pafford, Director of the Junior Academy; Paul Wishart, Director of the Visiting Scientists Program; Winfred L. Smith, Tennessee Biological Stations Liaison Officer; Jerry Rice, Science Advisory Committee, University of Tennessee at Nashville; Education; K. R. Bull, Clay M. Chandler, and R. B. Jennings, Members-at-Large.

The Secretary, James D. Caponetti, had mailed printed copies of the Minutes of the November, 1976, Executive Committee Meeting and the Annual Business Meeting to each member of the Executive committee. They were accepted by a passed motion.

The Editor, Gun Tolinmon, presented the following report:

"A complete report on 1976-77 activities, including a list of manuscripts received, published and rejected for the previous year, was given at the November meeting and published in JTAS in April, 1977. These data will not be repeated for the current year. Instead, this report represents an updating of the November data plus plans for operation during the 1977 year."

The January 1977 issue, which included the report of the Middle Tennessee Science Fair, was not published; several abstracts, and TBS news articles, and announcements has been published, and mailed to all subscribers. The Junior Academy of Science, Tennessee Recognition Program for 1977, the question of life on Mars and the 145th meeting of AAAS for 1977 in Denver were highlighted in the news and events section of the January issue. Continuing the economy measure of the last few years, a separate printing for the Director of the Reefsite Biological Station has not been included in this report. This will be included in the next issue to be published in the fall, which typically is in the November issue. The report goes on to say that the Tennessee Biological Stations Liaison Officer, Winfred L. Smith, presented the following report:

"The lease between the Tennessee Biological Resources Agency and the Tennessee Academy of Science for the Reefsite Lake Biological Station expired on March 31, 1977. The lease was renewed and will be in effect until December 31, 1976. The lease is held by the Tennessee Natural Conservation Commission and is held in trust for the University of Tennessee at Nashville. The lease was extended for an additional year, until December, 15, 1977. The lease includes the use of the station as an educational facility."
The committee report was accepted by a passed motion. Moreover, the Secretary introduced a motion to fix the sum of $1,000 as the maximum amount that any individual or club could contribute to the Junior Academy. This motion was passed without a vote. The motion to fix the sum of $1,000 as the maximum amount that any individual or club could contribute to the Junior Academy was passed without a vote.

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passed to recommend that AAAS postpone the implementation
Vancouver, commence at the AAAS Council on February
Charles 23 and Dr. Carey 22 later in May so that TASS
we may even be actively participating in the affairs of the
the interaction of all areas can be put to
good use.

In addition to presenting at one of the AAAS sessions, I also
gave a talk at the annual banquet the preceding evening as
the banquet has become a joint AAAS and AAAS
affair in recent years.

The next AAAS meeting will be on February 14, 1978, in Wash-
ington, D.C. This is my last for the 1977-78 term. On February
3, we are entitled to send two delegates to the AAAS to present
their reports.

The delegates' report was accepted by a passed motion.

Some progress has been made toward the following constitutional
amendments are now needed:

2. Removal of all reference to the Reefton Lake Biological
Station.

I urge the members of all groups to attend the ad hoc committee of
the Secretary to prepare a list of necessary proposed amendments
and present them to the Executive Committee at the November,
1977 Executive Committee Meeting, and to the membership
during the annual Business Meeting. The proposed amendments
will be sent to the membership prior to the November, 1977
Annual Meeting.

The Secretary was authorized to be in charge of containing and
arranging for exhibits at the next annual meeting at Tennessee.

OLD BUSINESS—None
NEW BUSINESS—None

The meeting was adjourned at 10:30 p.m. C.S.T.

EXECUTIVE COMMITTEE MEETING
NOVEMBER, 1977

The Executive Committee Meeting of the Tennessee Academy of Science, Inc., was called to order by the President at 7:00 P.M.
C.S.T. in the Alumni Lounge of the University Center, Ten-
ssee Technological University, Cookeville, Tennessee, on No-
ember 17, 1977. Members present were Raymond L. Tanner,
David Morris, President-Elect; John M. Mallincrodt, Past
President; James D. Caponetti, Secretary; Robert L. Wilson,
Treasurer, David L. Woodburn, Executive Editor; Richard J. Rodin,
Director of the Collegian Division; William N. Pafford, Director
of the Junior Academy Division; and Paul L. Moore, Chairman of
the Visiting Scientists Program; Winfred L. Smith, Chairman of the Sci-
entific Field Stations Liaison Committee; Clay M. Chandler, and
B. R. Jennings, Members-At-Large.

The Secretary, James D. Caponetti, had mailed printed copies of the Minutes of the Meeting of the Executive Committee held on November 15, 1977. The minutes were approved without change.

The President asked the Secretary to present proposed amend-
ments to the Constitution. The President and the Secretary were
in agreement that the matter be deferred and in the meantime
revised to the extent necessary to agree with the views of the
members on the merits of the proposed amendments. The
amendments were submitted in a statement to the Secretary,
the President and the Secretary agreed to present the amended
version of the amendment to the Executive Committee at the
meeting.

The amended versions of the amendments were presented
and read by the Secretary. An amendment was proposed by
the President to revise the wording of the amendment so as
not to conflict with the approval of the Executive Committee.

ARTICLE II, SECTION 3
Present Reading
Section 3.—Fellows who are professionally engaged in
scientific work and who have advanced science by research,
by teaching, or by invention, may be elected members of the
Academy by being elected fellows at any regular meeting by
three-fifths of the members present, after having been
recommended by the Executive Committee.

Proposed Reading:
Fellows who are professionally engaged in scientific work and
who have advanced science by research, by teaching, or by
invention, may be elected members of the Academy by
being elected fellows at any regular meeting by
three-fifths of the members present, after having been
recommended by the Executive Committee.

ARTICLE X, SECTION 9
Present Reading:
Second reading of officers, except the Editor and
the Director of the Reefton Lake Biological Station, shall
be by ballot, but with unanimous consent of the members
present, the President and the Secretary of the Academy
shall be elected by ballot to serve the Academy during the
coming year.

Proposed Reading:
Second reading of officers, except the Editor and
the Director of the Reefton Lake Biological Station, shall
be by ballot, but with unanimous consent of the members
present, the President and the Secretary of the Academy
shall be elected by ballot to serve the Academy during the
coming year.

The Editors, by action of the Executive Committee, approved
the following report:

Final Reading:
In the course of the meeting, the following officers of
the Academy were elected:

President—Dr. Franklin L. Smith
Executive Editor—Dr. Robert L. Wilson
Chairman, Visiting Scientists Program—Winfred L. Smith
Chairman, Scientific Field Stations—Clay M. Chandler
Chairman, Members-At-Large—B. R. Jennings

The new officers were called to the center of the room to be
sworn in, and the President thanked them for their service.

The Secretary, Dr. Charles H..blur, was elected to serve as
the Secretary for the coming year, and was thanked by
the President for his service during the past year.

The Secretary continued to present proposed amendments
to the Constitution. The President and the Secretary
were in agreement that the matter be deferred
and in the meantime revised to the extent necessary to
agree with the views of the members on the merits
of the proposed amendments. The amendments
were submitted in a statement to the Secretary,
the President and the Secretary agreed to
present the amended version of the amendments
to the Executive Committee at the meeting.

The amended versions of the amendments were presented
and read by the Secretary. An amendment was proposed by
the President to revise the wording of the amendment so as
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of the amendment so as not to conflict with the approval of the
Executive Committee.
The Western Regional Meeting, under the direction of Dr. George W. Edwards, was held at Lambuth College on March 26. One hundred students in attendance. Report and table showing the following:

The Committee report was approved by a passed motion.

4. The motion to accept the Committee's report was passed.

5. The report was passed for the President (or designates) of the Academy and the Executive Committee to review, and fix a time and date and plan a joint meeting and choose a suitable site.

The report of the Scientific Field Station Liaison Committee, Winfred L. Smith, submitted the following report:

Report of expiration of funds granted for the summer season, 1977, have been received from Ms. Karen Martin, Director of Academic Affairs, Lambuth College, and Dr. Neil A. Miller, Edward J. Montgomery, John, Johnson, founder of the State University, Turner, Dr. Miller, Dr. Robert L. Clapsaddle, and Dr. Clifford C. amended (UTK) have expressed their appreciation for the time.

A report concerning the activities of biological stations within Tennessee is being prepared and will be submitted for publication in the April issue of JTA.

Two proposals for support of the summer of 1978 have been received. Copies follow:

1. Application for Scholarship Support: Please consider Tech Aqua students for support while pursuing work at a Tennessee biological station. The TASS supported three students each of two years and one year student last year in this manner. They costs a student a full summer at Tech Aqua. We have a scholarship committee to evaluate all potential candidates for this support on the basis of past academic performance. Our scholarships have in the past been awarded for merit NGT on the basis of need. If the TASS should support students Tech Aqua in the future, the applications would be reviewed and the awards again based on performance.

The Tech Aqua Biological Station is located on Highway 56 about sixteen miles north of Nashville, Tennessee. The programs are operated by the Tech Aqua Consortium which is currently made up of Tennessee Tech, Middle Tennessee State University, Tennessee University, State University, Tennessee, the South, Tech Aqua is a part of the State University of Knoxville at Norris, and Vanderbilt University and Western Kentucky. It is operated by an advisory board, which is selected by the students at the Tennessee University.

7. Research Committee-The chairman, Charles A. Brown, sent the following report:

The Research Committee received a total of ten research proposals during the summer season. The following individuals were awarded grants as indicated:

Rodey L. Crabtree $60.00
J. D. Elliott $45.00
C. S. Grimes $50.00
Robert S. Bruner $30.00
H. P. Nagy $15.00
H. W. Rutherford $25.00
Christopher P. Williams $250.00

Additional information is included on the enclosed summary. Aid recommended for funding. The unsuccessful applications were reviewed, and incompletes or simply a re-submission of a well-known report.

We are sure that we will be able to attend the annual meeting of the Tennessee Academy of Science this year.

The past year an effort was made to encourage more people in actively recruiting new members for the Academy. Letters were written to universities and efforts were sent to alumni at last year’s meeting expressing appreciation for their contributions to the Academy, enclosing membership application forms and advising them to seek help in establishing membership. A letter and a supply of application forms was also sent to each member of the membership committee of each member of the Academy's committees. An effort seems to have been moderately successful in that we welcome over 50 new members this year.

The chairmen wishes to thank each member of the membership committee and each section chairman for his contributions in a successful year.
THE EIGHTY-SEVENTH MEETING OF THE TENNESSEE ACADEMY OF SCIENCE
NOVEMBER 18-19, 1977
TENNESSEE TECHNOLOGICAL UNIVERSITY, COKEVILLE

The eighty-seventh meeting of the Tennessee Academy of Science, Inc., was held November 18-19, 1977, at Tennessee Technological University, Cookeville, Tennessee. Dr. S. K. Ball, Professor of Biology and Chairman of the Local Arrangements Committee, and Dr. Robert E. Martin, Professor of Biology at Tech, was Chairman of the Local Arrangements Committee, and Dr. Robert E. Martin, Professor of Biology at Tech, was Chairman of the Local Arrangements Committee, and Dr. Robert E. Martin, Professor of Biology at Tech, was Chairman of the Local Arrangement Committee. The meeting was held in the OVC Room of the University Center, Cookeville, Tennessee. The theme of the session was "Energy and Environment".

One of the members of the Fellows Committee, Dr. James Cogan, presented the three nominees approved by the Executive Committee. A motion was passed that the nominees be elected Fellows of the Academy.

The President presented the report of the Nominating Committee and asked for further nomination from the floor. There were no further nominations. The Secretary was instructed to cast one vote which would represent the unanimous action of James D. Caproni as President-Elect, Diane Nelson as Secretary, and Robert E. Martin as Treasurer.

The Chairman of the Resolutions Committee, Dr. Benjamin P. Stone, presented the following resolutions:

WHEREAS, the Tennessee Academy of Science, Inc., including the Collegiate Division, is enjoying a most pleasant, profitable, and well-organized series of meetings at the Tennessee Technological University, and

WHEREAS, the success of these meetings has resulted from the efforts of the officers and members of the organization under the guidance of the chairman of the respective sections, the members of the Committee on Local Arrangements (K. Ball and Robert E. Martin), from recognition given by the meetings by various news media, and from the generous hospitality of the host institution, which provided six hundred dollars to supplement Academy funds designated for guest speakers in the General Session and the Annual Banquet of the Tennessee Academy of Science.

BE IT RESOLVED, therefore, that the Tennessee Academy of Science express its sincere appreciation to all and others who have contributed to the success of these meetings.

WHEREAS, the Tennessee Department of Education, continuing to recognize the worth of the educational programs of the Tennessee Academy of Science, has provided funds for these programs from monies made available by the General Assembly of Tennessee and authorized by the State Department of Finance and Administration.

BE IT RESOLVED, therefore, the Tennessee Academy of Science hereby continue to recognize the worth of the educational programs of the Tennessee Academy of Science, has provided funds for these programs from monies made available by the General Assembly of Tennessee and authorized by the State Department of Finance and Administration.

BE IT FURTHER RESOLVED that these resolutions be included in the minutes of the Tennessee Academy of Science and published as part of the proceedings of this meeting and that copies be sent to Dr. Arlis L. Redlin, President, Tennessee Technological University, and Dr. S. K. Ball, Director of the Collegiate Division, Cookeville, Tennessee.

All resolutions were approved by a motion passed.

The Constitution as approved by the Executive Committee was approved by a motion passed.

The meeting was adjourned at 5:40 P.M. C.S.T.