

**REPORT OF THE TREASURER OF THE
TENNESSEE ACADEMY OF SCIENCE
FOR THE CALENDAR YEAR, 1954**

JAMES W. WHITE

The University of Tennessee, Knoxville

Cash Balances, December 31, 1953

Current fund, W. Knoxville Br. Hamilton Natl. Bank	\$1244.07
Current fund, Home Federal Savings and Loan	1010.41
Life membership fund, Nashville Trust Co.	537.92
Endowment fund, Third Natl. Bank, Nashville	353.18
	\$3145.58

Academy Income

One-half of membership dues	1108.00
Interest on current funds	27.97
AAAS Research Grants	150.00
Special research fund donations	36.00
Shaver fund	345.00
Surplus from Academy dinner	6.00
	1672.97

Journal Income

One-half of membership dues	1108.00
Subscriptions	273.94
Reprints sold	731.55
Journals sold	14.85
Advertising	534.25
Gift to Journal	100.00
Art work for Journal	5.00
	2767.59

Life membership and Endowment Fund Income

New Life Member	50.00
Interest on Endowment Fund	7.09
Interest on Life Membership Fund	11.13
	68.22

Total income	\$4508.78
Total income plus December 31, 1953, balance	7654.36

Academy Expenses

Postage	147.40
Printing and Supplies	154.74
Office help	118.88
Travel	161.40
AAAS Research Grants	150.00
Junior Academy expense	14.18
Shaver fund	193.90
	940.50

Journal Expenses

Printing of Journal	1955.95
Engraving for Journal	245.51
Mailing, wrapping and postage	141.29
Cost of Reprints	608.82
Addressographing	24.37
Other printing	42.84
	3018.78
Total expenses	3959.28

Cash Balances, December 31, 1954

Current fund, W. Knoxville Br. Hamilton Natl. Bank	1697.38
Current fund, Home Federal Savings and Loan	1038.38
Life Membership fund, Nashville Trust Company	599.05
Endowment fund, Third National Bank, Nashville	360.27
	3695.08
Total balance	3695.08
Balance plus expenses	\$7654.36

The Auditing Committee of the Tennessee Academy of Science has examined the books of James W. White, Treasurer, and it has found them to be correct and in order for the year 1954.

Mary W. Peters, Robert A. Laurence, *Auditing Committee*

NEWS OF TENNESSEE SCIENCE

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Chattanooga:

The Chattanooga Engineers Club recently adopted resolutions calling for (a) the sponsorship of a city-wide Junior Engineers Club for high school students, and (b) the contribution of a sum of \$25 to \$50 to the Tennessee Academy of Science and the Collegiate Division.

Dr. Robert Sparks Walker, a Life Member of the Tennessee Academy of Science and author of the "Answers on Nature" column in the Chattanooga Times, has been presented the Kiwanis Distinguished Service Award and made a Life Member of the Kiwanis Club.

Vanderbilt University:

Dr. C. S. Shoup, in an address which was a part of the Oak Ridge Regional Symposium, November 12-13, 1954, emphasized the contribution that a nuclear reactor in a university can make to the biomedical research program. Among many discoveries cited were these: The LD₅₀ in r.e.p. for fast neutrons in a strain of Carworth Farms mice does not significantly change whether the dose is given quickly (90 min.) or over a 24 hour period. Neutrons are much more effective than gamma rays in causation of cataracts in mice.

University of Tennessee Department of Zoology:

Dr. J. Ives Townsend has recently returned from South America where he spent one year at the Institute of Natural Sciences at Porto Alegre, Brazil, under the auspices of the Brazilian government agency, CAPES, and the Rockefeller Foundation. He was engaged in research on the genetics of tropical *Drosophila*, and he gave two lecture courses at the University Rio Grande do Sul. He also traveled extensively in Argentina, southern Brazil and Trinidad collecting marginal populations of *Drosophila* and visiting various laboratories.

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