

triple salt of sodium carbonate, magnesium carbonate and sodium chloride, and the third known occurrence of pirssonite, which is a double salt of sodium carbonate, calcium carbonate and water.

The samples were supplied by the company to H. I. Smith; the trona was identified by R. C. Wells, and the shortite, northupite and pirssonite by J. J. Fahey, all of whom are members of the U. S. Geological Survey.

W. C. MENDENHALL,
Director

THE FINANCES OF THE AMERICAN CHEMICAL SOCIETY

At the recent meeting of the Board of Directors of the American Chemical Society, according to *Industrial and Engineering Chemistry*, the secretary of the society, Dr. Charles L. Parsons, gave a detailed report covering membership, subscriptions and the income of the society up to November 30, 1939, showing a definite increase in subscriptions to all journals, an increase in membership from 22,187 to 23,505; the election of 2,537 new members in 1939; an increase in student members and corporation members and in student affiliates. He also reported increased subscriptions to the industrial and analytical editions of *Industrial and Engineering Chemistry* and an especially large increase in the *News Edition* from 25,770 to 27,837.

The estimated income and expenditures of the society for 1940 are given as follows:

ESTIMATED INCOME, 1940

Dues	\$200,000
Subscriptions	190,000
Back Numbers	6,000
Postage	17,500
Interest	21,000
Interest from Endowment Fund	3,000
Directory	3,000
Royalties	3,000
Advertising	182,000
Total	\$625,500
From Reserve	45,057
	\$670,557

ESTIMATED EXPENDITURES, 1940

<i>Journal of American Chemical Society</i>	\$ 68,300
<i>Chemical Abstracts</i>	195,900
<i>Industrial and Engineering Chemistry</i> including Analytical Edition	162,336
<i>News Edition</i>	52,850
<i>News Service</i>	9,266
Secretary and Business Manager's Office:	
Secretarial	19,472
Business Management	29,208
Treasurer's Office	9,500
President's Office	1,500

Printing Advertising	57,650
Advertising Development	13,050
Technologic Monographs	1,025
Scientific Monographs	1,000
Back Numbers	4,000
Local Sections	24,000
Incidentals	15,000
General Meetings	2,000
Directory	4,500
Total	\$670,557

THE PERMANENT SCIENCE FUND OF THE AMERICAN ACADEMY OF ARTS AND SCIENCES

INCOME from the Permanent Science Fund, according to agreement and declaration of trust, shall be applied by the American Academy of Arts and Sciences to such scientific research as shall be selected ". . . in such sciences as mathematics, physics, chemistry, astronomy, geology and geography, zoology, botany, anthropology, psychology, sociology and economics, history and philology, engineering, medicine and surgery, agriculture, manufacturing and commerce, education and any other science of any nature or description, whether or not now known or now recognized as scientific, and may be applied to or through public or private associations, societies, or institutions, whether incorporated or not, or through one or more individuals."

Applications for grants under this indenture are considered by a committee of this academy on stated dates only. The next meeting to consider applications will be held on March 1. Applications should be made on special forms furnished by the committee. Correspondence, including requests for application blanks, should be addressed to the chairman of the Committee on the Permanent Science Fund, Professor John W. M. Bunker, Massachusetts Institute of Technology, Cambridge, Mass.

Grants-in-aid from this fund were voted by the academy on October 11, 1939, as follows:

Professor Orlin Biddulph, Department of Botany, State College of Washington, for further studies with radioactive phosphorus in plants, \$200.

Professor Hyman Y. Chase, Department of Zoology, Howard University, for further studies on the effect of ultra-violet upon cell division in marine eggs, \$300.

William G. Clark, instructor, Department of Zoology, University of Minnesota, for assistance, animals and expendable materials in his investigation of the relations between adrenal cortex and membrane functions, \$400.

Dr. Rudolf Hoeber, visiting professor of physiology, University of Pennsylvania Medical School, for compensation of an assistant in a study of the relation between molecular configuration of dye-stuffs and their secretion by the kidney, \$600.

Lewis H. Kleinholz, instructor in biology, Cambridge