

1904 to 1918, and as research associate from 1918 to the time of his death.

In his passing away science has lost an enthusiastic and prolific contributor, New York, one of her most prominent and distinguished citizens, and a considerable part of America's men of science, a generous and devoted friend.

HERBERT P. WHITLOCK

AMERICAN MUSEUM OF NATURAL HISTORY

RECENT DEATHS

DR. MICHAEL OSNATO, director of the department of neurology of the New York Post-Graduate Medical School, died on June 15.

DR. HERMANN VON W. SCHULTE, dean of the Creighton University Medical College since 1917, died on July 15, at the age of fifty-six years.

THE death on July 10, at the age of seventy years, is announced of Sir Richard Threlfall, consulting engineer, formerly professor of physics at the University of Sydney, Australia.

A CORRESPONDENT writes: "Miss Adelaide Ames, research assistant in the Harvard Observatory, was drowned in a canoe accident in Squam Lake, New Hampshire, June 26. Her scientific work, thus suddenly ended at the age of thirty-one, had already gained for her a wide recognition. She was a member of the Commission on Clusters and Nebulae of the International Astronomical Union and was Secretary of the Local Committee for the entertainment of the Union in Cambridge in September. For several years Miss Ames had carried on investigations in the field of extra-galactic nebulae; her principal publications deal with the Coma-Virgo cloud of galaxies. Her most important work has been in connection with a photometric survey of all extra-galactic objects to the thirteenth magnitude—a census of the inner parts of the Metagalaxy to a distance of five to ten million light years. This survey was completed in June and will be published during the next month in collaboration with Dr. Shapley."

SCIENTIFIC EVENTS

THE TEACHING LOAD IN THE LABORATORY SCIENCES

A COMMITTEE of the Virginia Academy of Science, with Professor Wm. A. Kepner as chairman, has under consideration Standard 7 of the Association of Colleges and Secondary Schools of the Southern States. This standard reads "Teaching schedules exceeding sixteen hours per week per instructor shall be interpreted as endangering educational efficiency. In general, two laboratory hours will be counted as equivalent to one recitation hour."

This committee regards with grave concern violations of the first provision of this standard and commends attention of the association to the desirability of giving consideration to cases of excessive teaching loads.

The committee is equally concerned with excessive loads apparently permitted under the second provision of Standard 7. As early as 1927, the Virginia Academy of Science adopted a resolution directing the attention of the Association of Colleges and Secondary Schools of the Southern States and of the administrators to the inequity that this standard's application had caused.

Further notice of this situation was taken by the academy at its recent meeting. It adopted the following recommendation of its committee.

The committee recommends that the Virginia Academy of Science direct the attention of the Association of Colleges and Secondary Schools of the Southern States to the fact that its Standard 7 imposes a serious handi-

cap upon the teachers of science by its method of evaluating the teaching load of laboratory instructors and that in this manner its standard endangers educational efficiency and hinders the development of research in southern institutions.

This move on the part of the academy is based upon the conviction that experience does not sustain the inference that an hour's teaching in the laboratory requires less total time, energy or quality of effort than one hour of instruction by lecture. Indeed, when it is taken into account that collection of material and construction of equipment and the care of materials and apparatus are usually a part of the burden of laboratory instructors, it must be recognized frankly that an hour spent in the laboratory represents quite as great a load as does an hour of lecture-room effort.

The committee was instructed to inform the Association of Colleges and Secondary Schools of the Southern States, the National Research Council and the American Association of University Professors concerning the academy's action. It was further instructed to present an account of the academy's attitude towards Standard 7 to the editor of *SCIENCE* with a request for publication as an invitation to other individuals and organizations interested to join in the effort to remove this handicap under which instruction in the sciences is being conducted.

THE DENVER MEETING OF THE AMERICAN CHEMICAL SOCIETY

THE eighty-fourth meeting of the American Chemical Society will be held in Denver, Colorado, from August 22 to 26.