

occurrence of titanium in American soil and rocks. While he never engaged in industrial activities, his influence in this field was far-reaching and it must have been a source of great satisfaction to him to know that many of his students have contributed in a large measure to the development of American industries. His former students include many well-known chemists and engineers.

The Charles Herty Medal was awarded Professor Dunnington in 1935 by the Georgia State College for Women at Milledgeville, Ga., "for excellent service in the field of chemistry in the South . . . and especially for his splendid record as a teacher of chemists who have attained renown." The late Dr. Charles L. Reese, for many years chemical director at E. I. du Pont de Nemours and Company, and an old student of Professor Dunnington, has written affectionately of him in *Industrial and Engineering Chemistry* (22: 1408, 1930), under the caption "American Contemporaries." Here are mentioned many of his most prominent students. Dr. Reese's description of Professor Dunnington and a personal incident during his student days at the university are well worth quoting.

Tall, red-headed (but lacking the fiery disposition usually accompanying this characteristic), a gentle, kindly face—Dr. Dunnington presented an imposing personality. In addition to having the faculty of thoroughly imparting knowledge, he took a real personal interest in his students even to the extent of caring for them when they became ill. I recall vividly an instance in my own case when I was a student at Virginia. I had been suffering from an ailment and Dr. Dunnington one day noticed my apparent indisposition. He promptly sent me to his own home, where his kind hospitality and watchful care were extended to me until I was restored to normal health. Thus, his home came to be regarded by his students as a sort of haven to which they could go in times of distress, whether physical, mental or spiritual. The very atmosphere of his home, made more charming by the presence of his lovely wife and children, was an inspiration. He was imbued with a radiating spirit of brotherly love that endeared him to his associates, and outside of his duties of teaching chemistry "he went about doing good."

Professor Dunnington's activities were not confined to university duties. He always took an active interest in the welfare of the community. The installation of a modern sewage system for more than a hundred buildings in the university area was due to his efforts and personal supervision. This and many other local

civic improvements are the result of his efforts. For many years he was an elder in the Presbyterian Church in Charlottesville and he was an ardent supporter of the cause of temperance. After his retirement from teaching in 1919, he devoted himself to a number of activities, much time being spent cataloging the chemical museum of the Cobb Chemical Laboratory, working on the solubility of borates and writing several philosophical articles from a religious standpoint. Until recent years when his health began to fail, Professor Dunnington spent many pleasant hours working in his garden and each fall would gather baskets of apples and pears which he enjoyed giving to friends.

Francis Perry Dunnington, known affectionately by his former students and friends as "Old Dunny," will long be remembered as an exceptional teacher—patient, thorough, kind-hearted and fair. He emphasized the importance of being able to do a job with the materials and apparatus at hand, and by his own ingenuity in this respect he developed this worthwhile trait in his students. In his passing, the University of Virginia and the city of Charlottesville, where he lived and labored for more than three quarters of a century, have lost one of their great personalities. He was a scholar, a scientist, a teacher and a Christian gentleman of the Old South.

JOHN H. YOE

#### RECENT DEATHS

DR. JAMES CONNER ATTIX, since 1904 until his retirement in 1943 professor of chemistry and toxicology at Temple University, Philadelphia, died on April 20 at the age of seventy-four years.

FRANKLIN B. HANLEY, instructor in geology at the University of Minnesota, died on April 24 at the age of forty-five years. Mr. Hanley had been on leave from the university since June, 1942, to serve as executive secretary at the Naval Radio and Sound Laboratory at San Diego, Calif.

CHARLES E. HELLMAYR, associate curator of birds of the Chicago Natural History Museum, has died in Switzerland at the age of sixty-six years. He was the principal author of "The Birds of the Americas."

DR. JAMES CRAWFORD SIMPSON, who retired in 1941 as professor of histology and embryology and dean of the faculty of medicine of McGill University, died on April 20 in his sixty-eighth year.

## SCIENTIFIC EVENTS

### THE PROPOSED NATIONAL RESEARCH COUNCIL FOR INDIA

THE National Institution of Sciences of India, according to *Science and Culture*, Calcutta, has passed

the following resolutions advocating the founding of a National Research Council.

(1) That it is necessary to establish at an early date a National Research Council of India under the statutory authority of the Government of India.

(2) The purpose of the National Research Council shall be:

- (a) to plan and watch over the main lines of research and technical developments in accordance with national needs to see that the application of science to the public welfare is adjusted to some consistent plan, to advise the Government on a common policy and to insure that available resources for research and developments are distributed to the best advantage of the country;
- (b) to advise and help relevant authorities and institutions regarding the training and supply of scientific personnel for pure and applied research, and
- (c) to distribute grants for promoting approved researches, for the maintenance of selected research scholars, for scientific publication and other purposes.

The president of the National Research Council shall be a member of the viceroy's cabinet.

For the performance of its functions, the National Research Council shall, in consultation with non-official scientific organizations, universities and institutions of a university rank, scientific departments of the Government and federations of chambers of commerce, constitute the following boards of research, each of which will be responsible within its own particular sphere for giving effect to the policy of the National Research Council.

(1) Board of Scientific Research (mathematics, statistics, physics, chemistry, botany, zoology, geology, geography, psychology, etc.).

(2) Board of Agricultural Research (soils, crops, animal husbandry, fishery and forestry).

(3) Board of Medical and Public Health Research, including medical science.

(4) Board of Engineering Research, including mining, metallurgy and such other boards as may be considered to be necessary.

For the purpose of its work each board will be authorized to constitute research committees for all important subjects, to settle the objects of the research, indicate the individuals or organizations which could undertake the several component parts of the inquiry, receive and co-ordinate the information, make it available to those who will turn it to advantage to form a national plan into which all who are in position to contribute information can fit the particular lines on research. Governing bodies of the National Research Laboratories when established shall be constituted in consultation with the relevant research committees.

The National Research Council shall work in close co-operation with the development organizations in the country. To enable effect to be given to the policy of scientific development determined by the National Research Council the Government should make an annual grant of at least five crores of rupees.

#### THE WISCONSIN ACADEMY OF SCIENCES, ARTS AND LETTERS

THE seventy-fourth annual meeting of the Wisconsin Academy of Sciences, Arts and Letters was held

on April 14 and 15 at the University of Wisconsin. Approximately a hundred members and guests gathered to hear the address delivered by the retiring president, Dr. A. W. Schorger, president of the Burgess Cellulose Company, Madison. The title of his address was "The Abundant Life." Dr. Leon J. Cole, professor of genetics at the university, showed colored motion pictures illustrating the life of the fur seals of the Pribilof Islands. Dr. Schorger was elected a life member of the academy.

The following officers were elected to serve in 1944:

*President*, Dr. H. A. Schuette, department of chemistry, University of Wisconsin.

*Vice-president in Sciences*, Ruth Walker, Milwaukee.

*Vice-president in Arts*, Walter Bubbert, Milwaukee.

*Vice-president in Letters*, Dr. Helen White, department of English, University of Wisconsin.

*Secretary-Treasurer*, Dr. Banner Bill Morgan, parasitologist, department of veterinary science, University of Wisconsin.

*Librarian*, Halvor O. Teisberg, University Library, University of Wisconsin.

*Curator*, Dr. Edward P. Alexander, superintendent of the Wisconsin State Historical Society, Madison.

*Member, Committee on Publications*, Dr. Philo M. Buck, Jr., professor of comparative literature, University of Wisconsin.

*Members, Library Committee*, Dr. O. L. Kowalke, professor of chemical engineering, University of Wisconsin; Professor Ruth Marshall, Wisconsin Dells; Dr. James F. Groves, department of biology, Ripon College; and Dr. W. N. Steil, Marquette University, Milwaukee.

*Representative on the Council of the American Association for the Advancement of Science*, Dr. Banner Bill Morgan.

Approximately twenty-four papers were presented at the regular sessions, including ornithology, botany, mammalogy, bacteriology, plant pathology, zoology, limnology, entomology, protozoology, chemistry, forest products, medicine, soils and agriculture.

Dr. Michael F. Guyer, professor of zoology at the university, presented a memorial tribute to the late Professor Chancey Juday, life member and past-president of the academy.

#### THE CHICAGO CONVENTION OF FOOD TECHNOLOGISTS

THE fifth annual meeting of the Institute of Food Technologists will be held under the presidency of W. V. Cruess on May 29, 30 and 31 at the Edgewater Beach Hotel in Chicago. Major General S. G. Henry, director of New Developments Division, Office of Chief of Staff of the U. S. War Department, will deliver the keynote address on "The Food Technologist's Role in the War." George A. Sloan, president