

metals and diffusion in metallic alloys. Dr. F. M. Walters, Jr., formerly of the staff, will offer a final report on the alloys of iron, manganese and carbon, which he investigated for a period of several years at the institute.

Dr. Cyril Wells, also of the metals laboratory, will explain the preparation and properties of high purity iron and will report on a study of the constitution and properties of a pure sample. The final report of the morning session will be read by B. N. Daniloff, research fellow, on "The Effect of Deoxidation on the Aging of Mild Steels."

At the afternoon session at which H. W. Graham, general metallurgist of the Jones and Laughlin Steel Corporation, will preside, Dr. Charles H. Herty, Jr., formerly director of research for the Metallurgical Advisory Board, will report on the studies which were made under his direction.

These reports will conclude the program of research on the physical chemistry of steel-making which has been carried out for the past eight years by the Metallurgical Advisory Board. A group of prominent metallurgists from the industry will discuss the findings.

An informal dinner at the University Club will conclude the meeting. The speaker on this occasion will be J. Steele Gow, director of the Falk Foundation, who will speak on "Research in the Economic Field." The laboratories of the Carnegie Institute of Technology will be open for inspection for visitors on Saturday morning.

THE DIRECTORSHIP OF THE AMERICAN MUSEUM OF NATURAL HISTORY

At a meeting of the Board of Trustees of the American Museum of Natural History on January 7, Dr. George H. Sherwood resigned as director to give his entire time to the School Service Section as curator-in-chief of education. Dr. Sherwood will remain honorary director of the museum. Dr. Roy Chapman Andrews, explorer and naturalist, will succeed Dr. Sherwood as the active head of the museum.

In reference to these appointments a correspondent writes:

Dr. Sherwood has been connected with the American Museum since 1902 when he became assistant curator of invertebrate zoology. From 1906 to 1911 he was assistant secretary of the museum; from 1911 to 1921, executive secretary; from 1924 to 1926, acting director. He became director in 1927.

During the years of his directorship, the museum has undergone rapid expansion. Akeley African Hall and the Whitney Hall of Oceanic Birds are well on their way to completion. A new Reptile Hall, with all the most recent methods of mounting and groupings, was opened in 1929 and the Hall of South Asiatic Mammals. Col-

lections for the African Hall have gone steadily forward. Of the twenty-eight groups planned, half are finished or nearing completion. Last fall work was started on the new Hayden Planetarium, which will be ready in the spring. The Department of Education was conducted wholly within the museum up to 1904 when the first outside contacts were made through the distribution of nature-study collections to the schools. Since then, the school work has rapidly expanded. Last year, more than 30,000,000 contacts were made with New York school children through lectures, films, lantern slides and circulating collections. During the past few years, Dr. Sherwood has pushed the educational work further and established classes for teachers in museum instruction through cooperation with the College of the City of New York and New York University.

As leader of the Central Asiatic Expeditions of the American Museum of Natural History, Dr. Andrews took his first expedition into the field in 1916 to work in the territory of Thibet, Southwest China and Burma. His second expedition went into North China and Outer Mongolia in 1919, and the third expedition has worked in Central Asia, especially in Mongolia, since 1921, where it uncovered some of the richest fossil fields in the world. This was the largest and most completely equipped land expedition ever to be sent out up to that time.

In 1918, Dr. Andrews served in the Intelligence Service in China. He was awarded the Elisha Kent Kane Gold Medal of the Philadelphia Geographical Society previously given to only eight explorers. Brown University and Beloit College have both conferred on him the degree of honorary doctor of science. He has been given the Hubbard Medal of the National Geographic Society in recognition of his discoveries in Asia.

Dr. Andrews is well known as a lecturer and author of popular books and articles on the results of his various expeditions, including "On the Trail of Ancient Man," "Ends of the Earth," "Whale Hunting with Gun and Camera," "Camps and Trails in China," "Across Mongolian Plains," and a large volume covering his entire field work in Mongolia and China up to the present time, entitled "The New Conquest of Central Asia."

RECENT DEATHS

DR. OLIVER PEEBLES JENKINS, emeritus professor of physiology and histology at Stanford University, died on January 9. He was eighty-four years old.

PROFESSOR GEORGE LEONARD HOSMER, a member of the department of civil engineering at the Massachusetts Institute of Technology for thirty-seven years until his retirement last October, died on January 10. He was sixty years old.

DR. WILBUR GARLAND FOYE, professor of geology at Wesleyan University, died on January 8, at the age of forty-nine years.

DR. ALFRED OWRE, until his resignation in 1933 dean of the School of Dental and Oral Surgery at

Columbia University and previously from 1905 to 1927 dean of the School of Dentistry of the University of Minnesota, died on January 2 at the age of sixty-four years.

DR. FRANK STEWART KEDZIE, of the Michigan State College, died on January 5, at the age of seventy-eight years. Dr. Kedzie had been connected with the college since his graduation in 1877. He was professor of chemistry from 1902 to 1915; president from 1915 to 1921, and dean of the department of applied science from 1921 to 1927.

DR. CORNELIA M. CLAPP, since 1873 until her retirement in 1916 professor of zoology at Mount Holyoke College, and since 1897 trustee and emeritus trustee of the Woods Hole Marine Biological Laboratory, died on January 1 at the age of eighty-five years.

SIR JAMES ALFRED EWING, president and vice-chancellor of the University of Edinburgh from 1916 to 1929 and president of the British Association for the Advancement of Science in 1932, died on January 7, at the age of seventy-nine years.

A CORRESPONDENT writes: "Dr. A. Brožek, professor of genetics at the Charles University of Prague, died on November 8, at the age of fifty-two years. He had been since 1924 member and since 1930 fellow of the American Association for the Advancement of Science and was a member of the American Genetic Association. In the year 1924 he studied with Professor T. H. Morgan at Columbia University. Dr. Brožek worked on heredity and cytology in *Limulus* for twenty-three years and was the author of a textbook of genetics in Czech."

SCIENTIFIC NOTES AND NEWS

ACCORDING to the *Journal* of the American Medical Association, Dr. Henry Beeuwkes, of the staff of the Rockefeller Foundation, has been awarded the Mary Kingsley medal by the Liverpool School of Tropical Medicine in recognition of scientific accomplishment in research on yellow fever conducted in West Africa. At the ceremony in Liverpool, medals were awarded also to Sir George Buchanan, Sir Rickard Christophers and Sir Malcolm Watson. Dr. Beeuwkes was director of the West African Yellow Fever Commission, which studied yellow fever in Africa for nine years. During this period Dr. Hideyo Noguchi, Dr. Adrian Stokes and Dr. W. Alexander Young died of yellow fever contracted during the investigation.

PROFESSOR CHARLES A. SHULL, of the University of Chicago, was awarded the Stephen Hales Prize at the recent Pittsburgh meeting of the American Society of Plant Physiologists. Professor F. F. Blackman, of the University of Cambridge, was elected to the Charles Reid Barnes Life Membership; Professor V. N. Lubimenko, of the Botanical Garden of the Academy of Sciences, Leningrad, and Professor Gottlieb Haberlandt, of the University of Berlin, were elected corresponding members.

ON the occasion of the twenty-first annual meeting of the National Council of Geography Teachers, the Distinguished Service Award was presented to Professor A. E. Parkins, of the George Peabody College for Teachers, Nashville, Tenn. The award was established two years ago and the first recipient was the late William M. Davis, of Harvard University. Last year the award went to Professor R. H. Whitbeck, of the University of Wisconsin.

DR. ALEXANDER ZAHLBRUCKNER, formerly director

of the National Museum in Vienna, has been elected an honorary member of the Linnean Society, London.

THE title of emeritus professor has been conferred by the University of London on Dr. E. G. Coker on his retirement from the Kennedy chair of civil and mechanical engineering at University College.

IT is reported in the *Journal* of the Washington Academy of Sciences that Dr. Paul R. Heyl, physicist of the National Bureau of Standards, was severely injured in an automobile accident recently, suffering the loss of his right arm.

DR. H. T. Gussow, Dominion botanist of the Department of Agriculture, Ottawa, was elected president of the American Phytopathological Society at the recent Pittsburgh meeting. Other officers elected were: *Vice-president*, F. C. Meier, of the Bureau of Plant Industry; *Secretary*, H. P. Barss, professor of botany, Oregon State Agricultural College; *Treasurer* and *Business Manager*, Dr. Howard A. Edson, head of the plant disease survey of the U. S. Department of Agriculture.

THE Genetics Society of America elected the following officers at its recent annual meeting: *President*, Dr. Donald F. Jones, Connecticut Agricultural Experiment Station, New Haven; *Vice-president*, Dr. P. W. Whiting, University of Pennsylvania; *Secretary-Treasurer*, Dr. M. Demerec, Carnegie Institution of Washington, Cold Spring Harbor, N. Y. Other members of the executive committee are two past presidents, Professor Sewall Wright, University of Chicago, and Professor R. A. Emerson, Cornell University.

AT the New York meeting of the American Society for Metals, B. F. Shepherd, chief metallurgist of the