

lined in the preliminary announcement (SCIENCE, November 27).

As originally planned, the morning will be devoted to the meetings of various committees, boards and similar organizations. The Secretaries' Conference, which includes in membership secretaries of all sections and affiliated societies, together with the officers of the association, will meet at 10 A. M. for their annual session. At noon this group will be tendered an official luncheon by the association. The luncheon will be closed promptly to permit members to participate in the afternoon program.

A demonstration symposium on "The Moving Picture in the Service of Science" will be held from 2 to 4 on Friday afternoon. Two sections will convene in separate rooms on the thirteenth floor of Haddon Hall.

In the Benjamin West room Dr. William Beebe will show reels on "Bathosphere Embryonic Eels and the Animation of Deep Sea Fish." This film was made under the auspices of the New York Neurological Society. This will be followed by Perry Burgess, president of the Leonard Wood Memorial, who will show the sound movie "Miracles in the South Sea." This is a sound drama of deep interest, portraying the bright side of the leper colonies on the shores of the China Sea.

The series in the Viking room starts with "Whaling for Science," by Professor E. M. K. Geiling, of the University of Chicago, and L. L. Robbins. Dr. Geiling will describe the general biology of the whale and his search for specimens of the pituitary gland.

This will be followed by a film entitled "A Health Educator with a Cine-Kodak in the Orient," by Dr. C. E. Turner, of the Massachusetts Institute of Technology. His motion picture in natural color deals with modes of life and scenic marvels in the countries visited. Brief comment concerning the problems of population and sanitation in these regions will accompany the film.

Following this, a film on "High Speed Motion Pictures of the Flight of Birds and of Bullets," by Dr. Harold E. Edgerton, of the Massachusetts Institute of Technology, demonstrates in striking fashion the significance of high-speed motion picture technique in making difficult measurements for scientific and engineering research.

At 4:30 in the Vernon room, Haddon Hall, will be given an address on "Changes and Modifications in the Conception of Carcinoma," by Dr. Walter Schiller, of the University of Vienna, Austria.

On Friday evening at 8:30 the association is to have a special private showing of "The Human Adventure," an eight-reel talking picture sketching man's rise from savagery to civilization. This film was produced under the direct scientific supervision of the late Dr.

James Henry Breasted. The accompanying sound record contains in the second reel a record in Dr. Breasted's own voice.

Admission to the demonstrations will be by ticket, but complimentary cards may be obtained at the registration desk in Atlantic City.

HENRY B. WARD,
Permanent Secretary

SATURDAY'S PROGRAM AT PHILADELPHIA

ON Saturday, January 2, members of the association and its affiliated societies are invited to visit Philadelphia as the guests of The American Philosophical Society, The Academy of Natural Sciences and The Franklin Institute.

The train leaving Atlantic City at 8:10 A. M. reaches the Market Street Wharf, Philadelphia, at 9:10; one leaving at 8:25 A. M. reaches Market Street Wharf at 9:45. It is a short walk or ride from the foot of Market Street to the hall of the American Philosophical Society, 104 South Fifth Street. Here many historic records of the oldest scientific society in America will be on view. From 10 to 12 o'clock a series of papers on "Viruses and Virus Diseases" will be presented in the lecture room by some of the younger and more active workers in this field. This subject is one of the newest and most important in the whole realm of biology and medicine. Among the speakers on this occasion are Dr. W. M. Stanley and Dr. Ralph W. G. Wyckoff, of the Rockefeller Institute, Princeton, New Jersey, who will report on the crystallization of virus and its concentration by centrifugal force; Dr. Stuart Mudd, of the University of Pennsylvania Medical School, will speak on bacterial antigens and their preparation and preservation. Dr. Yale Kneeland, Columbia University Medical Center, will report on the virus of the common colds; Dr. George Berry, of the University of Rochester Medical School, on the transformation of the virus of one form of benign tumor into that of another malignant one.

At 12:30 a buffet lunch will be served in the hall of the society and at 2 o'clock visitors will be taken to the Academy of Natural Sciences at 19th Street and the Parkway and shown the new museum and the library, which is one of the best in its field in America. At 3 o'clock there will be a visit to the magnificent new building of the Franklin Institute at 20th Street and the Parkway. After inspecting the museums, laboratories and planetarium there, tea will be served to visiting scientists and their families at 4 o'clock. Those who wish to do so may visit other scientific educational or art institutes of Philadelphia, such as the Wistar Institute of Anatomy and Biology, the University of Pennsylvania, the University Museum, the Art Museum, etc.

The association is not scheduled to meet again in Philadelphia until 1942. It is hoped that many members may take this opportunity of seeing the recent developments in some of these oldest and most renowned scientific institutions of America.

RECENT DEATHS

DR. LOUIS M. DENNIS, for thirty-two years professor of chemistry at Cornell University until his retirement in 1932 as professor emeritus, died on December 9 at the age of seventy-three years.

DR. ARTHUR WITTER GILBERT, of the U. S. Department of Agriculture, died on December 7 at the age of fifty-four years. Dr. Gilbert was assistant professor and professor of plant breeding at Cornell University from 1909 to 1917 and Massachusetts State Commissioner of Agriculture from 1919 to 1934.

DR. CHARLES METCALFE BYRNES, associate in neurology at the Johns Hopkins Medical School, died suddenly on November 9. He was fifty-five years old.

THE death is announced of Dr. Edgar Hartley Kettle, professor of pathology in the British Post-Graduate Medical School of the University of London and consulting pathologist to St. Bartholomew's Hospital.

THE death is reported of Dr. Valdemar Henriques, director of the Rockefeller Institute of Copenhagen, formerly professor of physiology at the University of Copenhagen.

JUAN DE LA CIERVA, inventor of the autogyro, was killed on December 9 in an airplane accident at the Croydon Airdrome, England. He was forty years of age.

SCIENTIFIC NOTES AND NEWS

THE Charles Frederick Chandler Medal of Columbia University has been awarded to Dr. John Howard Northrop, member of the Rockefeller Institute for Medical Research, "for fundamental discoveries concerning bacteria, the constitution of protein and the chemistry of digestion." This is the sixteenth award of the medal. It will mark the centennial of the birth of Dr. Chandler. Dr. Northrop will deliver the Chandler lecture in the spring.

THE Associated Grocery Manufacturers Association of America, at their annual banquet in New York City on December 1 presented to Dr. George R. Minot, professor of medicine at the Harvard Medical School, its annual award "for research in the field of nutrition leading to the prevention of disease and the advancement of health." The selection of Dr. Minot was made by the following committee: Dr. George R. Cowgill, professor of physiological chemistry, Yale University, *chairman*; Dr. James S. McLester, Birmingham, Ala., past president of the American Medical Association; Dr. George W. McCoy, director of the National Institute of Health of the U. S. Public Health Service; Dr. Mary D. Swartz Rose, professor of nutrition, Teachers College, Columbia University, and Dr. Leonard A. Maynard, professor of animal nutrition, Cornell University. The presentation address was made by Dr. Morris Fishbein, Chicago, editor of the *Journal of the American Medical Association*.

MRS. MARY L. JOBE AKELEY received the gold medal for "distinguished achievement in exploration" of the National Travel Club at the annual dinner given in New York City on December 3. The silver medal was given to H. R. Ekins, of the Scripps-Howard newspapers, for "his distinguished contribution to the science of transportation and communication."

DR. CARLOS E. PORTER, director of the Zoological Institute of the University of Chile, founder and editor of the *Revista Chilena de Historia Natural*, has been awarded a gold medal in commemoration of his forty years of scientific work as editor of the *Revista*. A gathering was held in his honor on September 23 by representatives of the university and of the scientific and cultural societies of Chile. Dr. Porter was this year the recipient of a gold medal from the International Faculty of Sciences of London.

THE John Anisfield Prize of \$1,000 of *The Saturday Review of Literature* has been awarded to Julian S. Huxley, secretary of the Zoological Society of London, and to Dr. Alfred C. Haddon, formerly reader in ethnology in the University of Cambridge, for their book, entitled "We Europeans: A Survey of 'Racial' Problems." The John Anisfield Award, established in 1934 by Mrs. Edith Anisfield Wolf, of Cleveland, in memory of her father, John Anisfield, is awarded annually "to encourage and reward the production of good books in the field of racial relationships, either here or abroad." The committee of judges consisted of Henry Pratt Fairchild, professor of sociology in New York University; Donald Young, of the Social Science Research Council, and Henry Seidel Canby, contributing editor to *The Saturday Review*.

AT the centennial convocation at Emory University the degree of doctor of science was conferred on Dr. Thomas M. Rivers, member of the Rockefeller Institute for Medical Research.

Industrial and Engineering Chemistry announces that of the men nominated by the local sections for officers of the American Chemical Society, the following have received the largest number of votes: *Presi-*