

sity of Maryland); age and rate of growth of the striped bass in Chesapeake Bay (Mr. David Wallace, Maryland Conservation Department); and certain physico-chemical toleration points in oyster germ cells and larvae (Drs. R. V. Truitt and C. L. Newcombe, University of Maryland).

In addition to work on these special problems a biological survey of the Solomons Island region is being conducted at the laboratory. This survey is comprehensive in outline and is planned as a project of several years' duration. All members of the staff assist, as their time permits, in the work of collecting, preserving and classifying the biological material. This offers an excellent opportunity for advanced students, instructors and specialists in biological subjects to engage in field work and make observations on living things in their natural surroundings.

For the coming season courses are offered in the various significant modifications, structure, habits and classification of the invertebrates; algae; economic zoology; diatoms; ichthyology; experimental zoology, especially the influence of temperature, salinity and certain other factors on behavior, growth and reproduction, special attention being paid to mollusks, crustaceans, polychaetes and coelenterates; and in various biological problems.

The director of the Chesapeake Biological Laboratory is Professor R. V. Truitt, of the University of Maryland, College Park, Md.

AUSTIN H. CLARK

#### SYMPOSIUM AT THE DENVER MEETING ON THE CONTROL OF DRIFTING SOILS

THE general symposium arranged for the Denver meeting under joint auspices of the American Association and the Ecological Society of America deals with the important problem of "The Scientific Aspects of the Control of Drifting Soils." The program last year on the scientific aspects of flood control was very successful and this year's topic follows naturally in a region where wind erosion is of outstanding importance. Three speakers have been invited to discuss the geological, the biological and the present human phases of the question.

"The Geological Aspects of the Drifting of Soils" will be the topic of the first paper by Dr. M. M. Leighton, chief of the Illinois State Geological Survey. He will consider the nature, importance and examples of the geological factors involved and the cardinal principles to be learned from the geological record.

"Climatic Cycles and Human Populations" is the subject announced by Dr. F. E. Clements, of the Division of Plant Biology of the Carnegie Institution of Washington. He will discuss shortgrass and climate, plant cover in relation to erosion and flood and cooperation as an ecological process.

The final paper by H. H. Bennett, chief of the U. S. Soil Conservation Service, is entitled "Emergency and Permanent Scientific Control of Wind Erosion." He plans to discuss the precise nature of the human problem and the factors involved in wind erosion with especial reference to emergency control *vs.* permanent control.

Each of the papers will be illustrated by demonstrations, lantern slides or other special means.

The symposium will be held at two o'clock on Thursday afternoon, June 24, in the lecture hall of the Trinity Building near the association headquarters. The general plan of the program and arrangements with speakers have been made primarily by Dr. H. de Forest, representing the Ecological Society of America. The sections of the association and affiliated societies meeting in Denver have arranged their special programs so far as possible to avoid conflicts with the symposium in order to permit all members to attend this discussion of a problem of great social importance at the present time.

HENRY B. WARD

#### AWARDS OF THE LALOR FOUNDATION

THE Lalor Foundation, organized in 1935 for the advancement of scientific research, has issued a statement announcing the recipients of its awards for the academic year 1937-38. These are the first grants made by the foundation and comprise four fellowship awards of \$2,500 each for research in chemistry. Seventy-eight applications were received from 70 men and 8 women. They were reviewed by an advisory committee composed of the following scientific men:

- Dr. Roger Adams, chairman of the department of chemistry, University of Illinois.
- Dr. Katharine Blunt, president of the Connecticut College for Women.
- Dr. Harrison E. Howe, editor of *Industrial and Engineering Chemistry*.
- Dr. Henry G. Knight, chief of the Bureau of Chemistry and Soils, U. S. Department of Agriculture.
- Dr. Charles A. Kraus, chairman of the department of chemistry, Brown University.
- Dr. Arthur B. Lamb, professor of chemistry, Harvard University.

The appointments are as follows:

- James English, Jr., Ph.D., Yale University, research assistant at the California Institute of Technology, to continue research at the institute on the isolation and constitution of certain hormones promoting plant growth.
- Leland John Haworth, Ph.D., University of Wisconsin, instructor of physics at the university, to work in the Research Laboratory of Physical Chemistry at the Massachusetts Institute of Technology on the magnetic properties of materials at very low temperatures.
- Philip Albert Leighton, Ph.D., Harvard University, asso-

ciate professor of physical chemistry at Stanford University, on leave of absence to conduct research in England and at Harvard University on the properties of free atoms and radicals produced during chemical and photochemical reactions.

Earl Albert Long, Ph.D., Ohio State University, instructor in chemistry at the University of California, to conduct research at the University of California on the properties of radioactive sodium and radioactive phosphorus.

Two additional candidates were recommended for awards, namely, Dr. Eric G. Ball, associate professor of physiological chemistry at the Johns Hopkins University, and Dr. Nelson R. Trenner, instructor in chemistry at Princeton University. Dr. Ball was simultaneously appointed to a fellowship from the John Simon Guggenheim Foundation, which he has accepted. Dr. Trenner has withdrawn in order to accept a permanent research appointment.

The announcement of the awards was made by Dr. C. Lalor Burdick, secretary of the foundation. The other officers are: Dr. Charles Lee Reese, *president*; Mrs. Anna Lalor Burdick, *vice-president*, and Elwyn Evans, *treasurer*.

#### RECENT DEATHS

DR. HERBERT ELLSWORTH SLAUGHT, since 1931 emeritus professor of mathematics at the University of

Chicago, died on May 21 at the age of seventy-six years.

DR. JOSEPH A. CULLER, professor emeritus of physics at Miami University, Ohio, died on May 18 at the age of seventy-nine years.

DR. JOHN MOORE READE, since 1908 professor of botany and from 1919 to 1926 director of the biological laboratories at the University of Georgia, died on May 8 at the age of sixty-one years.

DR. WILLARD L. WACHTER, Charles McIntyre professor of biology at Lafayette College, died on May 18 at the age of thirty-nine years.

ALEXANDER HOWARD MCCONNELL, founder and chairman of the board of directors of the Central Scientific Company, died on May 4, in his sixty-first year.

DR. HARRY G. TIMBRES, of Edmonton, Canada, died on May 12 of typhus contracted while carrying out antimalarial experiments for the Tropical Institute of Moscow.

DR. ARTHUR HARRY CHURCH, formerly reader in botany at the University of Oxford, died on April 24, at the age of seventy-two years.

### SCIENTIFIC NOTES AND NEWS

DR. JOHN J. ABEL, emeritus professor of pharmacology at the Johns Hopkins University, celebrated his eightieth birthday on May 19 at a banquet given in the Welch Medical Library, which was attended by colleagues and former students. At its conclusion he was presented with a scroll bearing the names and greetings of those present. Telegrams from friends from all parts of the country were read.

A PLAQUE of Dr. Henry H. Donaldson, of the Wistar Institute of Anatomy, sculptured by Dr. R. Tait McKenzie, was presented to the Lenape Club of Philadelphia by Dr. McKenzie on the occasion of the eightieth birthday of Dr. Donaldson on May 12, and commemorating the twentieth anniversary of his presidency of the club.

DR. HARVEY CUSHING, since 1933 Sterling professor of neurology at the Medical School of Yale University, previously Moseley professor at the Harvard Medical School and surgeon-in-chief of the Peter Bent Brigham Hospital, will retire at the close of the academic year and will become professor emeritus.

SIR ANDREW MACPHAIL will retire at the end of the present summer term from the chair of medical history in McGill University, which he has held for over thirty years.

THE Daniel Guggenheim Medal for 1937, presented annually "in recognition of meritorious achievements in the furtherance of aeronautics," has been awarded to Dr. Hugo Eckener. The presentation will be made at a dinner to be given in his honor in New York on December 17, the thirty-fourth anniversary of the first flight of the Wright brothers. The medal is awarded to Dr. Eckener for "notable contributions to trans-oceanic air transport and to international cooperation in aeronautics."

THE Walker Prize of \$100 of the Boston Society of Natural History has been awarded to Dr. V. C. Wynne-Edwards, assistant professor in the department of zoology of McGill University, for his work entitled "Isolated Arctic-Alpine Flora of Eastern North America." A second prize of \$60 has been awarded to William D. Gray, of the University of Pennsylvania, for a paper on "Myxomycete Studies: The Influence of Light on the Fruiting of *Physarum polycephalum*."

THE Royal Anthropological Institute of Great Britain and Ireland has awarded the Wellcome Gold Medal for anthropological research for 1936 to Dr. Charles Kingsley Meek for an essay entitled "Law and Authority in a Nigerian Tribe. A Study in Indirect Rule." The Rivers Memorial Medal for anthropological work in the field for 1937 has been awarded