

orable John Dewar, Baron Forteviot of Dupplin; N. Dobson, Ministry of Agriculture's Veterinary Laboratory, Weybridge, Surrey; Dr. A. Dunbar, Edinburgh; Dr. H. R. Fletcher, government botanist, Edinburgh; Professor R. Fürth, Dewar research fellow, University of Edinburgh; Professor J. H. Gaddum, professor of materia medica, University of Edinburgh; Professor A. C. Hardy, regius professor of natural history, University of Aberdeen; W. B. Hislop, Edinburgh; J. D. Imrie, City Chamberlain, Edinburgh; the Right Hon. Thomas Johnston, Secretary of State for Scotland; D. K. Kevan, Secretary, Ministry of Supply (Timber Control), Edinburgh; Dr. Robert Kirk, Kitchener School of Medicine, Khartoum; C. C. Learmonth, secretary, Merchant Company, Edinburgh; Professor C. H. Lobban, professor of civil engineering, King's College, University of London; Robert Lyon, principal, Edinburgh College of Art; W. W. McClelland, executive officer to the National Committee for the Training of Teachers; G. MacKenzie, general manager, British Linen Bank, Edinburgh; Colonel G. H. G. McLean, Glasgow; Duncan Macnaughton, Edinburgh; Dr. G. C. McVittie, King's College, University of London; Dr. D. M. Morison, Royal Hospital for Sick Children, Edinburgh; Dr. Charles Ockrent, Glasgow; Dr. J. M. Robertson, Gardiner professor of chemistry, University of Glasgow; Dr. W. M. Smart, regius professor of astronomy, University of Glasgow; Dr. W. J. Stuart, consulting surgeon, Royal Infirmary of Edinburgh; J. M. Thomson, secretary, Scottish Education Department; Dr. E. Warhurst, Heriot-Watt College, Edinburgh; Dr. T. S. Westoll, department of geology, University of Aberdeen; Dr. R. W. Wheldon, department of agriculture, University of Durham; H. H. Wood, department of English literature, University of Edinburgh.

THE FOUR HUNDREDTH ANNIVERSARY OF THE DEATH OF COPERNICUS

ADDRESSES by prominent educators, as well as a musical program, will feature exercises which the University of Pennsylvania will conduct in memory of Nicholas Copernicus, the Polish astronomer, in the Irvine Auditorium, Thirty-fourth and Spruce Streets, at 3:30 o'clock on Sunday afternoon, May 23.

The exercises, which will be open to the public, will commemorate the four hundredth anniversary of the death of Copernicus and of the publication of his epochal treatise, "*De Revolutionibus Orbium Coelestium*." It was in this treatise that Copernicus revolutionized man's concept of his relation to the universe by first developing the theory that the earth was not the center of the universe but revolved around the sun.

Dr. Thomas S. Gates, president of the University of Pennsylvania and a member of the Copernican Quadricentennial National Committee, will preside over the ceremonies and there will be addresses by Dr. Lynn Thorndike, professor of history at Columbia University, and Dr. Charles W. David, professor of history at the University of Pennsylvania.

Selections by the Paderewski Polish Choral Society, under the direction of Dr. Walter Grigaitis, will follow each address, and members of the society in Polish costume will serve as ushers at the exercises.

The Reverend Francis Palecki, rector of St. Hedwig's Church, will give the invocation, and the Reverend J. Clemens Kolb, chaplain of the University of Pennsylvania, will deliver the benediction.

The exercises at the university will form part of a nation-wide tribute to the memory of Copernicus.

In addition to President Gates, members of the Copernican Quadricentennial National Committee of the University of Pennsylvania include Dr. A. Newton Richards, vice-president of the university in charge of medical affairs, and Dr. John R. Kline, professor of mathematics and secretary of the American Mathematical Society.

THE DEPARTMENT OF EXPERIMENTAL BIOLOGY OF THE AMERICAN MUSEUM

THE reorganization of the Department of Experimental Biology of the American Museum of Natural History has been announced by the administration. The name has been changed to the Department of Animal Behavior, and the scientific staff of the department is constituted as follows: Dr. Frank A. Beach, *Chairman and Curator*; Dr. T. C. Schneirla, *Associate Curator*; Lester R. Aronson and Dr. Albert P. Blair, *Assistant Curators*; Miss A. Marie Holz, *Scientific Assistant*; Dr. Libbie H. Hyman, Dr. William Etkin and Dr. Charles M. Breder, Jr., *Research Associates*.

The twofold function of the department is defined as research in animal behavior and the planning of exhibits on the same subject. The orientation of the department's research program, involving a coalescence of field and laboratory methods of investigation, deals with general principles revealed in the behavior of various animal groups. The current investigational program includes studies on invertebrates, fishes, amphibians, birds and mammals. At present a large part of the research of the department is centered about problems of reproductive behavior, and the assistance of the Committee for Research in Problems of Sex, National Research Council, is greatly facilitating this series of studies.

Plans for exhibits designed to illustrate broad principles of animal behavior and to emphasize the evolu-

tion of major reaction patterns have been approved. Such exhibits enrich the visitor's concept of the psychological aspects of animal life and increase his perspective and understanding of human behavior.

THE ELECTROCHEMICAL SOCIETY AND THE KILGORE BILL

THE following resolution was adopted unanimously by the Electrochemical Society at its eighty-third meeting, held in Pittsburgh from April 8 to 10:

WHEREAS, It appears that enactment of the Kilgore-Patman Bill S-702, HR2100 for the establishment of an Office of Scientific and Technical Mobilization

(a) Would confuse the war effort by creating at this time a new agency for the direction of the scientific and engineering program which is now so effective in the prosecution of the war and

(b) Might develop in peace-time a gigantic bureaucracy which would impede scientific and technical progress, be it

Resolved, Therefore, that members of the Electrochemical Society be urged to examine this bill and communicate their views on it to their congressmen, and furthermore be it

Resolved, That the Electrochemical Society in convention assembled, express its general opposition to the enactment of any measure which embodies government supervision, regimentation and control of the scientific and technical resources of the nation in peace-time.

THE AMERICAN ACADEMY OF ARTS AND SCIENCES

At the annual meeting of the American Academy of Arts and Sciences, held on May 12 at its house, 28 Newbury Street, Boston, the election of twenty-seven fellows was announced:

MATHEMATICAL AND PHYSICAL SCIENCES

Bradley Dewey, Dewey and Almy Chemical Company, Cambridge.

Enrico Fermi, professor of physics, Columbia University.
Philipp Frank, lecturer on physics and mathematics, Harvard University.

Edwin Powell Hubble, astronomer, Mount Wilson Observatory, Pasadena, Calif.

Edwin Herbert Land, president, Polaroid Corporation, Cambridge.

Cecilia Payne-Gaposhkin, astronomer, Harvard College Observatory.

Donald Charles Stockbarger, associate professor of physics, the Massachusetts Institute of Technology.

Hugh Stott Taylor, professor of chemistry, Princeton University.

NATURAL AND PHYSIOLOGICAL SCIENCES

Arlie Vernon Bock, professor of hygiene, Harvard University.

David Bruce Dill, professor of industrial physiology, Harvard University.

Chester Scott Keefer, professor of medicine, Boston University.

Lewis Don Leet, associate professor of geology, Harvard University.

Brenton Reid Lutz, professor of biology, Boston University.

SOCIAL SCIENCES

Augusta Fox Bronner (Mrs. William Healy), director, Judge Baker Guidance Center, Boston.

Ada Louise Comstock, president, Radcliffe College.

Benjamin Morris Selekmán, associate professor of business administration, Harvard University.

Payson Sibley Wild, Jr., associate professor of government, Harvard University.

Charles Edward Wyzanski, U. S. district judge for Massachusetts.

THE HUMANITIES

Leonard Bacon, poet and teacher.

Willa Cather, novelist.

Carleton Stevens Coon, associate professor of anthropology, Harvard University.

Angus Dun, dean, Episcopal Theological School, Cambridge.

Hugh O'Neill Hencken, curator of European archeology, Harvard University.

Perry Gilbert Eddy Miller, associate professor of history and literature, Harvard University.

Jean-Joseph Seznec, associate professor of Romance languages and literature, Harvard University.

Randall Thompson, composer and teacher.

Thornton Niven Wilder, novelist and dramatist.

The officers elected for the year 1943-44 were:

President, Harlow Shapley.

Vice-Presidents, Percy W. Bridgman, S. Burt Wolbach, Sidney B. Fay and Fred N. Robinson.

Corresponding Secretary, Abbott Payson Usher.

Recording Secretary, Hudson Hoagland.

Treasurer, Horace S. Ford.

Librarian, Frederick H. Pratt.

Editor, Robert P. Blake.

The Academy voted to award the Rumford Medals to Charles Edward Kenneth Mees, of the Eastman Kodak Company, for his contributions to photography.

SCIENTIFIC NOTES AND NEWS

THE doctorate of science was conferred on May 9 at the commencement exercises of Syracuse University on Dr. William M. Smallwood, professor emeritus of

zoology of the university, and on Dr. Charles Hurd, professor of organic chemistry at Northwestern University.