

The resolution, among other things, commended the committee for the report it submitted in mid-1958 regarding the effects of atomic radiation; requested the committee "to continue its useful work and report to the Assembly as appropriate"; asked the committee to consult with other agencies and organizations concerned to insure effective coordination of activities; and requested the Secretary-General to continue to provide the committee with assistance.

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An interagency research advisory committee has been formed by representatives of the Alaska Department of Health, Alaska Native Health Service (U.S. Public Health Service), Arctic Aeromedical Laboratory (U.S. Air Force), and Arctic Health Research Center (U.S. Public Health Service) to assist scientific investigators in medical and allied fields who wish to perform research in Alaska. The committee is prepared to assist investigators sponsored by a recognized institution by explaining local situations, in meeting logistic difficulties, and making Alaskan facilities available. Persons desiring such assistance should write to E. M. Scott, Chairman, Interagency Research Advisory Committee, Arctic Health Research Center, Box 960, Anchorage, Alaska.

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Announcement has been made by the National Academy of Sciences-National Research Council that the committee on animal care of the Institute of Laboratory Animal Resources, after consultation with various professional societies and research workers, has proposed certain general principles for the treatment and use of animals in laboratories and schools. *Principles of Laboratory Animal Care* is intended for workers in universities and industries, and *Guiding Principles in the Use of Animals by Secondary School Students and Science Club Members* is directed to students and science teachers. Reprints of both statements are available from the Executive Secretary, Institute of Laboratory Animal Resources, National Research Council, 2101 Constitution Avenue, NW, Washington 25, D.C.

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A record 94,400 full-time university-grade students were in attendance at Canadian universities and colleges on 1 Dec. 1958, some 9.1 percent above the 1957-58 total of 86,500, according to advance figures released by the Dominion Bureau of Statistics.

New peaks in enrollment were established in the current academic year in the four Atlantic provinces and in Quebec, Alberta, and British Columbia, while enrollment in Ontario and Saskatchewan was approaching the record set in the 1947-48 session.

A private collection of moths and butterflies native to the United States—the results of a lifetime devoted to the task of collecting examples of the more than 5000 known species—has been acquired by the American Museum of Natural History.

The collection of the late Otto Buckholz of Roselle Park, N.J., numbering 125,000 specimens and including approximately 95 percent of the more than 5000 species of butterflies and the larger moths found in this country, has been purchased by friends of the museum for the department of insects and spiders. The collection will be available for study by scientists and students.

### Grants, Fellowships, and Awards

*Agricultural chemistry.* The Association of Official Agricultural Chemists has announced that nominations are now being accepted for the third AOAC Harvey W. Wiley Award for Achievement in Analytical Methods. This \$500 award goes to the scientist who makes an outstanding contribution to the development of methods of analysis for foods, drugs, cosmetics, feeds, fertilizers, and pesticides, or for use in general analytical chemistry. Nominations must be submitted by 1 April. Nominees need not be members of the association. Further information may be obtained from the secretary, William Horwitz, Box 540, Benjamin Franklin Station, Washington 4, D.C.

*Biological sciences.* The Division of Biological and Medical Sciences of the National Science Foundation has announced that the next closing date for receipt of basic research proposals in the life sciences is 15 May. Proposals received prior to that date will be reviewed at the summer meetings of the foundation's advisory panels, and disposition will be made approximately 4 months following the closing date. Inquiries should be addressed to the National Science Foundation, Washington 25, D.C.

*General.* The Karl P. Schmidt Fund has modest sums available to assist persons wishing to study at the Chicago Natural History Museum. Grants will be made for study in any of the four fields encompassed by the museum: anthropology (with a natural history orientation), botany, geology (including paleontology), and zoology. An applicant should describe the study proposed in brief terms, state the length of time he wishes to study at the museum and the amount of money needed, and name one reference. Applications should be mailed to: Chairman, Karl P. Schmidt Fund, Chicago Natural History Museum, Roosevelt Road and Lake Shore Drive, Chicago 5, Ill.

### Scientists in the News

President Eisenhower has named five scientists to his 18-member Science Advisory Committee. The new appointees, four of whom are replacements, are as follows:

EMANUEL R. PIORE, physicist and electronics engineer and director of research for International Business Machines.

CYRIL S. SMITH, professor of metallurgy at the University of Chicago, and member of the General Advisory Committee of the Atomic Energy Commission.

GLEN T. SEABORG, Nobel Prize winner and professor of chemistry at the University of California.

BRITTON CHANCE, biophysicist and director of the Johnson Foundation of the University of Pennsylvania.

JOHN BARDEEN, professor of physics and electrical engineering at the University of Illinois.

Lord PLOWDEN, chairman of the United Kingdom Atomic Energy Authority, recently visited U.S. atomic energy installations on invitation by John McCone, chairman of the U.S. Atomic Energy Commission. McCone and Willard F. Libby, AEC Commissioner, visited Britain's principal atomic power and research centers in November of last year.

WILLARD F. LIBBY, scientist member of the Atomic Energy Commission, has been appointed professor of chemistry at the University of California, Los Angeles.

IRA H. ABBOTT, assistant director of research (aerodynamics and flight mechanics), National Aeronautics and Space Administration, has been appointed deputy director of aeronautical and space research. He will continue to serve in his present position as well.

D. W. JUENKER, assistant professor of physics at Notre Dame University, has received the 1958 Young Author Award of the National Association of Corrosion Engineers for a paper on "Cavity Formation in Iron Oxide" that he wrote in collaboration with R. A. Meussner and C. E. Birchenall.

THOMAS M. HAHN, Jr., head of the department of physics at Virginia Polytechnical Institute, has been appointed dean of arts and sciences at Kansas State College, effective 1 September.

FRANK H. T. RHODES, head of the department of geology at University College, Swansea, Wales, will be a

visiting professor at the University of Illinois during 1959. He will be a staff member of the university's geology field camp in Wyoming during the summer and will teach graduate and undergraduate paleontology courses on the Urbana campus in the fall.

DONALD M. HENDERSON, mineralogist in the department of geology at the University of Illinois, will be at Swansea this year on a Guggenheim fellowship.

ROBERT S. STONE, chairman of the department of radiology at the University of California School of Medicine, Berkeley, has been awarded the gold medal of the American College of Radiology.

KENNETH E. PENROD, professor of physiology and assistant dean of the Duke University School of Medicine, has been named coordinator of the new Medical Center at West Virginia University, Morgantown, effective 1 July.

SAMUEL ZWERLING, associate surgeon at Brooklyn Eye and Ear Hospital, has been appointed professorial lecturer in otolaryngology at the State University of New York Downstate Medical Center, Brooklyn.

R. D. HOOGLAND, senior research officer, C.S.I.R.O.'s Division of Land Research and Regional Survey, Papua-New Guinea Survey, Canberra, arrives on 21 March to conduct research in plant taxonomy. He will visit Boston, New York, Washington, and San Francisco, and will leave this country on 16 April.

Scientific visitors to the United States from the United Kingdom are as follows:

B. EDMONDSON, senior scientific officer, Metallurgy Division, National Physical Laboratory, Teddington, Middlesex, has been invited by the U.S. National Academy of Sciences to attend a Conference on Fracture to be held in Swampscott, Mass., from 12 to 16 April. He will also visit Washington (20 and 21 April), Pittsburgh, and Schenectady. He will leave the country on 25 April.

S. R. PELC, scientific staff member of the Medical Research Council's Biophysics Research Unit, King's College, London, arrived on 16 March by invitation of the American Cancer Society to spend a year at the Cancer Research Institute of the University of California Medical Center, San Francisco.

ROGER SMITH, member of the Medical Research Unit, University College of the West Indies, Mona, St. Andrew, Jamaica, will visit pediatric cen-

ters and laboratories in Boston, New York, Philadelphia, and Washington from 5 to 25 May.

Australian scientific visitors to the United States include the following:

A. L. C. WALLACE, research officer, Commonwealth Scientific and Industrial Research Organization's Division of Animal Health and Production, Sheep Biology Laboratory, Prospect, N.S.W., arrived 1 March for a month's tour in the United States. He will leave for Canada on 1 April, and for London on 6 April.

THELMA M. REYNOLDS, senior research officer, C.S.I.R.O.'s Division of Food Preservation and Transport, Organic Chemistry Investigation, Homebush, N.S.W., arrives on 29 March to take part in the annual meeting of the Institute of Food Technologists in Philadelphia. She will leave for England in April and return to this country on 11 May to stay until 13 June. Her itinerary includes Davis, Berkeley, Pasadena, and San Francisco, Calif.; New York, Philadelphia, and Washington, and Peoria, Ill.

MELVIN M. UDEL of the department of occupational medicine, Columbia University School of Public Health and Administrative Medicine, has been appointed director of safety and occupational health at the Metropolitan Life Insurance Company, New York.

VERO C. WYNNE-EDWARDS, Regius professor of natural history, Marischal College, University of Aberdeen, Scotland, will be on leave during the second semester of 1958-59 to serve as visiting professor of conservation in the department of biology, University of Louisville, Ky.

S. DILLON RIPLEY, assistant professor of zoology at Yale University and faculty member since 1946, has been appointed director of Yale's Peabody Museum. The appointment will be effective 1 July upon the retirement of CARL O. DUNBAR, who has been director of the museum for 16 years. Ripley is also president of the International Council on Bird Preservation.

JOHN WURDACK, associate curator of the New York Botanical Garden, and LINCOLN ADDERLY, of the gardening department, will collect flora of the rainy season along the upper Orinoco River in Venezuela. The expedition, which will last from April through August, has been made possible by the New York Botanical Garden and the Servicio Botanico of the Venezuelan Government.

## Recent Deaths

DANA B. CASTEEL, Austin, Tex.; 81; retired in 1952 as professor of zoology at the University of Texas, which he joined in 1909 as an instructor; chairman of the department of zoology from 1913 to 1915 and from 1925 to 1947; 10 Feb.

ABBOTT C. COMBES, Jr., Sheffield, Mass.; 74; head of the Combes Sanitarium for Mental and Nervous Diseases, New York, from 1914 to 1935; had been on the staff of Flushing Hospital, Queens, and had served as a division surgeon for the Long Island Railroad; 27 Feb.

ELIZABETH M. DACH, New York; formerly information specialist with the National Institute of Mental Health, Washington, D.C.; 25 Feb.

JAMES F. HART, New York; 73; adjunct professor of medicine at New York University Medical School and director of metabolism at Midtown Hospital; former associate clinical professor of medicine at the New York Medical School; 24 Feb.

DENIS C. MCGENTY, New York; 50; director of professional education for the National Council on Alcoholism; taught sociology at the universities of Minnesota and Notre Dame and at DePaul University; conducted workshops in human relations at the University of Chicago and Northwestern University; 28 Feb.

GOTTWALD SCHWARZ, New York; 78; radiologist; professor of radiology at the University of Vienna, and director of radiology at Elizabeth Hospital in Vienna, Austria, until 1941, when he came to the United States; author of more than 170 papers, including one paper in 1903 on the effect of radiation on the nucleus of living cells; 26 Feb.

DAVID STEIN, Philadelphia, Pa.; 58; physician and former teacher at Temple University Medical School; 25 Feb.

LYNDE P. WHEELER, Roanoke, Va.; 84; chief of the Technical Information Division of the Federal Communications Commission from 1936 until his retirement in 1946, after which he became consulting physicist with Pickard and Burns, Inc. until 1956; consulting physicist at the Naval Research Laboratory, 1933-36; associate professor of physics at Yale University; 1923-36; 1 Feb.

LEWIS M. WOOD, Toronto, Canada; 76; until retirement in 1946, he was president of the Canadian National Institute for the Blind for 36 years; one of the founders of the National Society of the Deaf and Hard of Hearing, of which he was president, and the Canadian Paraplegic Association; 2 Mar.