

NEWS and Notes

An Interdepartmental Committee on Research and Development, recommended by the President's Scientific Research Board last fall in its report, *Science and public policy*, and established last December by Executive Order, has now been constituted. Last Saturday President Truman appointed Alexander Wetmore, secretary of the Smithsonian Institution, chairman of the Committee. Dr. Wetmore will be assisted by Thomas B. Nolan, assistant director, U. S. Geological Survey (vice-chairman); James B. Fisk, director, Division of Research, AEC; E. U. Condon, director, National Bureau of Standards; Mary E. Switzer, assistant to the administrator, Federal Security Agency; Hugh L. Dryden, director of aeronautical research, NACA; W. V. Lambert, administrator of research, Department of Agriculture; J. E. Graf, assistant secretary, Smithsonian Institution (deputy for Dr. Wetmore); E. H. Cushing, assistant medical director for research and education, Veterans Administration; Maj. Gen. Henry S. Aurand, director of service, supply, and procurement, General Staff, Department of the Army; Maj. Gen. A. C. McAuliffe, deputy director for research and development, Department of the Army (deputy for Gen. Aurand); Maj. Gen. L. O. Craigie, director of research and development, Department of the Air Force; L. R. Hafstad, executive secretary, Research and Development Board; and Rear Adm. P. F. Lee, chief of naval research, Department of the Navy. The Committee's functions will include making recommendations leading to increased efficiency

of Federal research and development programs and reporting on "current policies and administrative practices relating to Federal support for research, such as grants and contracts for basic research." The group has also been asked to seek advice of persons outside the Federal Government and "to propose means by which information relating to the status and results of scientific research undertaken by Federal agencies can be most effectively disseminated."

About People

Arthur Stanton Adams, provost of Cornell University, has been named 11th president of the University of New Hampshire. Dr. Adams succeeds **Harold W. Stoke**, who resigned last August to accept the presidency of Louisiana State University. Dr. Adams, wartime administrator of the Navy V-12 training program, will assume his new duties in a few months.

Alfred Blalock, professor of surgery, Johns Hopkins University School of Medicine, will deliver the 24th Lewis Linn McArthur Lecture of the Frank Billings Foundation, Institute of Medicine of Chicago, on February 27. Dr. Blalock will speak on "The Surgical Treatment of Congenital Cardiovascular Defects."

Sidney P. Colowick, associate in the Division of Nutrition and Physiology, Public Health Research Institute, New York City, has been appointed associate professor of biological chemistry at the University of Illinois College of Medicine, effective April 1.

Joseph B. Reynolds, head of the Department of Mathematics, and **Fred V. Larkin**, head of the Department of Mechanical Engineering, Lehigh University, will both retire on July 1. Dr. Reynolds has been associated with the University for 41 years and Dr. Larkin for 36 years. Their successors have not yet been named.

Vladimir Vesselovsky, who is currently teaching general chemistry at

Rutgers University, Newark, New Jersey, has been appointed associate professor of physical chemistry at the University of Pittsburgh, beginning on June 1.

Kenneth E. Damann, formerly chief filtration bacteriologist of the City of Chicago, has joined the staff of the Department of Botany at Eastern Illinois State College, Charleston, where he is in charge of courses in bacteriology and microbiology and is assisting in courses in general botany.

Harold E. Clark, formerly biochemist at the Pineapple Research Institute, Honolulu, Hawaii, has been appointed associate professor of plant physiology and associate research specialist, Rutgers University and the New Jersey Agricultural Experiment Station, New Brunswick, New Jersey.

Wilbur R. Varney, instructor of metallurgy and metallography, Lafayette College, has been appointed assistant professor of mechanical engineering at California Institute of Technology.

George Henry Penn, recently a Lieutenant in the U. S. Navy, has been appointed assistant professor of zoology, Biology Department, Tulane University.

James T. Grady, managing editor, American Chemical Society's News Service, for 25 years, retired December 31. The Board of Directors of the Society cited the "significant contribution he has made to the better public understanding of chemists and chemical engineers, and their contributions to public welfare." Mr. Grady, who will continue with the Society in an advisory capacity, has been succeeded by **James H. Stack**, assistant managing editor since 1945.

C. West Churchman, of the philosophy staff, University of Pennsylvania, has been named associate professor of philosophy at Wayne University.

Robert Muir, who is on the staff of Pomona College, will go to the State University of Iowa around July 1 as assistant professor of botany.

Richard Bellman, assistant professor of mathematics, Princeton University, will join the faculty of Stanford University in the fall as associate professor. During the war Dr. Bellman participated in the Los Alamos atom bomb project.

Harold Scarborough, Rockefeller Medical Fellow who is at present working in the Physiology Department, Harvard University, has been appointed lecturer with the title of reader in the Department of Medicine (W. Melville Arnott), University of Birmingham, England.

Jorge Ancizar-Sordo, director, Laboratorio Químico Nacional, Bogotá, Colombia, has been named to represent Colombia chemists on the Colombian National Commission for UNESCO.

Philip Franklin, professor of mathematics, Massachusetts Institute of Technology, during the current spring term is also serving as visiting lecturer on mathematical physics at Harvard University.

Visitors to U.S.

Arnold J. Toynbee, British historian, and **Niels Bohr**, Danish physicist, have accepted appointments to the Institute for Advanced Study. Dr. Toynbee, professor of history at the University of London, will continue research for his 9-volume work, *A study of history*, while Dr. Bohr, 1922 Nobel Prize winner, will continue his work on elementary particle physics.

Georges J. Boné, Institut de Médecine Tropicale, Antwerp, Belgium, is spending several months at the Physiological Laboratory, University of California, on a fellowship of the Belgian-American Education Foundation. He is accompanied by his wife, Dr. Liliane Boné.

Two Czechoslovakian chemists arrived in this country on January 25 for 6 months of advanced study under grants provided from a \$25,000 fund donated to UNESCO by the American Chemical Society. The two UNESCO Fellows, both 28 years old, are Ivan

Vavruch, chief chemist of a government beet-sugar factory at Cerekvice, who will study colloid chemistry at Massachusetts Institute of Technology, and Milos Hudlicky, assistant at the Institute of Organic Chemistry in Prague, who will specialize in fluorine chemistry at Ohio State University. Chemists and chemical engineers from China, Greece, Poland, and the Netherlands are also expected to arrive soon under terms of the ACS grants. The fund is administered by the Institute of International Education, which aids the ACS in choosing candidates and planning curricula.

Fellowships

Prospective workers in the field of tissue culture may now apply for National Institute of Health fellowships at the bachelor, master, or post-doctorate level. The fellowships will enable the recipients to spend part of one academic year for supervised training at a tissue culture laboratory, with the balance of the tenure devoted to observation at research laboratories or in participation in a summer course of lectures and laboratory dealing with tissue culture methods. Research in fields other than cancer is welcomed, and fellowships are open to Tissue Culture Commission workers in the United States, Canada, and other foreign countries, and their assistants. Application forms, obtainable from the Division of Research Grants and Fellowships, National Institute of Health, Bethesda 14, Maryland, should be submitted to C. J. Van Slyke, chief of the Division.

The National Tuberculosis Association is offering a number of teaching and research fellowships in the field of tuberculosis. Limited to graduates of American schools for teaching and investigation in the United States, the fellowships carry annual stipends of \$2,400-\$3,200, with provisions for laboratory fees and incidental expenses. While not restricted to applicants with Ph.D. or M.D. degrees, preference will be given these applicants. Applicants may choose their own institutions for study in the fields of pathology and bacteriology, clinical medicine, epidemiology, and social and statistical research. In-

quiries regarding the fellowships may be obtained from James E. Perkins, Managing Director, National Tuberculosis Association, 1790 Broadway, New York 19, New York.

Colleges and Universities

The University of Illinois is now constructing a new chemistry and chemical engineering building which is expected to be one of the best-equipped laboratories of its kind. The laboratory now under construction, 205 feet long and 125 feet wide, is only one unit of what will eventually be a chemistry and chemical engineering plant occupying an entire block. The building, to be erected at a cost of approximately \$2,500,000, will provide 120,000 square feet of floor space, and will be equipped with elaborate ventilation machinery on the basement and top floors. Features of the building will include gridded spaces on all floors above the ground floor, which will permit installation of experimental equipment up to 80 feet in height. Another of the main features will be a chemical engineering unit operations laboratory, a large room in the center of the main floor, three floors high, which will have balconies in the room providing operating levels of 9, 18, and 27 feet. A 12-foot bay across the center of the main floor will allow trucks to be driven directly into the laboratory, and a traveling crane will handle the moving of heavy equipment. The Chemical Engineering Division will occupy the ground and first two floors, while the Biochemistry Division will occupy the third and fourth floors.

Harvard University's Seismograph Station has announced installation of a new seismograph, one of the first recordings of which was the January 24 earthquake in the Philippine Islands. Designed by Roland K. Blumberg, a graduate student in geology at Harvard, the new device records horizontal motion in the north-south and east-west directions as well as vertical motion. One of the most valuable features of the new seismograph is that it presents its record on a ticker tape which can be located in the seismologist's office, obviating

the photographic processing necessary for observation with the older machines.

The effects of "trace" elements upon plants, animals, and man are to be studied at Johns Hopkins University under terms of a gift of \$500,000 from one of its Trustees, John Lee Pratt, of Fredericksburg, Virginia. Income from the gift, to be known as the McCollum-Pratt Fund (named for the donor and E. V. McCollum, authority on nutrition at the University), will provide an annual budget of about \$60,000 for a 10-year period. An interdepartmental committee will advise on selection of suitable personnel and guide the project. The departments and their representatives initially concerned are Biochemistry (Dr. McCollum), Geography (Robert L. Pendleton), Sanitary Engineering (Abel Wolman), and Preventive Medicine (Perrin H. Long). George F. Carter, chairman, Department of Geography, will serve as secretary of the advisory group pending assembly of a special staff. Ultimate purpose of the long-range study is improved human health. In discussing the gift and its implications, President Bowman stated that one of the objectives is publication of a yearbook which will contain the most promising papers in trace-element research and thus benefit research staffs everywhere.

The Mechanical Engineering Department, Polytechnic Institute of Brooklyn, will inaugurate a new graduate course in "Design of Oil Power, Hydraulics and Control" in the spring semester. First of its kind ever presented by an engineering school in this country, the new course will introduce a precise mathematical formula for machinery design, and will offer oil men and mechanical engineers a theoretical basis for the various means of generating, transmitting, and utilizing oil power by fluid motors. The course will be presented by Ernest Midgette, head of the Department of Mechanical Engineering.

Southwestern Medical College was recently assured additional facilities for its expanded cancer research program. The U. S. Office of Education in Fort Worth has approved construc-

tion of a temporary laboratory to house facilities of the Biophysics Department, headed by Allen F. Reid, former director of Columbia University's chemical and radioactivity research for the Manhattan Project in New York City. Announcement of additional facilities for Southwestern's cancer research program coincides with the recent grants of \$100,000 donated for this work (*Science*, January 2, p. 10).

The Stanford Research Institute has recently undergone several personnel changes. Following the resignation last month of William F. Talbot, who had directed the Institute since September 1946, William E. Rand, assistant director since early in 1947, was made acting director. Another resignation was that of T. L. Swenson, head of the food technology section, who is to engage in commercial laboratory consulting work in the Pacific Northwest. Ronald Scantlebury, former physiologist and pharmacologist on the University of Arkansas Medical School faculty, has joined the staff. Dr. Scantlebury, in addition to carrying on physiological research dealing with the Smog investigation being made at the Institute, will handle the physiological aspects of research in the Food Acceptance Laboratory.

Industrial Laboratories

William A. Adamson, who has been associated with the Du Pont Company for the past 30 years, retired on February 1. Dr. Adamson had much to do with early developments in the fields of basic, alizarine, and anthraquinone vat dyes.

Samuel E. Sheppard, assistant director of research, Eastman Kodak Company, and a member of its staff since 1913, retired January 1. Dr. Sheppard is noted for his work ranging from research on gelatin and sensitizing dyes to studies of the size of grains in photographic emulsions.

W. E. Hanford, chemist, has recently been appointed to the newly created post of director of petroleum and chemical research, M. W. Kellogg Company. Prior to joining the organization in October of 1946 Dr.

Hanford had been director of research for the General Aniline & Film Corporation. In his new position he will have charge of all laboratory work at the Jersey City plant and that performed under university fellowships.

R. J. Allgeier, who joined U. S. Industrial Chemicals, Inc., in 1940, has been made manager of fermentation research. He has been associated with research and development work connected with the fermentation industry for the past 18 years.

L. O. Grondahl writes that, as of last October 1, he became consultant in research to the Westinghouse Airbrake Company and the Union Switch and Signal Company. He formerly served as director of research and engineering for the Union Switch and Signal Company.

Summer Programs

The second summer research program for the Jackson Hole Wildlife Park has been announced by the New York Zoological Society. Limited grants-in-aid are available up to \$500, to qualified graduate students and individuals who are professionally established, for research in ecology, conservation and land use, wildlife, life history studies, behavior, botany, ornithology, entomology, pathology and parasitology, and aquatic biology. Information and application blanks may be obtained from members of the committee in charge of the program: J. R. Simon, Moran, Wyoming, chairman; C. R. Carpenter, Pennsylvania State College; W. W. Chase, University of Michigan; and R. K. Enders, Swarthmore College.

Conditions resulting from the disastrous fire on Mt. Desert Island are rapidly being restored to order, and according to J. P. Scott, chairman of the Summer Investigators Committee, the Roscoe B. Jackson Memorial Laboratory will run its Summer Research Program on as nearly normal a basis as possible. For the past several years research facilities have been offered to a number of investigators in the general fields of (1) growth and genetics as

related to cancer and (2) comparative psychology and sociobiology as related to psychosomatic medicine. Facilities in the latter field were not damaged by the fire and will be, in fact, somewhat enlarged during 1948. Applicants in either field should write to the Laboratory as soon as possible.

The Summer School Training Program for undergraduate and predoctoral students has been greatly assisted by a recent gift by the Ladies' Auxiliary of the Veterans of Foreign Wars. This gift makes possible the restoration of the summer school buildings on a larger and better scale, and as many students as possible will be accommodated during the coming summer.

Meetings and Elections

Ten world medical and research authorities on poliomyelitis have been named presiding officers for plenary sessions of the First International Poliomyelitis Conference, to be held in the Waldorf-Astoria Hotel, New York City, July 12-17. Simultaneously, subjects of the sessions were announced by Harf E. Van Riper, medical director of the National Foundation for Infantile Paralysis, who is general chairman of the Conference.

Each of the presiding officers will be assisted by a panel composed of international authorities who have done special work on particular phases of the problem. Papers on polio will be presented at each session and will be followed by open discussions. Summaries of polio problems in other countries will be presented by official delegates who have been invited to represent their governments. Invitations have been extended through the State Department to more than 60 nations. In addition, some 20 other medical and scientific authorities from abroad will participate in the program.

Delegates to the Conference will be divided into three categories: official government delegates; institutional delegates representing invited universities, societies, and scientific and philanthropic organizations interested in research and treatment of virus diseases; and member delegates. The

last group will include physicians and other scientific and professional persons qualified by recognized standards.

Dr. Van Riper noted that "work must be done on an international scale to teach a higher degree of comparability of all problems presented by the disease, its treatment and research," adding that "collection of local detailed epidemiological and immunological studies from all parts of the world and correlation of such studies has never been accomplished on the necessary scale before. . . . It is planned that this conference will serve as a means of expediting distribution of vital knowledge on a world-wide basis."

Plenary session presiding officers and subjects include: Oswaldo P. Campos, clinical orthopedic surgeon, Hospital Jesus, Rio de Janeiro, Brazil, "The Importance of Poliomyelitis as a World Problem"; Rustin McIntosh, professor of pediatrics, Columbia University, "Poliomyelitis: The Early Stage"; Robert Kno-Song Lim, Surgeon General, National Defense Medical Center, Shanghai, China, "The Management of Poliomyelitis: The Early Stage"; Arthur Steindler, professor of orthopedic surgery, State University of Iowa, "Poliomyelitis: The Convalescent Stage"; Arvid Wallgren, professor of pediatrics, Royal Caroline Medical Institute, Stockholm, Sweden, "The Management of Poliomyelitis: The Convalescent Stage"; Carlos S. Ottolenghi, Docente Libre de Ortopedia, Buenos Aires, Argentina, "The Management of Poliomyelitis: The Late Stage"; James E. Paullin, professor of clinical medicine, Emory University, "Bulbar Poliomyelitis"; Pierre L. LePine, director of laboratories, Pasteur Institute, Paris, France, "Immunology and Chemotherapy in Poliomyelitis"; Harry S. Mustard, Commissioner of Health, New York City, "The Public Health Aspects of Epidemic Poliomyelitis"; and Thomas Parran, Surgeon General, U. S. Public Health Service, "Poliomyelitis Throughout the World." Official government delegates will present reports on poliomyelitis problems in their countries at this session.

The plenary sessions will be preceded by the opening meeting pre-

sided over by Irvin Abell, clinical professor emeritus of surgery, University of Louisville. Delegates will be welcomed by Basil O'Connor, president of the National Foundation for Infantile Paralysis, and foreign delegates will be introduced by Morris Fishbein, editor of the *Journal of the American Medical Association*.

The Conference is being held under the auspices of the National Foundation for Infantile Paralysis, with the cooperation of the following scientific societies and U. S. Government agencies which have endorsed the program: Department of State; Office of the Surgeon General, Department of the Army; Bureau of Medicine and Surgery, Department of the Navy; U. S. Public Health Service, U. S. Children's Bureau, and Veterans Administration; American Academies of Orthopedic Surgeons and of Pediatrics, American Association of Pathologists and Bacteriologists, American College of Physicians, American College of Surgeons, American Congress of Physical Medicine, American Heart Association, American Medical Association, American Pediatric Society, American Physiological Society, American Physiotherapy Association, American Public Health Association, Association of Military Surgeons of the United States, Federation of American Societies for Experimental Biology, National Research Council, National Society for Crippled Children and Adults, and Western Surgical Associations.

Among the many distinguished professional authorities from abroad who will participate in the program are: H. J. Seddon, medical director, Wingfield-Morris Orthopedic Hospital, Oxford, England; J. H. S. Gear, South African Institute for Medical Research, Johannesburg; Herman Romero, professor of health, University of Chile, Santiago; S. van Creveld, professor of pediatrics, University of Amsterdam, The Netherlands; Fritz Buchtal, Universitatets, Neurofysiologisk Institut, Copenhagen, Denmark; Juan Farill, acting president, International Society for the Welfare of Cripples, Mexico City; Alfonso Montagne, Lima, Peru; Sven Gard, professor of bacteriology, Statens Bakteriologiska Laboratorium; Stock-

holm, Sweden; G. Paredes, minister of public health, Republic of Panama; and L. N. Silverthorne, Hospital for Sick Children, Toronto, Canada.

A Symposium on the Physiology and Biochemistry of Lipids was held at the Sorbonne, Paris, January 5-12, in the laboratory of G. Schaef-fer, professor of general physiology. President of the Symposium was E. F. Terroine.

E. Chargaff, of the College of Physicians and Surgeons, Columbia University, has reported that the 9-part program included: Digestion and Intestinal Absorption of Fat, P. Desnuelles, A. C. Frazer, M. Maudet, E. Le Breton, J. Rouzier, P. E. Verkade, and F. Verzar; Deposition and Mobilization of Fat, T. Cahn, G. Clément, and A. Houget; Lipoprotein Complexes in the Blood and Tissues, E. Chargaff, A. C. Frazer, E. Le Breton, and M. Macheboeuf; Metabolism of Higher Fatty Acids, R. H. Barnes, K. Bernhard, S. Gurin, and P. E. Verkade; Metabolism of Essential Fatty Acids, R. H. Barnes, K. Bernhard, J. Clément-Champougny, and E. Le Breton; Lipids and Blood Coagulation, E. Chargaff; Phospho-amino Lipids and Degradation Products, S. Bouchilloux, J. Clément-Champougny, P. Fleury, M. Kahane, E. Le Breton, J. Levy, and J. Roche; Oxidation of Fats *in Vitro*: Anti-oxidases, R. H. Barnes, A. Chevallier, P. Dubouloz, and C. Paquot.

The proceedings will appear in full in the *Archives des Sciences Physiologiques*, published by the Centre National de la Recherche Scientifique, sponsors of the Symposium. The Rockefeller Foundation supplied financial support for this Symposium.

The Board of Governors of the Arctic Institute of North America, at a meeting in Toronto on February 6, elected Henry B. Collins, Jr., Bureau of American Ethnology, Smithsonian Institution, chairman; J. J. O'Neill, dean of the Faculty of Engineering, McGill University, vice-chairman; Richard Foster Flint, professor of geology, Yale University, secretary; and G. Gordon Bell, Ottawa, treasurer. Permanent officers of the Institute are A. L. Washburn, execu-

tive director; Sir Hubert Wilkins, assistant to the chairman; P. D. Baird, director of the Montreal office, 805 Sherbrooke Street West; and Walter A. Wood, director of the New York office, Broadway at 156th Street.

The meeting was followed by a reception given by V. Ignatieff, warden of the University of Toronto, and a dinner given by the president of the University, Sidney Smith, for the governors and officers of the Arctic Institute, members of the University faculty, and others interested in the Arctic. At the dinner J. B. Tyrrell, one of four distinguished scientists and explorers who had been elected to honorary membership, was presented with a specially designed framed certificate. The three other honorary members are Rear Adm. Richard E. Byrd, Lincoln Ellsworth, and J. M. Wordie, University of Cambridge.

The Institute has recently extended its membership to include a class of Charter Associates, to which it invites all who wish to associate themselves with the objectives of the Institute—to encourage and support basic scientific research in the Arctic and sub-Arctic regions of North America.

Sigma Delta Epsilon held its National Convention in Chicago on December 29, at which time the following officers were elected for 1948: Winona Welch, DePauw University, president; Pearl Claus Whitehead, University of Wisconsin, 1st vice-president; Harriet Creighton, Wellesley College, 2nd vice-president; Frances Lloyd Naylor, 102 Seymour Road, Woodbridge, Connecticut, secretary; Agnes Hansen, University of Minnesota, treasurer; and Lela V. Barton, Boyce Thompson Institute, Mary L. Willard, Pennsylvania State College, Hettie M. Chute, New Jersey College for Women, Hoylande Young, Argonne National Laboratory, and Stella M. Hague, Auburn, Indiana, members of the Board of Directors.

The luncheon for all women in science, held at the Hotel Sherman on December 28, was attended by 95 members and guests. Margery Carlson, of the Department of Botany, Northwestern University, spoke to the group on "Plant Collecting in Sal-

vador," illustrating her lecture with excellent Kodachrome slides.

The Mycological Society of America, at its recent annual meeting in Chicago, elected Julian H. Miller, University of Georgia, president; F. K. Sparrow, University of Michigan, vice-president; Joseph C. Gilman, Iowa State College, secretary-treasurer; J. A. Stevenson, U. S. Department of Agriculture, Ralph Emerson, University of California, and A. J. Mix, University of Kansas, councilors; and G. D. Darker, Ben Venue Laboratory, Inc., Bedford, Ohio, AAAS representative.

The Genetics Society of America recently elected L. H. Snyder, University of Oklahoma, president; T. M. Sonneborn, Indiana University, vice-president; and M. R. Irwin, University of Wisconsin, to continue as secretary-treasurer.

The Limnological Society of America held its 10th annual meeting December 29-31, 1947, in conjunction with the meetings of the AAAS in Chicago. George L. Clarke, of Harvard University, secretary-treasurer of the Society, reports that the 6 half-day sessions at which papers were presented were very well attended. A symposium on "Limnological Aspects of Water Supply and Waste Disposal," sponsored jointly with Section M (Engineering), AAAS, was held on December 30, and on the morning of December 31 the Limnological Society and the Ecological Society of America met jointly in a symposium on "Bottom Sediments." An item of especial interest for this meeting of the Society was a conducted tour of the new Chicago filtration plant, following the Tuesday afternoon session. This tour made it possible for the group to gain an idea of the elaborate chemical, mechanical, and bacteriological treatments which have been developed and to see the newly prepared testing and research laboratories.

At the business meeting of the Society, G. E. Hutchinson, Yale University, was elected president, and I. T. Wilson, Heidelberg College, vice-president. Dr. Clarke continues as secretary-treasurer.

The Oregon Academy of Science held its 6th annual meeting at Willamette University, Salem, on January 17. Warren D. Smith, Eugene, was elected president, and W. E. Milne, Corvallis, vice-president (president-elect). Pierre Van Rysselberghe, Eugene, was re-elected treasurer, and F. A. Gilfillan, Corvallis, retains the office of secretary for one more year of a two-year term.

A total of 34 papers were listed for the four sections which have been organized. Chairman of these sections for 1948 are: Biology, Paul L. Rissley, Eugene; Chemistry, Joseph Schulein, Corvallis; Geography, Herman Clark, Salem; and Mathematics, A. F. Moursund, Eugene.

The Ecologists Union, a newly formed organization "devoted to the preservation of natural biotic communities for scientific use," adopted a permanent constitution at the recent Chicago meetings of the AAAS. The first full slate of officers was elected as follows: president, Lee R. Dice, University of Michigan; vice-president, A. O. Weese, University of Oklahoma; secretary-treasurer, Ralph W. Dexter, Kent State University; members at large on the Board of Governors, V. E. Shelford, University of Illinois; R. F. Daubenmire, State College of Washington; and H. I. Baldwin, Fox Research Forest, New Hampshire. S. Charles Kendeigh is chairman of the Committee on the Study of Plant and Animal Communities, and Curtis L. Newcombe is chairman of the Committee for the Preservation of Natural Conditions. S. Charles Kendeigh served as general chairman and Harold M. Hefley, University of Arkansas, served as secretary-treasurer during the period of organization.

NRC News

At the request of U. S. Naval authorities, the NRC, in July 1947, appointed an Insect Control Committee for Micronesia (ICCM) under the Pacific Science Board. Scientific investigations of the insect problems designated by the Committee for special research are being carried out by the Board with funds granted by the

Office of Naval Research. This newly formed Committee, which will advise and assist the administration of the Trust Territory of the Pacific Islands, includes: C. E. Pemberton, executive entomologist, Hawaiian Sugar Planters' Association, Honolulu, chairman; Harry S. Smith, head, Division of Biological Control, University of California, Riverside; C. P. Clausen, chief, Division of Foreign Parasite Introduction, Bureau of Entomology and Plant Quarantine, U. S. Department of Agriculture, Washington, D. C.; and the staff entomologist of the Deputy High Commissioner of the Trust Territory of the Pacific Islands, Guam. The Honolulu officer of the Pacific Science Board, Edwin H. Bryan, Jr., is the secretary.

At the initial meeting of the Committee held in Honolulu, September 30–October 2, 1947, several recommendations were made regarding quarantine, control of insect pests, and the entomological investigations in Micronesia. These were accepted and approved by the High Commissioner of the Trust Territory and are being carried out. Transportation for this program is being furnished by NATS, and other facilities are being supplied by the Department of the Navy.

In the Trust Territory Daniel B. Langford, who has been entomologist with the U. S. Commercial Company, has recently been appointed staff entomologist, and Kenneth L. Maehler, on loan from the Bureau of Entomology and Plant Quarantine, Department of Agriculture, has been appointed quarantine officer.

Five field associates in entomology of the Pacific Science Board are carrying out the field research program of the ICCM. Theodore R. Gardner, on loan from the Bureau of Entomology and Plant Quarantine, spent the period from October 13 to November 10 in the Palau Islands, surveying the distribution and abundance of, and destruction to, coconut palms caused by the rhinoceros beetle, *Oryctes rhinoceros*. He is now in Malaya in search of parasites to help control this beetle. W. Harry Lange, on loan from the Agricultural Experiment Station, University of California, spent the period from October 14 to November 12 making a study of the Mariana coco-

nut beetle, *Brontispa mariana*, and the giant African snail, *Achatina fulica*, in Saipan, Tinian, and Rota Islands of the Marianas. He also is in Malaya in search of natural enemies of the Mariana coconut beetle. Henry Dybas, on loan from the Chicago Natural History Museum, is making an entomological survey of the Palau Islands, after which he will also collect insects in other Caroline Islands. F. X. Williams, formerly associate entomologist with the Hawaiian Sugar Planters' Association, is in Kenya Colony, Africa, studying the life history of the giant African snail and searching for its natural enemies. Harold Compere, of the Division of Biological Control, University of California, is shipping *Scolia* wasp parasites from Zanzibar, which are being liberated in Palau to help control the rhinoceros beetle there.

Prior to the initial meeting of the Committee, through the efforts of one of its members, predacious beetles, *Plaesus javanus*, supplied by the Department of Agriculture, Suva, were successfully introduced from Fiji to Guam and liberated as natural enemies of the banana root borer, *Cosmopolites sordidus*.

Elwood C. Zimmerman, of the staff of the Hawaiian Sugar Planters' Association and the Bernice P. Bishop Museum, Honolulu, and Joseph C. Bequaert, curator of insects, Museum of Comparative Zoology, Harvard University, have been appointed consultants to the ICCM. Edwin H. Bryan, Jr., secretary of the Committee, has established a document research program at the Honolulu office of the Pacific Science Board, in the Bernice P. Bishop Museum, to support and assist the field entomologists.

Representatives of the U. S. Department of Agriculture, Departments of the Navy and Interior, the U. S. Commercial Company, the Board of Agriculture and Forestry of the Territory of Hawaii, the Hawaiian Sugar Planters' Association, the Pineapple Research Institute, the Hawaiian Agricultural Experiment Station (University of Hawaii), and the Bernice P. Bishop Museum were present at the Honolulu meeting of the Committee.

Deaths

Henry Frank Moore, 80, former United States Deputy Commissioner, Bureau of Fisheries, died in Linville Falls, North Carolina, on January 8.

Ralph Gordon McCurdy, 56, inventor and director of transmission apparatus development for the Bell Telephone Laboratories, died at his home in Montclair, New Jersey, January 10.

Ludwik Silberstein, 75, physicist and authority on the theory of relativity, died January 17 of a heart attack in Rochester, New York.

Alva W. Smith, 62, professor of physics at The Ohio State University and a member of its faculty for 33 years, died suddenly of a heart attack, January 21, at his home in Columbus, Ohio.

George F. Bateman, 61, dean of the School of Engineering, Cooper Union, died suddenly in New York on January 29.

Josiah Kirby Lilly, 86, board chairman, Eli Lilly & Company, pharmaceutical manufacturers, died February 8 after a long illness.

The Arctic Institute of North America announces publication of *Journal of the Arctic Institute*, beginning in March. The new journal, which will provide information about the Arctic and Subarctic areas of Alaska, Canada, Greenland, and Labrador, will include scientific articles prepared for the nonspecialist, together with notes and news of events in northern North America. Trevor Lloyd will edit the new magazine. Inquiries about the new journal may be addressed to the Institute at Audubon Terrace, Broadway and 156th Street, New York 32, New York.

The John Frederick Huckel Collection of 111 Navaho sand paintings was presented last month to the Colorado Springs Fine Arts Center by Miss Katherine Harvey, of Santa

Barbara, California, in memory of her uncle and aunt, the late Mr. and Mrs. John Frederick Huckel, of Kansas City. These paintings, now available for study, were made between 1902 and 1924. Gladys A. Reichard, associate professor of anthropology, Barnard College, states that many are concerned with the Shooting, Mountain, and Wind chants, while others are associated with some of the Navaho chants, now rarely sung.

Arnhem Land, a corner of northern Australia populated by natives who have never developed the bow and arrow, will soon be visited by a group of scientists on an expedition sponsored by the National Geographic Society, the Smithsonian Institution, and the Commonwealth of Australia. Throughout the dry season, which normally extends from March to October, members of the expedition will study the primitive natives and the mammal, bird, fish, insect, plant, and marine life of the region. Approach to the reserve will have to be made by small schooner, and the journey inland will be a difficult one. The terrain varies from deep watercourses to rocky bluffs, and the many bays and estuaries are infested with reptiles and insects.

Leader of the expedition will be Charles Percy Mountford, ethnologist of the South Australia Museum at Adelaide. U. S. scientists who will join the leader in Sydney include Frank M. Setzler, David H. Johnson, Herbert G. Deignan, and Robert R. Miller, all of the Smithsonian Institution, and Harrison H. Walker, National Geographic staff-writer photographer who has had several years of Australian experience.

The National Registry of Rare Chemicals, 35 West 33rd Street, Chicago 16, Illinois, announces the following wanted chemicals: phosphatase, thiocytosine, 2,6-diisopropyl-p-cresol, ethyl vanillate, N-methylnipecotic acid, scopoletin, undecyl aldehyde, chromium hexachloride, hordenine, hemipinic acid, cuscohygrine, disodium acetylde, acenaphthylene, glucoscorbic acid, montanic acid, thyroglobulin, silicone xanthates, keto methionine, hexahydrobenzaldehyde, and 2-pyrrole aldehyde.

Letters from A. Vatova and Jovan Hadzi, written last year to John L. Mohr, Department of Zoology, University of Southern California, contained news of biological institutions along the Adriatic. The staff of the former Istituto Italo-Germanico di Biologia Marina, Rovigno d'Istria, left the institution, the director, A. Vatova, now being stationed at Venice with the Comitato Talassografico Italiano. The station located at the port now known as Rovinj in Croatian Istria, a part of Yugoslavia, is to be reopened this year for fisheries work. The Institute of Oceanography and Fisheries at Split (Spalato) is "very active" under its director, Tonko Šoljan.

The U. S. Atomic Energy Commission has announced publication of *Lecture series in nuclear physics*, comprising a group of lectures originally given in 1943 to aid in training Los Alamos personnel in the fundamentals of nuclear science. The series includes material by such experts as E. M. McMillan, E. Segré, E. Teller, F. Bloch, J. H. Williams, C. L. Critchfield, V. F. Weisskopf, and R. F. Christy. Copies may be obtained for \$.55 from the Superintendent of Documents, Washington 25, D. C.

Make Plans for—

American Society of Mechanical Engineers, spring meeting, March 1-4, St. Charles Hotel, New Orleans, Louisiana.

American Society of Experimental Pathology, March 15-20, Atlantic City, New Jersey.

Ohio Society of Professional Engineers, March 18-20, Netherland Plaza Hotel, Cincinnati, Ohio.

Chicago Technical Conference, in conjunction with annual Chicago Production Show, March 22-24, Stevens Hotel, Chicago, Illinois.

American Society for X-Ray and Electron Diffraction and Crystallographic Society of America, April 1-3, Yale University, New Haven, Connecticut.