

NEWS and Notes

The underwater photograph on this week's cover was taken at a depth of 975 fathoms (5,800 feet). In this picture may be seen a sea spider (pycnogonid), species of Collosendeis, and three brittle stars. Of special interest are the many tracks and holes which show evidence of life at this depth. The photograph was taken by Woods Hole scientists on December 11, 1947, at Lat. 39° 46' N and Long. 70° 51' W.

About People

Robert Maurer, Carnegie Institute of Technology, Pittsburgh, has been granted a 6-month leave of absence to head the Physics Branch, Physical Sciences Division, Office of Naval Research. The fundamental research program which he will administer is being carried on in some 70 university, government, and industrial laboratories throughout the country. Dr. Maurer's appointment is in keeping with ONR's policy of engaging scientists actively carrying on research to evaluate and administer its scientific programs.

Paul E. Fanta, instructor in organic chemistry, Harvard University, has been appointed assistant professor of chemistry at Illinois Institute of Technology, effective next September 1.

L. D. Bayer, until recently dean of Agriculture and director of the North Carolina Agricultural Experiment Station, North Carolina State College, is now director of the Experiment Station, Hawaiian Sugar Planters' Association in Honolulu. Mail intended for him should be addressed to Experiment Station, H.S.P.A., Honolulu 4, Hawaii. **H. L. Lyon**, who has served on the staff of the Experiment Station, H.S.P.A., for more than 40 years, has retired with the title of di-

rector emeritus and consultant. He will continue to work at the Experiment Station in his favorite fields of botany and forestry.

Robert A. Millikan, Nobel Prize winner in physics and professor emeritus of physics at California Institute of Technology, was honored at a dinner commemorating his 80th birthday (March 22) by the Institute's Board of Trustees and the California Institute Associates on March 15. On April 8 the CalTech faculty will pay him a similar tribute. At the faculty dinner Dr. Millikan will receive a special Millikan edition of the *Review of Modern Physics* (January and April issues combined), containing articles on his scientific interests and achievements and a series of original scientific articles written by his former students and colleagues. **Paul S. Epstein**, professor of theoretical physics at CalTech, who edited the commemorative issue, will make the presentation.

Victor C. Twitty, professor of biology at Stanford University, has just been named associate dean of the University's School of Biological Sciences, and **Douglas M. Whitaker**, dean of the School, was appointed acting vice-president of the University. As associate dean, Dr. Twitty will relieve Dr. Whitaker of his major administrative responsibilities in the School.

Norman F. Childers, formerly assistant director and senior plant physiologist, U. S. Department of Agriculture Experiment Station, Mayaguez, Puerto Rico, was recently appointed chairman of the Department of Horticulture, New Jersey Agricultural Experiment Station. He succeeds **M. A. Blake**, who died last December 14.

L. H. Bailey, one of the world's leading plant scientists, observed his 90th birthday on March 15 while traveling alone in the West Indies. The Cornell botanist's searches for rare and unusual plant specimens have taken him on many such solo trips. On this particular trip Dr. Bailey hopes to collect specimens of tropical palms to be added to the collection of some 150,000 plants at the Bailey Hortorium at Cornell. A trip to Africa is planned for the future. The University is to give a dinner in his honor on April

29, following his return from the Indies. **Arthur L. Bowshe** was appointed associate curator in the Division of Invertebrate Paleontology and Paleobotany, Department of Geology, U. S. National Museum, on March 3. Mr. Bowshe was formerly director of the Museum at the University of Kansas. His duties at the National Museum will include care of the Upper Paleozoic collections and research in Mississippian stratigraphy and paleontology.

William R. Duryee has recently been appointed cytologist at the National Cancer Institute, Bethesda, Maryland. He will also continue as a staff associate at the Department of Terrestrial Magnetism, Carnegie Institution of Washington.

Albert J. Boyle, formerly chief chemist for Basic Magnesium, Inc., Henderson, Nevada, has been appointed professor of chemistry at Wayne University. Dr. Boyle, who, in addition to the Ph.D., holds an M.D. degree, will be concerned with the application of chemistry to medical problems.

Haldon A. Leedy, chairman of physics research at Armour Research Foundation, has been named acting director of the Foundation. Dr. Leedy succeeds **J. E. Hobson**, who recently became director of the Stanford Research Institute.

Visitors to U.S.

Arne Engstrom, Department of Cell Research, Karolinska Institute, Stockholm, is spending several weeks in this country. Although he will be at the McArdle Memorial Laboratory, University of Wisconsin, for a considerable portion of this period, he will also visit other laboratories in the Middle West and East. The visit of Dr. Engstrom, who has been developing a method for cytochemical determinations with X-ray, is under the auspices of the Thomas E. Brittingham Fund of the University of Wisconsin.

Liu-sheng Ts'ai, professor of physical chemistry at Yenching University, Peiping, is spending a year's leave of absence in the United States and is located at Washington University, St.

Louis. Dr. Ts'ai is known for his work on the cracking of vegetable oils. He took a leading part in the rehabilitation of the Yenching University laboratories at Peiping after V-J Day.

Egil Ramstad, of the University of Oslo, Norway, will arrive in this country about August 1 and will be visiting professor of pharmacognosy at the School of Pharmacy, Purdue University, for the year 1948-49. Dr. Ramstad has filled the chair in pharmacognosy at the University of Oslo since 1939 and at the same time has served as consultatory adviser to the Norwegian pharmaceutical industry and the Norwegian Medical Directorate. He is well known for his research in the field of phytochemistry.

Boleslaw Ludwik Dunicz has recently arrived from London to join the staff of the Chemistry Department, University of Colorado, where he is working as a research associate in luminescence on an Office of Naval Research Project being conducted there by Frank E. E. Germann. For 5 years prior to the outbreak of the war he was a member of the teaching staff of Jan Kazimierz University in Lwow, Poland. In 1947 he received the Ph.D. degree in physical chemistry from the University of London, and until January of this year he was assistant lecturer in analytical chemistry in the Polish University College, London.

J. Griffith Davies, officer in charge of the Agrostology Section, Division of Plant Industry, Australian Council for Scientific and Industrial Research, is spending about four months in this country before proceeding to England.

Fellowships

The **Jessie Horton Koessler Fellowship** of the Institute of Medicine of Chicago for the aid of research in biochemistry, physiology, bacteriology, or pathology will be available on September 1. The stipend is \$500 a year with the possibility of renewal for one or two years. To be considered, an application must be approved by the head of a department in the fields mentioned or by the director of a research

institute or laboratory in Chicago, and must stipulate that the recipient of the fellowship shall be given adequate facilities for carrying out the proposed research, concerning which full information is required in the application. Applications, which will be received up to July 1, should be sent in quadruplicate to Dr. Paul R. Cannon, Chairman of the Committee on the Jessie Horton Koessler Fund, 950 East 59th Street, Chicago 37. Since there are no formal blanks, applications should be made by letter.

Colleges and Universities

The 13th of the annual series of lectures designed for students in the Twin Cities' high schools and sponsored by the Department of Physics, University of Minnesota, began on March 16-17 with a lecture by J. W. Buchta, professor of physics, on "Gases, Liquids, and Solids." Others in the series include "Color," by Joseph Valasek, professor of physics, March 30-31; "Radar and Microwaves," by W. G. Shepherd, professor of electrical engineering, April 6-7; and "Sound," by H. Kruglak, instructor of physics, April 13-14.

During past years the response of high school students in the surrounding communities and their teachers has been very good. Each lecture is given twice in order to accommodate all who wish to attend.

The 22nd **Priestley Lecture series** at Pennsylvania State College will be given April 12 through 16 by Raymond M. Fuoss, Sterling professor of chemistry at Yale. Dr. Fuoss' lectures will include a contrast of the early electrolysis experiments made with static machines and the first electrochemical work made possible following the invention of Volta's pile; a review of experimental and theoretical work during the 19th Century; and a discussion of the interionic attraction theory, together with a statement of problems in the field of concentrated solutions.

All activities in the field of meteorology at **California Institute of Technology** will terminate on July 1, according to an announcement by President DuBridge, who also stated that the Institute has no immediate plans

for re-establishing a Meteorology Department in the near future. Several members of the present staff, including Irving P. Krick, professor of meteorology, Paul E. Ruch, associate professor, Robert D. Elliott and Newton C. Stone, assistant professors, and Loren W. Crow and Theodore B. Smith, instructors, are planning to form an independent nonprofit corporation to carry on meteorological research.

A three-day **United Nations Institute**, held the last of February under the joint sponsorship of the New York University School of Education and the Department of Public Information of the United Nations Secretariat in consultation with UNESCO, was attended by some 400 college presidents, school superintendents, and other educational administrators. Purpose of the Institute, aside from giving educational leaders an opportunity to observe activities at UN Headquarters and acquainting them with the work of UN and related agencies, was to permit them "to exchange professional experiences in developing an understanding of the need for international cooperation by means of courses, institutes, and workshops." Co-chairmen of the Institute were Benjamin A. Cohen, assistant secretary general of UN for Public Information, and Ernest O. Melby, dean of the School of Education at New York University. Professional meetings were organized to discuss problems in both higher educational institutions and in elementary and secondary schools. Warren R. Austin, U. S. representative to UN, who addressed the opening session, in discussing the broad scope of the UN program, stated that "the United Nations represents the greatest advance in world history toward international consultation and exchange of ideas." He went on to point out the great importance of an understanding by people, and especially younger people, of what the various nations' representatives are trying to do. All those concerned with health problems should follow closely what is being done by the World Health Organization; farmers and nutritionists should study the activities of the Food and Agriculture Organization; and so on. "Educators

have the long-range task of preparing the coming generations for the practice of international collaboration," Mr. Austin said, and in his opinion teaching about UN "can best be done within the structure of existing educational programs. It needs to be fitted into geography, history, mathematics, science, medicine, agricultural science, economics, political science, etc." He went on to say that teaching these subjects without including the outstanding experiments and facts resulting from the existence of UN "would be like teaching biology without reference to Darwin or physics without taking into account the atomic theory."

The Iowa State College-Guatemala Tropical Research Center, organized at Antigua by the College for research and graduate study in agriculture and the natural sciences, was officially opened on March 5, according to a report just received from Irving E. Melhus, director. The exercises began with an address on the scope and purpose of the Center by President Charles E. Friley of Iowa State College. Dr. Friley's talk was followed by a program in which the following participated: the Minister of Agriculture, Licenciado Francisco Valdez Calderon of Guatemala; American Ambassador Edwin Kyle; Mrs. Gertrude May, vice-president of the Earl E. May Seed Company; and Pedro Cofiño, of Finca Retana. About 75 cooperators and friends of the Center from Iowa and Texas, Guatemala, El Salvador, Mexico, Cuba, and Venezuela were present.

These ceremonies were followed by a symposium on "The Growth and Development of Maize in Latin America," which included 10 papers. The papers, which reviewed work in progress on corn improvement in the various countries, will be published in the first *Proceedings* of the Center early in July. At the close of the symposium the plant scientists met in an adjourned session and effected a preliminary organization to sponsor annual meetings in the future.

On March 6 a radio program was short waved to the American Broadcasting Company in the States. This program was broadcast on the American Farmer show of ABC and affil-

ated stations, including KMA in Shenandoah, Iowa, and IGW Radio Nacional, the Guatemalan station.

New York University's Institute for Mathematics and Mechanics in January issued the first number of a new quarterly journal, *Communications on Applied Mathematics*, under the direction of R. Courant. This journal, which bears a subscription price of \$8.00 a year (single copies, \$2.50), will publish primarily papers originating from, and solicited by, the Institute. A great variety of topics in the fields of applied mathematics, mathematical physics, and mathematical analysis will be covered. Subscriptions should be sent to Interscience Publishers, 215 Fourth Avenue, New York City 3, or 2a Southampton Row, London W.C. 1 (foreign postage, \$.50).

Summer Programs

A course in Instrumental Analysis is to be offered this summer by the Department of Chemistry, University of New Mexico, in cooperation with the Denver Fireclay Company. Edwin C. Markham, of the graduate faculty of the University of North Carolina, who has had 10 years of experience in presenting this specialty to advanced students of analytical chemistry and to industrial analysts, will give the course, which will include the theory and practice of the principal colorimetric and potentiometric analytical instruments.

A month's course in Medical Mycology, under the direction of Norman F. Conant, is to be offered at Duke University School of Medicine and Duke Hospital, Durham, North Carolina, June 28-July 30. The course, to be offered every day in the week except Sunday, has been designed to insure a working knowledge of the human pathogenic fungi within the time allotted. Emphasis will be placed on the practical aspects of the laboratory as an aid in helping establish a diagnosis of fungus infection. In so far as possible and as patients become available, methods of collecting materials in the clinic for study and culture will be stressed. Work with patients, clinical material, cultures, and labora-

tory animals will serve as a basis for this course. An opportunity to study pathological material, gross and microscopic, will be given those whose previous training would allow them to obtain the greatest benefit from a study of such material.

The number taking the course will be limited, and applications will be considered in the order in which they are received. A fee of \$50 will be charged for this course, upon completion of which a suitable certificate will be awarded. Inquiries should be directed to Dr. Conant at Duke University School of Medicine.

Industrial Laboratories

John A. Hutcheson has been appointed director of the Westinghouse Research Laboratories, succeeding **L. Warrington Chubb**, head of the Laboratories for the past 17 years, who is retiring from active direction because of ill health. In his capacity as associate director during the last four years, Dr. Hutcheson directed the company's extensive radar research program as well as formulation of plans for atomic energy development.

Robert M. Vredenburg has been appointed head of the Analytical Division of the Development Laboratory maintained by Fisher Scientific Company in Pittsburgh. He was formerly an instructor in analytical chemistry at Rensselaer Polytechnic Institute, where he received his Master's degree in chemical engineering, and is a Navy veteran. He succeeds **C. Manning Davis**, now a fellow at Mellon Institute of Industrial Research, Pittsburgh.

Robert M. Fowler was recently named chief chemist, Union Carbide and Carbon Research Laboratories, Inc., to succeed **Thomas R. Cunningham**, who retired after 20 years service.

The Humble Lectures in Science Series, instituted by the Humble Oil & Refining Company, Houston, Texas, and designed to bring leading scientists to the Baytown refinery each year to discuss current developments with the company's technical and research personnel, have just been given by Richard T. Arnold, professor of organic chem-

istry at the University of Minnesota. The two-week course was on "Special Topics in Organic Chemistry."

Harold V. Bergstrand, formerly with the Western Felt Works, has joined the research staff of the Bjorksten Research Laboratories, Chicago.

William Reiner-Deutsch, director of Industrial Testing Laboratories and technical director of the National Brewers' Academy and Consulting Bureau, has been elected corresponding member of the Société de Biologie de France.

Dudley P. Glick, manager of the Standardization Department, Sharp & Dohme, Inc., has been appointed director of Biological Control, with **Willis W. Frankhouser** to act as assistant director. **Carl Newman** will become manager of the Standardization Department.

Meetings and Elections

The American Society of Mammalogists will meet in Toronto, Ontario, Canada, from Sunday, April 11, through Wednesday, April 14. This will be the 28th annual meeting of the Society. Sessions will be held in the Royal Ontario Museum, and the headquarters hotel will be the Royal York. A program of papers, special films, and field trips is being arranged. Titles for papers may still be submitted to the corresponding secretary, Donald F. Hoffmeister, University of Illinois, Urbana; reservations for hotel rooms should be made to the local chairman, Randolph Peterson, Royal Ontario Museum, Toronto. This will be the first time that this Society has held its annual meeting in Canada.

A Symposium on the Physiology of Acetylcholine is to take place at the Army Chemical Center, Maryland, on April 21. The list of principal speakers, the subjects of their discussions, and the names of the opening discussants are:

The Role of Acetylcholine in Conduction—David Nachmansohn, College of Physicians and Surgeons, Columbia University; opening discussant, Stephen Krop, Army Chemical Center.

Quaternary Ammonium Ions in Nerve Physiology—R. Lorente de N6,

Rockefeller Institute for Medical Research; opening discussant, Stephen W. Kuffler, Johns Hopkins University.

Acetylcholine as a Pharmacological Agent—Theodore Koppanyi, Georgetown University School of Medicine; opening discussant, Chester Darrow, Institute of Juvenile Research.

Concerning the Mode of Action of Acetylcholine—J. H. Welsh, Harvard University; opening discussant, Amedeo Marrazzi, Wayne University College of Medicine.

The Action of Anticholinesterases on the Insect Central Nervous System—Kenneth D. Roeder, Tufts College; opening discussant, A. M. Harvey, Johns Hopkins University School of Medicine.

Morning sessions will be from 9 to 12, and afternoon sessions from 2 to 5. It will be necessary for those expecting to attend to notify H. E. Himwich, Medical Division, Army Chemical Center, Maryland, prior to April 15. Foreign nationals wishing to attend must obtain prior authority through their Embassies.

More than 100 science students, representing 15 colleges in the Northeast, are expected to attend the second postwar Eastern College Science Conference to be held on the Union College campus April 23–24. Theme of the Conference will be "The Relationship Between Pure and Applied Science," and the program will feature the presentation of undergraduate research papers. In addition, plans are being made for exhibits prepared by science departments of the participating colleges, industrial plant tours, and discussions led by outstanding authorities in the various fields. Science clubs at Union College, whose memberships include nearly half of the student body, are sponsoring the Conference.

The International Union of Students and the British Medical Students Association invite a delegation of 15 medical students from the United States to a Students' International Clinical Congress of 200 delegates in England, July 6–24, 1948. Lectures, seminars, and clinical teaching will take place in London, Oxford, and Birmingham. Transportation and housing will be arranged at minimal expense. Further information may be

obtained from Anna P. Cort, Chairman, Committee on International Teaching Congress, AIMS, Boston University School of Medicine, 80 East Concord Street, Boston, Massachusetts.

The Division of Solid State Physics, American Physical Society, held its annual meeting in conjunction with the annual meeting of the Society at Columbia University, January 29–31. A symposium, presented under Division auspices, included "Crystallographic Factors in Lattice Imperfections," by R. Smoluchowski, Carnegie Institute of Technology; "Basic Principles of Operation of Crystal Counters," by Frederick Seitz, of the same institution; "Ferromagnetic Domains," by H. J. Williams, Bell Telephone Laboratories; and "Ferromagnetic Resonance," by J. L. Snoek, Philips Research Laboratories, Eindhoven. There were also three sessions for the presentation of papers.

Officers of the Executive Committee are R. Smoluchowski, chairman (1 year); W. Shockley, vice-chairman (2 years); A. W. Lawson, secretary-treasurer (2 years); T. A. Read and S. Siegel, members (both for 1 year).

Recent elections to the Board of Trustees of *Biological Abstracts* include Carl G. Hartman, Ortho Research Foundation, president; Charles N. Frey, Fleischmann Laboratories, vice-president; D. H. Wenrich, University of Pennsylvania, treasurer; and Robert Gaunt, Syracuse University, secretary. Newly elected members of the Board are R. C. Newton, Swift and Company; Thurlow C. Nelson, Rutgers University; R. E. Buchanan, Iowa Agricultural Experiment Station; and P. R. Burkholder, Yale University.

NRC News

Willis A. Gibbons, of the U. S. Rubber Company's General Laboratories, in January accepted the chairmanship of the Committee on Quartermaster Problems of the Division of Engineering and Industrial Research, National Research Council. This Committee was established in June 1943 at the request of the Office of Scientific Research and Development, to give assistance to the Quartermaster General of the Army on the many scientific and technical prob-

lems with which he was confronted, and has received financial support under contracts entered into by the president of the National Academy of Sciences, initially with the OSRD and later with the Office of the Quartermaster General.

Under the successive leadership of L. W. Bass and Frederic W. Willard, the activities of the Committee represent an excellent example of cooperation between the armed services and the civilian scientists of the country. Nearly 100 scientists, drawn from universities, nonprofit research institutions, and industry, have given freely of their time and energy in advising the Quartermaster General on a wide variety of scientific and technical problems, including such diverse subjects as environmental protection, germicides, insecticides and biologicals, footwear, leather, textiles, clothing, and plastics, and in supervising research and development programs carried on in research institutions throughout the country under contracts between these institutions and the Research Council's Committee.

On July 1, 1946, the Office of the Quartermaster General itself assumed the responsibility for placing its research and development contracts, but the Committee on Quartermaster Problems and its several advisory subcommittees continue to hold monthly meetings, frequently with representatives of the research and development contractors present by invitation, to review the progress of the individual research undertakings and to formulate recommendations regarding the research and development program of the Office of the Quartermaster General.

W. George Parks, of Rhode Island State College, has served since early in 1945 as director for the Committee and has devoted the major portion of his time to this service.

The Committee on Human Reproduction, acting for the National Committee on Maternal Health, Inc., announces that it will entertain applications for grants for research in the field of reproduction. Applications to become effective July 1, 1948 will be received until May 1, 1948; applications to become effective October 1, 1948 will be received until August 1, 1948.

The Committee will consider support of biological, clinical, economic, medical, psychological, and sociological research dealing broadly with the field of human reproduction in general and with respect to specific problems, including maternal and fetal physiology, the factors controlling conception, the physiology of fertilization and conception, and sterility. For the year 1948-49, the Committee will place specific emphasis upon investigations of the factors controlling conception, fertility, and sterility, but other studies will be supported if projects of special significance are presented. In subsequent years changing emphasis may be anticipated.

The National Committee on Maternal Health has advised the Council that it proposes to solicit funds to finance the program of research recommended by the Committee on Human Reproduction to an amount of approximately \$200,000 for 1948-49.

Communications regarding grants should be addressed to Committee on Human Reproduction, National Research Council, 2101 Constitution Avenue, N.W., Washington 25, D. C.

Deaths

Charles McLean Fraser, professor emeritus of zoology, University of British Columbia, Vancouver, died suddenly December 26, 1947. Dr. Fraser's famous collection of hydroids and his reference library are being acquired by the University.

R. V. R. Reynolds, 74, former chief of the Division of Forest Economics, U. S. Department of Agriculture, died March 10 in Washington, D. C., following a heart attack.

Rene G. Maurette, 45, chief engineer of product design for the lighting fixture division of Sylvania Electric Products, Inc., died March 15 in Beverly, Massachusetts. He was a leader in the development and application of fluorescent light.

Charles A. Elsberg, 76, noted brain specialist and emeritus surgeon-in-chief of the New York Neurological Institute, died March 18 in Stamford, Connecticut.

John B. Derieux, professor of theoretical physics at North Carolina State College since 1922, died March 18 in Raleigh, North Carolina.

The Natural Science Society of China has just started publication of a bimonthly English language journal bearing the title *Science & Technology in China*. The Society states that, in spirit, the new publication is a continuation of *Acta Brevia Sinensia*, which was published during the war years by the Society in cooperation with the British Council. It will, however, be wider in scope than the *Acta*. Sections of the new journal will be devoted to (a) scientific research, including articles on special subjects, brief communications, and progress of research in various fields; (b) progress in economic reconstruction; (c) scientific and technological institutions; (d) learned societies and their activities; (e) Chinese men of science; and (f) reviews of scientific and technological publications. The subscription price is \$2.00 a year. The Society welcomes contributions from scientists wherever they may be. Inquiries concerning manuscripts should be addressed to: Chief Editor, *Science & Technology in China*, c/o Institute of Chemistry, Academia Sinica, 320 Yo Yang Road, Shanghai. Foreign subscribers should communicate with S. H. Doo, 7137 Pennsylvania Avenue, Pittsburgh 8, Pennsylvania.

A national Soil and Fertilizer Research Committee consisting of scientists from land-grant colleges and the U. S. Department of Agriculture was formally organized following a three-day conference held the first week in March at the Plant Industry Station, Beltsville, Maryland. This Committee, which "will consider the national aspects of soil, fertilizer, and irrigation research and promote the coordination of State and Federal investigations in this field," includes: H. C. Knoblauch, of the Office of Experiment Stations, chairman; F. E. Bear, New Jersey Experiment Station, New Brunswick; W. R. Paden, South Carolina Experiment Station, Clemson; R. W. Cummings, North Carolina Experiment Station, Raleigh; C. O. Rost, University of Min-

nesota, St. Paul; D. W. Thorne, Utah Experiment Station, Logan; W. T. McGeorge, Arizona Experiment Station, Tucson; Mark L. Nichols, Soil Conservation Service; and Frank W. Parker and K. D. Jacob, Bureau of Plant Industry, Soils, and Agricultural Engineering, USDA.

A merger of the testing activities previously performed by the American Council on Education, the College Entrance Examination Board, and the Carnegie Foundation for the Advancement of Teaching was effectuated last December with the formation of the Educational Testing Service. The Service, which began operations January 1, was chartered under the Education Law of the State of New York as a nonprofit, nonstock corporation, without members. ETS, which resulted from recommendations made by a Committee on Testing, appointed in 1946 by the president of the Carnegie Foundation, with President Conant of Harvard as chairman, will continue, strengthen, and improve existing testing services of the three organizations and also undertake basic research, sponsor new tests, and explore hitherto undeveloped areas in the field of testing. As initially constituted, the Board of Trustees, which will have complete control of both operations and policies of ETS, includes, as ex-officio members, George F. Zook, president, ACE; Edward S. Noyes, chairman, CEEB; and Oliver C. Carmichael, president, Carnegie Foundation for the Advancement of Teaching; and, as appointed members, Raymond Allen, president, University of Washington; J. W. Barker, president, Research Corporation of New York; Dr. Conant; Senator James W. Fulbright, former president of the University of Arkansas; Herold Hunt, superintendent of schools, Chicago; Katharine E. McBride, president, Bryn Mawr College; T. R. McConnell, dean, College of Science, Literature, and Arts, University of Minnesota; Lester Nelson, principal, Scarsdale (New York) High School; and Francis T. Spaulding, Commissioner of Education, New York State. Dr. Conant is chairman of the Board. Assignment to ETS of the greater part of the current assets of the testing

agencies of the merging organizations and provision of a grant of \$750,000 by the Carnegie Corporation will enable a concerted attack on the many problems which exist in educational testing today.

The Limnological Society of America changed its name, on March 1, to the American Society of Limnology and Oceanography. This expansion of the scope of the Society to include the marine field was voted by the members in the belief that the more effective interchange of ideas among limnologists and oceanographers, which would be encouraged, would greatly strengthen not only the Society but also the subjects concerned.

In the past, many of the fundamental relationships of the aquatic environment have been investigated independently in oceanic and inland areas. The fostering of closer cooperation among workers in these fields should have a highly beneficial effect on the advancement of the many problems and techniques which are of common interest. Cases in point are: methods of measurement of physical and chemical features of natural waters and of their populations, understanding of aquatic productivity, improvement of fisheries, and development of better procedures for conservation and prevention of pollution. Many important studies, such as those on estuarian shellfish and on anadromous fishes, obviously involve both marine and freshwater environments.

The newly expanded Society will thus provide an organization serving workers in all branches of limnology and oceanography, and its meetings and publications will furnish an opportunity for the closer integration of the physical and biological aspects of the subjects. Investigators, teachers, students, government workers, and others interested in any phase of marine or fresh-water problems are eligible for membership. It is desired that the Society effectively represent all phases of aquatic research.

The officers elected at the December meeting of the Society in Chicago (*Science*, February 20, p. 188) will remain as the officers of the Society under the new name.

The next annual meeting of the Society, and the first under the new name,

will be held in or near Washington, D. C., during the approximate period of September 10-13, 1948. Persons interested in becoming members or wishing further information about the new scope of the Society should communicate with G. L. Clarke, of Harvard University, who is secretary-treasurer.

Correction: In "Nomenclature of Streptomycin Preparations" (*Science*, March 5) lines 15-16, second column, page 234, should have read "... *Streptomyces griseus*" instead of "... *Streptomycin griseus*."

Make Plans for—

Midwest Power Conference, 10th annual, sponsored by Illinois Institute of Technology, April 7-9, Sheraton Hotel, Chicago, Illinois.

Symposium on Recent Advances in the Study of Venereal Diseases, April 8-9, Commerce Building, Washington, D. C.

Institute of Mathematical Statistics, April 14-15, New York City.

Electrochemical Society, spring meeting, April 14-17, Deshler-Wallick Hotel, Columbus, Ohio.

Botanical Society of America, Inc., Southeastern Section, annual spring meeting, April 16-17, University of Florida, Gainesville.

American Chemical Society, 113th national meeting, April 19-23, Chicago, Illinois.

American College of Physicians, 29th annual session, April 19-23, San Francisco, California.

First International Congress of Physiology and Pathology of Animal Reproduction and of Artificial Insemination, June 23-30, Milan, Italy.

International Congress of Genetics, July 7-14, Stockholm, Sweden.

International Congress of Zoology, July 21-27, Paris, France.

International Congress on Mental Health, August 11-21, London, England.