

Agency of the Japanese Government. The work is being conducted under the International Convention for the High Seas Fisheries of the North Pacific Ocean, signed at Tokyo, Japan, 9 May 1952.

Serving as research agency for the United States Section of the International North Pacific Fisheries Commission, the investigators are trying to determine the home base of salmon taken on the high seas. Were these salmon spawned in American or Asiatic streams? In what areas do they mingle in the high seas? By what characteristics may the Asiatic and American fish be distinguished?

This is the fourth year of the salmon studies. Results of the 1958 studies will be presented at the next meeting of the International North Pacific Fisheries Commission, to be held in Tokyo in November 1958.

### National Committee of History and Philosophy of Science

The United States Committee of the International Union of the History and Philosophy of Science has been established to effect appropriate United States participation in the International Union through the National Academy of Sciences-National Research Council, which adheres to the union on behalf of the historians and the philosophers of science in the United States. The first meeting of the committee was held in January at the National Academy.

The committee is composed of Marshall Clagett, Charles C. Gillespie, Henry Guerlac, C. Doris Hellman, and Conway Zirkle, representing the History of Science Society; C. J. Ducasse, Ernest Nagel, and Henry Margenau, representing the Philosophy of Science Association; Willard van Orman Quine and J. Barkley Rosser, representing the Association for Symbolic Logic. In addition, there are ex-officio voting members in their capacity as U.S. officers of international organizations; Alfred Tarski, president of the Division of the Philosophy of Science of IUHPS; Stephen C. Kleene, president of the Association for Symbolic Logic; and Philipp Frank, director of the Institute of the Unity of Science. Finally, there are three ex-officio nonvoting members: Raymond J. Seeger, deputy assistant director of the National Science Foundation as liaison representative, and Wallace W. Atwood, Jr., and André C. Simonpietri, respectively director and associate director of the Office of International Relations of the National Academy of Sciences-National Research Council.

At the first meeting Nagel was nominated as chairman of the committee and

Guerlac as vice-chairman. Hellman was appointed secretary. Three members-at-large were nominated: Percy Bridgman, Richard H. Shryock, and Carl B. Boyer. The respective appointments have been made by the president of the academy.

There are two permanent subcommittees of the National Committee, one on the History of Science and one on the Logic, Methodology and Philosophy of Science. Clagett was elected chairman of the former and Quine chairman and Margenau vice-chairman of the latter.

### Radiocarbon Dates

The Committee for Distribution of Radiocarbon Dates was formed at the Conference on Radiocarbon Dating held in Andover, Mass., October 1956. The committee has created a service organization capable of (i) assembling all known radiocarbon dates, (ii) producing complete description of all dated samples on punched cards coded for sorting into universally useful categories, and (iii) distributing to subscribers this set of cards carrying complete information otherwise nearly impossible to assemble. The service organization plans to distribute some 5000 cards to each subscriber during the next 5 years, including about 3000 now available. The necessary coding and sorting equipment and index guides will be included.

However the committee must know how many sets of cards to prepare and how much cash from subscriptions may accrue to meet the expenses of production. Therefore, a questionnaire is being circulated. It is estimated that the total cost for 5000 cards will be about \$250, provided a sufficient number subscribe. If only a few subscribe, the cost will be almost double this amount. For further information and a copy of the questionnaire, write to Frederick Johnson, R. S. Peabody Foundation, Box 71, Andover, Mass.

### Grants, Fellowships, and Awards

*Connective Tissue.* The Helen Hay Whitney Foundation, which was originally established in 1947 to stimulate and support research in rheumatic heart disease, has announced its annual fellowship program. Any properly qualified person up to the age of 35, holding the M.D. or Ph.D. degree or the equivalent, who is seriously considering a career in biological or medical research, preferably relating in some way to connective tissue and its diseases, is eligible for consideration.

The applicant must have a commitment for adequate facilities and research expenses other than salary during the

tenure of the fellowship from an institution or laboratory acceptable to the Scientific Advisory Committee. A contribution of \$1000 will be made to the laboratory of the fellow selected.

Application forms should be requested from the Executive Secretary, Helen Hay Whitney Foundation, 525 E. 68 St., New York 21, N.Y. Applications should be mailed prior to 15 August for fellowships commencing 1 July of the following year.

In addition to the fellowship program, the foundation will select a small number of established investigators to be supported for a period of 5 years or more, such support to include salary and certain minimal research expenses. Preference will be given to past and present fellows of the foundation.

*History of Science.* An annual award of \$250 has been established by Henry and Ida Schuman of New York City for an original prize essay in the history of science and its cultural influences. This competition is open to undergraduate and graduate students in any American or Canadian college, university, or institute of technology. Papers should be approximately 5000 words in length, exclusive of footnotes, and thoroughly documented. It is hoped that the prize-winning essay will be suitable for publication in *Isis*, the journal of the History of Science Society.

Papers may deal with the ideas and accomplishments of scientists in the past; they may trace the evolution of particular scientific concepts; or they may study the historical influences of one branch of science upon another. Essays dealing with medical subjects are not acceptable, although papers dealing with the relations between medicine and the natural sciences will be welcomed.

For further information, write to the Chairman of the Prize Committee, Prof. Raymond P. Stearns, 313 Lincoln Hall, University of Illinois, Urbana, Ill. Inquiries about the competition may also be addressed to Stearns. Papers must be received on or before 1 July.

*Photobiology.* Brandeis University has announced the establishment of 20 fellowships, made possible through a grant from the National Institutes of Health, to cover the costs of tuition, room, and board at the Institute of Photobiology that is to be held in Waltham, Mass., 23 June through 1 August. For further information, write to Brandeis University, Photobiology Institute, Waltham, Mass.

*Public Health.* Nominations for the sixth Kimble Methodology Research Award are being accepted until 1 June 1958. This award, which gives recognition to the application of scientific knowledge to the public health laboratory, was established by the Kimble Glass Company of Toledo, Ohio (subsidiary of the

Owens-Illinois Glass Company) and is sponsored by the Conference of State and Provincial Public Health Laboratory Directors. The cash award of \$1000 and silver plaque will be presented at the annual meeting of the conference to be held in St. Louis, Mo., in November 1958. Rules governing nominations can be obtained from the chairman of the nominating committee: Dr. Nell Hollinger, School of Public Health, University of California, Berkeley 4, Calif.

## History of Technology

In an effort to assess the impact of technology on society, a group of scholars has formed the Society for the History of Technology. The society will sponsor meetings at which various aspects of technological history will be investigated and will publish a quarterly journal, *Technology and Culture*. The Executive Committee of the newly formed society consists of the following members: chairman, Melvin Kranzberg, Case Institute of Technology; Carl W. Condit, Northwestern University; Howard Mumford Jones, Harvard University; Edward Lurie, University of Michigan; Robert Multhauf, Smithsonian Institution; William Fielding Ogburn, University of Chicago; Stanley Pargellis, Newberry Library; John B. Rae, Massachusetts Institute of Technology; Richard Shryock, Johns Hopkins University; and Lynn White, Jr., Mills College. An Advisory Council is also in the process of formation.

As its first program, the society will cosponsor the meeting of the Humanistic-Social Division of the American Society for Engineering Education, to be held at the University of California, Berkeley, 16-17 June. The society expects to begin publication of *Technology and Culture* in the fall of 1959. Applications for charter membership (\$10) in the Society for the History of Technology should be sent to Prof. Melvin Kranzberg, Room 315, Main Building, Case Institute of Technology, Cleveland 6, Ohio.

## Scientists in the News

The following awards were made during the American Chemical Society's 133rd national meeting, which took place in San Francisco last month: WILLIAM S. JOHNSON of the University of Wisconsin, the ACS Award for Creative Work in Synthetic Organic Chemistry, sponsored by the Synthetic Organic Chemical Manufacturers Association; JACOB BIGEISEN of the Brookhaven National Laboratory, the ACS Award for Nuclear Applications in

Chemistry, sponsored by the Nuclear-Chicago Corporation; DuBOIS EASTMAN of the Texas Company, the ACS Award in Industrial and Engineering Chemistry, sponsored by the Esso Research and Engineering Company; CARL DJERASSI of Wayne State University, the ACS Award in Pure Chemistry, sponsored by Alpha Chi Sigma fraternity; MAURICE F. HASLER of the Applied Research Laboratories, Beckman Award in Chemical Instrumentation; WILLIAM G. GORDON of the U.S. Department of Agriculture, Eastern Regional Research Laboratory, the Borden Award in the Chemistry of Milk; JAMES J. LINGANE of Harvard University, the Fisher Award in Analytical Chemistry; GEORGE BUCHI of Massachusetts Institute of Technology, the Fritzsche Award; ARDA ALDEN GREEN, deceased, of the Johns Hopkins University, the Garvan Medal; WILLIAM L. LAURENCE of the *New York Times*, the James T. Grady Award; PAUL H. EMMETT of the Johns Hopkins University, the Kendall Company Award in Colloid Chemistry; LESTER J. REED of the University of Texas, the Eli Lilly and Company Award in Biological Chemistry; EUGENE P. KENNEDY of the University of Chicago, the Paul-Lewis Laboratories Award in Enzyme Chemistry; ROBERT P. EISCHENS of the Texas Company, the Precision Scientific Company Award in Petroleum Chemistry; ERNEST H. VOLWILER of the Abbott Laboratories, the Priestley Medal; FRANK E. BROWN of Iowa State College, the Scientific Apparatus Makers Award in Chemical Education.

Recent appointments in fundamental research at the Mellon Institute, Pittsburgh, Pa., include: staff fellow, A. A. BOTHNER-BY of Harvard University; senior fellow, M. H. J. WIJNEN of the University of Louvain; and the following fellows, E. G. ERDÖS of Ludwig Maximilian University, CECILE C. NAAR of Brussels University, J. G. PRITCHARD of University College (London), D. R. SEARS of Cornell University, and F. WENGER of the University of Bern.

Personnel added to contractual research projects of the institute are as follows: senior fellow, B. A. McALEER of the University of Pittsburgh; and fellows, S. Z. BEER of Polytechnic Institute of Brooklyn, G. K. BHAT of Lehigh University, and L. J. KROKO of Carnegie Institute of Technology.

HAROLD E. YOUNG, associate professor of forestry at the University of Maine, has been granted a year's leave of absence in order to serve as a civilian scientist with the Operations Analysis Office of the North American Air De-

fense Command in Colorado Springs, Colo. He will begin his duties on 1 September.

EUGENE S. TURRELL, associate professor of psychiatry at the University of Colorado School of Medicine, has been appointed medical director of the Milwaukee Sanitarium Foundation and professor of psychiatry at Marquette University School of Medicine, effective 1 July.

WARREN S. WOOSTER has returned to the Scripps Institution of Oceanography, La Jolla, Calif., as associate research oceanographer. During the past year he has been director of investigations for the Peruvian Council of Hydrobiological Investigations in Lima.

CHARLES S. REDDING, board chairman, Leeds & Northrup Company, Philadelphia, has received the Scientific Apparatus Makers Award for "highest achievement in developing the industry's capacity for serving the nation in the fields of industry, research, education, health and defense."

H. W. LASER, of the British Medical Research Council's external staff, working at the Molteno Institute of Biology and Parasitology in Cambridge, England, will be at the Argonne Laboratory, Lamont, Ill., for 6 months, beginning in July. He will investigate the use of tissue cultures for determining radiation effects.

IRA KUKIN, specialist in colloidal chemistry, has been appointed research director of the Belleville (N.J.) Research Center of L. Sonneborn Sons, Inc. He succeeds the late Abraham Moscovitz, who died in February. Kukin was formerly on the staff of the Gulf Research and Development Company, where for 6 years he was in charge of fundamental research in the product division.

JEAN P. ROSSELET has been appointed senior biochemist in the biochemistry department of the Schering Corporation, Bloomfield, N.J. Prior to joining Schering, Rosselet was with another pharmaceutical manufacturer and also was a research associate at Columbia University.

EVERETT R. HOLLES, formerly with the U.S. Atomic Energy Commission, has joined the General Atomic Division of General Dynamics Corporation, San Diego, Calif., as assistant to Frederic de Hoffmann, a vice president of the corporation and division general manager of General Atomic. Holles, who was assistant to Lewis L. Strauss, chairman of the AEC, has had extensive experience as a news correspondent and