

News and Notes

International Union of Biological Sciences

THE Executive Committee of the International Union of Biological Sciences (IUBS) met in London March 4-5, for the first time since the last General Assembly of IUBS in 1950 in Copenhagen. Thirty scientists represented the nine sections of the union under the presidency of H. Munro Fox. Of the various presentations and discussions, certain decisions or suggestions deserve mention:

Three delegates have been designated to represent IUBS on the new Inter-Union Commission for Electron Microscopy. The function of this commission is principally to arrange international colloquia and/or congresses on electron microscopy and its applications. The delegates from IUBS are (Miss) I. Manton, professor of botany, University of Leeds; J. Weigle, of the Institute of Physics, University of Geneva; and Francis O. Schmitt, of Massachusetts Institute of Technology. The secretary general of the commission is F. W. Cuckow, Chester Beatty Institute, Royal Cancer Hospital, Fulham Road, London, S. W. 3. Ralph W. G. Wyckoff, of the National Institutes of Health, Bethesda, Md., has been appointed to the commission as representative of the Union of Crystallography. Representatives of the International Union of Pure and Applied Chemistry and of the International Union of Pure and Applied Physics have yet to be appointed.

A motion was adopted recommending that substantial financial aid be sought from international foundations for scientific components of IUBS, and in particular for two centers of taxonomy and of experimental research, created by the commission to investigate biological control of plant pests.

A second action, important for the scientific life of the union, was taken, recommending the creation of scientific sections in special disciplines identical with the corresponding organizations in the same disciplines, to the end that coordination of aims and activities may be achieved. Examples of such identifications currently in existence are the International Association of Microbiologists, constituted as the Section of Microbiology of IUBS; the Biometric Society, now the Section of Biometry of IUBS; and the Society for Cell Biology, which is the Section of Experimental Cytology of IUBS.

The value of the colloquia organized by the union, it was emphasized, must be measured in terms of international cooperation and their contribution to science. In 1951, "Cytochemistry" at London and at Stockholm, "Symbiosis among Insects" at Amsterdam, and problems of "Biometry in Relation to the Growth of Plants" at Calcutta were the topics of stimulating and fruitful meetings.

There have been prepared for 1952 four colloquia on the following subjects:

"Bacteriophage" Royaumont (near Paris)
"Cyto- and Histodifferentiation" Stockholm
"Scientific Organization of Botanical Gardens" London
"Biochemical and Structural Bases of Morphology" Utrecht

Among the suggestions that were proposed by the members present, one merits particular attention. Developed by Paul Weiss, chairman of Division of Biology and Agriculture of the National Research Council of the USA, this involved a proposal that the IUBS take the initiative in convening a colloquium designed to define the orientation that the union should adopt in relation to the needs and aims of biology.

P. VAYSSIÈRE, *Secretary General, IUBS*
STUART MUDD, *Secretary*

Scientists in the News

Archie Blake, of the Mechanical Research Corporation, Chicago, will be head of the International Business Machines Computing Section of the Cornell Aeronautical Laboratory, Buffalo, N. Y.

John W. Brice, who joined the Standard Oil Company (New Jersey) in 1926 as a geologist, has been elected president of the Carter Oil Company, a wholly owned subsidiary. He succeeds O. C. Schorp, who is retiring from active duty with the company.

Maxwell Dauer, chief of the Special Projects Branch of the Army Medical Research and Development Board, has been awarded an associate fellowship in the American College of Radiology. He is the first Army Medical Service Corps officer to be given the honor. Colonel Dauer served during World War II on the staff of atomic physicists assigned to the Manhattan District. He also was commanding officer of the now defunct Army School of Roentgenology in Washington during the early part of the war.

T. H. Dunkelberger has assumed his duties as professor of chemistry and administrative officer of the Chemistry Department at the University of Pittsburgh. He was formerly professor and head of the Chemistry Department at Duquesne University.

Austin Manindra Nath Ghosh, superintending geologist in the Geological Survey of India, is engaged in a three-month study of mineralogical and petrological research and educational centers in the U. S. Mr. Ghosh has been employed in the Geological Survey of India since September 1924, and as superintending geologist, supervises the field work, both mapping and mineral investigations, of the officers of the Eastern and North Eastern circles, engaged in a special study of the zones of progressive metamorphism in the Sikkim Himalaya. Also in this country

for an equal period is **Mulk Raj Sahni**, who will carry out research at the USGS and visit museums and educational centers. He was appointed assistant superintendent, Geological Survey of India in 1929, and is now superintending geologist in charge, Northern Circle. Mr. Sahni, founder-president of the Paleontological Society of India, is especially interested in invertebrate paleontology and stratigraphy.

P. Hariharan, of the National Physical Laboratory, New Delhi, is now attached to the National Research Council of Canada Division of Physics as the first research fellow under the Colombo Plan.

Harvard Medical School recently announced the appointment of **Arthur T. Hertig** as Shattuck professor of pathological anatomy, to succeed **S. Burt Wolbach**, who occupied this professorship from 1922 until his retirement in 1947. Dr. Hertig is pathologist and senior obstetrician at the Boston Lying-In Hospital and pathologist at the Free Hospital for Women. **Paul C. Zamecnik** has been appointed assistant professor of medicine at the Massachusetts General Hospital, where he has been serving as associate physician. He is also associate physician at the Homberg Infirmary of the Massachusetts Institute of Technology, and scientific consultant to the Beverly Hospital Research Foundation.

Charles E. Kellogg, chief of the Soil Survey Division, ARA, and vice president and chairman of the Section on Agriculture, AAAS, was honored at the New Zealand Embassy when he was presented with a carved Maori box. The gift, from a group of soil scientists in New Zealand, was in recognition of Dr. Kellogg's interest and help to soil scientists of that country.

Vern O. Knudsen, dean of the Graduate Division and chairman of the Administrative Committee on the Los Angeles campus of the University of California, is visiting Europe and the Near and Middle East. While in Europe, Dr. Knudsen will investigate the acoustics of the Royal Festival Concert Hall in London and the Roman theaters in southern France. He will also visit the American University at Beirut to study the possibility of establishing a curricula of Near and Middle East studies at UCLA.

L. Jackson Laslett has been granted a year's leave of absence from the Ames Laboratory of the Atomic Energy Commission and Department of Physics, Iowa State College, to assume the duties of branch head in the Nuclear Physics Branch of the Office of Naval Research.

Walter Leighton and **Simon H. Herzfeld** were recently appointed consultants for the Office of Scientific Research of the Air Research and Development Command at Baltimore, Md. Dr. Leighton is on leave from his position as chairman of the Department of Mathematics at Washington University. Dr. Herzfeld, who has joined the OSR Chemistry Division,

was until recently at the University of Chicago, where he conducted research in synthetic rubber for the Office of Rubber Research, RFC.

Lawrence Litchfield, Jr., has been elected president of Alcoa Mining Company, New York City, and of Surinaamsche Bauxite Maatschappij, Paramaribo, Suriname, both subsidiaries of Aluminum Company of America. He succeeds **Frank B. Cuff**, who has retired. Mr. Litchfield, who has been serving as vice president, has had 27 years' service with the company. Mr. Litchfield is also president and director of Alcoa Exploration Company. Mr. Cuff, born in Manchester, England, joined Republic Mining and Manufacturing Company (now Alcoa Mining Company) and Surinaamsche Bauxite Maatschappij in 1916 as accountant. He subsequently was treasurer, vice president, and president of both companies, attaining the latter position in 1937. In recognition of Mr. Cuff's interest in and contribution to the development and progress of Suriname, he was decorated in May by Queen Juliana of Holland, being made an officer in the order of Oranje-Nassau.

W. T. Marshall, professor of engineering in the University of St. Andrews since 1946, has been appointed regius professor of civil engineering in the University of Glasgow, succeeding the late **Gilbert Cook**.

David A. Munro, who until recently was a practicing veterinarian, has joined the West Virginia University faculty as an assistant professor and assistant animal pathologist. A graduate of Ontario Veterinary College, he formerly was employed by the Health of Animals Branch of the Dominion of Canada.

Julian S. Nichols, a senior in physics at West Virginia University, is the first winner of a scholarship established last spring by the Radio Corporation of America in honor of its vice president and technical director, **Charles B. Jolliffe**. Dr. Jolliffe is a native West Virginian and a university alumnus.

James R. Shaw has been appointed chief, Division of Hospitals, USPHS. Formerly medical officer in charge of the USPHS Hospital, Detroit, Dr. Shaw succeeds **G. Halsey Hunt**, who was recently named associate chief, Bureau of Medical Services. As chief of the Division of Hospitals, Dr. Shaw will have charge of the 22 hospitals, 19 out-patient clinics, and over 100 out-patient offices operated for the beneficiaries of the Public Health Service.

Hardy L. Shirley, of Syracuse, has been appointed dean of the State University of New York's College of Forestry at Syracuse. He has been acting dean since Jan. 1 and previously was assistant dean. His predecessor, **Joseph S. Illick**, has been named dean emeritus. He headed the college for six years, beginning in 1945.

At the Harvard School of Dental Medicine **Reidar F. Sognaes**, associate dean, has been appointed

Charles A. Brackett professor of oral pathology, succeeding **Kurt Thoma**, who retired in 1950. Dr. Sognnaes also serves as consultant to the Forsyth Dental Infirmary for Children, and to the National Institute for Dental Research, USPHS. **David Weisberger** has been appointed professor of dental medicine. He will continue his clinical practice as oral surgeon and chief of the Dental Service at Massachusetts General Hospital, and as associate stomatologist of the Children's Hospital in Boston.

Paul Ward, holder of the University of Wisconsin Science Writing Internship 1951-52, has joined the staff of the U. S. Department of Agriculture's Bureau of Agricultural and Industrial Chemistry in Washington, where he will work under F. L. Teuton in the Information Division. The UW Science Writing Internship, a joint project of the Graduate School and the University News Service, is the only program for science writing training of its type in the country.

Jerome B. Wiesner, professor of electrical engineering and associate director of the Research Laboratory of Electronics at Massachusetts Institute of Technology, has been appointed director of the laboratory. He succeeds **Albert G. Hill**, who is on leave of absence from the department of physics, and who has been appointed director of the Lincoln Laboratory, an electronic research project operated by MIT for the Department of Defense.

Charles G. Wilber, formerly of St. Louis University, has joined the Chemical Corps Medical Laboratories at the Army Chemical Center, Md. Dr. Wilber has led five expeditions into the Arctic in his research on the physiology of men and animals in the polar regions, four of them under the sponsorship of the Arctic Institute of North America while he served as director of St. Louis University's biological laboratories. Dr. Wilber has been studying arctic problems ranging from the general physiology of arctic animals to advising on diets and clothing for American troops who are or will be stationed in arctic regions.

Education

The **University of Illinois and Allahabad Agricultural Institute**, supported by TCA and Ford Foundation funds, will exchange staff members annually, beginning this fall. Major emphasis will be given to agriculture and home economics, but other subjects may also receive attention. H. C. M. Case is director of the program.

The **University of Michigan and the University of the Philippines**, financed by MSA funds, will cooperate in the establishment of an Institute of Public Administration. John Lederle, director of Michigan's own institute, has gone to Manila to start organizing the program. Instructors will be furnished by the University of Michigan and other educational institutions.

New York University will offer the M.Sc. degree in metallurgy for the first time with the opening of the 1952-53 academic year. The curriculum will stress metals technology and physical metallurgy and will include courses in x-ray metallography, electron theory of metals, laboratory techniques, and alloys for special temperature conditions. John P. Nielson will direct the program and a staff consisting of Irving B. Cadoff, Harold Margolin, and Polykarp Herasymenko. Adjunct professors from industry will be Fred D. Rosi and Leslie L. Seigle, of Sylvania Electric Products; Claus G. Goetzl, of Sintercast Corporation; and Morris E. Fine, of Bell Telephone Laboratories.

Northwestern University will sponsor a series of lectures during the fall quarter on "The Organic Chemistry of Natural Products" on Tuesday evenings in Lincoln Hall, on the Chicago campus. Beginning Sept. 30, the speakers will be Max Tishler, George C. Harris, Bernard Witkop, Louis F. Fieser, Robert B. Angier, F. Sanger (2 lectures), Robert W. Woodward, Marshall Gates, and Nelson Leonard. Inquiries may be addressed to the office of the University College, 339 E. Chicago Ave., Chicago 11, or to V. Georgian, Department of Chemistry, Evanston.

Grants and Fellowships

A **Louis Bothman Fellowship in Ocular Pathology** has been established at the University of Illinois College of Medicine, with funds received from Phi Delta Epsilon. The late Dr. Bothman was clinical professor of ophthalmology at the university.

The **California Planting Cotton Seed Distributors** have awarded \$10,000 to the University of California to supplement a previous grant supporting the work of Frederick T. Addicott, associate professor of botany. Dr. Addicott's work is concerned mainly with chemical defoliation, but is also devoted to field conditions affecting defoliation.

General Motors Corporation has established a graduate fellowship in electrochemistry in the University of Michigan Department of Chemistry. It provides a cash award of \$1800 to the holder and \$1000 to the university; the recipient will be nominated by the department faculty.

Merck & Co. Limited postdoctoral fellowships in the natural sciences have been awarded to S. G. A. Alivisatos, who will study enzyme systems at Bellevue under S. Ochoa; K. K. Carroll, who will study potato eelworms at the University of Cambridge, under A. R. Todd; and R. L. Kay, who will study the properties of electrolytic solutions at the Rockefeller Institute, under D. MacInnes.

The **National Multiple Sclerosis Society** has made five research grants totaling \$28,000 for projects dealing with relatively unexplored fields of basic research. Studies will be carried on at the University of Rochester Medical Center; the University of California

and the Langley Porter Clinic, San Francisco; the Jewish Sanitarium and Hospital for Chronic Disease, Brooklyn; the University of Miami; and the Neurological University Clinic, Hamburg-Eppendorf, Germany.

Parke, Davis & Company is the donor of a new multiple fellowship at Mellon Institute. The fellowship will carry on long-range investigations in synthetic organic chemistry and is headed by Alexander M. Moore, of Parke, Davis. The **Philadelphia and Reading Coal and Iron Company** has resumed its research at the institute with the operation of a new fellowship on the problems of production, preparation, transportation, marketing, and utilization of anthracite, both as a fuel and as a source of chemicals. James H. Black has been appointed to do the research.

Playtex Park Research Institute has renewed its grant to the Roscoe B. Jackson Memorial Laboratory for a continuation of the studies of Paul Sawin on mice and rabbits with neuromuscular abnormalities.

For the second quarter of 1952 the **Rockefeller Foundation and General Education Board** have made grants totaling about \$10,000,000 for educational and scientific research programs. Largest amount was \$2,000,000, given to the National Bureau of Economic Research, in lieu of further grants for general support of the bureau, which has already received more than \$5,000,000 from the foundation and the Laura Spelman Rockefeller Memorial. Other large grants were \$100,000 to McLean Hospital, an affiliate of Massachusetts General Hospital, for support of research in brain chemistry; three grants totaling \$121,000 to the University of California; \$150,000 to the Allahabad (India) Agricultural Institute; \$142,800 to Keio University, Tokyo, for the further development of the Japan Library School; \$100,000 to the National Research Council toward the expenses of the Commission on Human Resources and Advanced Training, under the direction of Dael Wolfe. Grants were also made for purchase of research equipment, assistance to individuals, or travel in various countries.

In the Laboratories

A new **Arthritis Laboratory**, devoted to research in rheumatology, has been organized in the Boston Dispensary, a unit of the New England Medical Center, Boston, by Tufts College Medical School. It will supplement the Arthritis Clinic and the recently organized Tufts Arthritis Service at Holy Ghost Hospital, Cambridge, Mass. Edward H. Frieden, of the Harvard Biological Laboratories, has been appointed chief biochemist.

Bjorksten Research Laboratories have established an office in Washington, D. C., under the direction of James W. Perry, past chairman of the American Chemical Society Division of Literature Chemistry. The new office will function principally as a center

for literature research in the libraries of the Patent Office, the Library of Congress, and other Washington depositories.

The **Jena Glass Works Schott & Gen.**, aided by capital from the U. S. under the Marshall Plan, have erected a new plant near Mainz. The Jena plant was originally liberated by U. S. Armed Forces, and about 180 of the top personnel, evacuated to the Western Zone of Germany, have rebuilt and put into operation smaller plants there. It was from this nucleus that the new plant was built.

The new **Maritime Regional Laboratory** of the National Research Council of Canada, built on the campus of Dalhousie University, was officially opened June 16. At a Symposium on Scientific Research in the Maritime Provinces, J. H. L. Johnstone, C. W. Argue, H. D. Smith, S. A. Beatty, and J. Keyston spoke.

Olin Industries, Inc., has announced the appointment of John J. O'Neill, Jr., as manager of the Research and Development Department of the Explosives Division.

Meetings and Elections

The **American Academy for Cerebral Palsy** will hold its annual meeting in Durham, N. C., Oct. 2-4. Scientific sessions will be held at the Cerebral Palsy Hospital, Duke University, and will be open to all interested physicians.

The **American Association of Cereal Chemists** will hold its annual trisection meeting at Kansas State College Oct. 10-11. The meeting will feature a symposium on the use of x-ray for wheat inspection and one on biological oxidation and reduction.

The **American Society for Quality Control** will hold its sixth New England Conference at the Sheraton Hotel, Worcester, Mass., Oct. 3-4. Manufacturing plants in the vicinity will be visited, and a variety of outstanding speakers will speak on the many phases of quality control.

A **Centennial Conference on Industrial Research** will be sponsored by Armour Research Foundation of Illinois Institute of Technology Sept. 9. Harry A. Winne, of General Electric, will speak at the conference luncheon and participate in an afternoon panel session, at which William A. Casler will act as moderator. James Shennan, of Elgin National Watch Company; Howard Turner, of Pittsburgh Consolidation Coal Company; and A. Allan Bates, of the Portland Cement Association, will also take part in the panel discussions.

An international conference on the **Endemiology of Cancer of the Lung** was held in Louvain July 21-24, under the auspices of WHO, Unesco, the Committee on Geographical Pathology of the International Cancer Research Commission, and the Committee of the International Organization of Medical Sciences. Official U. S. representatives were Harold F. Dorn,

Cuyler Hammond, Morton Levin, William Smith, Harold L. Stewart, and Paul E. Steiner.

The **Meteoritical Society** will hold its 15th meeting at the Institute of Meteoritics of the University of New Mexico Sept. 2-4, at which time the new quarters of the institute in the recently completed Physics-Meteoritics Building will be dedicated.

The **National Association of Science Writers** has elected Volta Torrey, editor of *Popular Science Monthly*, president, and Arthur J. Snider, of the *Chicago Daily News*, vice president. Alton L. Blakeslee, of the Associated Press, was re-elected secretary-treasurer, and Herbert B. Nichols, USGS, continues as AAAS Council representative.

The **New Zealand Soil Bureau** has appointed Norman H. Taylor director, succeeding L. I. Grange, who has accepted a position as director of the Geological Survey. J. K. Dixon succeeds Mr. Taylor as assistant director. Both men were recent visitors to the U. S.

Miscellaneous

The **Academy of Natural Sciences**, Philadelphia, announces the following appointments: Robert R. Harry, of the California Academy of Sciences, as assistant curator of fishes, and Harold W. Harry and Matthew H. Hohn, to the Department of Limnology.

Air Pollution Control Association is the new name of the Air Pollution and Smoke Prevention Association of America, Inc.

The **Department of State** has assigned William W. Greulich, of the Department of Anatomy, School of Medicine, Stanford University, and Richard T. Arnold, of the Department of Chemistry, University of Minnesota, to the Office of the U. S. High Commissioner for Germany at Bonn, to serve as science advisers. Harald H. Nielsen, of the Department of Physics, Ohio State, has been assigned as science attaché to the embassy at Stockholm, replacing Wm. L. Doyle, who will return to his post at the University of Chicago this fall after serving at the embassy since July 1951.

The **Institute for Atomic Research**, Iowa State College, has had the following visitors recently from abroad: E. P. George, of Birkbeck College, London University, who spoke at a special physics seminar; and Emile Pruvot, Raymond Chevigny, and Charles Roy, of Pechiney, the French aluminum trust, who participated in a seminar on Rare Earths and Unusual Metals.

The official U. S. delegates to the **International Grassland Congress**, being held at Pennsylvania State College this week, are Philip V. Cardon, William A. Minor, Mason H. Campbell, Wilbur G. Carlson, Leroy E. Hoffman, Malcolm H. Jones, Gerald M. Kerr, and Arthur S. King.

The new **FAO David Lubin Memorial Library** was formally opened in Rome June 10. Honor guests were

the children and the secretary of David Lubin, founder of the Institut International de l'Agriculture and of its library of some 350,000 publications, which now forms the most substantial part of the new library.

The **National Bureau of Standards** is setting up a comprehensive punch-card catalogue of all available data on the infrared spectra of organic and inorganic compounds, under the sponsorship of the National Research Council. The first cards, containing data on 45 compounds, are now being made available on a subscription basis. Data will be printed on key-sort cards, IBM cards, and letter-size paper. E. Carroll Creitz, of the bureau staff, is in charge of the compilation.

Under contract with the **National Science Foundation**, Columbia University has undertaken a series of studies expected to result in the compilation of a new, comprehensive Russian-English scientific dictionary. The foundation has allocated \$39,300 for a systematic survey of existing dictionaries, and development and testing of methods for compiling lists of words for which definitions are required. A steering committee consists of Ernest J. Simmons, Philip E. Mosely, I. I. Rabi, John Turkevich, and V. Rojansky. Dr. Rojansky, of the Department of Physics, Union College, will be on leave of absence to direct the project.

New journals received: *The British Journal of Delinquency*. Official organ of the Institute for the Study and Treatment of Delinquency. Quarterly; Vol. 1, No. 1, Oct. 1950. \$4.25 per year, from the institute, 8 Bourbon St., Davies St., London, W. 1. . . . *Building Research in Canada*. Division of Building Research, National Research Council, Ottawa, Canada. Vol. I, No. 1, June 30, 1951. . . . *Bulletin, Centre Roumain de Recherches* (French). Quarterly; Vol. I, No. 2, Feb. 1952 (mimeo.). 50¢ per copy, U.S. 28, rue Serpente, Paris 6°. . . . *La Clinica Terapeutica* (Italian). Monthly; Vol. 2, No. 1, Jan. 1952. 3000 lire. Societa' Editrice Universo, Viale Universita', N. 27, Rome. . . . *Czechoslovak Journal of Physics*. Vol. 1, No. 1, Oct. 1, 1952. Centre of Research and Technical Development-Central Institute of Physics, Prague. . . . *Hiroshima Journal of Medical Sciences*. Vol. 1, No. 1, Dec. 1951. Hiroshima Medical College, Aga-Machi, Kure-City, Hiroshima-Prefecture, Japan. . . . *The Indian Journal of Child Health*. Monthly; Vol. I, No. 3, March 1952. Rs. 15, foreign. The Association of Pediatricians of India, Back-Bay View, New Queen's Road, Bombay 4. . . . *Instrument Engineer*. Devoted to measurement and automatic control in industry. Semiannual; Vol. 1, No. 1, April 1952. 5s. per year. George Kent Ltd., Luton, Bedfordshire, Eng.

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