

Publications

The National Bureau of Standards has published an annotated bibliography on **soft x-ray spectroscopy**, which contains a list of approximately 550 references on pertinent literature for 1950-60. Emphasis is on application of soft x-ray spectroscopy to the study of valence band electronic states in metals and alloys; references on apparatus and experimental problems are also included, as are references which help corroborate soft x-ray data with other results. (Superintendent of Documents, Government Printing Office, Washington 25, D.C. \$1. Order NBS Monograph 52)

A comprehensive guide to the uses of **water resources** in the U.S. has been prepared by Water Information Center, Inc. *Water Atlas of the United States* presents state-by-state information on precipitation, streamflow, evaporation, and other facts important to the understanding of water resources. The atlas contains 40 color maps, all of equal size and mileage scale. (Water Information Center, Inc., 60 East 42 St., New York 17. \$6.95 plus mailing charges)

The proceedings of the symposium on **plant embryology** (Delhi, India; 11-14 November 1960) are now available. The 274-page publication includes 29 papers covering descriptive, developmental, phylogenetic, comparative, and experimental aspects of embryology, and special modes of reproduction. (Under Secretary, Publications Directorate, Council of Scientific and Industrial Research, New Delhi, India)

Scientists in the News

Donald M. Swingle, meteorological division, U.S. Army Electronics Research and Development Laboratory, Ft. Monmouth, N.J., has been named chairman of the National Task Group for Meteorology, part of the federal government's interdepartmental committee for atmospheric science.

A. Robert Goldfarb, formerly associate biochemistry professor, Chicago Medical School, has been appointed chief, section of biochemistry, research division, Sinai Hospital, and associate professor of biochemistry, Wayne State University Medical School, Detroit, Mich.

Charlotte Campbell, former chief of the medical mycology section, bacteriology department, Walter Reed Army Institute of Research, has been appointed associate professor of medical mycology, Harvard University faculty of medicine.

Floyd A. Odell has become director of biomedical sciences for the Field Emission Corporation, McMinnville, Ore. He formerly was technical director of research, U.S. Army Medical Research Laboratory, Fort Knox.

François Chapeville, biochemist working at Saclay Nuclear Research Center, near Paris, has been awarded the Charles Leopold Mayer prize for his research on the role of "adaptors" in the transcription of genetic information by ribonucleic acid.

Max Schlamowitz, of Roswell Park Memorial Institute, has been named associate professor of microbiology at Baylor University College of Medicine.

British scientists who plan to visit the U.S. during the coming year:

P. M. A. Rabbitt, of the Medical Research Council, Applied Psychology Research Unit, Cambridge, will spend 1963 at the National Institutes of Health, Bethesda, Md.

H. A. Johnston, member of the Population Genetics Research Unit of the Medical Research Council, Oxford, plans to attend the meeting of the Pan American Sanitary Bureau, in Washington, D.C., 5-7 January before traveling to Panama, Mexico, and Colombia, in connection with a survey on congenital malformations.

D. N. Rhodes, principal scientific officer, Low Temperature Research Station, Cambridge, will be in the U.S. 7-19 January. He will attend the International Conference on Radiation Research, Natick, Mass., and visit Seattle, Wash.; Corvallis, Ore.; Davis, Calif.; San Francisco, Calif.; and Washington, D.C.

James C. Elms, formerly director of space and electronics programs at Ford Motor Company's aeronautic division, has been appointed deputy director for development and programs at NASA's Manned Spacecraft Center, Houston, Texas, effective January 1963. He has been succeeded at Ford by **Charles H. Sword**, previously manager of the contract administration office.

John H. Carter, former president of Itek Laboratories, has been elected president and chief executive officer of Allied Research Associates, Inc., Concord, Mass.

Wilfred A. Gibson, chief, statistical research and consultation unit, Army personnel research office, has been appointed psychology professor at Queens College, New York.

J. Martin Cross, of the Verona Pharma Chemical Corporation, Newark, N.J., has been named group leader of organic synthesis research at the Mobay Chemical Company laboratories, New Martinsville, W.Va.

Derrick T. Vail, professor of ophthalmology and chairman of the department, Northwestern University medical school, has been elected next president of the International Ophthalmological Congress.

John P. Hagen, associate director for long-range planning of the National Aeronautics and Space Administration, has resigned to become professor of radio astronomy at Pennsylvania State University. He plans to continue as a consultant to NASA.

Willis W. Wagener, senior forest pathologist with the U. S. Forest Service experiment station, Berkeley, Calif., has retired after 42 years with the United States Department of Agriculture. He will serve as a consultant to the station.

Recent Deaths

Lucy W. I. Bassett, 54; assistant biology professor, Loyola University, Los Angeles; 29 Nov.

J. Wallace Graham, 56; president, Toronto Academy of Medicine.

Paul D. Lamson, 78; professor emeritus and retired chairman, department of pharmacology, Vanderbilt University school of medicine; 3 Oct.

Curtis C. McDonnell, 87; retired chief chemist, Department of Agriculture insecticide division; 15 Dec.

Erratum: In the report "Increased sensitivity of taste and smell in cystic fibrosis" by R. I. Henkin and G. F. Powell [*Science* 138, 1107 (7 Dec. 1962)], the range given in column 7 for detection thresholds for taste of HCl among normal volunteers should have been 0.8-6, not 0-6 mmole/liter.

Erratum: In the letter "Time Dilatation" by L. O. Pilgeram [*Science* 138, 1180 (7 Dec. 1962)] the term *light process* in the last line of column 1 should have been *life process*.