News Notes

Dr. G. F. Warren, Professor of Horticulture at Purdue University, is spending 6 months on a sabbatical leave beginning in April 1971. Most of this time is being spent in research at the Kinsealy Research Center, Dublin, Ireland, and the Keith Turnbull Research Station, Victoria, Australia. In addition, Dr. Warren is making short visits and lecturing in Germany, Czechoslovakia, Greece, Kenya, Thailand, Hong Kong, New Zealand, and Hawaii.

Dr. G. R. Stephenson and Dr. R. Frank, weed scientists at the University of Guelph, have been appointed to serve on the Ontario Pesticides Advisory Committee.

Mr. C. Dwain Altman, weed scientist at the University of Maryland, was killed April 23 in a car accident near Salisbury, Maryland. The University of Maryland Department of Horticulture has established a memorial fund in honor of Mr. Altman, to which contributions are tax deductible.

Charles Stanger, Jr., who recently received his PhD degree in Weed Science in the Farm Crops Department, Oregon State University, was named the "Outstanding Graduate Student in Biological Sciences" by Phi Sigma, honorary biology society. Dr. Stanger has accepted a position as research agronomist with Spreckles Sugar Company, Chandler, Arizona.

Jack Aldridge has accepted a position with Nor-Am Co. and will be working in California with herbicide development and marketing. Mr. Aldridge recently finished his M.S. degree in Weed Science in the Farm Crops Department, Oregon State University.

Floyd Colbert recently completed his PhD degree in Weed Science in the Farm Crops Department, Oregon State University. Dr. Colbert has joined the herbicide research team at Eli Lilly Company at Greenfield, Indiana.

Mr. W. R. Haller completed requirements for the M.S. degree in Weed Science at the University of Florida. He elected to continue graduate work in aquatic weed science in a PhD program in the Agronomy Department, University of Florida.

Authors of manuscripts submitted for publication in WEED SCIENCE are urged to comply with "Directions for Contributors to WEED SCIENCE" as currently published on the inside cover of each issue. Note that all units of measurement should be expressed in metric units. Also, manuscripts should be submitted on bond paper with numbered lines. Following these Directions will allow more rapid review of individual manuscripts.

Clemson University agricultural research scientists — with a grant of $109,000 from the Cooperative State Research Service of the U. S. Department of Agriculture — plan to use the computer in an effort to develop an improved weed control program in cotton. They hope to develop, through use of field data and computerization, a mathematic modeling system to predict growth patterns of weeds and how to control weeds in cotton fields with smaller amounts of herbicides than are now considered necessary. Drs. T. H. Garner and J. R. Lambert of the Clemson Agricultural Engineering Department are co-leaders for the project. Also contributing will be Drs. B. J. Gossett and C. E. Rieck of Agronomy, and Dr. B. K. Webb of Agricultural Engineering, all of Clemson University.

A new Weed Science Facility at the University of Nebraska at Lincoln was dedicated April 23, 1971, according to Dr. O. C. Burnside of the University of Nebraska. Several noted speakers appeared on the dedication program, including Dr. D. L. Klingman, President of the Weed Science Society of America, who spoke on the challenges and requirements of modern weed research. This Facility consists of a 30 by 117-foot headhouse and a 35 by 97-foot greenhouse, the latter heated or cooled as needed for 12-month operation. The Facility, built at a cost of $175,000, is used by the Weed Science personnel at the University of Nebraska at Lincoln for research, teaching, and extension.

The Washington State Weed Conference will hold its annual meeting at the Chinook Hotel, Yakima, Washington, on November 3 to 5, 1971, according to Dr. W. C. Robocker of Washington State University. The Secretary of the Washington State Weed Association, which sponsors the Conference is Mr. Jack Warren, 3 N. 7th Avenue, Yakima, Washington 98902.

New Books

Chemical Mutagens: Principles and Methods for their Detection. 1971. A. Hollaender, Editor. Plenum Press, 227 West 17th St., New York, N. Y. 10011. Sponsored by the Environmental Mutagen Society, this book is available now from book dealers. The two-volume set represents the first guide and handbook to further studies intended to avert significant human exposure to mutagenic agents. Volume I describes the effects and detection of mutagenesis in DNA and virulent bacteriophages and their relation to teratogenesis and carcinogenesis. Volume II presents detailed descriptions of the latest methods for detecting mutagenicity. It also deals with the measurement of the genetic effects of mutagenic treatment on growing cultures, microorganisms, and plant and mammalian germ cells, the types of mutations induced, the molecular mechanisms responsible, and the test systems for their detection. These volumes sell for $17.50 each, or $30.00 per set.

Pesticides in the Environment. Volume 1, Part I. 1971. Robert White-Stevens, Editor. Marcel Dekker, 95 Madison Avenue, New York City. This book brings together the

concepts of authorities from various specialized disciplines related to the control of pests in the environment by use of registered chemicals. It presents in objective terms the properties, functions, utilities, and contributions of pesticidal chemicals. This book is available from the publisher for $23.50 per copy.

Phloem Transport in Plants. 1971. Alden S. Crafts and Carl E. Crisp. W. H. Freeman and Company, San Francisco. Drs. Crafts and Crisp have brought together the most complete analysis of phloem transport available in one source. These authors draw some new conclusions about the physical and chemical factors associated with the transport of solutes in phloem tissues; they also lay a foundation for the eventual explanation of the mechanism that facilitates movement in all plant tissues. A detailed analysis is presented of the structure of phloem, the mechanism of phloem transport, and the phenomenon of phloem plugging. Environmental influences upon translocation are discussed. Available from the publisher at $12.50 per copy.

Correction

In the Metric System Listing on page 481 of the July 1971 Issue of Weed Science, the equivalent for pound per gallon was given incorrectly. Instead of 8.337, the correct equivalent is 0.12 kilograms per liter.

Sheets New WSSA Editor

Dr. T. J. Sheets, North Carolina State University at Raleigh, has accepted appointment as WSSA Editor, effective December 1, 1971. This is an important and demanding assignment for our Society. After November 30, 1971, manuscripts submitted for publication in WEED SCIENCE should be addressed to Dr. Sheets.

Dr. E. G. Rodgers, present WSSA Editor, has resigned effective November 30, 1971, to devote time to the Office of Vice President of the Weed Science Society of America. Earl was elected Vice President in February 1971. The journal, WEED SCIENCE, has continued to improve in quality and size under the enlightened and vigorous leadership provided by Dr. Rodgers during the last 6 years. We now print six issues of WEED SCIENCE per year instead of four. Almost 2 years ago, Dr. Rodgers recruited four associate editors to share the heavy editorial burden. The Society owes Dr. Rodgers a great debt for his dedicated and talented service as Editor. At the same time, the Society acknowledges the service of the associate editors and the many members of the Editorial Board who also spend countless hours critically reviewing scientific papers offered for publication in WEED SCIENCE. — D. L. Klingman, President, Weed Science Society of America.