



NEWSLETTER

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Annual Meeting - The Annual Meeting of the Society will be a joint meeting held in conjunction with the Pharmacognosy and Natural Products Section of the Academy of Pharmaceutical Sciences and will be held July 16-20, 1973 at the Atlantic Carriage Inn, Jekyll Island, Georgia.

The Symposium, entitled "BIOTRANSFORMATIONS AND FERMENTATIONS", will be presented on Monday, Tuesday and Wednesday mornings while the contributed papers will be presented on Monday, Tuesday and Thursday afternoons as well as on Thursday and Friday mornings. Wednesday afternoon is to be free.

Symposium Topics

- "Microbial Transformations of Antibiotics" - Dr. Oldrich Sebek (The Upjohn Co.)
- "Microbial Production of Pharmacologically Active Compounds Other than Antibiotics" - Dr. Donald Brannon (Eli Lilly and Co.)
- "Biochemistry of Penicillin and Cephalosporin Fermentation" - Dr. Arnold Demain (Massachusetts Institute of Technology)
- "Degredation of Aromatic Compounds in Plants" - Dr. Brian Ellis (Trent University)
- "Biotransformations in Plant Tissue Cultures" - Dr. Warren Steck (National Research Council of Canada)
- "Control of Production of Useful Products by Pituitary Tumor Cells" - Dr. Patricia Hinkle (Harvard University)
- "Biotransformations in Mammals -- A Perspective" - Dr. Robert McMahon (Eli Lilly and Co.)
- "Alkaloids in Mammalian Systems" - Dr. Sidney Teitel (Hoffman-LaRoche)
- "Metabolic Formation and Disposition of Arnene Oxides" - Dr. Donald Jerina (National Institute of Health)

Deadline for submission of abstracts of original research is June 1, 1973 and abstracts should be sent to Dr. S. J. Stohs, College of Pharmacy, University of Nebraska, Omaha, Nebraska 68105.

Society for Economic Botany - The 14th Annual Meeting of the Society for Economic Botany will be held June 12-15, 1973 at Cornell University under the sponsorship of the L. H. Bailey Hortorium. In addition to contributed papers, there will be a symposium on "The Natural History and Utilization of Palms" to be held on the third day of the meetings.

Korean Society of Pharmacognosy - Two symposia have been held by the Korean Society of Pharmacognosy during the past year. The first, "Symposium on Development of Oriental Drugs", was held in June and the second, "Symposium on Ginseng Preparations", was presented in November. The following slate of officers was elected at the fourth annual meeting of the Society held at the Institute of Hygiene, Seoul Metropolitan Government:

President: Dr. Dug Ryong Hahn (Chung Ang University)
First Vice President: Dr. Yong Joo Lee (Sung Kyun Kwan University)
Second Vice President: Dr. Kyung Soo Ryu (Kyung Hee University)
Secretary: Dr. Il Hyuk Kim (Chung Ang University)
Planning Secretary: Dr. Seung Jo Yu (Sung Kyun Kwan University)
Science Secretary: Dr. Nak Doo Kim (Seoul National University)
Treasurer: Prof. Hyung Joon Chi (Seoul National University)
Editor: Dr. Byong Kak Kim (Seoul National University)

Plant Tissue Culture Congress - The Third International Congress of Plant Tissue and Cell Culture is to be held in Leicester, England, July 21-26, 1974. Interested parties may obtain further information by writing to Botanical Laboratories, University of Leicester, Leicester LE1, 7RH, England.

Phytochemical Society of North America - The annual meeting of the Phytochemical Society of North America will be held August 8-10, 1973, at the Conference Grounds in Asilomar State Park, Pacific Grove, California. The symposium topic will be "Biochemistry of Secondary Plant Products: Their Metabolism and Regulation".

Necrology - Dr. Douglas C. Harrod has written, "It is with deep regret that we inform you of the death on 7th March 1973 of Dr. T. E. Wallis in his 97th year. With his death we come to the end of an era during which he had molded the study of Pharmacognosy into a scientific discipline. He was a great stickler for scientific truth, accuracy of observation and attention to detail, facts which stand out from his books and research papers. A most kindly and humane man who was always willing to help from his vast store of knowledge and who will be sadly missed by those who had the privilege of knowing him." We mourn, with our British colleagues the passing of an era with the death of Dr. Wallis.

Honors - Professor Maynard W. Quimby has recently been elected a Fellow of the Linnean Society of London and will attend the ceremony of admission in the Society's rooms, Burlington House, London on May 24th.

The President and Fellows of Harvard College announced the election of Dr. Richard E. Schultes as the first Paul C. Mangelsdorf Professor of Natural Sciences, a newly established chair.

Julia Morton, director of the Morton Collectanea, University of Miami has been awarded the honorary Doctor of Science Degree at the Florida State University, Tallahassee.

Proselytize - Enclosed with this copy of the Newsletter is an application form for the American Society of Pharmacognosy. This is included for the many members who have expressed a desire to extend an invitation to the Society to colleagues or students but who have not had the necessary form available. Feel free to make copies of it and step out of the laboratory and sign up those colleagues and/or friends who have been battering at your door for these last few months wishing a chance to join the Society. For the benefit of our esteemed Secretary, Dr. Wier, who always chides the Editor about his spelling, I submit the following from Rogert's Thesaurus: "Proselytize, v, persuade, convert, brainwash".

Grants - Dr. Norman R. Farnsworth, College of Pharmacy, University of Illinois, has received the following grants: "Isolation of Antitumor Agents from Natural Products"- National Institutes of Health - National Cancer; "Preparation of Selected Plant Literature Bibliographies" - United States Department of Agriculture and "Identification of Certain Principles in Cola Beverages" - Coca Cola Company. Dr. Norman J. Doorenbos, University of Mississippi, received a \$6,000 research grant from the Mississippi Universities Marine Center for an investigation of Ciguatera fish poison. Dr. C. J. Sih, University of Wisconsin, School of Pharmacy, is being supported by a \$43,000 grant from the National Institute of Arthritis and Metabolic Diseases for "Chemical-Microbiological Syntheses of Hormones" and a \$7,000 grant from the Miles Chemical Company for his studies on Prostaglandin Synthesis. Dr. D. Perlman, University of Wisconsin, received a contract for \$31,000 from the National Cancer Institute for "Analysis of Cytotoxic Substances Using Mammalian Cells in Tissue Culture" and a \$28,000 grant from the National Institute of Allergy and Infectious Diseases to study "Antibiotics from Mycoplasma Species".

Personnel - Dr. E. John Staba, University of Minnesota, has been elected to serve as chairman of the Plant Section of the Tissue Culture Association. Dr. William J. Keller has received his Ph.D. from the University of Washington and is currently assistant professor of Pharmacognosy at Northeast Louisiana University. Dr. Robert F. Raffauf, Northeastern University, has been appointed Associate Editor of Economic Botany. Dr. Stanley Scheindlin, currently Director of Research, Lemmon Pharmacal Company, presented a short course entitled "Natural Products - Their Isolation and Chemistry" under the auspices of the Center for Professional Advancement. Dr. Maynard W. Quimby, University of Mississippi, has been elected president of the Society for Economic Botany and will present papers on Cannabis sativa L. as parts of two Symposia at the AAAS meetings in Mexico City. The centenary of the appointment of Mr. E. J. Holmes as Curator of the Materia Medica Museum of the Pharmaceutical Society was marked by a Symposium on his work. Professor E. J. Shellard paid tribute to his work in a lecture given at the Pharmaceutical Society's House. Dr. Malcolm S. F. Ross has recently joined the staff of the Pharmacognosy Section of the Welsh School of Pharmacy at Cardiff. He has been National Research Development Corporation Fellow at the Tropical Products Institute of the Ministry of Overseas Development in London, working on the isolation and structural elucidation of potentially useful triterpenoids. Mr. C. S. O'Connor, Head of the Department of Pharmacognosy, College of Pharmacy, Dublin, was elected a Fellow of the Pharmaceutical Society of Ireland. He has also pioneered the commercial production of medicinal plants in Ireland. Professor J. W. Fairbain chaired a Working Group of the U.N. Division of Narcotics, on Papaver bacteatum. As some chemical races are very rich in thebaine it is hoped that this plant may ultimately replace opium as the major source of medicinal opiates, since production of heroin from thebaine would be a difficult operation for illicit operators. Dr. David V. Zaitschek, School of Pharmacy, Hebrew University of Jerusalem, retired from his post as the Head of the Department of Pharmacognosy and is currently on sabbatical leave in the U.S.A. at the Department of Chemistry, Brandeis University, Waltham, Massachusetts. Dr. Norman R. Farnsworth, University of Illinois, has been awarded the annual faculty award for excellence in research by Rho Chi Society.

Books - The following books have been brought to the attention of the Editor as volumes that might be of interest to the membership.

"The Botany and Chemistry of Hallucinogens" by R. E. Schultes and A. Hofmann (C.C. Thomas, Springfield, Ill., 1973, \$14.75). "Phytochemistry" a three volume comprehensive series covering all aspects of plant chemistry edited by Lawrence

P. Miller has been published by Van Nostrand Reinhold, Vol. I. "The Process and Produces of Photosynthesis" (\$22.50), Vol. II. "Organic Metabolites" (\$24.50), Vol. III. "Inorganic Elements and Special Groups of Compounds" (\$24.50). All three volumes are available at a subscription price of \$65.00; "Narcotic Plants" by William A. Emboden, Jr. (The Macmillan Co., 1972, \$12.95); "A Textbook of Pharmacognosy" by C. S. Shah and J. S. Qadry (Mr. B. S. Shah, 1183 Pankore Naka, Ahmedabad 1, India \$5.00); "Experiments in the Pharmaceutical Biological Sciences" a laboratory manual of selected experiments in Pharmacognosy, Microbiology and Pharmacology, edited by Marvin H. Malone and Jerry L. McLaughlin (available from Biological Sciences Section, AACP, School of Pharmacy, University of Maryland, Baltimore, Maryland 21201 \$3.50). The following information is in answer to questions about "Analytical Pharmacognosy" by Keith Brain which was reported in an earlier number of the Newsletter. The volume is currently being rewritten and will be published early next year by Roger Dudley Scientific Ltd., 62 Park Place, Cardiff CF1 3AS, Wales, U.K.

Pot Pouri - One of our members wishes to call attention to an article which will be of interest to many: "The Crude Drug Industry in North Carolina and Adjacent Areas" by G. M. Hocking and H. M. Burlage, Carolina J. Pharm. 53(1):29-37 (1973). Also noteworthy "Proceedings of the Third Food-Drugs from the Sea Conference" will be available from the Marine Technology Society in the late Spring. The Silver medal was awarded to the College of Pharmacy, University of Illinois for its exhibit "Hallucinogenic Plants: Passport to Confusion" at the 1973 Chicago Flower and Garden Show. Designed by Dr. Frank A. Crane the exhibit contained 28 different plants reported to cause hallucinations in man. Dr. John K. Brown, School of Pharmacy, University of the Pacific, Stockton, California has available for interested persons copies of the Pacific Information Service on Street Drugs Bulletin which contain an excellent mini review of Cannabis sativa written by Morris and Farnsworth.

A profound philosophy of life is reflected in the reply of a no-longer-wealthy pharmacognosist who, when asked what he had done with all his money, said: "Part of it went for liquor and fast automobiles, and part of it went for women. The rest I spent foolishly."