



NEWSLETTER

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Annual Meeting - The Annual Meeting of the Society will be held at the Ohio State University, Columbus, Ohio, July 20th thru July 22nd. Thursday, July 20th will be devoted to the symposium and banquet, with Friday and Saturday for the presentation of original research papers. The symposium is entitled: "Modern Instrumental Methods in Natural Products Research."

"The Use of Solvent Effects and Rare Earth Shift Reagents in Structure Analysis" - Paul V. Demarco, Eli Lilly and Company

"Instrumental Methods in Biosynthetic Studies" - Heinz G. Floss, Purdue University

"The Use of Chemical Ionization Mass Spectrometry in Structural Analysis" - Rodger L. Foltz, Battelle Memorial Institute

"Carbon-13 NMR Spectroscopy and Its Application to Biological Systems" - John B. Grutzner, Purdue University

"Circular Dichroism of Drugs" - Lester A. Mitscher, Ohio State University

"X-Ray Crystallography in Structural Analysis" - George H. Stout, University of Washington

Election Results - The Tellers Committee has announced the following results of the annual election:

Vice-President - William J. Kelleher
Executive Committee Member - Jack L. Beal
Amendment to Constitution and By-Laws - Passed

Society for Economic Botany - The Thirteenth Annual Meeting of the Society for Economic Botany will be held on the campus of the University of Mississippi during August 1972. Dates of the meeting are from Sunday, July 30th thru Wednesday, August 2nd.

Helsinki Symposium - The Twentieth Symposium of die Gesellschaft für Arzneipflanzenforschung will take place in Helsinki July 23-25, 1972, with the main topic to be "New Methods of Phytochemistry". All enquiries and applications concerning the meeting should be sent to: Professor Max von Schantz, Department of Pharmacognosy, University of Helsinki, Fabianinkatu 35, 00170 Helsinki 17.

British Meeting - A joint meeting of the Pharmaceutical Society of Great Britain and the Phytochemical Society entitled "Plant Constituents of Pharmacological Interest" was held at Chelsea College, University of London on January 4th. Speakers included Mr. B. Lynn, Beecham Research Lab., Professor F. Korte, University of Bonn, Dr. W. C. Evans, University of Nottingham, Dr. K. Jewers, Tropical Products Institute, London, Professor R. Hansel, Free University of Berlin, Professor N. Farnsworth, University of Illinois, and Professor E. J. Shellard, Chelsea College, University of London.

Japanese Meeting - The Annual Meeting of the Pharmacognostical Society of Japan was held at Shizuoka College of Pharmacy. Symposia were held on the cultivation of Angelica acutiloba, Panax ginseng, Gentiana lutea, Duboisia myoporoides, Swertia japonica and Phellodendron amurense. Also a number of research papers were presented.

Korean Meeting - At its Third Annual Meeting, held at the Natural Products Research Institute, Seoul National University, the Korean Society of Pharmacognosy elected the following slate of officers:

President:	Dr. Tong Gyu Chung (Sook Myung University)
First Vice-President:	Dr. Dug Ryong Han (Chung Ang University)
Second Vice-President:	Dr. Yong Joo Lee (Sung Kyun Kwan University)
Secretary:	Prof. Tae Hee Kim (Sook Myung University)
Planning Secretary:	Dr. Jae Choo Park (Seoul City Hygienic Laboratory)
Science Secretary:	Dr. Byong Kak Kim (Seoul National University)
Treasurer:	Mr. Hyung Joon Chi (Seoul National University)
Editor:	Dr. Kyung Soo Ryu (Kyung Hee University)

Grants - Drs. H. G. Floss, J. E. Robbers and P. F. Heinstejn of the Department of Medicinal Chemistry and Pharmacognosy, Purdue University, have received a \$188,000 grant from the NIH for a three-year continuation of research on the biosynthesis of ergot alkaloids. The allocation for the first year of the project is \$42,719. A \$50,000 grant from the Frascch Foundation has been awarded to Drs. R. B. Morin and R. D. Durbin, University of Wisconsin, for a five-year study of "Chemistry and Biology of a Bacterial Root-Inducing Factor". Dr. David Perlman, University of Wisconsin, has received the following grants from NIH: \$35,000, "Bio-interconversions of Clinically Useful Antibiotics" and \$28,000, "Antibiotics from Mycoplasma". He also received a \$16,000 renewal of his contract to evaluate anti-tumor preparations. From the same institution, Drs. R. B. Morin and C. J. Sih have been awarded \$48,000 to study "Penicillin Biosynthesis and Related Peptide Chemistry". National Cancer Institute has awarded a one-year research contract in the amount of \$89,165 to N. R. Farnsworth, University of Illinois at the Medical Center for "Isolation of Anti-tumor Agents from Natural Products". Drs. M. H. Malone and J. K. Brown, University of the Pacific, have received \$20,000 from the National Institute of Arthritis and Metabolic Diseases to study "Anti-Inflammatory Evaluation of Cryogenine". Dr. J. L. McLaughlin, Purdue University, has received \$11,986 from the National Institute of Mental Health to continue his studies on the "Search for New Hal-lucinogenic Cacti".

Personal - During the past year, Dr. R. E. Schultes, Harvard University, has been elected to membership of the National Academy, a fellow of the American College of Neuropsychopharmacology and a Foreign Member of the Instituto Ecuatoriano de Ciencias Naturales. He has also recently returned from a trip to Afghanistan during which he undertook a study of Cannabis. Dr. E. H. Taylor, University of Illinois, has been elected Chairman of the Pharmacognosy and Natural Products Section of the A.Ph.A. Academy of Pharmaceutical Sciences. Dr. N. R. Farnsworth, of the same institution, recently spent a month in Europe where he presented a series of lectures on the isolation and structure elucidation of anti-tumor compounds obtained from plants at Institutes and Colleges in London, Manchester, Copenhagen, Prague, Berlin, Munich, Grenoble and Paris. Another perennial traveler, Dr. H. G. Floss, Purdue University, attended the Fourth International Fermentation Symposium in Kyoto, Japan, where he presented a lecture on "Non-antibiotic Medicinal Agents of Microbial Origin". He also presented a seminar on "Biosynthetic Studies on Ergot Alkaloids", at Tokyo University, Tokyo University of Education and Kyoto University. The Department of Health, Education and Welfare announced that it would grant licenses for the use of a patented method for the production of diosgenin by Dioscorea cell cultures developed at the University of Nebraska by Drs. Staba and Kaul. Dr. E. J. Staba is now at the University of Minnesota and Dr. B. Kaul is at the College of Medicine and Dentistry of New Jersey. Dr. D. J. Slatkin has received his Ph.D. from the University of Mississippi and joined the faculty of Northeast Louisiana University. Dr. M. P. Gupta has received the Ph.D. degree from the University of Washington and is currently an Alexander von Humboldt Fellow at the Institut für Pharmazeutische Arzneimittellehre der Universität Muenchen. Dr. A. B. Segelman who recently received his Ph.D. from the University of Pittsburgh has joined the faculty of Rutgers University College of Pharmacy. Dr. K. Redman, South Dakota State University, has been elected president of the South Dakota Heart Association. Dr. W. C. Evans has been awarded the D.Sc. for his work on tropane alkaloids by the University of Nottingham. Dr. F. W. Hefendehl has recently been awarded the Carl-Mannich-Forschungstipendium. Dr. P. Takla, University of Ife, has been visiting the Welsh School of Pharmacy (Cardiff) in connection with her work on the fatty acid composition of Nigerian Oils. Ann Western of the Welsh School of Pharmacy is co-author of the chapter on "Phytohaemagglutinins" in "Chemotaxonomy of the Leguminosae" by Harborne, Boulter and Turner. Dr. D. J. Abraham, University of Pittsburgh, presented a seminar on "The Structure of Agents of Anti-tumor Interest by X-Ray Analysis at Purdue University. Dr. A. M. Debelmas, Grenoble Pharmacognosy Laboratory, together with J. Chopin, and Ph. Lebreton, University of Sciences Lyon, and T. J. Mabry, University of Texas, developed a seminar devoted to "C-glycosyl Flavonoids" which dealt with: Identification and Structure; Occurrence and Chemotaxonomic Value; Biogenesis and Flavonoids and Therapeutics. Proceedings of the seminar may be obtained from the Grenoble Pharmacognosy Laboratory - U.E.R. Pharmaceutical Sciences, Domaine de La Merci, 38-La Tronche, France.

Books - The following books have been brought to the attention of the editor as volumes that might be of interest to the membership: "The Genus Anadenanthera in Amerindian Cultures" by Siri Altschul (Harvard Botanical Museum); "Ethnopharmacological Notes in Harvard University Herbaria" by Siri Altschul (Harvard University Press); "Analytical Pharmacognosy, a Modern Approach to the Analysis of Natural Product Drug Materials" by K. R. Brain, T. D. Turner and S. L. Greensmith (1971, Roger Dudley Scientific Ltd., Cardiff, \$3.80); "Know Alaska's Mushrooms", by V. L. Wells and P. E. Kempton (Cooperative Extension Service, University of Alaska, Extn. Pub. No. 6, \$0.25); "Plantas Medicinales" by E. Perrot and R. Paris, (Presses Universitaires France, 2 Vols., 200 F.); "Precis de Matière Medicale" by

R. Paris and H. Moyse (Masson, Paris, 88F); "Pharmakognosie" by E. Teuscher (2 Vols., Akademik-Verlag [East Germany] DM 1960 or Pergamon Press); "Medicinal Plants of Taiwan" by Wen-yah Koo (obtainable from Dr. J. Y. Chiu, Superintendent, National Taiwan Hospital, 1, Chang-teh St., Taipei, Taiwan, \$2 U.S.).

Other Noteworthy Publications - "Latua pubiflora: Magic Plant from Southern Chile" by T. Plowman, L. O. Gyllenhaal and I. E. Lindgren in Bot. Mus. Leafl., Harvard University 23:61-92 (1971); the proceedings of the symposium on "Quantitative Thin-Layer Chromatography with particular reference to the flying spot system of scanning" held at the University of Loughborough have been published and are available, free of charge, from Fisons Scientific Apparatus, Loughborough LE 11 Org.

Pot-Pourri - A series of monographs dealing with the results of TLC analysis of Street-Drugs and the implications of these results have been published. To obtain a no-charge subscription and to find out if quality control on the streets is any good, write: Dr. J. K. Brown, Department of Pharmacognosy, University of the Pacific, Stockton, California 95204. Dr. R. E. Schultes has found, in his ethnobotanical research with the archaeologist Dr. H. Wassen and Dr. B. Holmstedt, that 1,600-year old leaves of Ilex guayusa found in a Bolivan tomb still contain caffeine. One wonders, when the various time capsules are opened, if our instant coffee will fare as well.

More Abstracts from "Scientific Definitions by a Genius Who has Read One Too Many Research Papers":

"Unusually High Purity...Composition unknown except for the exaggerated claims of the supplier".

"Missing Data...Specimens were ruined when they accidentally fell on the floor".

"Handled with Extreme Care During the Experiments...not dropped on the floor".

"Typical Results are Shown...Only the best results are reported".

"Three of the Samples Were Chosen for Detailed Study...as the results on the others made no sense they were ignored".

Recently a letter came across the editor's desk stamped "Warning! If you throw this in your wastebasket unopened, a capsule of water inside will break, spilling on to a dehydrated boa constrictor. He will then crawl out of the envelope and crush you to death." Evidently this is what is happening to the Newsletter. Since the vast majority do not use the report sheet sent with the Newsletter, I must assume this is what is happening - it can't be due to the lack of interest. Unless there is an increase in the number of reports, the next issue will carry on the envelope "Warning...".