



# NEWSLETTER

J. E. Robbers

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Officers for 1968-69. With the election of Heber W. Youngken, Jr., University of Rhode Island, as vice president (president-elect) and Norman R. Farnsworth, University of Pittsburgh, as member of the Executive Committee, the roster of officers for the next year is complete. Officers to be installed at the 1968 meeting in Iowa City will be President: Elmore H. Taylor, University of Tennessee; Vice President: Heber W. Youngken, Jr.; Secretary: Rolf S. Westby, Eli Lilly and Company; Treasurer: Leonard R. Worthen, University of Rhode Island; Executive Committee: Norman R. Farnsworth, University of Pittsburgh; William J. Kelleher, University of Connecticut; and E. John Staba, University of Nebraska.

Annual Meeting. David P. Carew, University of Iowa, reports that the 1968 annual meeting of the American Society of Pharmacognosy will be held at the University of Iowa, Iowa City on July 23-26. A symposium on "Recent Advances in the Biosynthesis of Natural Products" will feature several outstanding speakers. These will include, among others, the following: M. H. Zenk, University of Munich, "Biosynthesis of Quinones"; Eric Conn, University of California-Davis, "Biosynthesis of Cyanogenetic Glycosides and Mustard Oil Glycosides"; Erich Heftmann, California Institute of Technology, "Biosynthesis of Plant Steroids"; Egil Ramstad, Purdue University, "Biosynthesis of Ergot Alkaloids"; Arnold Demain, Merck, Sharpe and Dohme, "Regulation of Secondary Metabolism."

In addition to the symposium, original research papers will be presented by other members of the Society. The call for papers will be sent out soon. Special efforts have been made to set a late deadline for submitting abstracts. This deadline will be June 10, 1968. Abstracts should be sent to Heinz Floss, School of Pharmacy and Pharmacal Sciences, Purdue University, Lafayette, Indiana 47907. More detailed information on the meeting will be sent to all members soon. Additional information may be obtained by writing to David P. Carew, College of Pharmacy, University of Iowa, Iowa City, Iowa 52240.

Society Committees. ASP President Maynard W. Quimby, Massachusetts College of Pharmacy, has reported the membership of various Society committees. The following listing represents committee membership where new membership has been appointed and only those committee memberships which have not previously been reported in the Newsletter. Nominating Committee (elected by Society in its business meeting in Ann Arbor, Michigan): James E. Robbers, chairman, Purdue University; John D. Leary, St. John's University; Gordon H. Svoboda, Eli Lilly and Company. Constitution and Bylaws Committee: Frank D. O'Connell, chairman, West Virginia University; William J. Kelleher, University of Connecticut; Ikram Hassan, Fordham University. Auditing Committee: Carl H. Johnson, chairman, University of Florida; Stephen K. Sim, University of Toronto; Kenneth L. Euler, University of Houston. Resolutions Committee: Richard M. Doughty, chairman, University of Kentucky; Ralph N. Blomster, University of Pittsburgh, Gerald Sullivan, University of Texas. Teller's Committee: Rolf S. Westby, chairman, Eli Lilly and Company; Winston M. Churchill, Eli Lilly and Company; Gordon H. Svoboda, Eli Lilly and Company. Honorary Membership Committee: Ross M. Baxter, chairman, University of Toronto; Stig K. Agurell, Stockholm; Philip A. Babcock, Rutgers-The State University; J. Auguste Mockle, University of Montreal, Jack K. Wier, University of North Carolina. Life Membership Committee: Lee C. Schramm, chairman, University of Georgia; Ara Der Marderosian, Philadelphia

College of Pharmacy and Science; Leo J. Schermeister, University of North Dakota; Joseph Schradie, University of Toledo. Committee for the Promotion of Lloydia: Norman R. Farnsworth, chairman; Jerry L. McLaughlin, University of Washington; Arthur E. Schwarting, University of Connecticut. Committee on the Relationship of the Society to the A.Ph.A. Academy: Varro E. Tyler, chairman, Purdue University; Jack L. Beal, Ohio State University; Edward E. Smissman, University of Kansas; Arthur E. Schwarting. Committee on Undergraduate Recognition Certificate: Albert T. Awad, chairman, Ohio Northern University; Franklin R. Cole, Idaho State University; C. Dwayne Ogzewalla, University of Cincinnati. Honorary Historian for 1968: Anna Koffler Wannamaker, Ada, Ohio.

1969, 1970, and 1971 Society Meetings. ASP President Quimby also has announced the following information regarding meetings for the years indicated: The 1969 meeting will be held at Oregon State University, week of August 18. The Local Program Committee: George H. Constantine, Jr., chairman, Oregon State University; Charles Wilson, Oregon State University; Rolf S. Westby. The Scientific Program Committee: Philip Catalfomo, chairman, Oregon State University; Heinz G. Floss, Jerry L. McLaughlin. The 1970 meeting will be held in conjunction with the Deutsche Gesellschaft für Arzneipflanzenforschung in Vienna during the summer of 1970. Arrangements are being made to visit the Institut für Pharmazeutische Arzneimittellehre der Universität München prior to this meeting. "The Committee for '70" in charge of plans for this meeting is Norman R. Farnsworth and Varro E. Tyler, co-chairmen; Georgia J. Persionos, Research Pathology Associates; and Ana Rother, University of Connecticut. The 1971 meeting will be held at Ohio State University, July 18-22. Jack L. Beal is the local representative.

Philadelphia Colloquium. The University City Science Center of Philadelphia is sponsoring a colloquium at the Philadelphia College of Pharmacy and Science, March 25 from 9 a.m. to 3 p.m. to consider the possibility of developing a natural product center in Philadelphia. The proposed center would have as its primary objective the investigation of marine and terrestrial organisms as sources of drugs. A number of representatives from industry have been invited to the colloquium. It is projected that industry would be asked to support such a center. The cost of attending the colloquium is \$25. It is open to interested ASP members. Some of those to appear on the program are Morris Kupchan, Norman Farnsworth, Bruce Halstead, and Ara Der Marderosian. Anyone wishing further information should contact Ara Der Marderosian at the Philadelphia College of Pharmacy and Science, 43rd Street and Kingsessing Avenue, Philadelphia, Pennsylvania.

London Symposium. J. W. Fairbairn, University of London, reports of a highly successful symposium on quantitative paper and thin-layer chromatography which was held the first week in January. Fairbairn, as chairman of the Pharmacognosy Advisory Committee of the Pharmaceutical Society, was responsible for many of the arrangements for this symposium. About four hundred were in attendance and another one hundred were turned away for lack of accommodations. Persons attending came from various departments of the university, police and medical research areas, as well as the pharmaceutical, textile, paint, food, and petroleum industries. The proceedings will be published by Academic Press under the editorship of E. J. Shellard, Chelsea College of Science and Technology. It is hoped the book will be available by July, 1968.

London Plant Growth Regulator Symposium. J. G. Woolley, the Regional College of Technology, Leicester, England, reports on a symposium on plant growth regulators held at the University of London sponsored by the Pesticides Group of the Society of Chemical Industry in association with The Phytochemical Society. This was held early in January.

Brazil Symposium. G. Ferrari, Milan, calls our attention to a symposium "Medicinal Plants from Brazil" which was held in Sao Paulo the latter part of July and early August, 1967. This was organized by the Department of Physiological Sciences, Faculty of Medical Sciences, of the Hospitais da Santa Casa de Misericordia de Sao Paulo. Space does not permit the listing of the program. Interested persons may obtain more information from Professor Ferrari, Via C. Bellerio 41, Milan, Italy or the Editor.

Alkaloid Isolation Information Available. Frank R. Stermitz, Department of Chemistry,

Colorado State University, Fort Collins, Colorado maintains an automatic filing system (based on the Acme Visible Electrofile) from 1964 to the present and can retrieve Chemical Abstract references to all alkaloid isolation work for a given genus during the period 1964 (Vol. 61) to the present. Retrieval time is about thirty seconds, and Stermitz offers this service to anyone who calls him at 303-491-5158. He is not able to handle mail inquiries.

Lynn Index. Inquiries regarding The Lynn Index, a Bibliography of Phytochemistry, should now be directed to Norman R. Farnsworth, Department of Pharmacognosy, School of Pharmacy, University of Pittsburgh, Pittsburgh, Pennsylvania 15213. Farnsworth and his colleague, Ralph N. Blomster, have assumed responsibility for organizing and publishing the remaining monographs to complete the series. Negotiations are now underway to publish Monograph VI- The Tubiflorae which will be the largest monograph in the series. Monographs I-V are available from Farnsworth. These are priced at Monographs I-III-\$1 each, Monographs IV, V-\$2 each.

Ph.D. Program at Pittsburgh. The administration of the University of Pittsburgh recently approved a Ph.D. program in pharmacognosy, effective February 1, 1968. Prior to this time only the M. S. degree was awarded. Inquiries about the new program should be directed to Norman R. Farnsworth whose address is given in the preceding paragraph.

Karlsruhe Symposium. A. Hofmann, Sandoz AG, Basel, calls our attention to a series of lectures given at the symposium "Von der Heilpflanze zum modernen Heilmittel" at the Deutsche Therapie-Woche, September 2-9, 1967 at Karlsruhe, Germany. These lectures are published in the journal Die Therapie Woche, January 17, 1967. These lectures start on page 1707.

French Colloquium. Colloque international consacré aux plantes médicinales organisé par le Centre d'Etude des plantes médicinales de la Faculté de Médecine et de Pharmacie d'Angers les 6, 7, et 8 juillet 1968. Ce Colloque sera consacré à la culture des plantes médicinales, à l'étude de leurs constituants chimiques et de leurs propriétés thérapeutiques. Le programme prévu comporte les manifestations suivantes: samedi 6 juillet: conférences d'ordre général avec la participation des Professeurs van Os (Hollande), Lemli (Belgique), et Paris (France). Séances de communications particulières. Dimanche 7 juillet: -visite des lieux de production. Lundi 8 juillet: -visite d'usines. Inscriptions: auprès du Professeur Jolivet, Secrétaire du Comité d'organisation, Faculté de Médecine et de Pharmacie, 16 Boulevard Daviers. 49 - Angers.

Alkaloid Data. Jan Trojanek, Prague, through Norman R. Farnsworth, recommends Spectral Data and Physical Constants of Alkaloids by J. Holubek and O. Strouf (Published by Heyden and Son, Ltd, Spectrum House, Alderton Crescent, London, N.W.4, England, \$90). This is a compilation of spectral data and physical constants consisting of cards assembled in book form, each card devoted to a single alkaloid. For each compound the structural formula is shown, where appropriate with its absolute configuration. Molecular formulae, melting points, specific rotations, pH values in 80 per cent methylcellosolve are also listed. Spectroscopic data include the ultraviolet and the infrared absorption spectra. Over 1300 references on the first 400 cards include botanical sources from which the isolation of each particular alkaloid has been reported. The price given above includes Issues 1 and 2, 400 cards in 2 volumes. A list of all alkaloids included in the available sets can be obtained without charge from Jan Trojanek, Pharmaceutical and Biochemical Research Institute, U Elektry 8, Praha 9, Czechoslovakia. J. Holubek is still interested in obtaining alkaloid samples for use in preparing future volumes. His address is the same as that of Jan Trojanek. Farnsworth comments that he finds these cards invaluable.

Grant. Joseph Schradie, University of Toledo, recently received a grant for the Department of Pharmacognosy in the amount of \$10,100 for undergraduate equipment under Title VI of the Higher Education Act of 1965.

Personal. J. G. Woolley, the Regional College of Technology, Leicester, England reports the following items: G. E. Trease, University of Nottingham, has retired as head

of the pharmacy department. Professor Trease intends to continue his historical writing at his new home in Crediton, Devon. The chair of pharmacognosy is to be discontinued, and the new Department of Pharmacy Head is M. W. Partridge, Professor of Pharmaceutical Chemistry. W. C. Evans was recently made Reader in Phytochemistry and becomes the Head of the Pharmacognosy Department. R. Hardman, Lecturer in Pharmacognosy, has resigned and has taken up his new appointment as Senior Lecturer in Pharmacognosy at the Department of Pharmacy, University of Bath. Hardman works in cooperation with the National Research and Development Council. Valerie A. Major who received her Ph.D. last June has been appointed Assistant Lecturer in Pharmacognosy and replaces Hardman. .Victoria A. Masilungan, Assistant Research Director, Medical Research Center, National Institute of Science and Technology, Philippines and SEATO fellow for 1966-67 returned home after an absence of eleven months. She was a guest worker for the National Cancer Institute, National Institute of Health for nine months and the Cancer Institute, Tokyo for one month. For an additional month she also made observations in laboratories, conducting drug research and development in the United States and Japan.

George M. Hocking, Auburn University, presented a paper on flavor and aromatic values in medicine and pharmacy at the Centenary Symposium of the Torrey Botanical Club held at Long Island University in October. .ASP President Maynard Quimby attended a meeting of the Council of The Society for Economic Botany in Washington, D. C. October 28. ASP member Julia F. Morton is chairman of the Council. .Richard E. Schultes, Harvard University, and Bo Holmstedt, Karolinska Institutet, Stockholm, spent the summer in Brazil as members of Phase C of the Alpha-Helix Amazon Expedition of the Scripps Oceanographic Institute. They concentrated their research on the narcotic snuffs prepared from Virola by the Waika Indians of the Rio Negro Basin. It is planned that botanical and pharmacological reports will be published soon. .Hernando Garcia-Barriga, botanist at the Instituto de Ciencias Naturales, Universidad Nacional, Bogota, Colombia, recently spent a month in the U.S., mainly at the Botanical Museum of Harvard University with R. E. Schultes working on the toxic plants of the northern Andes. .Rafael Romero-Castañeda, Universidad Nacional de Colombia, has recently completed a year at the Botanical Museum of Harvard University on a Guggenheim Fellowship. He has worked on two books, Wild Edible Fruits of Colombia and Plants Toxic to Animals in Colombia. .Georgia J. Persinos, Director, Division of Phytochemistry, Research Pathology Associates, spent three weeks during October and November of 1967 doing field work in Iquitos, Peru and in areas along the Amazon River. This was in conjunction with her work for the Amazon Natural Drug Company. .Jacques Beliveau, University of Montreal, reports that J. A. Mockle, Assistant to the Dean, is serving on a government committee in charge of preparing a drug formulary to be used in conjunction with health insurance. He also reports that Sam Cooper has been appointed research assistant in pharmacognosy. Cooper received his Ph.D. under E. Stahl. .Ajay K. Bose, Department of Chemistry and Chemical Engineering, Stevens Institute of Technology, attended the Second Natural Products Symposium held at the University of the West Indies in January, 1968. He presented a paper entitled, "Biosynthetic Studies Using <sup>13</sup>C-labeled Compounds". With support from an NIH grant, Dr. Bose has a project on the biosynthesis of gliotoxin and other mold metabolites using stable isotopes, NMR, and mass spectral methods of analysis. During the spring term, Bose will conduct a graduate course on natural products in collaboration with Sukh Dev of the National Chemical Laboratory, India and Gabor Fodor of Laval University, Canada. Sukh Dev and Fodor will be in residence at Stevens during the spring term as visiting scientists.

Books. Richard E. Schultes indicates the availability of the booklet A Quarter Century of Publications of the Botanical Museum of Harvard University, 1940-65. The fifty-six pages of references may be of value to many Society members. The booklet may be obtained by writing Schultes at the Botanical Museum of Harvard University, Cambridge, Massachusetts. . . .An unidentified person at the University of Pittsburgh recommends The Hallucinogens by A. Hoffer and H. Osmond (Academic Press, 1967, \$25). . . .David P. Carew, University of Iowa, recommends Antibiotics, Volume 1, Mechanism of Action and Volume 2, Biosynthesis, Edited by David Gottlieb and Paul D. Shaw (Springer-Verlag, 1967, Vol. 1, \$39, Vol. 2, \$24). . .

(Editor's Note: A listing of all books crowded out in this issue and previous issues will be given in the next issue. Supplemental pages will be included as needed)