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NEWSLETTER

A PUBLICATION OF THE AMERICAN SOCIETY OF PHARMACOGNOSY - EDITED BY MELVIN R. GIBSON

WASHINGTON STATE UNIVERSITY, PULLMAN, WASHINGTON

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Annual Meeting. The Sixth Annual Meeting of the American Society of Pharmacognosy will be held June 15-18, 1965 at the University of Rhode Island, Kingston. Leonard Worthen of Rhode Island is chairman of the committee in charge of this meeting. Serving with him on the committee are Heber W. Youngken, Jr., Daniel P. N. Tsao, and Bruce A. Bohm, all of Rhode Island, and Rolf S. Westby, Secretary of the Society, of Eli Lilly and Company. Chemotaxonomy will be the theme of the symposium, and financial support from government sources is being sought.

Executive Committee Actions. The ASP Executive Committee in its meeting in Pittsburgh appointed Anna Koffler of Ohio Northern as Society Historian with an indefinite term of office, approved the publication of three issues of the ASP Newsletter in 1965, and appointed Arthur E. Schwarting for another five-year term as Editor of Lloydia. By mail ballot the Committee gave approval to a plan for three categories of patronage which will be subject to approval by the membership. Also by mail ballot the Committee voted to subsidize the Kilmer Prize with two hundred dollars annually. This will become effective with the 1965 award. The decision of the American Foundation for Pharmaceutical Education to discontinue the Newcomb Prizes in favor of a Newcomb Graduate Fellowship leaves the Kilmer Prize the only such award in its field.

ASP Committees. The following is a list of the members of the Society's committees for 1964-65. In each instance the first-named person is the chairman. Executive Committee: Melvin R. Gibson, David P. Carew, Gordon H. Svoboda, Rolf S. Westby, Frank A. Crane, Arthur E. Schwarting, Harold E. Bailey, Varro E. Tyler, Jr., Maynard W. Quimby. Membership Committee: David P. Carew, Finn Sandberg, Jack K. Wier, Raymond Daskotch. Program Committee: (see first paragraph of this newsletter). Committee on Awards and Funds: Frank A. Crane, Varro E. Tyler, Jr., James E. Dusenberry. Nominating Committee: Jack L. Beal, William J. Kelleher, Daniel P. N. Tsao. Publications Committee: Arthur E. Schwarting, C. J. Alexopoulos, W. E. Anderson, B. Douglas, J. W. Fairbairn, N. R. Farnsworth, A. W. Galston, M. R. Gibson, R. Hegnauer, K. Mothes, R. Paris, M. W. Quimby, E. Ramstad, F. Sandberg, R. E. Schultes, E. Smith, V. E. Tyler, Jr., H. W. Youngken, Jr. Constitution and Bylaws Committee: Lynn Brady, Ara G. Paul, James Robbers. Patron Membership Committee: Gordon H. Svoboda. Publicity Committee: Lee C. Schramm, Philip Catalfomo, Peggy Kreig. Professional Status and Education Committee: Franklin R. Cole, Philip A. Babcock, Elmore H. Taylor. Resolutions Committee: Frank J. Pokorny, Karlis K. Kazerovskis, John D. Leary. Brochure Committee: Norman Farnsworth, Finn Sandberg, Bryce Douglas.

December Lloydia Late. Editor Schwarting wishes all members to be advised that the December issue of Lloydia will be devoted exclusively to the Pittsburgh Vinca symposium, and that the issue will be extraordinarily delayed in publication. It is projected that the issue will be in the mail about February 15, 1965.

Membership Forms. Anyone wishing to recommend prospective ASP members may obtain newly printed forms from Secretary Rolf Westby, Eli Lilly and Company, Indianapolis, Indiana or from the Editor of the Newsletter.

Personal. The three postdoctoral fellows in pharmacognosy at the University of Connecticut are N. Y. Mary from Ohio State University, H. G. Appel from Frankfurt University, and B. K. Kim from the University of Washington...Mrs. Sasri Punyarajun is spending six months at the University of Nebraska as a postdoctoral research associate studying medicinal plant tissue culture techniques. She is a recent graduate of Purdue... Herbert Jonas, University of Minnesota, recently returned from a six-month European tour. Approximately three months were spent at the Free University of Berlin. Jonas attended meetings of the Bunsen Gesellschaft für Physikalisch Chemie in Berlin, the Medicinal Plant Symposium in Gronigen, Holland, and the Second International Fermentation Symposium in London, England, as well as presenting papers at the Deutschen Gesellschaft für Arzneipflanzenforschung, Berlin, the Radiation Biology Institute of the Italian Atomic Energy Commission, Rome, and the Radiation Biology Institute, Munich...Gregory T. Sinner, a member of the 1964 graduating class of the University of Minnesota, won the 1964 Kilmer Prize for his paper "A Study on Claviceps zizaniae." Mr. Sinner is now a graduate student in the Molecular Biology Institute, Dartmouth College. His research at the University of Minnesota was directed by Lee C. Schramm...Lee C. Schramm, University of Minnesota, was married to Miss Linda C. Schade October 29, 1964. Mrs. Schramm was formerly employed at the Health Sciences Public Relations Department, University of Pittsburgh and met Schramm at the 1964 ASP meeting. (Editor's Note: It is obvious some members get more out of these meetings than others!) ... Detlef Gröger and H. R. Schütte, Institut für Biochemie der Pflanzen, Halle/Saale, Germany, will spend the last three months of 1964 in India collecting plants and visiting educational and research institutes. D. Erge, an assistant in Gröger's laboratory, spent part of October in the Soviet Union searching for interesting varieties of medicinal plants...New graduate students in pharmacognosy at the University of Rhode Island include Peter Cross, Albany, New York; William Glennie, Nova Scotia; David Chen, New York City; Nelson Castelino, Bombay, India; and Caesar Lau-Cam, Lima, Peru... William Kelleher, University of Connecticut, David Carew, State University of Iowa, and E. John Staba, University of Nebraska were participants in the program entitled "New and Novel Fermentation Processes and Products" at the meeting of the Division of Microbial Chemistry and Technology, ACS, in September in Chicago...E. John Staba attended a one-week special summer program "Fermentation Technology" at MIT in July...Stephen B. Challen, former Lecturer in Pharmacognosy, University of London, has been appointed Head of the School of Pharmacy, Portsmouth College of Technology, Portsmouth, England. Other new appointments in pharmacognosy are Gerald Blunden, former Assistant Professor, University of Manitoba, Canada, as Research Fellow; Jane Hemingway, formerly at the University of Wisconsin, as Assistant Lecturer; and Colin Briggs, University of London, as Research Assistant...C. Dwayne Ogzewalla, formerly on the staff of Southwestern State College, is now a member of the staff of the University of Cincinnati...Fred A. Barkley, who has been at the University of Baghdad under a Fulbright appointment since 1961 serving as chairman of the Department of Botany in the College of Agriculture, will become Professor of Biology at Northeastern University February 1. Before going to Iraq Barkley was in the Microbiology Department of Warner-Lambert Research Institute. While in Iraq he collected in excess of 10,000 herbarium specimens of Iraqi plants...M. M. Motawi, Dean, College of Pharmacy, University of Alexandria, as President of the Ninth Pan Arabian Pharmaceutical Conference held in Beirut in September, was awarded the medal of honor "Order of Cedar of Lebanon"... D. K. Santra, Head of the Division of Pharmacy, Birla Institute of Technology, Pilani, India is visiting the Massachusetts Institute of Technology to observe the administrative and professional operations so that on his return to his own institute he may make recommendations for its improvement. During his extended visit in this country Santra is visiting colleges of pharmacy observing advances in pharmaceutical research techniques and also studying the problems of Indian students in this country, particularly those not planning to return to India...Miss Aneri Penttila, Vice-Head, Analytical Department, Medical Factory Oy Medica Ab, Helsinki, Finland has been appointed a Fulbright Research Scholar in the Department of Pharmacognosy and Natural Products, Howard University. She will be associated with Govind J. Kapadia in work on the biogenesis of some natural phenols of medicinal significance...William A. Meer, Meer Corporation, was married July 30 and was last heard from honeymooning in Hawaii...Julia F. Morton, Morton Collectanea, University of Miami, has been elected a member of the Council of the Section on Toxicology of the Pan American Medical Association.

(Supplement page to Volume 1, 1964, Number 3, ASP Newsletter)

Books. A number of members have recommended the book by ASP member John M. Kingsbury, Cornell University. It should be in every college of pharmacy library, and most persons having interest in plants will want it for their own libraries. Its scope of over seven hundred species and its bibliography of over 1700 references particularly recommend it. It is Poisonous Plants of the United States and Canada by John M. Kingsbury (Prentice Hall, 1964, \$13)...The following is from W. Poethke, Pharmacy Institute, Zena, Germany: Vom Deutschen Arzneibuch, 7. Ausgabe, ist kürzlich die erste Lieferung (Druckausgab 1964) erscheinen und wird am 1.1. 1965 in der Deutschen Demokratischen Republik rechtskräftig. Es handelt sich um ein vierbändiges Werk in Loseblattform. Der erste Band enthält die "Vorrede," die "Allgemeinen Bestimmungen" und die "Anlagen," in den weiteren drei Bänden werden die Monographien in alphabetischer Reihenfolge untergebracht. Die vorliegende erste Lieferung enthält 347 Monographien und hat einen Umfang von 1024 Seiten. Eine zweite Lieferung von etwa 100 Monographien soll im 4. Quartal 1965 erscheinen. Gleichzeitig wird an einem vierbändigen Kommentar gearbeitet, dessen erste Lieferung für das erste Quartal 1966 vorgesehen ist...The following is from R. Paris, University of Paris: En 1963, le Professeur R. Paris est alle en Côte d'Ivoire et au Sénégal le Professeur Paris et Mme Moyse sont en train de rédiger un Précis de Pharmacognosie dont le Tome I paraitra fin 1964. La 5ème édition de leur Abrégé de Matière médicale est paru...The following comments are from Franklin R. Cole, Idaho State University: The Arid Zone Research series of UNESCO, particularly Volume XIII Medicinal Plants of the Arid Zones (UNESCO, \$3). Arid zones are covered for the North American continent as well as the rest of the world. The volume contains two chapters, one on botanical, the other on pharmacological aspects of these plants. A list of plants and several hundred references increase the usefulness of this book. Common Edible and Useful Plants of the West by Muriel Sweet (Naturegraph Co., Healdsburg, California, 1962, \$1). Medicinal and Poisonous Plants of Southern and Eastern Africa by J. M. Walt and M. G. Breyer-Brandwijk (Livingstone, London, 1962). A useful source of information in monographic form arranged by families. This has 1457 pages and is cross-indexed by European, vernacular, and scientific names and contained active principles. The bibliography has more than 7000 references. Both phanerogams and cryptogams are covered...The following is a list of books assembled by the Editor which may be of interest to the members: Taxonomic Biochemistry and Serology by Charles A. Leone, Editor (Ronald Press, 1964, \$16.50); Wonder Drugs: A History of Antibiotics by H. Boettcher (Lippincott, 1964, \$5); Analysis and Characterization of Oils and Fat Products, Vol. 1 by H. A. Boekenooogen, Editor (Interscience, 1964, \$12.75); Amino Acids and Serum Proteins by Robert F. Gould, Editor (American Chemical Society, 1964, \$5.50); Plant Biochemistry by D. D. Davies (F. A. Davis Co., 1964, \$10.50); Vegetation and Flora of the Sonoran Desert, Vol. 1 and 2 by Forrest Shreve and Ira L. Wiggins (Stanford University Press, 1964, \$22.50); Manometric Techniques, Fourth Edition by W. W. Umbreit, R. H. Burris and J. F. Stauffer (Burgess Publishing Co., 1964, \$6.50); Actualités de Phytochimie Fondamentale by Charles Mentzer and Olga Fatianoff (Masson, Paris, 1964, F.85); Handbook of Basic Microtechnique by Peter Gray (McGraw-Hill, 1964, \$7.95); Laboratory Techniques in Botany by M. J. Purvis, D. C. Collier, and D. Walls (Butterworth, \$11.50); Progress in the Chemistry of Fats and Other Lipids, Vol. 7, pt. 2 by R. T. Holman, Editor (Pergamon, London; Macmillan, N.Y., 1964, \$5); The Absorption of Solutes by Plant Cells by D. H. Jennings (Iowa State University Press, 1964, \$4.25); Primary Processes in Photosynthesis by Martin D. Kamen (Academic Press, 1963, \$5.50); The Story of the Plant Kingdom, 3rd Ed. by Merle C. Coulter, revised by Howard J. Dittmer (University of Chicago Press, 1964, \$5.75); Vitamin B₁₂ Coenzymes by Harold E. Whipple, Editor (Annals of the N. Y. Academy of Sciences, Vol. 112, art. 2, The Academy, 1964, \$7); The Thyroid Gland, Vols. 1 and 2 by Rosalind Pitt-Rivers and W. R. Trotter, Editors (Butterworth, Vol. 1, \$18.50; Vol. 2, \$13.50, 1964); Generic Names of Orchids, Their Origin and Meaning by R. E. Schultes and A. S. Pease (Academic Press, 1964, \$12); Biochemistry and Physiology of Plant Immunity by B. A. Rubin and Ye. V. Art-sikhovskaya (Macmillan, 1964, \$14); Biological Effects of Deuterium by J. F. Thomson (Macmillan, 1964, \$7); Vistas in Botany, Vol. III, Researches in Plant Physiology by W. B. Turrill, Editor (Pargamon Press, 1964, \$15); The Physiology and Biochemistry of Herbicides by L. J. Audus, Editor (Academic Press, 1964, \$16.50); The Adrenocortical Hormones: Their

Origin, Chemistry, Physiology and Pharmacology (XIV Ergangswerk Hndb. exper. Pharmakol by W. W. Deane and B. L. Rubin) (Lange and Springer, 1964, Pt. 1:DM 236; Pt. 2:DM 68); Vitamins and Coenzymes by Arthur F. Wagner and Karl Folkers (Interscience, 1964, \$17.50); Neomycins and Related Antibiotics by Kenneth L. Rinehart, Jr. (Wiley, 1964, \$5); The Life of Bacteria by Kenneth V. Thimann (Macmillan, 1963, \$17.50); Water Metabolism in Plants by Theodore T. Kozlowski (Harper and Row, 1964, \$3.95); Seaweed Symposium, Proceedings. The Fourth International Symposium held at Biarritz, France, September, 1961 by Ad. Davy de Virville and J. Feldmann, Editors (Pergamon, London; MacMillan, N. Y., 1964, \$15); Biology Data Book by Philip L. Altman and Dorothy S. Dittmer, Editors (Federation of American Societies for Experimental Biology, Washington, D. C., 1964, \$10); The Geography of the Flowering Plants by Ronald Good (Wiley, 1964, \$13); The Life of Plants by E. J. H. Corner (World, Cleveland, Ohio, 1964, \$12.50); The Natural Geography of Plants by Henry A. Gleason and Arthur Cronquist (Columbia University Press, 1964, \$10); Our Plant Resources, Plants and Their Economic Importance by Frederick L. Fitzpatrick (Hold, Rinehard, and Winston, New York, 1964, paper: \$1.28; cloth: \$2.50); Physiological Basis of Salt Tolerance of Plants (As Affected by Various Types of Salinity) by B. P. Strogonov and translated from the Russian edition (1962) by Alexandra Poljakoff-Mayber and A. Mayer (Israel Program for Scientific Translations, Jerusalem; Davey, New York, 1964, \$12.50); Algae and Man by Daniel F. Jackson, Editor (Proceedings of the 1962 NATO Advanced Study Institute, University of Louisville) (Plenum Press, New York, 1964, \$14.50); Selenium, Geobotany, Biochemistry, Toxicity, and Nutrition by Irene Rosenfeld and Orville A. Beath (Academic Press, 1964, \$15); Fluorescence Assay in Biology and Medicine (Third printing of the 1962 edition with annotated bibliography through 1964) by Sidney Udenfriend (Academic Press, 1962, \$14); Chemical Background for the Biological Sciences by Emil H. White (Prentice-Hall, Inc., 1964, paper: \$1.95; cloth: \$4.95); Hormonal Steroids, Biochemistry, Pharmacology and Therapeutics, Vols. 1 and 2 (Proceedings of the First International Congress on Hormonal Steroids) by L. Martini and A. Pecile, Editors (Academic Press, 1964, Vol. 1: \$18; Vol. 2: \$20); Biochemistry of Phenolic Compounds by J. B. Harborne, Editor (Academic Press, 1964, \$18.50); Structure and Metabolism of Corticosteroids (Proceedings of a Symposium held in Paris and Organized by the Faculty of Medicine, Laboratory of Chemistry and Biology) by Jorge R. Pasqualini and Max F. Jayle, Editors (Academic Press, 1964, \$6); Pharmacology of Oriental Plants by K. K. Chen and B. Juckerji, Editors (Volume 7 of the proceedings of the International Pharmacological Meeting, Prague, 1963) (Pergamon Press, 1964, \$6.50); Curare; Its History and Usage by K. Bryn Thomas (Lippincott, 1963, \$6.50); The Monosaccharides by J. Staneek, M. Cerny, J. Pacak, J. Kocourek (Academic Press, 1964, \$32); Organic Functional Group Analysis by Micro and Semimicro Methods by Nicholas D. Cheronis and T. S. Ma (Interscience, 1964, \$25); The Hormones, Physiology, Chemistry, and Applications, Vols. 4 and 5 by Gregory Pincus, Kenneth V. Thimann, and E. B. Astwood (Academic Press, 1964, Vol. 4: \$22; Vol. 5: \$24); The Cell, Vol. 6 by Jean Brachet and Alfred E. Mirsky (Academic Press, 1964, \$18); Enzymes, Second Edition by Malcolm Dixon and Edwin C. Webb (Academic Press, 1964, \$16); Cell Differentiation, Symposia of the Society for Experimental Biology by G. E. Goff, Editor (Academic Press, 1964, \$14); Cytology and Cell Physiology, Third Edition by Geoffrey H. Bourne, Editor (Academic Press, 1964, \$20); The Macromolecular Chemistry of Gelatin by Arthur Veis (Academic Press, 1964, \$14.50); Paper Chromatography by I. M. Hais and K. Macek, Editors (Academic Press, 1964, \$26.50); Bibliography of Paper Chromatography, 1944-1956 and Survey of Applications by Karel Macek and I. M. Hais, Editors (Academic Press, 1964, \$24); Bibliography of Paper Chromatography, 1957-1960 and Survey of Application by K. Macek, I. M. Hais, J. Gasparic, J. Kopecky, and V. Rabek (Academic Press, 1964, \$24); Précis de Botanique, Anatomie - Cycles Évolutifs Systématique by H. Des Abbayes, M. Chadefaud, Y. de Ferre, J. Feldmann, H. Gausson, P.-P Grasse, M.-C Lerredde, P. Ozenda, and A.-R. Prévot (Masson et Cie, Paris, F 98).

. Finn Sandberg, Stockholm, presented the paper "Medicinal Plants from Ecuador, Peru, and Chile" at the meeting on phytochemistry and medicinal plants of the Pacific area held at Noumea, New Caledonia, in April...With regret the ASP records the deaths of the following members: Johann Henrich Sander, Berlin, in May; Marin S. Dunn, Philadelphia College of Pharmacy and Science, in May; J. Allen Reese, University of Kansas, in October.

Grants. Lee C. Schramm, University of Minnesota, has been awarded an NIH research grant of \$11,340 for the first-year study on the toxin of Gibberella zea. Philip Portoghese of the pharmaceutical chemistry department is co-investigator. Miss Sharon Fuller has been hired as Research Assistant for the project...David Carew, State University of Iowa, has been awarded a \$4800 grant from the NIH as a continuing stipend for the study of the tissue culture of Apocynaceae, and he has also received a \$2000 grant from the Iowa Division of the American Cancer Society for study of the anti-cancer compounds produced by submerged cultures of Vinca rosea...NSF has awarded a grant of \$7000 for continuation of an undergraduate science education program for the summer of 1965 to the pharmacognosy department of Oregon State University. Five pharmacy students will serve as junior colleagues in research projects. The program will be directed by Leo A. Sciuchetti, assisted by Philip Catalfomo and James H. Bennett...Oregon State University School of Pharmacy has received a grant of \$17,760 for the construction of a \$44,400 pharmacognosy greenhouse-headhouse structure which will provide facilities for growing, harvesting, drying, pulverizing, and extracting medicinal plants...National headquarters of Sigma Xi and RESA has announced the award of a research grant to Carman A. Bliss, University of Southern California, for an investigation of the glycoside from Mentzelia laevicaulis...E. John Staba, University of Nebraska, has received a renewal of his NIH grant for the study of tissue culture of plants containing cardiac glycosides for the current year in the amount of \$17,530... Taylor E. Lindhorst, St. Louis College of Pharmacy, received an NSF stipend to participate in the 1964 Summer Institute in Radiation Biology at the University of Washington.

1966 Meeting. Invitations from ASP members to hold the 1966 meeting at their institutions are now due. To date no invitations have been received. These should be addressed to the ASP President, Melvin R. Gibson, College of Pharmacy, Washington State University, Pullman, Washington, 99163.

Garden Move. A portion of the Drug Plant Gardens of the University of Washington will be relocated during the next few months as the result of the planned construction of a new chemical engineering building on the former site. The move, which will involve approximately one-half of the garden area, will be to a new permanent campus location between the Drug Plant Laboratory and Bagley Hall which houses the College of Pharmacy. An attractive new design prepared by Eric Hoyte, landscape architect, has received approval of the University Board of Regents. Old-time Plant Seminars will be interested in learning that the Cascara Circle area of the present gardens, which proved so popular during the meeting of the Plant Science Seminar in Seattle in 1948, will be retained.

Morning Glory Seed Paper. The Psychedelic Review may be an unfamiliar periodical to many. The article "A Uterine Stimulant Effect of Extracts of Morning Glory Seeds" from the Department of Pharmacognosy of the University of Rhode Island appears in volume 1, 317-323(1964) of that publication.

Nordal Article. Many members may be interested in obtaining copies of "The Medicinal Plants and Crude Drugs of Burma" by A. Nordal, Institute of Pharmacy, University of Oslo, Oslo, Norway. In response to an inquiry by the ASP Newsletter Editor, Professor Nordal has indicated that he still has about a hundred copies available without charge to those requesting them.

Information Wanted. J. L. Hartwell, Special Assistant to the Chief, CCNSC, for Natural Products, National Cancer Institute, is interested in enlarging his already extensive file of information on plant folk remedies or popular remedies for cancer. Information may be addressed to Hartwell at the Institute, Bethesda, Maryland.

Canadian Conference. J. A. Mockle, University of Montreal, reports the participation by a member of pharmacognosists in the August 15 meeting of the Canadian Conference on Pharmaceutical Research held at Dalhousie University, Halifax, Nova Scotia.

Press Relations Guide. Bryce Douglas, Smith, Kline & French Laboratories, calls our attention to the booklet published by his company entitled Scientist Meet the Press, A Practical Guide to Press Relations for Scientists and Research Managers. The availability of this booklet was not mentioned. Further information may be obtained from Douglas.

Portsmouth Research. Gerald Blunden, Portsmouth College of Technology, reports work in progress on growth abnormality studies of the genus Salix and the treatment of plant surfaces with polybutenes.

Illinois Greenhouse. Ralph F. Voigt, University of Illinois, indicates that the new climate-controlled greenhouse at the Drug and Horticultural Experiment Station of the College of Pharmacy of the University of Illinois will be in full operation after November 27. This unique installation was financed by funds from the State of Illinois and the NIH. It consists of six separate rooms in which temperature, humidity, and light can be controlled within rigidly specified limits. Voigt extends an invitation to members of the Society to visit the facilities. Prior arrangements should be made addressed R. F. Voigt, College of Pharmacy, University of Illinois, 833 South Wood Street, Chicago, Illinois.

Kilmer Prize Deadline. Papers competing in the Kilmer Prize competition for the best paper based on research in pharmacognosy by a member of the graduating class of one of the accredited colleges of pharmacy are due in the office of the Executive Director, A.Ph.A., 2215 Constitution Ave., N.W., Washington, D.C. no later than January 1, 1965. Further information is available from that office.

Sáenz Research. Our attention has been directed to the screening work on Costa Rican plants being published by ASP member José A. Sáenz appearing in Rev. Biol. Trop. A recent paper in volume 12(1), 67-74 (1964) reports the results of tests on fifty-nine species of plants tested for tertiary and quaternary bases. Sáenz is professor in the Department of Biology, University of Costa Rica, Ciudad Universitaria "Rodrigo Facio," Costa Rica, Central America.

Japan Meeting. Isao Inagaki, Nagoya City University, reports that the annual meeting of the Pharmacognostical Society of Japan was held September 19 and 20 at the University of Kanazawa. About one hundred members attended to hear papers on the constituents of Lycium chinense, Astragalus mongholicus, moss, Geranium nepalense, Vaccinium bracteatum, Hypericum, Circum, Metaplexis japonica, Alpinia kumatake, Artemesia Kurramensis, Pinellia, Aconitum, Vinca rosea, Orixa japonica, Smilax sieboldii, Aspidistra elatior, Panax ginseng, and others.

Research Achievement Awards. ASP members who are also members of the A.Ph.A. are reminded that nominations for the A.Ph.A. Seven Research Achievement Awards are due in the A.Ph.A. office prior to January 1, 1965. Further information concerning nominations may be obtained from the A.Ph.A. office, 2215 Constitution Avenue, N.W., Washington 7, D.C.

Tropical Seeds. Gordon Ross, Quinta Calle Poniente No. 9, Tapachula, Chiapas, Mexico has asked that ASP members be informed that his firm is growing and collecting tropical seeds in costal Chiapas such as Phaeomeria magnifica, Spathiphyllum matudae, Tabebuia chrysantha, and Xanthosoma roseum(robustum).

Wallace Laboratories Division. Peggy Kreig has commented on the enthusiasm of Frank Berger, President of Wallace Laboratories, for that company's recently established Natural Products Division. This Division is directed by Jean Pierre Rosselet.