

PHYTOCHEMICAL SOCIETY OF NORTH AMERICA

NEWSLETTER MARCH 1979

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GENERAL INFORMATION ON THE 1979 PENNA MEETING

The annual meeting of the Phytochemical Society of North America will be held August 13-15, 1979 (Monday through Wednesday) on the campus of Northern Illinois University at DeKalb, Illinois. The symposium entitled "Applied Phytochemistry" will feature speakers on a variety of topics including chemo-taxonomy, pharmaceuticals, and potential sources of fibers, hydrocarbons and oils. For further information on the symposium, contact Robert Kleinmann, Northern Regional Research Center, USDA, 1815 North University Street, Peoria, Illinois 61604 (309/685-4011).

Members are invited to present contributed papers orally or as posters. Please use the abstract form provided. For oral presentations, 2" x 2" (preferred) or 3 1/4" x 4" slides can be used. Chalkboards and overhead projectors will also be available. ABSTRACTS SHOULD BE RECEIVED NO LATER THAN JUNE 15, 1979. Persons wishing to present some of their very recent results after the deadline are encouraged to do so in a poster session but an abstract cannot be distributed unless provided by the authors (150 copies). The meeting pre-registration deadline is July 6, 1979.

Tentative Schedule:

Sunday, August 12	7:30pm-?	Registration and social
Monday, August 13	Morning	Symposium speakers (3)
	Afternoon	Oral and poster sessions
	Evening	Pork roast and corn boil
Tuesday, August 14	Morning	Symposium speakers (3)
	Afternoon	Oral and poster sessions Business meeting
	Evening	Wine and cheese social
Wednesday, August 15	Morning	Symposium speakers (2-3)

All activities will be held in Montgomery Hall on campus.

Members of the operating committee are:

D. M. Piatak	815/753-1131
Department of Chemistry	
P. D. Sorensen	815/753-0433
Department of Biology	
K. H. Harmet	815/753-0433
Department of Biology	

Northern Illinois University in DeKalb lies 65 miles west of Chicago in the heart of the former Grand Prairie of Illinois (the ecologist's Prairie Peninsula). The city acquired early fame as the home of Joseph Glidden, the inventor of barbed wire (hence the nickname "Barb City"). DeKalb has given its name to the world's leading crop plant breeder and agricultural seed producing firm, DeKalb Agricultural Research, Inc. The firm maintains an extensive research facility nearby.

Access to DeKalb is by Illinois Routes 23, 38, and 5 (the East-West Tollway.) Public transportation to the city is by Greyhound bus. Limousine service (\$20/person, one way) accommodates air travelers arriving via O'Hare Field. Pilots of small private aircraft will find the DeKalb Airport convenient. Taxi service to the University is available.

Travel time by car to the Chicago Loop runs 1 hour and 20 minutes unless during rush hours. Expressway travel is complete from DeKalb to the Lake Michigan shore, where in Grant Park the visitor gains easy access to the Field Museum of Natural History, Shedd Aquarium, Adler Planetarium, and the Chicago Art Institute. A short drive along Lake Michigan southward brings one to the Museum of Science and Industry in Jackson Park. North from Grant Park lies Lincoln Park where are located a zoo and conservatory operated by the Chicago Park District. The "Windy City's" night life offers all the variety expected of a metropolitan region inhabited by 7 million persons. For those not wishing to drive or are unable to do so, Greyhound Bus service takes one to the heart of the Loop in downtown Chicago. The Lakefront Festival will occur August 4-12, so meeting participants may want to begin their stay in Illinois in Chicago.

Within the city of DeKalb, spouses and children of meeting participants will find diversion in the Hopkins Park Pool or at historic Ellwood House. On the NIU campus, the Founder's Memorial Library and the Anthropology Museum are of interest.

1980 meeting: August 4-7, Washington State University, Pullman WA. Joint meeting with the American Society of Plant Physiologists. Symposium Topic: The Phytochemistry of Cell Recognition and Cell Surface Interactions. The symposium is divided into two parts, I, Interactions at the chemical and biochemical level, and II, Interactions at the biological and ecological level. It will be published as Vol. 15 of Recent Advances in Phytochemistry.

1981 meeting: Cornell University, Ithaca, New York. Le Creasy and Gesa Hrazdina plan a symposium on subcellular localization of enzymes of primary and secondary metabolism.

Re journal affiliation:

The chairman of the journal affiliation committee, Le Creasy, feels that the time is not yet propitious for circulation of a poll of the membership on the issue of journal affiliation. Watch for it in the next newsletter (probably in June).

Please use the form below for advance registration. A receipt and NIU information will be sent to you to acknowledge your payment. Registration materials may be obtained at the hospitality desk in Montgomery Hall on Sunday evening or during the meeting. Persons desiring transportation from O'Hare Airport should indicate below the time they desire a ride (\$8.00/one way). Location of the service at O'Hare will be sent with your receipt. Anyone desiring transportation at other times can contact DeKalb-O'Hare Limo Service, 136 Terrace Drive, DeKalb, Illinois 60115 (815/758-0631) for reservations. The cost varies (\$12.00-\$20.00) with the number of passengers. Greyhound operates between DeKalb and the Chicago Loop for parties interested in the various Chicago festivals.

ADVANCE REGISTRATION FORM

RETURN NO LATER THAN JULY 6, 1979 TO:

1979 PSNA Meeting
 c/o College of Continuing Education
 Adams Hall, NIU
 DeKalb, Illinois 50115

Name _____ Telephone _____
 (please print) (area code) (number)

Dept./Street _____

Institution/Company _____

City _____ State _____ Zip _____

Number		Amount
_____	Meeting participant (member)--\$30.00*	_____
_____	Meeting participant (non-member)--\$40.00*	_____
_____	Graduate or undergraduate student--\$5.00	_____
_____	PSNA membership--\$8.00	_____
_____	Pork roast and corn boil--\$7.50 (not available after June 15)	_____

*Registration fees will be increased substantially after June 15

Transportation from O'Hare to DeKalb on Sunday at _____ 5pm _____ 7pm _____ 9pm
 and Monday at _____ 9:30am for \$8.00

Transportation from DeKalb to O'Hare on Wednesday at _____ 11am or _____ 1pm
 for \$8.00

TOTAL AMOUNT ENCLOSED _____

Make checks payable to 1979 PSNA Meeting

NO REFUNDS AFTER JULY 6

ROOM RESERVATION FORM

The following accommodations are available at NIU and vicinity. Van service to NIU will be provided for participants staying at the dorm and the motels on West Lincoln Hwy. Rates quoted below are subject to change.

Dormitory: Grant Towers No. Single-\$8+tax Double-\$6+tax/person
(These doms are air-conditioned)

University Center: Single-\$10.50(tax incl.) Double-\$15.75(tax incl.)
(Because of several conferences this summer, the number of these rooms is severely limited. It is recommended that persons share wherever possible.)

Motels: Georgetown Motel	Single	Double-1 Bed	Double-2 Beds
1321 W. Lincoln Hwy.	\$15.75	\$17.85	\$19.95
815-756-1451		(tax incl.)	
 Holiday Inn			
1212 W. Lincoln Hwy.	\$22.05	\$26.25	\$27.30
815-758-8661		(tax incl.)	

Name _____

Address _____

City _____ State _____ Zip _____

Housing preferred _____ 2nd. choice _____ 3rd. _____

Single _____ or sharing double _____

Roommate _____ (return together if possible)

Or assign a roommate for me _____

Arrival date and time _____

Departure date and time _____

Return by July 6th. to: 1979 PSNA Meeting, c/o College of Continuing Education,
Adams Hall, NIU, DeKalb, IL 60115

ABSTRACT FORM

19th Annual Phytochemical Society of North America Meeting
Northern Illinois University, DeKalb, Illinois 60115
August 13-15, 1979

1. Abstracts should be about 125-200 words and should fit into the block space below. Leave the left corner box blank.
2. The form below or a facsimile should be used. One original and one copy are requested. Since they will be reproduced directly, they should be well prepared and any structures should be neatly drawn.
3.
 - a. The title should be CAPITALIZED.
 - b. Locations for authors should follow names if multiple authors are at different locations. Underscore the author who will present the paper.
 - c. For uniformity, elite type is preferred. Use single spacing and fill the block to its maximum.
 - d. Example Heading: STRUCTURE OF CAMPHORONE. George H. Doe and Peter G. Stone, Department of Biology, Central State University, Central, Illinois 99999 and Donald E. Smith, Department of Chemistry, Southern State University, Southern, Illinois 99900.
4. Abstracts should be submitted by June 15, 1979.
5. Mail the original and one copy to: 1979 PSNA, c/o College of Continuing Education, Adams Hall, NIU, DeKalb, Illinois 60115.
6. Presentation format: Oral _____ Poster _____
 - a. Projection requirements: 2 x 2 _____ 3¼ x 4 _____ Overhead _____
 - b. Estimated delivery time: _____ min. (20 min. maximum for contributed papers and 45-50 min. for symposium papers.)

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THE AMERICAN SOCIETY OF PHARMACOGNOSY

Twentieth Annual Meeting

Purdue University, West Lafayette, Indiana 47907

July 29 - August 3, 1979

CALL FOR PAPERS

Investigators are invited to submit abstracts for poster or oral presentations (Please indicate your preference) at the twentieth annual meeting. Your preference will be honored, but cannot be guaranteed.

- A. Abstracts should reach the Scientific Program Committee not later than May 15, 1979. Please send to Ching-jer Chang, Department of Medicinal Chemistry and Pharmacognosy, School of Pharmacy, Purdue University, West Lafayette, Indiana 47907.
- B. Abstracts will be reproduced photographically, without retyping or retouching.
- C. Abstracts should be typed on the form as shown below. The title (CAPITALS) and the authors' names should be set out, with the name of the person who is to give the presentation underlined.

Example heading: MECHANISM OF ACTION OF STREPTOZOTOCIN. C.-j. Chang and J. DaSilva Gomes, Dept. of Medicinal Chemistry and Pharmacognosy, School of Pharmacy and Pharmacal Sciences, Purdue University, West Lafayette, Indiana 47907.

Preference: poster oral presentation.



THE AMERICAN SOCIETY OF PHARMACOLOGY

INTERNATIONAL SYMPOSIUM ON

Recent Advances in Antibiotics and Alkaloids

July 29 - August 3, 1979

Purdue University

West Lafayette, Indiana

- | | |
|---------------------------------|--|
| 1. Dr. David Hopwood | John Innes Inst., Norwich, England |
| 2. Dr. Yoshito Kishi | Harvard Univ., Cambridge, Massachusetts |
| 3. Dr. Martin Luckner | Martin-Luther Univ., Weinbergweg, E. Germany |
| 4. Dr. Yoshiro Okami | Inst. of Microbial Chem., Tokyo, Japan |
| 5. Dr. S. William Pelletier | Univ. of Georgia, Athens, Georgia |
| 6. Dr. Pierre Potier | Inst. of Nat. Prod., Gif-sur-Yvette, France |
| 7. Dr. Kenneth L. Rinehart, Jr. | Univ. of Illinois, Urbana, Illinois |
| 8. Dr. Ernest Wenkert | Rice Univ., Houston, Texas |
| 9. Dr. Paul F. Wiley | Upjohn Co., Kalamazoo, Michigan |
| 10. Dr. Meinhard H. Zenk | Ruhr Univ., Bochum, West Germany |

Scientific Program
Dr. Ching-ger Chang
(317)-494-8747

Local Program
Dr. James E. Robbers
(317)-493-3428

Department of Medicinal Chemistry and Pharmacognosy
Pharmacy School, Purdue University
West Lafayette, Indiana 47907

Postdoctoral position: A research fellowship is available for a person with Ph.D. in Plant Biochemistry and with a strong background in enzymology to assist in the isolation and characterization of enzymes of phenolic metabolism. The fellowship period will be for one or two years, starting April/May 1979 and the stipend is Can\$ 12,000. Candidates should forward C.V. and 3 letters of reference to Dr. Ragai Ibrahim, Dept. of Biological Sciences, Concordia University, Montreal H3G 1M8, by April 30, 1979.

PHYTOCHEMICAL SOCIETY OF EUROPE

An international symposium will be held at The School of Pharmacy, University of London during April 1979 on

"RECENT ADVANCES IN THE CHEMISTRY AND BIOLOGY OF ALKALOIDS: INDOLE AND BIOGENETICALLY RELATED ALKALOIDS"

The following speakers have accepted and the provisional programme is as follows:

April 18 Botanical aspects	A.J.M. Leeuwenberg (Wageningen)
Chemotaxonomy - Apocynaceae	M. Hesse (Zurich)
Loganiaceae	N.G. Bisset (London)
Rubiaceae	J.D. Phillipson (London)
Chemistry - Synthesis	P. Potier (Paris)
	C. Szantay (Budapest)
	J. Joule (Manchester)
April 19 Biosynthesis	J. Stöckigt (Bochum)
	C.R. Hutchinson (Madison)
Biomimetic studies	R.T. Brown (Manchester)
	E. Winterfeldt (Hannover)
	H.-P. Husson (Paris)
April 20 Isolation, characterisation problems	R. Verpoorte (Leiden)
Ergot - Biosynthesis	H.G. Floss (Purdue)
Production	C. Spalla (Milan)
Biological activities	E. Flückiger (Basle)
Biological applications	N. Neuss (Indianapolis)
Overview	J.E. Saxton (Leeds)

POSTER SESSION

A poster session will be held during the meeting and posters are invited on topics of alkaloid research. Although the main lectures will be on indole and biogenetically related alkaloids, posters are requested, not only on "indoles", but also on other types of alkaloids. People wishing to submit posters should write to Dr. J.D. Phillipson, Department of Pharmacognosy, The School of Pharmacy, 29-39 Brunswick Square, London WC1N 1AX, U.K., before 1st March 1979.

REPORT OF THE TREASURER

1 January 1979

We have completed another successful year. Our membership and our financial position are both strong. At the end of the year we had 287 paid members, a net gain of 9 over 1977. We lost our normal 20, but gained 29 new. Our student membership is up slightly to 15 from 9 last year. The membership application in the last newsletter produced a good number of new members.

The 1978 annual report included in this issue shows a net gain of \$2,308.90 for the year. We continue to have significant income from our royalties, \$3,063.17 for 1978 (about \$500.00 less than in 1977), and no dues increase is necessary.

The larger than normal cost to the society (\$2,730.00) for the annual meeting at Stillwater is not cause for concern. The accounting is included in this issue and the complete report of the meeting organizer is on file with the Treasurer and is available upon request. The sound financial status of the society will allow us to absorb this loss and to continue supporting a major meeting each year, but guidelines for future planners are being established to help avert excessive outlays in future years.

Dick Mansell has been very helpful and instructive throughout the year and we have accomplished a smooth transition of the records. I wish to thank the membership for your assistance in address corrections and prompt remission of your dues.

Copies of all bank statements and the auditor's report are on file with the Treasurer. All comments and criticisms are invited.

Respectfully submitted,



John T. Romeo, Treasurer

NEW MEMBERS

Dr. Luke S. Albert
Botany Department
Univ. of Rhode Island
Kingston, RI 02881

Mr. Robert J. Anderson
Botany Dept.
La Trobe Univ.
Bundoora, Victoria 3083
AUSTRALIA

Mr. Stephen J. Danko
Dept. Bot. and Plant Path.
Oregon State Univ.
Corvallis, OR 97331

Mr. Richard A. Hilsenbeck
Dept. of Botany
Univ. of Texas
Austin, TX 78712

Mr. Timothy Johns
Dept. of Botany
Univ. of British Columbia
Vancouver, BC V6T 1W5

Mrs. Terry W. Johnson, Jr.
2408 Prince St.
Durham, NC 27707

Miss Shelia McCormick
210 Curtis Hall
University of Missouri
Columbia, MO 65201

Dr. Clarence A. Ryan
Dept. Ag. Chem.
Washington State Univ.
Pullman, Washington 99164

Mr. Jackson Scholl
421 Daly Ave., #10
Missoula, MT 59801

Mr. Charles F. Sternburg
Dept. Ecol. & Evol. Biol.
Univ. of California, Irvine
Irvine, CA 92717

Dr. Chi-Kit Wat
Dept. of Botany
Univ. of British Columbia
Vancouver B.C. V6T 1W5, Canada

Dr. Gottfried Weissenboeck
Botanisches Institut
Univ. of Koln
Gyrhofstrasse 15
D 5000 Koln 41, W. Germany

Financial Statement

1 January 1978 - 31 December 1978

Receipts

Membership

Regular 1977	\$ 40.00
1978	1,929.00
1979	152.00

Student 60.00

\$ 2,181.00

Royalties

Vol. 5-8 Runeckles	\$ 263.75
9 Runeckles	154.40
10 Mansell	336.77
10 Wallace	336.77
11 Loewus	985.74
11 Runeckles	985.74

\$ 3,063.17

Interest from Savings 422.85

Foreign Exchange Credit 23.54

Mailing List 30.00

Total \$ 5,720.56

Assets 1 January 1978

Outstanding Check (750.30)

Checking 2,188.60

Savings 8,308.11

\$ 9,746.41

Receipts 1978 5,720.56

Disbursements 1978 3,411.66

Net Gain \$ 2,308.90

Total \$12,055.31

Disbursements

Editor Expense - Vol. 12 \$ 116.00

Secretary - Newsletter 600.00

Treasurer - expenses 237.16

Plenum (prepaid orders) 148.50

Directories 270.00

Auditor 40.00

1978 Symposium - Stillwater 2,000.00

Total \$ 3,411.66

Assets 31 December 1978

Checking 2,324.35

Savings 9,730.96

Total \$12,055.31

The American Society of Pharmacognosy

and

The Phytochemical Society of North America

Joint Meeting 1978

Receipts:

Registration, Ticket Sales

\$ 8,461.75

Subsidies:

American Society of Pharmacognosy
Phytochemical Society of North America
Gifts & Grants

2,679.99
2,730.00
7,939.23

Beckman Analytical Instrument
Cooper Laboratories, Inc.
Johnson and Johnson
Kerr-McGee Foundation
Thomas J. Lipton, Inc.
McNeil Laboratories
The Merrick Foundation
Miles Laboratories, Inc.
Oklahoma State University
Penwalt Corporation
Public Service Co. of Oklahoma
Searle Laboratories
The Upjohn Company

Total Receipts

\$21,810.97

Expenditures:

Speaker expenses (travel, hotel,
honoraris for 9 speakers)

Coscia, West, Ourisson, Parry,
Reley, Aberhardt, Fenical, Shimizu
Woods

Total

\$ 6,273.46

Convention expenses

Student Union (Room rental, refreshments,
banquet)

3,907.30

Programs, Covers, Portfolios
Clerical and Organizer Expenses

3,913.67
2,973.46

(Typing, xerox, telephone,
publicity, Organizer misc.)
Registration Refunds

272.25

Total

\$11,066.68

Social Expenses
Art Exhibit
TSA-Ia-GI
Bar-B-Q
Mixer

Total

\$ 4,470.83

Total Expenditures

\$21,810.97

PHYTOCHEMICAL SOCIETY OF NORTH AMERICA

NEWSLETTER

MARCH

1979

Executive Committee 1978-1979

Dr. Helen Stafford, Past President
Biology Department
Reed College
Portland, Oregon 97202

Dr. George Waller, Jr., President
Department of Biochemistry
Oklahoma State University
Stillwater, Oklahoma 74074

Dr. Leroy L. Creasy, President-Elect
Department of Pomology
Cornell University
Ithaca, N.Y. 14850

Dr. John T. Romeo, Treasurer
Department of Biology
University of South Florida
Tampa, Florida 33620

Dr. Tony Swain, Editor-in-Chief
Department of Biology
Boston University
2 Cummington Street
Boston, Massachusetts 02115

Dr. Constance Nozzolillo, Secretary
Department of Biology
University of Ottawa
Ottawa ~~KINGNS~~
Ontario, Canada



1570
OTTAWA ONT

FIRST CLASS
PREMIERE CLASSE

AIRMAIL
PAR AVION

Dr. John T. Romeo
Biology Department
Univ. of South Florida
Tampa, FL 33620

PHYTOCHEMICAL SOCIETY OF NORTH AMERICA

NEWSLETTER

DECEMBER

1979

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1. PSNA annual meeting 1980: The annual meeting of the Society will be held jointly with the American Society of Plant Physiologists at Washington State University, Pullman, Washington. Preregistration information will be circulated in the next newsletter, and in the ASPP newsletter. Frank Loewus, local organizer, advises PSNA members to plan their arrival for Sunday, August 3, since PSNA activities are scheduled for August 4-6. The symposium program as available at time of preparation of this newsletter is given below:

Symposium: Phytochemistry of Cell Recognition and Cell Surface Interactions

Part I. Interactions at the Chemical and Biochemical Level.

1. The Structure and Biosynthesis of Lipopolysaccharides and Glycoproteins (Alan Elbein, University of Texas, Health Science Center, San Antonio).
2. Plant-derived Lectins (Irwin J. Goldstein, University of Michigan, Ann Arbor).
3. Host-pathogen Interactions (Peter Albersheim, University of Colorado, Boulder).
4. Cell Surface Lipoglycopeptides (John Gander, University of Minnesota, St. Paul).
5. Enzymic Properties of Phytohemagglutinins (Leland M. Shannon, University of California, Riverside).

Part II. Interactions at the Biological and Ecological Level.

1. Plant Protoplast Agglutination (Phillip J. Larkin, The University of Adelaide, Australia).
2. Recovery of Glycoproteins from Plant Tissues (Robert G. Brown, Dalhousie University, Halifax, Nova Scotia).
3. Immobilization Phenomenon (Marianne Whatley, University of Wisconsin, Madison).
4. Pollen-stigma Interaction (R. Bruce Knox, University of Melbourne, Australia).
5. Hormone-binding
6. Adaptive Significance of Lectin Production

John: I put your address in the memory - you can find it when on the other (steps) of your year

2. PSNA annual meeting, 1981: North Campus Union, Cornell University, Ithaca, NY, August 10-14. Organizers Le Creasy, Gesa Hrazdina, Hans Bonettin, Ken Hanson
Symposium topic- Cellular and Sub-cellular Localization in Plant Metabolism.

3. PSNA annual meeting, 1982: University of Ottawa, Ottawa, Canada. Organizers Stew Brown, Thor Arnason, Connie Nozzolillo are open to suggestions for a symposium topic. The meeting will probably be a joint one with the European Phytochemical Society- final date and symposium topic subject to negotiation!

4. Japanese Phytochemical Symposium (courtesy of Mike Shimada)

Programme of the 16th Symposium on Phytochemistry

(January 26th, 1980, at Faculty of Pharmacy, Meijo University, Nagoya 468)

Growth control substances of fungi	S. Marumo
Volatile substances of seaweeds	Y. Naya
Topics on Oriental orchids	Y. Hirata
Structure of carthamin, the red pigment (of) safflower	H. Ohara
Genetic biochemistry of flavonoids, especially anthocyanins	H. Yasuda
Tannins in medicinal plants	T. Okuda, T. Yoshida, K. Mōri, and T. Hatano
Screening of bio-active substances in plants	H. Hikino

5. Members of the nominating committee: President Creasy has appointed Ragai Ibrahim, Concordia University, Montreal, and Roger Albach, U.S.D.A, Weslaco, TX to this committee, chaired by Past-President George Waller. It is their function to present nominations for vice-president, secretary, and treasurer at the annual meeting.

6. The Chinese Connection: Dr. S.T. San, Shangai Institute of Pharmacology, Academia Sinica, Shangai, Peoples' Republic of China would like to establish contact with phytochemists working on plant-derived alkaloids for cancer research.

7. Membership survey: The survey form on pp3-4 was suggested during the 1979 annual meeting of the Executive Committee as an aid in planning future meetings. Your cooperation, a few moments of your time, and a postage stamp are requested! John Romeo will use some of the information for an updated directory to appear in February so please supply us with at least your correct address should it be different from that on the cover. We try to keep track of changes, but sometimes slip-ups on the part of the treasurer, the secretary, or the members do occur!

PLEASE SEND IN YOUR REPLY AS SOON AS POSSIBLE SO THAT JOHN ROMEO
CAN MEET A FEBRUARY DEADLINE FOR A NEW DIRECTORY!!"

PSNA MEMBERSHIP SURVEY DECEMBER 1979

Family name.....Given name(s).....

Position.....Department.....

Institution, Town, Country.....

(University..... Government Department..... Industry..... Other.....?)

Highest degree held..... Field.....Where obtained.....

If graduate student, expected year of : M.Sc..... Ph.D.....

Major research or professional interest.....

Calendar year you first became a member of the PSNA (or its predecessor the PPS)

..... Has membership been continuous..... or interrupted.....?

Other scientific societies of which you are a member.....

.....

Annual meetings of the PSNA attended:

1979, DeKalb IL.....	1973, Asilomar CA.....	1967, Madison WI.....
1978, Stillwater OK.....	1972, Syracuse NY.....	1966, Austin TX.....
1977, Ghent, Belgium.....	1971, Monterrey, Mex.....	1965, Albany CA.....
1976, Vancouver, Can.....	1970, Beltsville MD.....	1964, Norwood MA.....
1975, Tampa, FL.....	1969, Banff, Can.....	1963, Toronto, Can.....
1974, Cullowhee NC.....	1968, Tucson AZ.....	1962, Corvallis OR.....
		1961, Ft. Collins CO.....

What factors influence your decision to attend a meeting? (Please indicate relative importance - major factor= 2, minor factor= 1, no relevance= 0)

Time of year.....(Preferred dates?.....)

Conflict of date with academic or other responsibilities.....

Symposium topic.....(Preferred topics?.....)

Location of meeting..... (Preferred sites?.....)

Length of meeting..... (Preferred format?.....)

Availability of funds..... Other factors.....

Do you prefer joint meetings of the PSNA with other societies?..... Which?.....

Do you prefer to have organized tours.....exhibits..... as a part of the meeting?

Suggestions.....see verso

Do you approve of an award for the best Presentation by a young scientist at the annual meeting?

Comments and suggestions (cont'd):

correct mailing label



.....

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From:

Dr. John Romeo,
Treasurer, PSNA,
Department of Biology,
University of South Florida,
Tampa, FL 33620

Phytochemical Society of North America

Annual Meeting 1979

<u>Receipts</u>			
Registration	\$ 870.00	Total Speaker Expenses	<u>\$2,525.06</u>
B-B-Q	210.00	<u>Convention Expenses</u>	
Van Service	192.00	Printing, xerox, supplies, postage, etc.	387.25
DeKalb Ag. Research Found.	2,000.00	Vehicle Rental	182.26
PSNA	<u>1,223.00</u>	Student Help	<u>165.00</u>
Total Receipts	\$4,495.00		\$ 734.51
<u>Expenditures</u>		<u>Social Events</u>	
Speaker Expenses (travel, hotel, honorarium)		B-B-Q	320.00
Bagby	197.37	Coffee	115.24
Buchanan	56.13	Mixer	<u>213.87</u>
Hymowitz	131.00		\$ 649.11
Kleiman	52.07	Total	\$3,908.68
Morton	430.65	Cont. Ed. Fee (15%)	<u>586.30</u>
Moshonas	534.00	Total Expenses	\$4,494.98
Osmar	282.80		
Powell	51.34		
Weber	74.80		
Williams	141.90		
Yermanos	573.00		

Report of the Ad Hoc PSNA Journal Committee on the membership poll on journal affiliation. The journal committee was composed of Stewart Brown, Le Creasy Heinz Floss, Frank Loewus, Connie Nozzolillo, John Romeo, Jim Saunders, Helen Stafford, Tony Swain and George Waller.

There were 52 responses to the Newsletter poll sent to the 300 members of the PSNA. More than half the respondents have been members for less than 8 years and 36% have not attended a meeting in five years. Two respondents attended the last 5 meetings.

The respondents published in 110 different journals in the past five years although the most frequently used journals were Phytochemistry (62% of respondents), J. Org. Chem. (25%), Plant Physiology (17%), and Biochem. Syst. and Ecology, J. Am. Chem. Soc. and Chem. Commun. (all 15%).

Seventy nine percent of the respondents reported a sufficient number of journals available for publications in their areas of specialization and only 8% reported a definite lack of journal availability. The 52 respondents listed 32 different areas of specialization which can be grouped into the exploitation of phytochemistry in; applied problems, chemistry, biochemistry and botany.

Most (92%) consider the Recent Advances in Phytochemistry series valuable and most of those want it continued regardless of journal affiliation.

Almost half (38%) the respondents saw no advantages to PSNA journal affiliation, while 38% of those listing advantages cited PSNA visibility/credibility. Almost half (42%) did not list disadvantages, but a similar number cited cost factors among the disadvantages.

Only 23% of the respondents thought that the PSNA was well known among phytochemists and most (58%) felt that journal affiliation would increase interest in the PSNA.

Only 23% of the respondents stated clearly that they would drop membership upon a dues increase but only 50% were confident that they would not.

Most respondents would not preferentially publish in a PSNA affiliated journal.

If affiliation was accepted by the PSNA, 40% preferred an established journal and 33% preferred a new journal. The respondents were divided quite equally on the degree of editorial control desired in any established journal. The largest single group of respondents (35%) preferred association with another society in any journal affiliation. The only groups listed by more than one individual were the Phytochem. Soc. of Europe (65%) and the Am. Soc. of Pharmacog. (29%). Twenty percent of the respondents did not favor a joint journal venture.

Only 43 respondents checked subjects desired in a new journal. The subjects preferred by 50% or more of the 43 who responded to this question were natural products chemistry (95%), general plant biochemistry (84%), phytochemical taxonomy (79%), functions of plant components (72%), environmental plant chemistry (70%) and pharmacognosy (51%).

PSNA journal committee: Summary and advice to PSNA executive committee.

The limited response to the membership poll precludes confident statements regarding the membership-at-large views on journal affiliation by the PSNA. Based on the responses received, we suggest that journal affiliation is not desired by the membership at this time and no action should be taken by the executive committee. We suggest that if the subject come up in the future, specific detailed proposals on affiliation should be presented to the full membership through the PSNA Newsletter.

The charge to the journal committee being completed, it was disbanded by the executive committee at its meeting August 14, 1979.

10. New members: and other miscellany

Dr. Anthony H. Conner
USDA, Forest Products Lab.
P.O. Box 5130
Madison, WS 53705

Dr. Stephen O. Duke
Southern Weed Science Lab.
Stoneville, MS 38776

Dr. David H. Firmage
Department of Biology
Colby College
Waterville, ME 04901

Mr. Marvin Gross
Suburban Apts #1402
DeKalb, IL 60015

Mr. Michael J. Knox
Dept. Bot. Micro
Arizona State University
Tempe, AZ 85281

Mr. W. Donald MacRae
Botany Dept.
Univ. British Columbia
Vancouver, B.C., CANADA V6T 1W5

Dr. Masaru Nishikawa
Nat. Prod. Chem. Labs.
Otsuka, Pharmaceutical Co., L
463-10, Kagasuno
Kawauchi, Tokushima, 77-01 JAI

Prof. Dr. Helmut Schraudolf
Universität Ulm
Abt. Allg. Botanik (Biol II)
Oberer Eselberg
7900 Ulm, Fed. Rep. Germany

Mr. Michael Woodman
1332 Fairfax Lane
Buffalo Grove, IL 60090

Mr. Allen D. Wright
RD #7, Box 114
Shavertown, PA 18708

Dr. Paul Van Faasen
Biology Department
Hope College
Holland, MI 49423

Dr. Duane Zinkel
Forest Products Lab
USDA
Madison, WI 53705

some upcoming meetings
(courtesy BSA Plant
Science Bulletin)

An International Conference on Oxygen and Oxy-radicals in Chemistry and Biology will be held 25-29 May 1980 at the University of Texas. Contact Dean of Continuing Education, University of Texas, Austin, TX 78712.

The Canadian Society of Plant Physiologists will meet 14-19 June 1980 in Calgary, Alberta with the International Association of Plant Physiologists. Contact Dr. Ann Oaks, Biology Department, McMaster University, Hamilton, Ontario L8S 4K1, Canada.

The Second International Congress of Systematic and Evolutionary Biology will convene 17-24 July 1980 at the University of British Columbia. Contact Dr. G. G. E. Scudder, Dept. Zoology, Univ. British Columbia, Vancouver, B.C. B6T 1W5, Canada.

The Eighth International Congress on Photobiology will meet 20-25 July 1980 in Strasbourg, France. Contact Dr. M. Charlier, Centre Biophysique Moleculaire, 45045 Orleans Cedex, France.

The Second International Congress on Cell Biology will meet 31 August - 5 September 1980 in Berlin. Contact GCS Congress Organization, Joachinstaler Str. 19, D-1000 Berlin 15, Germany.

The Fifth Symposium of the Beltsville Agric. Res. Center will be on "Biological Control in Crop Production" and will be held 19-21 May 1980. Contact Chairman, Symposium V, Room 214, Bioscience Bldg. 011A, Beltsville, MD 20705.

The Sixth International Conference on the Origin of Life will be held in Israel on 23-28 June 1980. Contact Dr. M. Paecht-Horowitz, Polymer Dept., Weizmann Institute of Science, Rehovot, Israel.

a book review- from the Plant Science
Bulletin

MITCHELL, J. and A. ROOK. Botanical Dermatology. Plants and Plant Products Injurious to the Skin. Green-grass Ltd. Vancouver, B.C., Canada 1979. xiii + 787 p. \$39.50.

This manual, written by two medical dermatologists, includes precisely what the title and subtitle says it does. Preceded by an invaluable potpourri of history, signs and symptoms and techniques for patch testing, the close to 700 pages of photo-offset detail present an alphabetic listing of irritant and allergic plants in 1400 genera of almost 250 plant families. Within each family, species known or reported (not always the same thing) to caused reactions in people have been listed, the irritant or allergic compound identified if known, and appropriate citations given. Treatment and prognosis are rarely noted. A week after receiving the book, this reviewer was called by a local emergency room to find out if the *Hibiscus* "tea" swallowed by one of the self-medication groups in town could be responsible for the symptoms exhibited. A quick look on p. 461 was all that was needed for an affirmative answer. Economic botanists, phytochemists and those who help the medical profession should put this volume on their must-have list.

Richard M. Klein
University of Vermont

TO MEMBERS OF THE PSNA:



40% Discount on
Recent Advances in Phytochemistry
see verso

Volume 10

Biochemical Interaction Between Plants and Insects

Edited by James W. Wallace, *Western Carolina University*
and Richard L. Mansell, *University of South Florida, Tampa*

Presents probing investigations into the phytochemical relationships between plants and herbivorous insects. Topics include a comparison of chemical defenses of apparent and unapparent plants, parallel defense mechanisms of plants and insects, chemical communication between plants and insects, plant contributions to insect nutrition and metabolism, and a theory of the coevolution between plants and insects. *Proceedings of the Fifteenth Annual Meeting of the Phytochemical Society of North America held on the campus of the University of South Florida, Tampa, Florida.* 436 pp., illus., 1976, ISBN 0-306-34710-5

List price: \$35.00

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Edited by Frank A. Loewus, *Washington State University, Pullman*
and V. C. Runeckles *University of British Columbia, Vancouver*

Provides a detailed study of the ultrastructure of woody tissues, focusing on the chemical structure and biosynthesis of carbohydrate polymers, glycoproteins, lignin, and lipid polymers. Secondary changes covered include environmental effects, degradation by microorganisms, microbial degradation of lignin, and cytological changes from wounding or attack by insects and pathogens. The development of commercial wood products is also treated. *Proceedings of the Sixteenth Annual Meeting of the Phytochemical Society of North America held at the University of British Columbia, Vancouver, British Columbia, Canada.* 540 pp., illus., 1977, ISBN 0-306-34711-3.

List price: \$49.50

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Volume 12

Biochemistry of Plant Phenolics

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Jeffrey B. Haborne, *University of Reading, England*
Chris F. Van Sumere, *University of Ghent, Belgium*

The world's leading experts on plant phenolics examine such topics as the separation and spectroscopic identification of phenolic compounds. They present thorough surveys on the biosynthesis of phenylpropanoids, flavonoids, lignin and related compounds. Other papers examine the metabolism, degradation, and physiology of phenolic compounds in both plants and fungi, their relation to plant diseases, the environment, and pharmaceutical applications. *Proceedings of the First Joint Symposium of the Phytochemical Society of Europe and the Phytochemical Society of North America, held at the Rijksuniversiteit, Ghent, Belgium, August 29-September 2, 1977.* approx. 650 pp., 1978, ISBN 0-306-40028-6.

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Proceedings of the Eighteenth Annual Meeting of the Phytochemical Society of North America held at Oklahoma State University, Stillwater, Oklahoma 253 pp. illus. 1979 ISBN 0-306-40188-6

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