



NEWSLETTER

INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

Vol. 9, No. 3, October, 1992

FLORIDA '93

The 10th annual meeting of ISCE will take place August 1-4 at the Sheraton Sand Key Resort on Clearwater Beach, Florida. The meeting site is 25 minutes by car from Tampa International Airport. Taxi and limo service are readily available. The Sheraton is on the Gulf of Mexico with one of the nicest beaches in the U.S.A. All scientific events will be in the hotel conference rooms. Special group rates of \$76 per room (single or double) have been arranged. A double room contains 2 good size beds. There is no charge for up to 2 children under 18. Consider bringing your families. This rate will be extended 3 days prior to and 3 days following the conference. Food is available at the hotel or at a variety of local restaurants. Reassurance - A major hurricane has not hit Tampa Bay in over 50 years. Peak hurricane season for the Gulf Coast of Florida is September.

A Symposium Committee consisting of John Romeo, William Fenical, Jean Langenheim, Lincoln Brower, Wittko Francke, and David Carlson is finalizing the program. The tentative schedule is on page 6.

Local and area attractions and approximate distance from hotel include: Busch Gardens (Tampa, 25 miles) - one of the great zoos of the world with an African savanna motif, an amusement park, and a brewery; Salvador Dali Museum (St. Petersburg, 15 miles) - the major collection of Dali paintings in the world; Marie Selby Botanical Garden (Sarasota, 35 miles) - major tropical garden; Disney World-EPCOT Center-MGM and Universal Movie Studios (Orlando, 115 miles); Sea World (Orlando, 115 miles); Kennedy Space Center (Cape Canaveral, 150 miles) - museum, launch pad; Florida Everglades (250 miles). Car rentals in Florida are reasonable, 70-140\$ per week with unlimited mileage.

A post conference trip to Costa Rica has been organized. Members should have already received details of this by direct mailing. The trip, August 5-12, includes roundtrip flight from Miami, double rooms with private baths, and all meals. Cost will be \$987.00 US. Areas that will be visited include: a cloud forest - Monteverde; a dry deciduous forest - Guanacaste; and a tropical rain forest - Selva Verde. A variety of microclimates, habitats, and wildlife will be encountered. You will truly experience the tropics. There is plenty for the amateur naturalist to enjoy as well as the serious biologist.

We do not know how great the demand for this excursion will be, but space is limited. To reserve a place, write directly as soon as possible to Holbrook Travel 3540 NW 13 Street, Gainesville, FL 32609. Telephone 904-377-7111 or 800-451-7111.

From the Editor

Dues for 1993 should be paid now. Send back the enclosed form to either Jim Nation in Gainesville, Florida or Martine Rowell-Rahier in Basel, Switzerland.

Some of you are beginning to send me information for the newsletter. Thank you. This helps to make it more interesting and my job a lot easier. I especially need information on: future meetings of other societies, new books, job opportunities, or personal honors, requests. Don't be modest!

- John Romeo

IN THIS ISSUE

- 2 BUSINESS MEETING MINUTES
- 2 NEW COUNCILORS
- 3 SILVER MEDAL AWARD
- 3 SAYONARA - KYOTO
- 4 FINANCIAL REPORT
- 4 UPCOMING MEETINGS
- 4 STUDENT TRAVEL AWARDS
- 5 PRESIDENT'S MESSAGE
- 5 ANNOUNCEMENTS
- 6 LANBIO
- 6 ISCE BROCHURE
- 6 KYOTO SPINOFFS
- 6 TAMPA SCHEDULE

Editor: John T. Romeo
University of South Florida
Department of Biology
Tampa, FL 33620 U.S.A.

ISCE Newsletter is published tri-annually, in October, February and June. It is financed through member contributions. None of the material contained herein may be reprinted without the proper written acknowledgement of the editor. Address all correspondence and newsletter submissions to the editor. Deadline for the next issue is January 15, 1993.

9TH ANNUAL MEETING, KYOTO, JAPAN, JULY 1992

President Jacques Pasteels presided at the annual business meeting. Present were: Vice President, Kenji Mori, Secretary, John Romeo, Treasurer, Jim Nation, Journal of Chemical Ecology Editor, John Simeone, Councilors, Tatsuji Chuman, Desire Daloze, Wittko Francke, Juraj Harmatha, Yoko Naya, Hermann Niemeyer, John Pickett, Amos Smith, Shozo Takahashi, about 30 members.

Jim Nation gave the Treasurer's report (see page 4) and stated that we continue to be in good financial shape. Net assets for 1991 are \$72,646.53. Of this: \$25,297.42 is in the life membership account earning interest; \$40,876.78 is in a grant funds account earning interest; and \$6,472.33 is in a working checking account. Life membership is still growing. Grants funds increased slightly this year with a \$2,500 grant from the Reichstein Foundation and \$2,500 from Suntofy (the 4th such donation). Jim cautioned that our net assets will go down slightly in 1992.

John Romeo gave the Secretary's report. As usual, he appealed to members to submit information to help make the newsletter more interesting and informative. Newsletter costs including postage are about \$1300-1400 per issue. Extra copies are being sent to members distributors in Latin America, Africa, and Eastern Europe. With this method we are trying to reach people who might otherwise be unaware of our activities. John pointed out that our 3rd membership directory compiled by Martine Rowell-Rahier should now be in everyone's hands. Changes in addresses, phone/fax numbers, research interests should be sent not to John, but to Jim Nation who maintains the membership list.

John Simeone spoke about the Journal of Chemical Ecology. He said there had been a slight lull in submissions in 1991, but that they had increased again in 1992. Turn-around time is now only about 7 months. John and Milt Silverstein are proceeding with the selection of the "best" paper award. They do this somewhat reluctantly as it is such a daunting task. The selection, however, will be announced before the 93 meeting via the newsletter. Hopes of the ISCE EC are that this will become an annual award.

Future meeting organizers gave brief reports regarding plans for future meetings:

Tampa - August 1-4, 1993. John Romeo and an organizing committee consisting of Wittko Francke, Jean Langenheim, Lincoln Brower, and William Fenical are proceeding with program planning. The meeting will be at the Sheraton Sand Key Resort on Sand Key at Clearwater Beach. The site is close to Tampa International Airport. Reduced room rates have been obtained and all meeting activities will be on site. A post-meeting excursion to Costa Rica has been organized by Holbrook Travel of Gainesville, Florida.

Syracuse - June 5-8, 1994. John Simeone announced an organizing committee of F. Webster, T. Eisner, J. Meinwald, J. Miller, D. Muller-Schwarze, A. Renwick, W. Roelofs, M. Silverstein, J. Simeone, and S. Teale. Dormitory housing will be available along with nearby hotels.

Chile - October, 1995. Hermann Niemeyer said the 95 meeting hopes to promote interest in chemical ecology among developing countries. He hopes to have a workshop prior to the meeting. October is spring in Chile. Although the exact site is not yet selected, it will not be in Santiago.

Czechoslovakia - 1996. Juraj Harmatha hopes to make this meeting dovetail with an Entomological conference. Plans are being developed.

Future Meetings - 1997. The EC is considering sites and invited members to submit proposals. Ahmed Hassanali offered to host a meeting in Kenya. C.H. Chou said he would like to hold a future meeting in Taipei.

Wittko Francke showed the new ISCE brochure that he recently completed. The brochure describes the history and purpose of the Society and briefly describes what we are all about. He encouraged members present to take copies and spread them around to help develop interest in the Society. The EC and Fund-Raising committee will use the flyer in soliciting financial support.

Jocelyn Millar asked members present to take copies of a preliminary draft of a book on methods in chemical ecology and to provide him with feedback.

Jacques Pasteels thanked Shozo Takahashi for his hospitality and efforts which made the 9th Annual Meeting a success. He thanked the other officers for their help during the year, and then introduced Kenji Mori as the new President of the Society.

President Mori thanked Jacques for his leadership of the Society during the past year. He announced that William Fenical is the new elected Vice-President of the Society and Jim Nation is the re-elected Treasurer. There being no further business, Dr. Mori adjourned the meeting.

New Councilors

President Kenji Mori has announced the appointment of 6 new ISCE councilors to serve 3-year terms from 1992-1995. The six are: Ahmed Hassanali, Kenya; Abraham Hefetz, Israel; Reidar Lie, Norway; Ritsuo Nishida, Japan; Alan Renwick, the U.S.A.; and Jacques Pasteels, Belgium. Councilors act in an advisory capacity to the Executive Committee in formulating policy. They are selected to represent various fields of chemical ecology.

Jeffrey Harborne Honored With ISCE Silver Medal

The Society has chosen to honor Professor Jeffrey B. Harborne of the University of Reading, U.K. with its distinguished 1993 Silver Medal Award. This award is bestowed in recognition of Dr. Harborne's pioneering investigations in secondary plant constituents and their implications in the chemical ecology of plants.

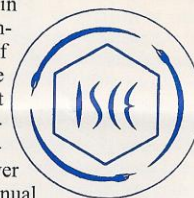


Dr. Harborne was educated at Wycliffe College and the University of Bristol. Since 1987 he has been Head of the Department of Botany at the University of Reading. In 1972 he became Executive Editor of the Journal "Phytochemistry" and in 1986

was appointed editor-in-chief. He is a member of the editorial boards of the Journal of Chromatography, Biochemical Systematics and Ecology, and Biochemical Genetics. He is the author, editor or co-editor of 33 scientific books including Phytochemical Methods and Progress in Phytochemistry (now up to 7 volumes). He is the author of 250 review articles and research papers. In 1991 he produced 14 scientific publications, 8 of which are original research papers.

A long-time leader in the field of phytochemistry, he is also a founding father of "Phytochemical Ecology" - the title of a book he edited in 1972. His Introduction to Ecological Biochemistry, which has been translated into Spanish, Russian, and Japanese, reached its third edition in 1988. This textbook, certainly a milestone in the field, decisively contributed to catalyze understanding of the principles of chemical ecology for a broad readership of senior scientists as well as students.

The Silver Medal is the highest honor the Society bestows. It is another in a long list Professor Harborne has received and which includes: the Gold Medal in Botany of the Linnean Society of London (1985); the First Silver Medal of the Phytochemical Society of Europe (1986); and the Life Achievement Award from the Phytochemical Society of North America and Phytochemical Society of Europe (1992). The Silver Medal will be presented at the 10th annual meeting in Tampa where Dr. Harborne will deliver an award address.



Sayonara - Kyoto

One hundred and eighty seven people from 23 countries on 6 continents registered for the 1992 ISCE annual meeting held on the campus of the Kyoto Institute of Technology in Kyoto, Japan on July 6-9, 1992. The meeting included six symposia on: Indigenous Medicinal Plants; Allelopathy; Chemical Ecology of Aqueous Biosphere; Plenary Lectures on Natural Products Chemistry; Chemical Ecology of Fruit Flies; and Utilization of Natural Products in Pest Control. An international seminar on Symbiosis was concurrently held with the cosponsorship of a Japanese research project entitled "Symbiotic Biosphere". Seminars on symbiosis in the marine biosphere and on flower-visiting insects and pollinators were held. Thirty seven Japanese firms made contributions to support the meeting!

Most of the participants stayed at the nearby Holiday Inn, complete with its swimming pool, bowling alley, shops, and restaurants, and the ubiquitous McDonalds! The lovely 15 minute walk along the river to the meeting rooms gave participants a nice opportunity for reflecting and conversation. Although it was hot and humid, most of us skipped at least one meeting session to explore the beautiful city with its historic shrines and temples, formal gardens, wonderful river walks. The food was exotic and delicious, and a few were able to eat it Japanese style without embarrassing incidents!

The Princess and the red carpet brought some excitement. An evening at Gion Corner arranged by our host Shozo Takahashi helped us better understand as well as marvel at aspects of Japanese culture such as the tea ceremony, theater, puppet show, and flower arranging. The Society Banquet was a sumptuous affair and both spirits and congeniality flowed abundantly. A before dinner musical presentation by Dr. Tetsu Yonehara (cello) and Mrs. Mitsuko Yonehara (piano) of selections by Bach, Paradis, and Vivaldi set an elegant mood. The after dinner speeches were less formal! Jacques Pasteels handed out thank-yous, gifts, travel checks, medals and certificates with great aplomb. Shozo Takahashi, received a Service Medal and councilors Yoko Naya, Desire Daloz, Hermann Niemeyer, Amos Smith and Shozo Takahashi certificates of appreciation.

Other important (?) personal observations from the meeting. A "Royal Saloon" is a car. Both Jeremy McNeil and David Seigler have regained their respective titles as T-shirt and Necktie kings. Jeff Weidenhamer's ability to figure out local bus routes and schedules deserves some respect. Koji Nakanishi will always be able to find work as a juggler. The best bargain in Japan is canned ice coffee. Approximately 1153 cans were consumed by meeting participants, none by John Pickett. Jim Nation and Juraj Harmatha are very tall. Japanese hospitality is par excellence! Americans are not the only ones who have difficulty learning foreign languages.



Shuffle your business cards folks, and get out your swimsuits, Tampa is next! Y'all come.

December 31, 1990

**INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY, INC.
REPORT TO MEMBERSHIP, ANNUAL MEETING, JULY 1992
JAMES L. NATION, TREASURER**

	1990	1991
INCOME		
Annual Meeting	\$15,750.00	48,245.70
Grants from Supporting Agencies	20,414.00	13,000.00
Membership Dues	6,982.00	7,068.60
Member Subscriptions to J. Chem. Ecol.	2,098.00	5,729.00
Interest on all Funds in Bank	2,325.76	3,050.69
Gain in Exchange Rate, Transfer of Funds from Sweden	948.93	
Refund, Ste. Foy Meeting		2,031.50
Refund, Dijon Meeting		800.00
Old Check Never Cashed		500.00
Bonus to Open Bank Account		25.00
TOTAL	\$48,518.69	80,450.49

EXPENSES		
Travel Grants to Members, Speakers to Attend the Annual Meeting	\$14,148.32	7,258.79
Payment of Remaining Costs of Meeting in Sweden, 1989.	10,000.00	
Annual Meeting	13,880.24	48,245.70
Newletters, Postage, Printing	3,126.33	4,497.44
Filing Fee (State of Kentucky)	4.00	4.00
Member Subscriptions to J. Chem. Ecol.	2,098.00	5,729.00
Refund of Member Overpayments	144.00	650.00
Bank Charges, Debits	136.48	67.00
ISCE Advance/Support to Annual Meeting	2,000.00	6,000.00
Miscellaneous	27.22	
Office Supplies (Stamps, Labels, Copying)		120.77
Striking of Medals Awarded to Members		400.00
TOTAL	\$45,564.59	72,972.70

The assets of the Society are in the form of cash or bank deposits.

Life Memberships - in Interest Earning Deposits	\$23,785.24	25,297.42
Grant Funds - in Interest Earning Account	21,813.27	40,876.78
Checking Account Funds	17,160.10	6,472.33
Surplus, Quebec Meeting (in Quebec at end 1990)	410.13	
Grant from BASF (in Account with W. Francke at end of 1990)	2,000.00	
NET ASSETS, END OF YEAR	\$65,168.74	72,646.53

UPCOMING MEETINGS

8th International IUPAC Symposium on Mycotoxins and Phycotoxins, Mexico City, Mexico. 8-10 November, 1992. Contact: Symposium Secretariat, VIII International IUPAC, Insurgentes Sur 3700 - C, Apartado Postal 101-63, 04530 Mexico DF, Mexico. Telephone (525) 550 58 83. FAX (525) 548 82 07

First Asia-Pacific Conference on Plant Physiology. Kuala Lumpur, Malaysia. 10-12 November, 1992. Contact: The Secretariat, Organizing Committee ASPACOPP 1992, Department of Botany, University of Malaya, Lembah Pantai, 59100 Kuala Lumpur, Malaysia. Telephone 603-7555466. FAX 603-7573661.

XVIII Beltsville Symposium. Beltsville, Maryland. 2-6 May, 1993. "Pest Management: Biologically Based Technologies". Contact: Virginia Hupfer, Friends of Agricultural Research, Bldg. 001, Room 128, Beltsville Agricultural Research Center-W, Beltsville, MD, 20705-2350 U.S.A. Telephone 301-504-6108.

ATB 30th Anniversary Meeting. San Juan, Puerto Rico. 1-5 June, 1993. "Thirty Years of Tropical Biology Research: From Organisms to Global Change". Contact: Dr. J. Ackerman, Department of Biology, University of Puerto Rico, Rio Piedras, P.R. 00931. Telephone 809-764-0000 ext. 2569.

Phytochemical Society of North America. Asilomar, California, 27-30 June, 1993. "Genetic Engineering of Plant Secondary Metabolites". Contact: Dr. Brian Ellis, Department of Plant Science, University of British Columbia, Vancouver, B.C., Canada V6T 2A2. Telephone 604-228-3451.

Plant Growth Regulator Society of America. St. Louis, Missouri. 6-9 August, 1993. "Plant Growth Regulators in Post-Harvest Biology and Technology of Horticultural Crops". Contact: Dr. Louise Ferguson, Program Chair, University of California, Kearny Agricultural Research Center, 9240 S. Riverbend Ave., Parlier, CA, 93648 U.S.A. Telephone 209 891-2500

International Botanical Congress. Tokyo, Japan. 28 August-3 September, 1993. Abstract Deadline 15 October, 1992. Contact: International Botanical Congress Tokyo, Department of Botany, University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113, Japan.

International Society of Horticultural Science. Freising-Weißenstephan, Germany. 13-17 September, 1993. "Natural Phenols in Plant Resistance". Contact: Dr. M. Geibel, Institut für Obstbau, Technische Universität München, D-8050 Freising-Weißenstephan, Germany. Telephone (+49) 8161 713753 Fax (+49) 8161 714499

VIIth International Conference on Toxic Marine Phytoplankton. Nantes, France, 18-22 October, 1993. Contact: Cité des Congrès, 5 rue Valmy, 44041 Nantes Cedex 10, France. Telephone (33) 40 37 41 30

Student Travel Awards

Continuing the long-standing practice of encouraging your scientists to present their work at meetings, the ISCE made 4 travel grants to student members so they could attend the 1992 meeting at Kyoto. The recipients of these grants and the titles of their presentations were: **Florian Eggenberger** (Zoologisches Institut der Universität Basel, Switzerland) "Variation in defensive secretion components of individual leaf beetles *Oreina gloriosa*"; **Inderjit Singh** (Department of Botany, University of Delhi, India) "The effect of the weed *Pluchea lanceolata* on some soil characteristics"; **Per Ivarsson** (Chemical Ecology, Göteborg University, Sweden) "Inhibition of ipsdienol and E-myrcenol production by compactin: Demonstration of de novo pheromone biosynthesis in *Ips duplicatus*"; **Alphonso Alonso-Mejia** (Department of Zoology, University of Florida, U.S.A.) "The effects of age on cardiac glycoside concentration in monarch butterflies". ISCE again will make competitive awards for the 1993 meeting in Tampa. Details regarding application for these grants will be published in the February newsletter.

PRESIDENT'S MESSAGE

“...towards natura pro futura...”

The ISCE is beginning its 10th year. Chemical Ecology continues to be a frontier of modern science. Our 9th meeting in Kyoto, Japan, in July was full of new findings of remarkable interdisciplinary nature e.g. the isolation of chlorinated steroidal glucosides as cockroach pheromones. Many thanks to Dr. Shozo Takahashi for his efforts to make the meeting so smooth and enjoyable. In her opening plenary lecture, Her Royal Highness Princess Prof. Dr. Chulabhorn Mahidol of Thailand showed that diverse and interesting bioactive natural products have been obtained from Thai plants. The conservation of biodiversity is of utmost importance for the continuing discovery of new bioactive compounds from organisms. Once again, at this meeting, the strength, diversity and breadth of our membership was well-represented in topics ranging from natural products chemistry to marine chemical ecology. Over 180 scientists from 23 countries joined the meeting and 39 lectures and 65 poster presentations were made.

The next meeting in Tampa, Florida will include various different topics, many of which have not been previously treated at our annual meetings. We already have selected sites and organizers for future meetings in Syracuse, New York in 1994, in Chile in 1995, in Czechoslovakia in 1996, and

we have invitations for future meetings in Kenya and Taiwan. It is amazing that we have such enthusiastic support for hosting our annual meetings around the world.

The ISCE Executive and Councilors at their meeting in Kyoto decided to award the Society's 1993 Silver Medal to Dr. Jeffrey Harborne, U.K. for his pioneering contributions to phytochemical ecology. He will deliver an award address in Tampa. Dr. William Fenical, our new Vice President, is the new chairman of the Silver Medal Award Committee. Send your nominations for future recipients of this distinguished honor to him.

I want to direct some personal **Thank you's** to several individuals:
to Dr. Wittko Francke for preparing our new ISCE brochure. It contains beautiful color pictures illustrating plant protection, insect-plant interactions, plant communities and aquatic-ecosystems. This brochure will be helpful in searching for both new members and financial support for the Society.

to Dr. James Nation, our faithful Treasurer, who keeps a watchful eye on our financial situation and insures that it stays healthy. I will be

working with Jim as we continue our efforts to raise funds from industries and foundations.

to Dr. John Romeo, our capable Secretary, who continues his efforts to maintain communication and involvement among the membership through the ISCE Newsletter.

to Dr. Martine Rowell-Rahier for the compilation of such a nice 1992 ISCE membership directory with its 566 names and addresses that will be useful to all of us.

to all our councilors and members who participate and serve and make our Society vital and strong.

and finally to Dr. Jacques Pasteels for his self-sacrificing contribution to ISCE during his term as the Vice-President and President.

Chemical Ecology can prosper only when we have good mutual understanding between chemists and biologists and between scientists in developing and developed countries. It is this understanding, resulting from our common efforts and sacrifices, that will permit our discipline to continue contributing to the maintenance of "natura pro futura".

- Kenji Mori

Look At Your Label

On the mailing label on the envelope in which your newsletter arrived is some important information. Next to your name it will say "life", "1992", "1991", or "1990". This indicates the last year for which our records indicate you paid ISCE dues. Thus, "1992" means you are in good standing and owe your "1993" dues now. If you are not in good standing but are still receiving the newsletter, we ask that you pay your "1993" dues now. We will not dun you for unpaid back dues, but we do need your future support. This makes the newsletter possible.

ANNOUNCEMENTS

Richard Pfeil of the USDA in Beltsville, MD, U.S.A. is looking for a permanent position in industry or academia. His address is: USDA, ARS, NRI, ECL, Bldg 001, BARC-West, 10300 Baltimore Ave, Beltsville, MD 20705-2350.

Mark Quinn, an Australian team member of the "Beyond the Earth Summit Project", is looking for individuals who have information, experience or expertise to help with investigations involving environmental problems within Latin America. For information about his project write to him at: Primera Cerrada de Minerva #64, Col. Florida, C.P. 01030, Mexico D.F. Mexico.

The American Institute of Chemists (AIC), a non-profit organization, sponsors a certification program for chemists and chemical engineers. Certification is not based solely upon an academic degree or past performance, but is based also on ongoing activities as a chemist. These include teaching, speaking, publishing, and research activities such as those of a chemical ecologist. If being certified as a chemist could be useful to you, write for an application packet to: AIC, 7315 Wisconsin Avenue, Bethesda, MD 20814 U.S.A.. Telephone 301-652-2447.

Jerrold Meinwald has sent me a handsome brochure describing CIRCE, the Cornell Institute for Research in Chemical Ecology. CIRCE's mission is to advance the frontiers of basic science and to create new opportunities to sustain and utilize nature's biodiversity. The Institute has an international outreach program involving research in several countries. Among CIRCE's educational programs are plans for a series of new books in "chemical ecology". Scientists within CIRCE are working with a small consortium of industrial partners.

LANBIO

The Latin American Network for Research in Bioactive Natural Compounds (LANBIO) is a group of scientists in Latin American countries who are working together on common lines of research. Their de facto network has resulted in an exchange of knowledge, compounds and scientific visits. Joint publications have been produced as a result of their complementary and multidisciplinary exchanges. Originally consisting of core laboratories in Montevideo and Santiago, the network has expanded to include groups in Belem, Bogota, Buenos Aires, Caracas, Lima, Merida, and Porto Alegre.

The group wishes to extend the existing network in order to increase its activities both qualitatively and quantitatively and to secure funding. Its specific objectives are: 1. to develop a cooperative system of laboratories carrying out active research in the field of natural products in Latin America, linking and complementing their facilities through an active exchange of scientists and compounds, and jointly planning and executing research activities; 2. to delineate research strategies and priorities in order to raise funds from the official and private sectors and to plan a coherent regional development by supporting less developed laboratories; 3. to promote contacts between the academic community of scientists and commercial enterprises that may transform research results into commercial products.

The group has a Board of Scientists who are establishing policies to be developed and assessing the current situation of the network. They are planning: future **Fellowships** for short-term stays aimed at exploring joint research projects; and **Regional Minisymposia** for discussing specific topics. The Board is chaired by Dr. Hermann Niemeyer. For information write to Dr. Niemeyer at: Universidad de Chile, Facultad de Ciencias, Departamento de Quimica, Casilla 653, Santiago, Chile.

ISCE Brochure

An official ISCE Brochure has been printed. One is enclosed with the newsletter. The brochure gives information about the structure and history of the Society as well as its current activities and research areas. It is meant to attract new members and stimulate potential grant-givers. To this end, ISCE councilors will be provided with several copies.

The brochure was compiled by Wittko Francke with substantial input from Jerry Meinwald. Daaks-Chemicals generously covered the costs of graphic design and printing. Wittko points out that "nothing is final and nothing is perfect". If there are suggestions for improving the brochure for the next edition, let him know. Individual members may obtain additional copies by writing to Wittko Francke, Institut für Organische Chemie, Martin-Luther-King-Platz 6, D-W-2000 Hamburg 13, Germany.

Kyoto Spinoffs

The ISCE annual meeting in Kyoto spawned two interesting post-meeting symposia in other cities in Japan. Combining the talents of Japanese and visiting ISCE scientists, the 2 one-day symposia brought together an impressive array of chemical ecology research talent spreading our message to a broader audience throughout the country. This concept, used so successfully in Japan, is one for meeting organizers to consider when planning future symposia.

The Tsukuba Symposium on "Chemical Ecology and Plant Protection" took place in Tsukuba, Japan on July 10, 1992. The Japanese scientists and ISCE members who gave invited talks in this symposium were: Drs. Yoshio Tamaki, Sadahiro Tatsuki, Kenji Mori, James Nation, Walter Leal, Wittko Francke, and Susumu Kawabe. The conference was sponsored by the National Institute of Sericultural and Entomological Science of the Ministry of Agriculture, Forestry and Fisheries of Japan.

The ERATO Symposium on Plant Ecochemicals was held July 11, 1992 in Sapporo. It consisted of two sessions, one on "Allelopathy" and a second on "Plant-Insect/Nematode Interactions". The Japanese scientists and ISCE members giving invited talks were: Drs. Junya Mitzutani, Eiji Suzuki, John Lovett, Frank Einhellig, Yoshiharu Fujii, Chang-Hung Chou, Koji Hasegawa, Genya Chiba, Murray Isman, John Romeo, Joseph Hoffmann, Shuhei Nakajima, and Satoru Kawaii. The conference was sponsored by the Mitzutani Plant Ecochemicals Project and the Research Development Corporation of Japan (JRDC).



Tampa - 1993 Tentative Schedule (Continued from page 1)

Saturday, July 31	Registration and Welcome Reception (PM)
Sunday, August 1	Symposium - Marine Chemical Ecology (AM) Contributed Papers - General Subjects (PM) Poster Session - General Subjects (Evening)
Monday, August 2	Symposium - Chemical Ecology of Terpenoids (AM) Contributed Papers - General Subjects (PM)
Tuesday, August 3	Symposium - Physical Stress and Chemical Ecology (AM) Mini Symposium & Contributed Papers - Insect Biochemistry (PM) Banquet (Evening)
Wednesday, August 4	Symposium - Tropical Chemical Ecology (AM)