



NEWSLETTER

INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

Vol. 12, No. 2, June, 1995

CHILE 1995

LOS ANDES

1995



The 12th Annual Meeting of the ISCE will be held October 2-6, 1995, in Los Andes, Chile.

Send your registration materials to Hermann Niemeyer, the meeting organizer, as soon as possible. This is important as there is limited space in the resort. **NOTE THE CHANGES FOR TRANSFER OF FUNDS AND POST-CONGRESS TRAVEL.**

Deadlines

July 1, 1995 -

Registration and Accommodation forms
Fees
Abstracts

Sept. 1, 1995 -

Flight Information form

Posters

Should be 1.20m high x 0.90m wide.

Transfer of Funds

There have been some problems with the transfer of funds to Chile. Send funds to:
Chemical Bank N.Y.C
ABA 021000128
FBO Lehman Brothers Inc.
Account No. 140-094-221

By order of sub-account 743-41086-1-4-620
(in the name of Hermann Niemeyer)

If you have problems, contact Dr. Niemeyer at:
e-mail: niemeyer@abulafia.ciencias.uchile.cl
phone: 56 2 678 7260
fax: 56 2 271 7503

Post-Congress Travel

Contact:
Mrs. Viviana Merino
Viajes 2000
FAX 56 2 232-3609

See the February 1995 Newsletter for additional details.

Latin American Travel Funds

Special grant funds have been obtained to support the travel of Latin American colleagues to the Chile meeting. If you need funds, please send your curriculum vitae, your abstract, and a travel budget (price quotes) and alternate sources of funds obtained or applied for to:

Dr. Hermann Niemeyer
Facultad de Ciencias
Universidad de Chile
Casilla 653
Santiago, Chile

From the Editor

Please take a minute to vote for Vice President and Treasurer. Return your ballot to me before August 1, 1995.

If you haven't yet paid your 1995 dues, please send your check now to Jim Nation. There will not be another newsletter until after the Chile meeting. Address all meeting inquiries to Hermann Niemeyer.

If you have a topic you would like discussed at the annual meeting by the Executive Committee and Councilors or by the membership, please let any member of the EC know.

- John Romeo

IN THIS ISSUE

- 2 CONFERENCE SCHEDULE
- 3 AWARDS
- 3 UPCOMING MEETINGS
- 3 NEW BOOKS
- 4 NOMINEES
- 4 OFFICIAL BALLOT

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 September 15, 1995.

CONFERENCE SCHEDULE

Monday, October 2

14:00-19:00	Registration
14:00-16:00	ISCE Executive Meeting
16:00-18:00	ISCE Executive & Council Meeting
19:00-21:00	Mixer/Barbecue

Tuesday, October 3

08:30-10:00	Aphid-Plant Interactions
10:00-10:20	Coffee Break
10:20-13:00	Aphid-Plant Interactions
13:00-15:00	Lunch
15:00-17:00	Multitrophic Interactions
17:00-17:20	Coffee Break
17:20-18:40	Nitrogen in Plant Defense
19:30-21:00	Dinner

Wednesday, October 4

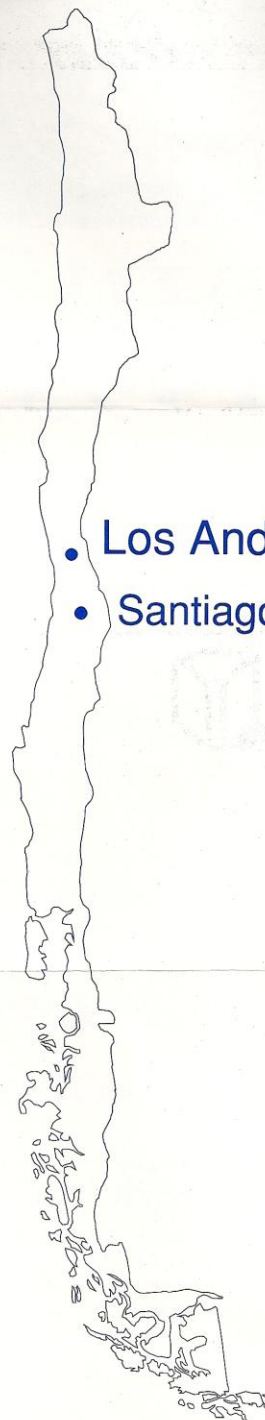
08:30-10:00	Synthesis, Separation & Biological Activity of Enantiomers
10:00-10:20	Coffee Break
10:20-11:00	Synthesis, Separation & Biological Activity of Enantiomers
11:00-18:00	Excursion
19:30-21:00	Dinner
21:00-22:00	Special Lecture - "Social Interaction in Scientific Development"

Thursday, October 5

08:30-10:00	Plant-Herbivore Interactions
10:00-10:20	Coffee Break
10:20-13:00	Plant-Herbivore Interactions
13:00-15:00	Lunch
15:00-17:00	Chemical Ecology of Vertebrates
17:00-17:20	Coffee Break
17:20-18:20	Allelopathy
18:20-19:30	Poster Session
19:30-21:00	Dinner
21:00-22:00	Silverstein-Simeone Plenary Lecture

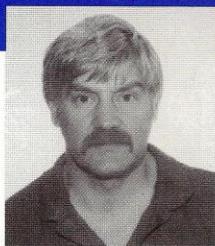
Friday, October 6

08:30-10:00	Pheromones: Isolation, Mechanisms, Uses
10:00-10:20	Coffee Break
10:20-13:00	Pheromones: Isolation, Mechanisms, Uses
13:00-15:00	Lunch
15:00-17:00	General Topics in Chemical Ecology
17:00-17:20	Tea Break
17:20-18:50	Bioactive Substances from Living Organisms
21:00-23:00	Banquet



Awards

ISCE President Jeremy McNeil received the L.O. Howard Award for 1995 from the Entomological Society of America at the 66th Annual Meeting of the Eastern Branch in Harrisburg, Pennsylvania in March. Professor McNeil's research concentrates on pheromone-mediated mating and migration in Lepidoptera. He has published more than 100 papers and serves on several granting agency panels. He plays an active role in several professional societies including the Canadian Society of Zoologists, the Entomological Societies of Canada and Quebec, and the Canadian Federation of Biological Sciences of which he is a past-President. He teaches courses in Integrated Pest Management and Chemical Ecology at Laval University, Ste. Foy, Quebec, Canada, and serves on the Editorial Board of the Canadian Journal of Zoology, Chemoecology, and Entomologia Experimentalis et Applicata. He previously has received several awards including the C. Gordon Hewitt Award and the Gold Medal from the Entomological Society of Canada. He is involved in the public awareness of science and annually gives several lectures at primary and secondary schools and science centers as well as to members of nature and gardening clubs.



UPCOMING MEETINGS

10th International Conference on Chemistry for Protection of the Environment. Lublin, Poland. 18-22 September, 1995. Contact: William Lacy, 9114 Cherrytree Dr., Alexandria, VA 22309-1905. Phone 703-780-2181.

Secondary Products - Physiologically Active Compounds. Halle an der Salle, Germany. 3-7 September, 1995. Contact: Beate Diettrich, Institut für Pharmazeutische Biologie der Martin-Luther-Universität Halle/S., Weinbergweg 15, D-06120, Halle, Germany. Phone: 0345 622379.

Phytochemistry of Fruits and Vegetables. Murcia, Spain. 20-24 September, 1995. Contact: F.A. Tomas-Barberan, CSIC, Centro de Edafología y Biología Aplicada del Segura, Apartado 4195, Murcia 30080, Spain. Phone: 34-68-215717.

2nd European Workshop on Invertebrate Ecophysiology. Ceske Budejovice, Czech Republic. 25-29 September, 1995. Contact: Magdalena Hodkova, Entomological Institute, AV CR Branisovska 31.370 05, Ceske Budejovice, Czech Republic

Physiology of Plant Pathogen Interactions. Dundee, Scotland. University of Dundee, AAB Meeting - Plant Physiology and Plant Microbial Interactions Groups with BSPP. AAB Office, HRI Wellesbourne, Warwick CV35 9EF. Phone: 01789 470382. Fax: 01789 470234.



NEW BOOKS BY ISCE MEMBERS

Allelopathy: Organisms, Processes, and Applications. Edited by Inderjit, K.M.M. Dakshini, and Frank A. Einhellig. American Chemical Society - Symposium Series 582. 389 pages. This book was developed from a meeting sponsored by the Botanical Society of the American Institute of Biological Sciences. It is aimed at chemical ecologists, natural products chemists, weed and soil scientists, plant physiologists, botanists, microbiologists, and biological control specialists. It discusses a variety of chemical interactions among plants and includes chapters on: specific allelopathic interactions and isolated chemicals; mechanisms of action; biological control and applications; and allelopathy and sustainable agricultural systems. The book is clothbound and costs \$99.95 US.

Phytochemistry of Medicinal Plants. Edited by J. T. Arnason, R. Mata, and J.T. Romeo. Plenum Press. 356 pages. The book is based on a symposium sponsored by the Phytochemical Society of North America in Mexico City in August, 1994. The chapters are representative of new trends in medicinal plants research. Included are reviews of: adaptogens, immunostimulants, cancer preventative, and anti-viral/anti-AIDS agents. Chapters on ethnobotanical traditions in Mexico, Latin America, and Africa emphasize the importance of this information in bioassay-guided fractionations and the search for new drugs. Applications of recent technology including root culture, LC/MS, and computer modeling in medicinal plant studies are described. Comprehensive reviews of acetogenins, clerodane diterpenes, and biological activity and structure relationships of sesquiterpene lactones are also included. Publishing date June, 1995.

NOMINEE FOR VICE PRESIDENT



Martine Rowell-Rahier is Professor of Animal Ecology and Entomology at the University of Neuchâtel in Neuchâtel, Switzerland where she has been since 1994.. She received a degree in Agronomic Engineering with a specialization in Applied Zoology from the Université Libre de Bruxelles in 1977 and a Ph.D. under Professor Jacques Pasteels from the Zoologisches Institut der Universität Basel, Switzerland in 1983. She also did postdoctoral research at Basel. From 1990-1993 she held a teaching position at the University of Zürich and served as Head of the laboratory of "Herbivore Biology" at the University of Basel. Her work has been continuously funded since 1986 by such agencies as the Swiss National Science Foundation, START Program, Emilia Guggenheim-Schnur, and European Science Foundation. She served as an ISCE Councilor from 1986-1992 and as Membership Secretary from 1990-1993. She is a member of the British Ecological Society, the European Society of Evolutionary Biology, and the Swiss Zoological Society of which she is a past-secretary. She has taught courses in herbivore biology, plant-animal interactions, chemical ecology, ecology and entomology. Her current research interest is in the chemical factors which influence plant/herbivore/predator associations. She has collaborated with Jacques Pasteels, Thomas Hartmann, Lincoln Brower, and Juraj Harmatha. She speaks French, English and German and has given invited lectures in France, Germany, and the USA. Martine is married to Professor C.H.F. Rowell and has a son Simon who is 12.

NOMINEES FOR TREASURER



Francis X. Webster is an Appointed Associate Professor of Chemistry at SUNY College of Environmental Science and Forestry at Syracuse. He received both his B.S. and Ph.D. (under Milton Silverstein) in Chemistry from that institution in 1986. He was subsequently a Postdoctoral Associate with Professor Glenn Prestwich at SUNY Stony Brook. His current research interests include: the isolation, identification, and synthesis of insect and mammalian semiochemicals; the mode of action of pheromones; and the use of computers in chemical research. He is a member of the American Association for the Advancement of Science, the American Chemical Society, and has served as the Chair of the Syracuse Section of ACS. He organized the 11th Annual Meeting of the ISCE in Syracuse in 1994.



Paul A. Weston is Principal Investigator at the Community Research Service, Atwood Research Facility, Kentucky State University, Frankfort, KY. He received his B.S. in Biology from Cornell University and an M.S. in Systems Science and Ph.D. in Entomology (under Jim Miller) from Michigan State University in 1986. He did postdoctoral work with John Snyder at the University of Kentucky. His specializations and areas of interest include: insect behavior; insect pest management; and the isolation and identification of biologically active natural products. He is active in the Entomological Society of America and the Kentucky Academy of Science. His research on the determinants of the resistance of woody landscape plants to the Japanese beetle is funded by the USDA.

OFFICIAL 1995 ISCE BALLOT

ISCE Vice President

Martine Rowell-Rahier

ISCE Treasurer

Francis X. Webster

Paul A. Weston



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